CDM Camp Dresser & McKee

SFUND RECORDS CTR
30890

Report

Baldwin Park Operable Unit Pre-Remedial Design Groundwater Monitoring Program

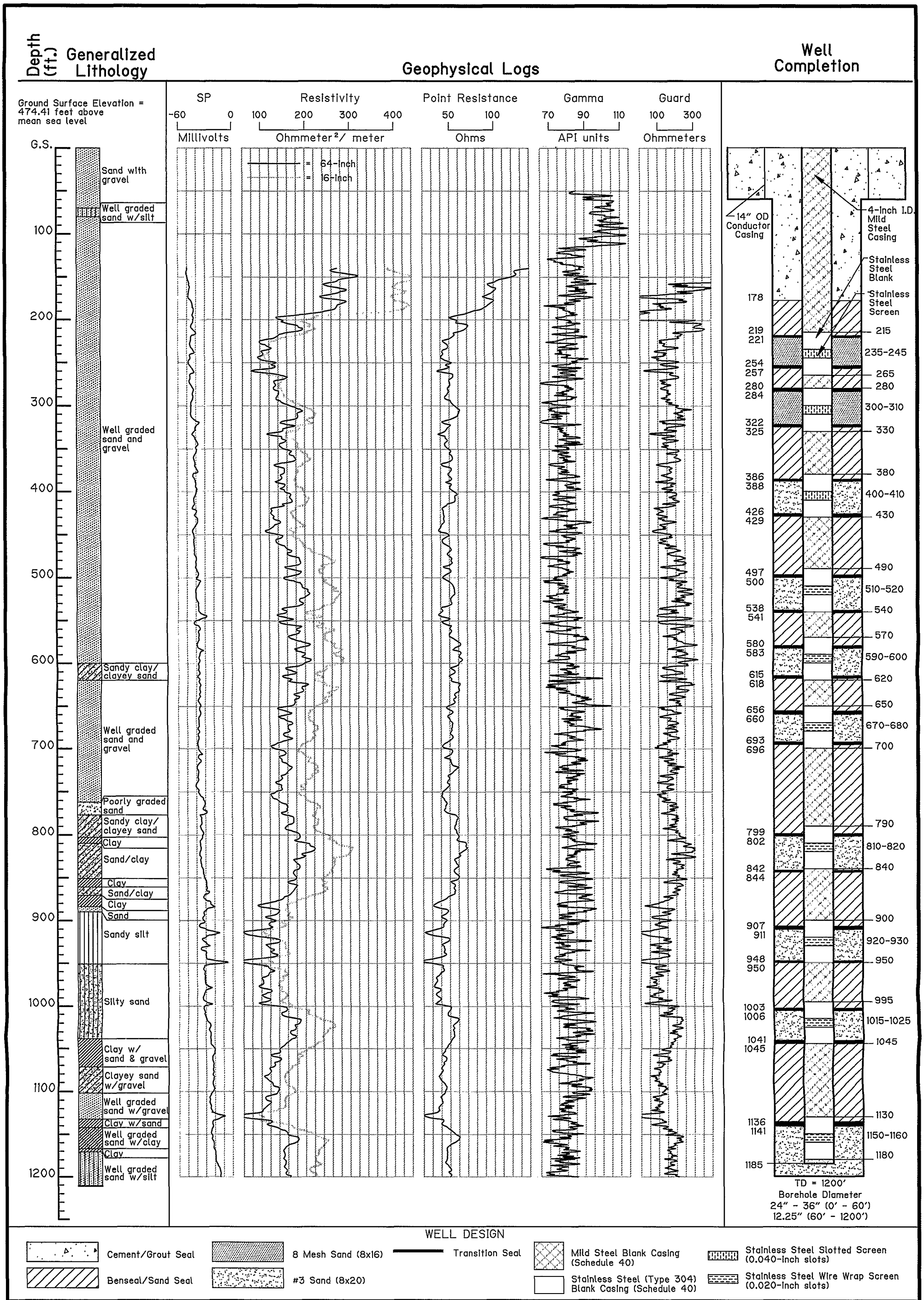
Draft Pre-Remedial Design Report

Appendices A and B

December 1996

Appendix A

Appendix A
Well Construction Details

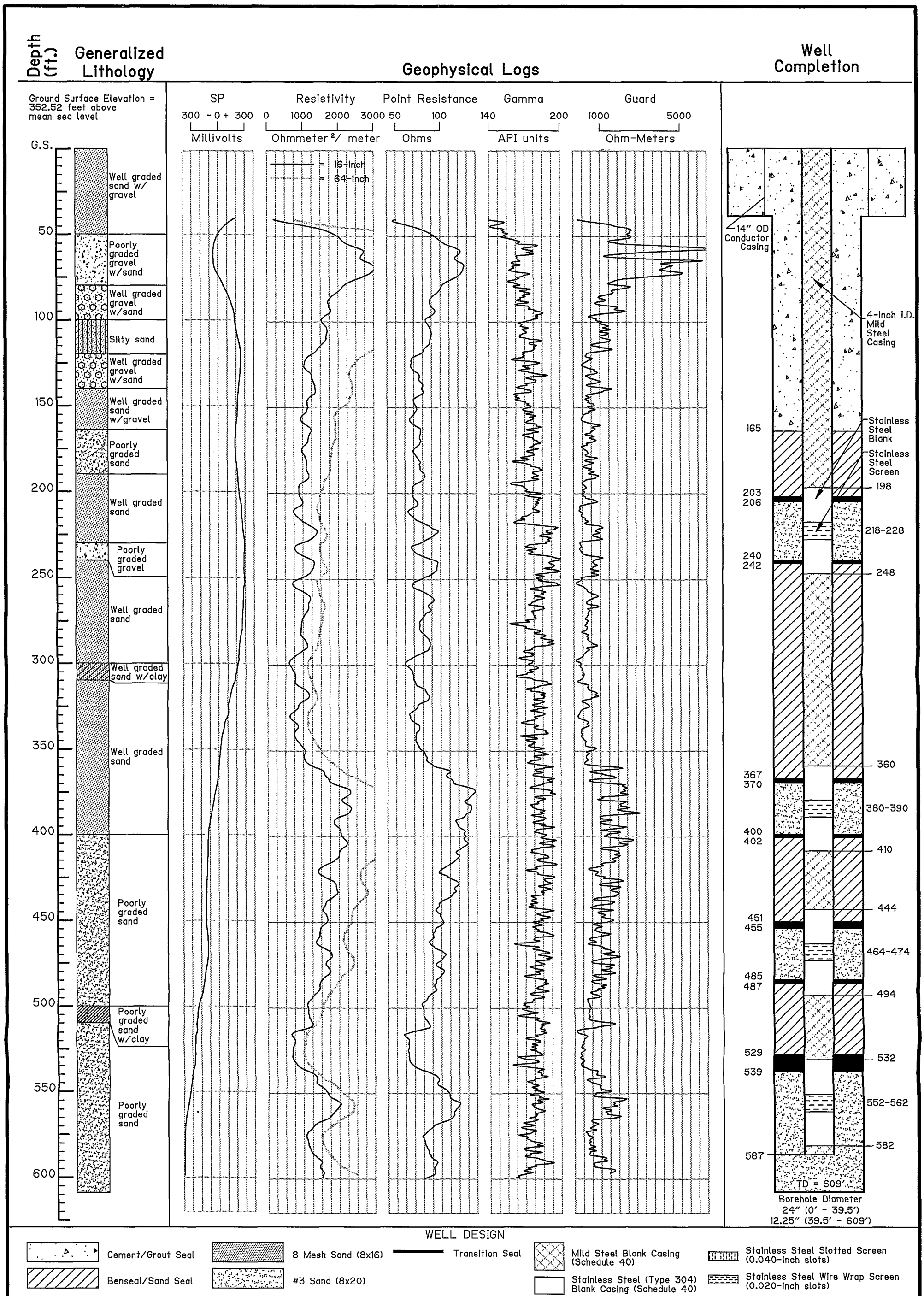


BALDWIN PARK OPERABLE UNIT

CDM
environmental engineers, scientists, planners, & management consultants

WELL MW5-03
GEOPHYSICAL LOGS & WELL COMPLETION DETAILS

Figure A-1



BALDWIN PARK OPERABLE UNIT

CDM
environmental engineers, scientists, planners, & management consultants

WELL MW5-05
GEOPHYSICAL LOGS & WELL COMPLETION DETAILS

Figure A-2

PARTIALLY SCANNED
OVERSIZE ITEM (S)

See Document # 309006
for partially scanned image(s).

For complete version of oversize document(s),
see paper copy.

OVD-parent

B

Appendix B

Appendix B
Water Quality Laboratory Data Sheets

TMA
Thermo Analytical

1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

April 17, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: Revised CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3180

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 3/11/96 were analyzed by Thermo Analytical for: Volatile Organic Compounds (VOC's) by EPA Method 8021, Metals by EPA 6000/7000 methods and various Wet Chemistry parameters.

The EPA Method 8021 samples taken on 3/11/96 were analyzed 3/14/96 - 3/15/96 which is within the allowable method holding time. Some of the samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The Metals were analyzed 3/15/96 - 3/27/96. The matrix spike percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample. The post spike sample percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley
Program Manager

Enclosure

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3180
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/11/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/11/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	21:52
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50101-031196	Lab Sample ID:	L3180-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3180
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/11/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/11/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	21:52
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50101-031196	Lab Sample ID:	L3180-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.17	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3180
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/11/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/11/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	22:33
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50102-031196	Lab Sample ID:	L3180-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.75	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3180
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/11/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/11/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	18:27
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50102-031196	Lab Sample ID:	L3180-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.15	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.22	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
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Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3180
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	18:27
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/14 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3180
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	18:27
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/14 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 SURROGATE RECOVERY

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3180
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/14/96-03/15/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-01 Los Angeles Street Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	100	94	109
CCV	97	95	104
Method Blank	103	99	110
L3180-2	106	107	110
L3180-5	102	106	107
LCS	104	97	107
MS	90	86	106
MSD	88	82	98
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3180
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	3/15/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-01 Los Angeles Street Irwindale, CA		
Matrix:	Liquid		
		Lab Sample ID:	L3186-1

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC. #	QC LIMITS REC.
Benzene	20.0	0.2	21.9	108	74-121
Toluene	20.0	1.1	21.8	103	72-121
Ethylbenzene	20.0	2.5	23.6	106	72-117
o-Xylene	20.0	1.9	22.9	105	66-124
1,1-Dichloroethane	20.0	0.0	20.0	100	73-121
1,1,1-Trichloroethane	20.0	0.3	18.5	91	72-126
cis-1,3-Dichloropropene	20.0	0.0	17.8	89	58-124
Chlorobenzene	20.0	0.0	18.9	95	52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	20.6	102	6	0-10	74-121
Toluene	20.0	20.9	99	4	0-16	72-121
Ethylbenzene	20.0	22.7	101	5	0-14	72-117
o-Xylene	20.0	22.1	101	4	0-14	66-124
1,1-Dichloroethane	20.0	19.8	99	1	0-18	73-121
1,1,1-Trichloroethane	20.0	19.2	94	3	0-15	72-126
cis-1,3-Dichloropropene	20.0	18.1	91	2	0-22	58-124
Chlorobenzene	20.0	18.7	94	1	0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 LABORATORY CONTROL SAMPLE RECOVERY

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3180
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/14/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-01 Los Angeles Street Irwindale, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	22.7	114	75-125
Toluene	20.0	22.0	110	75-125
Ethylbenzene	20.0	22.6	113	75-125
o-Xylene	20.0	22.7	114	75-125
1,1-Dichloroethane	20.0	22.7	114	75-125
1,1,1-Trichloroethane	20.0	22.3	112	75-125
cis-1,3-Dichloropropene	20.0	23.1	116	75-125
Chlorobenzene	20.0	23.2	116	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	04/02/96
		Lab P.N.:	L3180
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/14/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4500	3
Chloromethane	9103	10	9336	3
Vinyl chloride	7475	9	8276	11
Bromomethane	4053	10	4371	8
Chloroethane	8231	9	8895	8
Trichlorofluoromethane	11964	9	12642	6
1,1-Dichloroethene	11045	9	11717	6
Methylene chloride	14825	12	15187	2
trans-1,2-Dichloroethene	11709	10	12390	6
1,1-Dichloroethane	11841	10	12696	7
cis-1,2-Dichloroethene	12091	9	12582	4
2,2-Dichloropropane	10669	12	11365	7
Bromochloromethane	8662	11	9044	4
Chloroform	15533	10	15999	3
1,1,1-Trichloroethane	14156	10	14438	2
Carbon tetrachloride	16313	9	17206	5
1,1-Dichloropropene	5579	14	6167	11
1,2-Dichloroethane	11607	9	11875	2
Trichloroethene	14474	8	14607	1
1,2-Dichloropropane	11206	8	11629	4
Dibromomethane	5500	11	5773	5
Bromodichloromethane	11224	9	11553	3
2-Chloroethyl vinyl ether	5579	14	6167	11
cis-1,3-Dichloropropene	9669	9	10317	7
trans-1,3-Dichloropropene	8941	8	9415	5
1,1,2-Trichloroethane	11768	6	11995	2
Tetrachloroethene	13939	9	13943	0
1,3-Dichloropropane	9412	8	9621	2
Dibromochloromethane	7533	13	7699	2
1,2-Dibromoethane	5371	8	5160	4
Chlorobenzene	5594	8	5677	1
1,1,1,2-Tetrachloroethane	13135	8	13854	5
Bromoform	5407	14	5530	2
1,1,2,2-Tetrachloroethane	9429	10	9138	3
1,2,3-Trichloropropane	7711	10	7336	5
2-Chlorotoluene	4767	8	4887	3
4-Chlorotoluene	4825	7	4930	2
1,3-Dichlorobenzene	7645	8	7860	3
1,4-Dichlorobenzene	8104	8	8250	2
1,2-Dichlorobenzene	7800	7	8085	4

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	04/02/96
		Lab P.N.:	L3180
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/14/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2506	1
1,2,4-Trichlorobenzene	8865	8	9238	4
Hexachlorobutadiene	12492	9	12880	3
1,2,3-Trichlorobenzene	8957	8	9217	3
Benzene	3199	5	3546	11
Toluene	3013	5	3262	8
Ethylbenzene	2654	5	2951	11
p,m-Xylenes	3095	3	3423	11
o-Xylene	2666	4	2958	11
Styrene	3501	3	3799	9
Isopropylbenzene	1967	7	2222	13
Bromobenzene	3251	3	3545	9
Propylbenzene	2841	13	2961	4
1,3,5-Trimethylbenzene	3661	3	4064	11
tert-Butylbenzene	2109	5	2287	8
1,2,4-Trimethylbenzene	2784	3	3091	11
sec-Butylbenzene	2178	3	2419	11
4-Isopropyltoluene	2137	4	2324	9
n-Butylbenzene	2350	2	2590	10
Naphthalene	2501	14	2531	1

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	04/02/96
		Lab P.N.:	L3180
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/15/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4435	1
Chloromethane	9103	10	8863	3
Vinyl chloride	7475	9	8179	9
Bromomethane	4053	10	4330	7
Chloroethane	8231	9	8798	7
Trichlorofluoromethane	11964	9	12777	7
1,1-Dichloroethene	11045	9	11696	6
Methylene chloride	14825	12	15204	3
trans-1,2-Dichloroethene	11709	10	12152	4
1,1-Dichloroethane	11841	10	12493	6
cis-1,2-Dichloroethene	12091	9	12564	4
2,2-Dichloropropane	10669	12	11356	6
Bromochloromethane	8662	11	8806	2
Chloroform	15533	10	15952	3
1,1,1-Trichloroethane	14156	10	14496	2
Carbon tetrachloride	16313	9	16962	4
1,1-Dichloropropene	5579	14	6209	11
1,2-Dichloroethane	11607	9	11554	0
Trichloroethene	14474	8	14729	2
1,2-Dichloropropane	11206	8	11397	2
Dibromomethane	5500	11	5841	6
Bromodichloromethane	11224	9	11560	3
2-Chloroethyl vinyl ether	5579	14	6209	11
cis-1,3-Dichloropropene	9669	9	10205	6
trans-1,3-Dichloropropene	8941	8	9366	5
1,1,2-Trichloroethane	11768	6	11930	1
Tetrachloroethene	13939	9	14294	3
1,3-Dichloropropane	9412	8	9557	2
Dibromochloromethane	7533	13	8002	6
1,2-Dibromoethane	5371	8	5318	1
Chlorobenzene	5594	8	5690	2
1,1,1,2-Tetrachloroethane	13135	8	13707	4
Bromoform	5407	14	5564	3
1,1,2,2-Tetrachloroethane	9429	10	9024	4
1,2,3-Trichloropropane	7711	10	7191	7
2-Chlorotoluene	4767	8	5039	6
4-Chlorotoluene	4825	7	5084	5
1,3-Dichlorobenzene	7645	8	7949	4
1,4-Dichlorobenzene	8104	8	8226	2
1,2-Dichlorobenzene	7800	7	7909	1

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	04/02/96
		Lab P.N.:	L3180
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/15/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2555	3
1,2,4-Trichlorobenzene	8865	8	9063	2
Hexachlorobutadiene	12492	9	12921	3
1,2,3-Trichlorobenzene	8957	8	8871	1
Benzene	3199	5	3523	10
Toluene	3013	5	3234	7
Ethylbenzene	2654	5	2935	11
p,m-Xylenes	3095	3	3388	9
o-Xylene	2666	4	2914	9
Styrene	3501	3	3727	6
Isopropylbenzene	1967	7	2204	12
Bromobenzene	3251	3	3450	6
Propylbenzene	2841	13	3132	10
1,3,5-Trimethylbenzene	3661	3	4003	9
tert-Butylbenzene	2109	5	2257	7
1,2,4-Trimethylbenzene	2784	3	3033	9
sec-Butylbenzene	2178	3	2395	10
4-Isopropyltoluene	2137	4	2286	7
n-Butylbenzene	2350	2	2576	10
Naphthalene	2501	14	2645	6

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3180
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/11/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/11/96
Project Address:	MW5-01, Los Angeles Street Irwindale, CA	Date Analyzed:	03/15/96-03/27/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50101-031196	Lab Sample ID:	L3180-3

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.119	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00642	
Copper	Copper	6010	0.00793	
Iron	Iron	6010	0.0284	
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.00270	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0493	
Calcium	Calcium	6010	33.4	
Magnesium	Magnesium	6010	12.3	
Potassium	Potassium	6010	4.22	
Sodium	Sodium	6010	28.8	

Comments:

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3180
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	Baldwin Park Operable Unit		
Project Address:	BPOU - Quarterly Sampling MW5-01, Los Angeles Street Irwindale, CA		
Concentration:	mg/l		

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum	2.50	2.52	101	1.00	1.07	107	1.04	104	6010
Arsenic	0.0250	0.0255	102	0.0250	0.0251	100	0.0251	100	7060
Barium	2.50	2.58	103	1.00	1.03	103	1.03	103	6010
Cadmium	1.25	1.22	98	2.50	2.43	98	2.57	103	6010
Chromium	2.50	2.42	97	2.50	2.61	104	2.60	104	6010
Copper	2.50	2.44	98	2.50	2.51	100	2.87	98	6010
Iron	2.50	2.47	99	2.50	2.60	104	2.54	102	6010
Lead	0.0250	0.0255	102	0.0250	0.0244	98	0.0245	98	7421
Manganese	2.50	2.67	107	2.50	2.54	102	2.63	105	6010
Nickel	2.50	2.50	100	2.50	2.51	100	2.67	106	6010
Zinc	2.50	2.36	95	2.50	2.61	104	2.65	106	6010
Mercury	0.00500	0.00475	95	0.00300	0.00302	101	0.00314	105	7470
Calcium	25.0	24.0	96	2.50	2.33	94	2.53	101	6010
Magnesium	25.0	24.8	99	2.50	2.58	104	2.53	102	6010
Potassium	25.0	25.0	100	10.0	10.2	102	9.93	99	6010
Sodium	25.0	25.3	101	1.00	1.02	102	1.02	102	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3180
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	Baldwin Park Operable Unit		
Project Address:	BPOU - Quarterly Sampling MW5-01, Los Angeles Street Irwindale, CA		
Concentration:	mg/l		

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				1.00	1.04	104	1.04	104	6010
Arsenic				0.0250	0.0260	104	0.0256	102	7060
Barium				1.00	1.05	105	1.04	104	6010
Cadmium				2.50	2.74	110	2.75	110	6010
Chromium				2.50	2.60	104	2.65	106	6010
Copper				2.50	2.49	99	2.47	98	6010
Iron				2.50	2.53	102	2.56	103	6010
Lead				0.0250	0.0247	99	0.0246	98	7421
Manganese				2.50	2.60	104	2.61	104	6010
Nickel				2.50	2.68	107	2.70	108	6010
Zinc				2.50	2.65	106	2.71	108	6010
Mercury				0.00300	0.00307	102	0.00323	108	7470
Calcium				2.50	2.68	108	2.70	108	6010
Magnesium				2.50	2.54	102	2.55	102	6010
Potassium				10.0	9.82	98	9.83	98	6010
Sodium				1.00	1.04	104	1.03	103	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3180
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	Baldwin Park Operable Unit		
Project Address:	BPOU - Quarterly Sampling MW5-01, Los Angeles Street Irwindale, CA		
Matrix:	Liquid		
Date Analyzed:	3/15/96-3/27/96		
Concentration:	mg/l		

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum	0.0437	U	0.0437	U	0.0437	U	0.0437	U	0.0437	U	6010
Arsenic	0.00299	U	0.00299	U	0.00299	U	0.00299	U	0.00299	U	7060
Barium	0.00167		0.00034	U	0.00034	U	0.00034	U	0.00337		6010
Cadmium	0.0017	U	0.0017	U	0.0017	U	0.0017	U	0.0017	U	6010
Chromium	0.0018	U	0.0018	U	0.00239		0.0018	U	0.00227		6010
Copper	0.0027	U	0.0027	U	0.0027	U	0.0027	U	0.00431		6010
Iron	0.0225	U	0.0225	U	0.0225	U	0.0225	U	0.0225	U	6010
Lead	0.000636	U	0.000636	U	0.000636	U	0.000636	U	0.000636	U	7421
Manganese	0.00200	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	6010
Mercury	0.000173	U	0.000173	U	0.000173	U	0.000173	U	0.000173	U	7470
Nickel	0.0047	U	0.0047	U	0.0047	U	0.0047	U	0.0047	U	6010
Zinc	0.0175	U	0.0175	U	0.0175	U	0.0175	U	0.0175	U	6010
Calcium	0.102	U	0.102	U	0.102	U	0.102	U	0.459		6010
Magnesium	0.0379	U	0.0379	U	0.0379	U	0.0379	U	0.132		6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium	0.108	U	0.108	U	0.108	U	0.108	U	0.108	U	6010

TMA
Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3180
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	Baldwin Park Operable Unit		
Project Address:	BPOU - Quarterly Sampling MW5-01, Los Angeles Street Irwindale, CA		
Matrix:	Liquid		
Date Analyzed:	3/15/96-3/27/96		
Concentration:	mg/l		

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum			0.0437	U							6010
Arsenic			0.00299	U							7060
Barium			0.00134	U							6010
Cadmium			0.0017	U							6010
Chromium			0.00205								6010
Copper			0.0027	U							6010
Iron			0.0225	U							6010
Lead			0.000636	U							7421
Manganese			0.0020	U							6010
Mercury			0.000173	U							7470
Nickel			0.0047	U							6010
Zinc			0.0175	U							6010
Calcium			0.102	U							6010
Magnesium			0.0379	U							6010
Potassium			0.358	U							6010
Sodium			0.108	U							6010

TMA
Thermo Analytical

ICP INTERFERENCE CHECK SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU - Quarterly Sampling
Project Address: MW5-01, Los Angeles Street
Irwindale, CA
Concentration Unit: mg/l

Report Date: 04/02/96
Lab P.N.: L3180
Client P.N.: 2581-112-T4-SAMP

Analyte	Initial True Sol. AB	Initial Found Sol. AB	Initial %R	Final True Sol. AB	Final Found Sol. AB	Final %R
Aluminum	500	480	96	500	479	96
Barium	0.500	0.462	93	0.500	0.471	94
Cadmium	1.00	0.888	89	1.00	1.02	102
Chromium	0.500	0.466	93	0.500	0.467	94
Copper	0.500	0.454	91	0.500	0.446	89
Iron	200	168	84	200	165	83
Manganese	0.500	0.423	85	0.500	0.460	80
Nickel	1.00	0.842	84	1.00	0.900	90
Zinc	1.00	0.943	94	1.00	0.960	96
Calcium	500	429	86	500	490	98
Magnesium	500	471	94	500	469	94

%R control limits = 80 - 120 %.

TMA
Thermo Analytical

METALS SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: Baldwin Park Operable Unit
Project Address: BPOU - Quarterly Sampling
MW5-01, Los Angeles Street
Irwindale, CA
Matrix: Liquid
Lab Sample ID: L3193-3
Concentration: mg/l

Report Date: 04/02/96
Lab P.N.: L3180
Client P.N.: 2581-112-T4-SAMP

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/15/96	2.0000	0.129	1.91	89	6010
Arsenic	03/15/96	0.0800	0.000	0.0928	116	7060
Barium	03/15/96	2.000	0.0824	2.02	97	6010
Cadmium	03/18/96	2.000	0.000	1.93	96	6010
Chromium	03/15/96	2.000	0.00250	1.89	94	6010
Copper	03/15/96	2.000	0.00723	1.83	91	6010
Iron	03/15/96	2.000	0.0828	1.85	88	6010
Lead	03/15/96	0.0240	0.000	0.0233	97	7421
Manganese	03/27/96	2.000	0.00220	1.84	92	6010
Nickel	03/18/96	2.000	0.000	1.94	97	6010
Zinc	03/15/96	2.000	0.0283	1.90	94	6010
Mercury	03/15/96	0.00200	0.000	0.00204	102	7470
Calcium	03/18/96	2.000	42.5	45.4	148*	6010
Magnesium	03/15/96	2.000	9.77	11.7	98	6010
Potassium	03/15/96	20.00	2.64	21.5	94	6010
Sodium	03/15/96	2.000	20.8	22.9	104	6010

Column used to flag recovery values with an asterisk
*Value outside of control limits
Spike Recovery: 1 out of 16 outside limits.

Conc Spk = Concentration of Spike in Sample
%MS = Percent Recovery of MS
Control limits for Spike Samples are 75-125%.

TMA
Thermo Analytical

METALS POST SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: Baldwin Park Operable Unit
Project Address: BPOU - Quarterly Sampling
MW5-01, Los Angeles Street
Irwindale, CA
Matrix: Liquid
Client Sample ID: GP-GW-MW50101-031196
Lab Sample ID: L3193-3
Concentration: mg/l

Report Date: 04/02/96
Lab P.N.: L3180
Client P.N.: 2581-112-T4-SAMP

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/15/96	5.00	0.129	5.24	105	6010
Arsenic	03/15/96	0.0200	0.0000	0.0228	114	7060
Barium	03/15/96	5.00	0.0824	5.25	103	6010
Cadmium	03/18/96	5.00	0.0000	5.54	111	6010
Chromium	03/15/96	5.00	0.00250	5.31	106	6010
Copper	03/15/96	5.00	0.00723	4.98	99	6010
Iron	03/15/96	5.00	0.0828	5.20	102	6010
Lead	03/15/96	0.0200	0.0000	0.0197	99	7421
Manganese	03/27/96	5.00	0.00220	5.31	106	6010
Nickel	03/18/96	5.00	0.0000	5.49	110	6010
Zinc	03/15/96	5.00	0.0283	5.52	110	6010
Calcium	03/18/96	5.00	42.5	52.7	202*	6010
Magnesium	03/15/96	5.00	9.77	15.8	121	6010
Potassium	03/15/96	50.0	2.64	51.6	98	6010
Sodium	03/15/96	5.00	20.8	26.9	122	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 1 out of 15 outside limits.

Conc Spk = Concentration of Spike in Sample.
%MS = Percent Recovery of MS.
Control limits for Post Digest Spike Samples are 75-125%.

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METALS DUPLICATES

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: Baldwin Park Operable Unit
Project Address: BPOU - Quarterly Sampling
MW5-01, Los Angeles Street
Irwindale, CA
Matrix: Liquid
Lab Sample ID: L3180-3
Client Sample ID: BP-GW-MW50101-031196

Report Date: 04/02/96
Lab P.N.: L3180
Client P.N.: 2581-112-T4-SAMP

Concentration Units: mg/l

Metal	Date Analyzed	Sample Result	Duplicate Result	RPD	Method
Calcium	03/18/96	42.5	42.5	0	6010
Magnesium	03/15/96	9.77	9.74	0	6010
Potassium	03/15/96	2.64	2.55	4	6010
Sodium	03/15/96	20.8	20.6	0	6010

*Value outside control limits

Control limits equal 0-20% if sample and duplicate concentrations >/= 5x MDL.
If both sample and duplicate concentrations are < MDL, then no control limt exists.

0 out of 4 outside limits

Comments: _____

TMA
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METALS LABORATORY CONTROL SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: Baldwin Park Operable Unit
Project Address: BPOU - Quarterly Sampling
MW5-01, Los Angeles Street
Irwindale, CA

Report Date: 04/02/96
Lab P.N.: L3180
Client P.N.: 2581-112-T4-SAMP

LCS Source: CR1-CRA-3 (Inorganic Ventures Lot #J-MEB25058) & QC-7(SPEX Lot #8-92AS)
QC-19(SPEX Lot #8-67AS), HG stock Std. (SPEX Lot #7-147AS)

Concentration: mg/l

Metal	Date	LCS True Conc.	Result	%RC	Method
Aluminum	03/15/96	2.00	1.90	95	6010
Arsenic	03/15/96	0.0800	0.0832	104	7060
Barium	03/15/96	2.00	1.95	97	6010
Cadmium	03/18/96	2.00	1.81	90	6010
Chromium	03/15/96	2.00	1.92	96	6010
Copper	03/15/96	2.00	1.89	94	6010
Iron	03/15/96	2.00	1.93	97	6010
Lead	03/15/96	0.0240	0.0236	98	7421
Manganese	03/27/96	2.00	1.88	94	6010
Mercury	03/15/96	0.00200	0.00207	104	7470
Nickel	03/18/96	2.00	1.92	96	6010
Zinc	03/15/96	2.00	1.89	95	6010
Calcium	03/18/96	2.00	2.18	109	6010
Magnesium	03/15/96	2.00	1.95	97	6010
Potassium	03/15/96	20.0	19.2	96	6010
Sodium	03/15/96	2.00	2.17	108	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 0 out of 16 outside limits.

Control Limits for Laboratory Control Check Sample are 80-120%.

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ICP SERIAL DILUTIONS

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU - Quarterly Sampling
Project Address: MW5-01, Los Angeles Street
Irwindale, CA

Report Date: 04/02/96
Lab P.N.: L3180
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Concentration Unit: mg/l

Metal	Initial Sample Result	Serial Dilution Result	% DIFF	Method
Barium	0.0824	0.0896	9	6010
Calcium	42.5	46.1	8	6010
Magnesium	9.77	10.7	10	6010
Sodium	20.8	21.8	5	6010

%DIFF = % Difference
Series dilution (1:4 with blank water) must be performed for each batch of samples using one representative sample.
%DIFF = [(Sample Result - Series Dilution Result)/Sample Result] X 100

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1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274

Formerly Terra Tech Labs

LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	4/2/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3180
		Client P.N.:	2581-112-T4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/11/96
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Received:	3/11/96
		Date Analyzed:	3/11/96-3/18/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Alkalinity (EPA 310.1)	M	81	-	80-120	-	-
Chloride (EPA 300.0)	M	76*	-	80-120	-	0-20
Nitrate-N (EPA 300.0)	M	94	-	80-120	-	0-20
Nitrite-N (EPA 300.0)	M	95	-	80-120	-	0-20
Sulfate (EPA 300.0)	M	96	-	80-120	-	0-20
Chloride (EPA 300.0)	L	94	96	80-120	2	0-20

*MS was not within acceptable QC limits due to possible matrix interferences; LCS was within acceptable limits.

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/2/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3180
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/11/96
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Analyzed:	3/12/96-3/14/96
		Physical State:	Liquid

	Alkalinity		Total Dissolved Solids	Total Suspended Solids
	Bicarbonate EPA 310.1	Carbonate EPA 310.1	EPA 160.1	EPA 160.2
Client Sample ID	mg/l	mg/l	mg/l	mg/l
BP-GW-MW50101-031196	170	ND	260	ND
Quantitation Limits mg/l	1.0	1.0	12	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/2/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3180
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/11/96
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Analyzed:	3/11/96-3/18/96
		Physical State:	Liquid

Client Sample ID	Sulfate EPA 300.0 mg/l	Chloride EPA 300.0 mg/l	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l	Hardness EPA 130.2 mg/l
BP-GW-MW50101-031196	27	12	ND	0.37	150
Quantitation Limits mg/l	1.0	0.25	0.25	0.25	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 3/25/96

RECEIVED: 3/12/96

LABORATORY NO. 89938

SAMPLE: Water/2

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-MW50101-031196	126	+/- 15
BP-GW-MW50102-031196	103	+/- 12

Date Analyzed: 3/12/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

CHAIN-OF-CUSTODY RECORD

Client: CDM

Date: 03-11-96

Page 1 of 1

Project Name: BPOU - Quarterly Sampling

Client Reference #: 2581-112-T4-SAMP

Project Address: MW5-01

Los Angeles St., Irwindale

Project Contact (please print): Suzanne Rowe / B. Wells

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Lab Use Only
Lab Job # L3180
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon 222 - Draft EPA 913	VOCs - EPA 8021	*Metals (Al, As, Ba, Ca, Cr, Cu, Fe, Pb, Mn, Ni, Zn, Hg) - 6010 & 7000	*Cations (Ca, Mg, K, Na) - 6010	TDS, TSS - 160.1/160.2	Anions (Cl, SO4, NO3, NO2, PO4) - 300.0	Alkalinity (CO3, HCO3) - 310.2	Hardness - 130.2	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-MW50101-031196	2012 1495-1505	03-11-96	1200	L	X								1	125ml French. Sg. bottle-no pres.	L3180-1
↓		03-11-96	1250	L		X							3	40ml VOAs w/HCl	-2
		03-11-96	1200	L			X	X	X	X	X	X	1	1l poly - no pres.	-3
BP-GW-MW50102-031196	2012 1387-1397	03-11-96	~~1435~~ 1515 BW	L	X								1	125ml French Sg. bottle-no pres.	-4
↓		03-11-96	~~1435~~ 1515 BW	L		X							3	40ml VOAs w/HCl	-5

❶ Relinquished by (signature)* Barbara Wells	❷ Received by (signature) Gale McKenzie	Date 3-11-96	Total Number of Containers 9 BW
Company	Company FAST MESSENGER	Time 3:30PM	
❸ Relinquished by (signature)* Gale McKenzie	❹ Received by Laboratory (signature) J Paoli	Date 3-11-96	
Company FAST MESSENGER	Laboratory Name TMA-SA	Time 16:30pm	

Special Instructions
* Filter at lab immediately - 0.45 µm filter CLP-like deliverables

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800.377.2322
Fax 714.757.7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
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TMA
Thermo Analytical

2 1920 E. Deere Avenue
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Formerly Terra Tech Labs

April 17, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: Revised CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3181

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 3/11/96 were analyzed by Thermo Analytical for: Volatile Organic Compounds (VOC's) by EPA Method 8021, Metals by EPA 6000/7000 methods and various Wet Chemistry parameters.

The EPA Method 8021 samples taken on 3/11/96 were analyzed 3/14/96 - 3/15/96 which is within the allowable method holding time. Some of the samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The Metals were analyzed 3/15/96 - 3/27/96. The matrix spike percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample. The post spike sample percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley

Don Burley
Program Manager

Enclosure

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/22/96
Client:	CDM, Inc.	Lab P.N.:	L3181
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/11/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/11/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	23:14
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50102N-031196	Lab Sample ID:	L3181-3

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/22/96
Client:	CDM, Inc.	Lab P.N.:	L3181
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/11/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/11/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	23:14
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50102N-031196	Lab Sample ID:	L3181-3

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/22/96
Client:	CDM, Inc.	Lab P.N.:	L3181
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	18:27
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/14 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/22/96
Client:	CDM, Inc.	Lab P.N.:	L3181
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	18:27
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/14 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 SURROGATE RECOVERY

Lab:	Thermo Analytical	Report Date:	03/22/96
Client:	CDM, Inc.	Lab P.N.:	L3181
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/14/96-03/15/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-01 Los Angeles Street Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	100	94	109
CCV	97	95	104
Method Blank	103	99	110
L3181-3	104	103	108
LCS	104	97	107
MS	90	86	106
MSD	88	82	98
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab:	Thermo Analytical	Report Date:	03/22/96
Client:	CDM, Inc.	Lab P.N.:	L3181
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	3/15/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-01 Los Angeles Street Irwindale, CA		
Matrix:	Liquid		
		Lab Sample ID:	L3186-1

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	0.2	21.9	108		74-121
Toluene	20.0	1.1	21.8	103		72-121
Ethylbenzene	20.0	2.5	23.6	106		72-117
o-Xylene	20.0	1.9	22.9	105		66-124
1,1-Dichloroethane	20.0	0.0	20.0	100		73-121
1,1,1-Trichloroethane	20.0	0.3	18.5	91		72-126
cis-1,3-Dichloropropene	20.0	0.0	17.8	89		58-124
Chlorobenzene	20.0	0.0	18.9	95		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	20.6	102		6		0-10	74-121
Toluene	20.0	20.9	99		4		0-16	72-121
Ethylbenzene	20.0	22.7	101		5		0-14	72-117
o-Xylene	20.0	22.1	101		4		0-14	66-124
1,1-Dichloroethane	20.0	19.8	99		1		0-18	73-121
1,1,1-Trichloroethane	20.0	19.2	94		3		0-15	72-126
cis-1,3-Dichloropropene	20.0	18.1	91		2		0-22	58-124
Chlorobenzene	20.0	18.7	94		1		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 LABORATORY CONTROL SAMPLE RECOVERY

Lab:	Thermo Analytical	Report Date:	03/22/96
Client:	CDM, Inc.	Lab P.N.:	L3181
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/14/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-01 Los Angeles Street Irwindale, CA		
Matrix:	Liquid		
LCS Source:	Ultra Scientific		
Lab Sample ID:	LCS		

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	22.7	114	75-125
Toluene	20.0	22.0	110	75-125
Ethylbenzene	20.0	22.6	113	75-125
o-Xylene	20.0	22.7	114	75-125
1,1-Dichloroethane	20.0	22.7	114	75-125
1,1,1-Trichloroethane	20.0	22.3	112	75-125
cis-1,3-Dichloropropene	20.0	23.1	116	75-125
Chlorobenzene	20.0	23.2	116	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	03/22/96
		Lab P.N.:	L3181
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/14/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4500	3
Chloromethane	9103	10	9336	3
Vinyl chloride	7475	9	8276	11
Bromomethane	4053	10	4371	8
Chloroethane	8231	9	8895	8
Trichlorofluoromethane	11964	9	12642	6
1,1-Dichloroethene	11045	9	11717	6
Methylene chloride	14825	12	15187	2
trans-1,2-Dichloroethene	11709	10	12390	6
1,1-Dichloroethane	11841	10	12696	7
cis-1,2-Dichloroethene	12091	9	12582	4
2,2-Dichloropropane	10669	12	11365	7
Bromochloromethane	8662	11	9044	4
Chloroform	15533	10	15999	3
1,1,1-Trichloroethane	14156	10	14438	2
Carbon tetrachloride	16313	9	17206	5
1,1-Dichloropropene	5579	14	6167	11
1,2-Dichloroethane	11607	9	11875	2
Trichloroethene	14474	8	14607	1
1,2-Dichloropropane	11206	8	11629	4
Dibromomethane	5500	11	5773	5
Bromodichloromethane	11224	9	11553	3
2-Chloroethyl vinyl ether	5579	14	6167	11
cis-1,3-Dichloropropene	9669	9	10317	7
trans-1,3-Dichloropropene	8941	8	9415	5
1,1,2-Trichloroethane	11768	6	11995	2
Tetrachloroethene	13939	9	13943	0
1,3-Dichloropropane	9412	8	9621	2
Dibromochloromethane	7533	13	7699	2
1,2-Dibromoethane	5371	8	5160	4
Chlorobenzene	5594	8	5677	1
1,1,1,2-Tetrachloroethane	13135	8	13854	5
Bromoform	5407	14	5530	2
1,1,2,2-Tetrachloroethane	9429	10	9138	3
1,2,3-Trichloropropane	7711	10	7336	5
2-Chlorotoluene	4767	8	4887	3
4-Chlorotoluene	4825	7	4930	2
1,3-Dichlorobenzene	7645	8	7860	3
1,4-Dichlorobenzene	8104	8	8250	2
1,2-Dichlorobenzene	7800	7	8085	4

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	03/22/96
		Lab P.N.:	L3181
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/14/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2506	1
1,2,4-Trichlorobenzene	8865	8	9238	4
Hexachlorobutadiene	12492	9	12880	3
1,2,3-Trichlorobenzene	8957	8	9217	3
Benzene	3199	5	3546	11
Toluene	3013	5	3262	8
Ethylbenzene	2654	5	2951	11
p,m-Xylenes	3095	3	3423	11
o-Xylene	2666	4	2958	11
Styrene	3501	3	3799	9
Isopropylbenzene	1967	7	2222	13
Bromobenzene	3251	3	3545	9
Propylbenzene	2841	13	2961	4
1,3,5-Trimethylbenzene	3661	3	4064	11
tert-Butylbenzene	2109	5	2287	8
1,2,4-Trimethylbenzene	2784	3	3091	11
sec-Butylbenzene	2178	3	2419	11
4-Isopropyltoluene	2137	4	2324	9
n-Butylbenzene	2350	2	2590	10
Naphthalene	2501	14	2531	1

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	04/02/96
		Lab P.N.:	L3180
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/15/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4435	1
Chloromethane	9103	10	8863	3
Vinyl chloride	7475	9	8179	9
Bromomethane	4053	10	4330	7
Chloroethane	8231	9	8798	7
Trichlorofluoromethane	11964	9	12777	7
1,1-Dichloroethene	11045	9	11696	6
Methylene chloride	14825	12	15204	3
trans-1,2-Dichloroethene	11709	10	12152	4
1,1-Dichloroethane	11841	10	12493	6
cis-1,2-Dichloroethene	12091	9	12564	4
2,2-Dichloropropane	10669	12	11356	6
Bromochloromethane	8662	11	8806	2
Chloroform	15533	10	15952	3
1,1,1-Trichloroethane	14156	10	14496	2
Carbon tetrachloride	16313	9	16962	4
1,1-Dichloropropene	5579	14	6209	11
1,2-Dichloroethane	11607	9	11554	0
Trichloroethene	14474	8	14729	2
1,2-Dichloropropane	11206	8	11397	2
Dibromomethane	5500	11	5841	6
Bromodichloromethane	11224	9	11560	3
2-Chloroethyl vinyl ether	5579	14	6209	11
cis-1,3-Dichloropropene	9669	9	10205	6
trans-1,3-Dichloropropene	8941	8	9366	5
1,1,2-Trichloroethane	11768	6	11930	1
Tetrachloroethene	13939	9	14294	3
1,3-Dichloropropane	9412	8	9557	2
Dibromochloromethane	7533	13	8002	6
1,2-Dibromoethane	5371	8	5318	1
Chlorobenzene	5594	8	5690	2
1,1,1,2-Tetrachloroethane	13135	8	13707	4
Bromoform	5407	14	5564	3
1,1,2,2-Tetrachloroethane	9429	10	9024	4
1,2,3-Trichloropropane	7711	10	7191	7
2-Chlorotoluene	4767	8	5039	6
4-Chlorotoluene	4825	7	5084	5
1,3-Dichlorobenzene	7645	8	7949	4
1,4-Dichlorobenzene	8104	8	8226	2
1,2-Dichlorobenzene	7800	7	7909	1

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	04/02/96
		Lab P.N.:	L3180
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/15/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2555	3
1,2,4-Trichlorobenzene	8865	8	9063	2
Hexachlorobutadiene	12492	9	12921	3
1,2,3-Trichlorobenzene	8957	8	8871	1
Benzene	3199	5	3523	10
Toluene	3013	5	3234	7
Ethylbenzene	2654	5	2935	11
p,m-Xylenes	3095	3	3388	9
o-Xylene	2666	4	2914	9
Styrene	3501	3	3727	6
Isopropylbenzene	1967	7	2204	12
Bromobenzene	3251	3	3450	6
Propylbenzene	2841	13	3132	10
1,3,5-Trimethylbenzene	3661	3	4003	9
tert-Butylbenzene	2109	5	2257	7
1,2,4-Trimethylbenzene	2784	3	3033	9
sec-Butylbenzene	2178	3	2395	10
4-Isopropyltoluene	2137	4	2286	7
n-Butylbenzene	2350	2	2576	10
Naphthalene	2501	14	2645	6

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/22/96
Client:	CDM, Inc.	Lab P.N.:	L3181
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/11/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/11/96
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Analyzed:	3/15/96-3/27/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50102-031196	Lab Sample ID:	L3181-1

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.119	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00191	
Copper	Copper	6010	0.00580	
Iron	Iron	6010	0.0225	U
Lead	Lead	7421	0.000680	
Manganese	Manganese	6010	0.00280	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00527	
Zinc	Zinc	6010	0.0743	
Calcium	Calcium	6010	40.5	
Magnesium	Magnesium	6010	13.5	
Potassium	Potassium	6010	3.93	
Sodium	Sodium	6010	28.2	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/22/96
Client:	CDM, Inc.	Lab P.N.:	L3181
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/11/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/11/96
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Analyzed:	3/15/96-3/27/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50102N-031196	Lab Sample ID:	L3181-2

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.3580	
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.00386	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00317	
Copper	Copper	6010	0.5370	
Iron	Iron	6010	0.0639	
Lead	Lead	7421	0.001040	
Manganese	Manganese	6010	0.00330	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.7090	
Zinc	Zinc	6010	0.9500	
Calcium	Calcium	6010	0.511	
Magnesium	Magnesium	6010	0.131	
Potassium	Potassium	6010	0.358	U
Sodium	Sodium	6010	0.814	

Comments:

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU - Quarterly Sampling
Project Address: MW5-01 Los Angeles Street
Irwindale, CA

Report Date: 03/22/96
Lab P.N.: L3181
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum	2.50	2.52	101	1.00	1.07	107	1.04	104	6010
Arsenic	0.0250	0.0255	102	0.0250	0.0251	100	0.0251	100	7060
Barium	2.50	2.58	103	1.00	1.03	103	1.03	103	6010
Cadmium	1.25	1.22	98	2.50	2.43	98	2.57	103	6010
Chromium	2.50	2.42	97	2.50	2.61	104	2.60	104	6010
Copper	2.50	2.44	98	2.50	2.51	100	2.87	98	6010
Iron	2.50	2.47	99	2.50	2.60	104	2.54	102	6010
Lead	0.0250	0.0255	102	0.0250	0.0244	98	0.0245	98	7421
Manganese	2.50	2.67	107	2.50	2.54	102	2.63	105	6010
Nickel	2.50	2.50	100	2.50	2.51	100	2.67	106	6010
Zinc	2.50	2.36	95	2.50	2.61	104	2.65	106	6010
Mercury	0.00500	0.00475	95	0.00300	0.00302	101	0.00314	105	7470
Calcium	25.0	24.0	96	2.50	2.33	94	2.53	101	6010
Magnesium	25.0	24.8	99	2.50	2.58	104	2.53	102	6010
Potassium	25.0	25.0	100	10.0	10.2	102	9.93	99	6010
Sodium	25.0	25.3	101	1.00	1.02	102	1.02	102	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU - Quarterly Sampling
Project Address: MW5-01 Los Angeles Street
Irwindale, CA

Report Date: 03/22/96
Lab P.N.: L3181
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				1.00	1.04	104	1.04	104	6010
Arsenic				0.0250	0.0260	104	0.0256	102	7060
Barium				1.00	1.05	105	1.04	104	6010
Cadmium				2.50	2.74	110	2.75	110	6010
Chromium				2.50	2.60	104	2.65	106	6010
Copper				2.50	2.49	99	2.47	98	6010
Iron				2.50	2.53	102	2.56	103	6010
Lead				0.0250	0.0247	99	0.0246	98	7421
Manganese				2.50	2.60	104	2.61	104	6010
Nickel				2.50	2.68	107	2.70	108	6010
Zinc				2.50	2.65	106	2.71	108	6010
Mercury				0.00300	0.00307	102	0.00323	108	7470
Calcium				2.50	2.68	108	2.70	108	6010
Magnesium				2.50	2.54	102	2.55	102	6010
Potassium				10.0	9.82	98	9.83	98	6010
Sodium				1.00	1.04	104	1.03	103	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	03/22/96
Client:	CDM, Inc.	Lab P.N.:	L3181
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-01 Los Angeles Street Irwindale, CA		

Matrix: Liquid
Date Analyzed: 3/15/96-3/27/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum	0.0437	U	0.0437	U	0.0437	U	0.0437	U	0.0437	U	6010
Arsenic	0.00299	U	0.00299	U	0.00299	U	0.00299	U	0.00299	U	7060
Barium	0.00167		0.00034	U	0.00034	U	0.00034	U	0.00337		6010
Cadmium	0.0017	U	0.0017	U	0.0017	U	0.0017	U	0.0017	U	6010
Chromium	0.0018	U	0.0018	U	0.00239		0.0018	U	0.00227		6010
Copper	0.0027	U	0.0027	U	0.0027	U	0.0027	U	0.00431		6010
Iron	0.0225	U	0.0225	U	0.0225	U	0.0225	U	0.0225	U	6010
Lead	0.000636	U	0.000636	U	0.000636	U	0.000636	U	0.000636	U	7421
Manganese	0.00200	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	6010
Mercury	0.000173	U	0.000173	U	0.000173	U	0.000173	U	0.000173	U	7470
Nickel	0.0047	U	0.0047	U	0.0047	U	0.0047	U	0.0047	U	6010
Zinc	0.0175	U	0.0175	U	0.0175	U	0.0175	U	0.0175	U	6010
Calcium	0.102	U	0.102	U	0.102	U	0.102	U	0.459		6010
Magnesium	0.0379	U	0.0379	U	0.0379	U	0.0379	U	0.132		6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium	0.108	U	0.108	U	0.108	U	0.108	U	0.108	U	6010

TMA
Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	03/22/96
Client:	CDM, Inc.	Lab P.N.:	L3181
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-01 Los Angeles Street Irwindale, CA		
Matrix:	Liquid		
Date Analyzed:	03/15/96-03/27/96		
Concentration:	mg/l		

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum			0.0437	U							6010
Arsenic			0.00299	U							7060
Barium			0.00134	U							6010
Cadmium			0.0017	U							6010
Chromium			0.00205								6010
Copper			0.0027	U							6010
Iron			0.0225	U							6010
Lead			0.000636	U							7421
Manganese			0.0020	U							6010
Mercury			0.000173	U							7470
Nickel			0.0047	U							6010
Zinc			0.0175	U							6010
Calcium			0.102	U							6010
Magnesium			0.0379	U							6010
Potassium			0.358	U							6010
Sodium			0.108	U							6010

TMA
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ICP INTERFERENCE CHECK SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU - Quarterly Sampling
Project Address: MW5-01 Los Angeles Street
Irwindale, CA
Concentration Unit: mg/l

Report Date: 03/22/96
Lab P.N.: L3181
Client P.N.: 2581-112-T4-SAMP

Analyte	Initial True Sol. AB	Initial Found Sol. AB	Initial %R	Final True Sol. AB	Final Found Sol. AB	Final %R
Aluminum	500	480	96	500	479	96
Barium	0.500	0.462	93	0.500	0.471	94
Cadmium	1.00	0.888	89	1.00	1.02	102
Chromium	0.500	0.466	93	0.500	0.467	94
Copper	0.500	0.454	91	0.500	0.446	89
Iron	200	168	84	200	165	83
Manganese	0.500	0.423	85	0.500	0.460	80
Nickel	1.00	0.842	84	1.00	0.900	90
Zinc	1.00	0.943	94	1.00	0.960	96
Calcium	500	429	86	500	490	98
Magnesium	500	471	94	500	469	94

%R control limits = 80 - 120 %.

TMA
Thermo Analytical

METALS SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU - Quarterly Sampling
Project Address: MW5-01 Los Angeles Street
Irwindale, CA

Report Date: 03/22/96
Lab P.N.: L3181
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3193-3
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/15/96	2.000	0.129	1.91	89	6010
Arsenic	03/15/96	0.0800	0.000	0.0928	116	7060
Barium	03/15/96	2.000	0.0824	2.02	97	6010
Cadmium	03/18/96	2.000	0.000	1.93	96	6010
Chromium	03/15/96	2.000	0.00250	1.89	94	6010
Copper	03/15/96	2.000	0.00723	1.83	92	6010
Iron	03/15/96	2.000	0.0828	1.85	88	6010
Lead	03/15/96	0.0240	0.000	0.0233	97	7421
Manganese	03/27/96	2.000	0.00220	1.84	92	6010
Nickel	03/18/96	2.000	0.000	1.94	97	6010
Zinc	03/15/96	2.000	0.0283	1.90	94	6010
Mercury	03/15/96	0.0020	0.000	0.00204	102	7470
Calcium	03/18/96	2.000	42.5	45.4	148*	6010
Magnesium	03/15/96	2.000	9.77	11.7	98	6010
Potassium	03/15/96	20.00	2.64	21.5	94	6010
Sodium	03/15/96	2.000	20.8	22.9	104	6010

Column used to flag recovery values with an asterisk
*Value outside of control limits
Spike Recovery: 1 out of 16 outside limits.

Conc Spk = Concentration of Spike in Sample
%MS = Percent Recovery of MS
Control limits for Spike Samples are 75-125%.

TMA
Thermo Analytical

METALS POST SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU - Quarterly Sampling
Project Address: MW5-01 Los Angeles Street
Irwindale, CA

Report Date: 03/22/96
Lab P.N.: L3181
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Client Sample ID:
Lab Sample ID: L3193-3
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/15/96	5.00	0.129	5.24	105	6010
Arsenic	03/15/96	0.0200	0.000	0.0228	114	7060
Barium	03/15/96	5.00	0.0824	5.25	103	6010
Cadmium	03/18/96	5.00	0.000	5.54	111	6010
Chromium	03/15/96	5.00	0.00250	5.31	106	6010
Copper	03/15/96	5.00	0.00723	4.98	100	6010
Iron	03/15/96	5.00	0.0828	5.20	102	6010
Lead	03/15/96	0.0200	0.000	0.0197	99	7421
Manganese	03/27/96	5.00	0.00220	5.31	106	6010
Nickel	03/18/96	5.00	0.000	5.49	110	6010
Zinc	03/15/96	5.00	0.0283	5.52	110	6010
Calcium	03/18/96	5.00	42.5	52.7	202*	6010
Magnesium	03/15/96	5.00	9.77	15.8	121	6010
Potassium	03/15/96	50.0	2.64	51.6	98	6010
Sodium	03/15/96	5.00	20.8	26.9	122	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 1 out of 15 outside limits.

Conc Spk = Concentration of Spike in Sample.
%MS = Percent Recovery of MS.
Control limits for Post Digest Spike Samples are 75-125%.

TMA
Thermo Analytical

METALS DUPLICATES

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU - Quarterly Sampling
Project Address: MW5-01 Los Angeles Street
Irwindale, CA

Report Date: 03/22/96
Lab P.N.: L3181
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3193-3
Client Sample ID: BP-GW-MW50101-031196

Concentration Units: mg/l

Metal	Date Analyzed	Sample Result	Duplicate Result	RPD	Method
Calcium	03/18/96	42.5	42.5	0	6010
Magnesium	03/15/96	9.77	9.74	0	6010
Potassium	03/15/96	2.64	2.55	4	6010
Sodium	03/15/96	20.8	20.6	0	6010

*Value outside control limits

Control limits equal 0-20% if sample and duplicate concentrations >/= 5x MDL.
If both sample and duplicate concentrations are < MDL, then no control limt exists.

0 out of 4 outside limits

Comments: _____

TMA
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METALS LABORATORY CONTROL SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU - Quarterly Sampling
Project Address: MW5-01 Los Angeles Street
Irwindale, CA

Report Date: 03/22/96
Lab P.N.: L3181
Client P.N.: 2581-112-T4-SAMP

LCS Source: CR1-CRA-3 (Inorganic Ventures Lot #J-MEB25058) & QC-7(SPEX Lot #8-92AS)
QC-19(SPEX Lot #8-67AS), HG stock Std. (SPEX Lot #7-147AS)

Concentration: mg/l

Metal	Date	LCS True Conc.	Result	%RC	Method
Aluminum	03/15/96	2.00	1.90	95	6010
Arsenic	03/15/96	0.0800	0.0832	104	7060
Barium	03/15/96	2.00	1.95	97	6010
Cadmium	03/18/96	2.00	1.81	90	6010
Chromium	03/15/96	2.00	1.92	96	6010
Copper	03/15/96	2.00	1.89	94	6010
Iron	03/15/96	2.00	1.93	97	6010
Lead	03/15/96	0.0240	0.0236	98	7421
Manganese	03/27/96	2.00	1.88	94	6010
Mercury	03/15/96	0.00200	0.00207	104	7470
Nickel	03/18/96	2.00	1.92	96	6010
Zinc	03/15/96	2.00	1.89	95	6010
Calcium	03/18/96	2.00	2.18	109	6010
Magnesium	03/15/96	2.00	1.95	97	6010
Potassium	03/15/96	20.0	19.2	96	6010
Sodium	03/15/96	2.00	2.17	108	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 0 out of 16 outside limits.

Control Limits for Laboratory Control Check Sample are 80-120%.

TMA
Thermo Analytical

ICP SERIAL DILUTIONS

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU - Quarterly Sampling
Project Address: MW5-01 Los Angeles Street
Irwindale, CA

Report Date: 03/22/96
Lab P.N.: L3181
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Concentration Unit: mg/l

Metal	Initial Sample Result	Serial Dilution Result	% DIFF	Method
Barium	0.0824	0.0896	9	6010
Calcium	42.5	46.1	8	6010
Magnesium	9.77	10.7	10	6010
Sodium	20.8	21.8	5	6010

%DIFF = % Difference
Series dilution (1:4 with blank water) must be performed for each batch of samples using one representative sample.
%DIFF = [(Sample Result - Series Dilution Result)/Sample Result] X 100

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1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274

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LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	3/22/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3181
		Client P.N.:	2581-112-T4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/11/96
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Received:	3/11/96
		Date Analyzed:	3/11/96-3/18/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Alkalinity (EPA 310.1)	M	81	-	80-120	-	-
Chloride (EPA 300.0)	M	76*	-	80-120	-	-
Nitrate-N (EPA 300.0)	M	94	-	80-120	-	-
Nitrite-N (EPA 300.0)	M	95	-	80-120	-	-
Sulfate (EPA 300.0)	M	96	-	80-120	-	-
Chloride (EPA 300.0)	L	94	96	80-120	2	0-20

*MS was outside of acceptable QC limits due to possible matrix interferences; LCS was within acceptable limits.

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	3/22/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3181
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/11/96
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Analyzed:	3/12/96-3/14/96
		Physical State:	Liquid

Client Sample ID	Alkalinity Bicarbonate EPA 310.1 mg/l	Alkalinity Carbonate EPA 310.1 mg/l	Total Dissolved Solids EPA 160.1 mg/l	Total Suspended Solids EPA 160.2 mg/l
BP-GW-MW50102-031196	180	ND	270	ND
BP-GW-MW50102N-031196	ND	ND	ND	ND
Quantitation Limits mg/l	1.0	1.0	12	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	3/22/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3181
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/11/96
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Analyzed:	3/11/96-3/18/96
		Physical State:	Liquid

Client Sample ID	Sulfate EPA 300.0 mg/l	Chloride EPA 300.0 mg/l	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l	Hardness EPA 130.2 mg/l
BP-GW-MW50102-031196	29	12	ND	0.31	170
BP-GW-MW50102N-031196	ND	ND	ND	ND	80
Quantitation Limits mg/l	1.0	0.25	0.25	0.25	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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CHAIN-OF-CUSTODY RECORD

Client: CDM

Date: 03-11-96

Project Name: BPOU - Quarterly Sampling

Client Reference #: 2581-112-T4-SAMP

Project Address: MW5-01 Los Angeles St. Irwindale CA

Project Contact (please print): S. Rowe / B. Wells

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Page 1 of 1

Lab Use Only
Lab Job # L3181
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☒ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon - Draft 913	VOCs - EPA 8021	*Metals (Al, As, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Ni, Zn, Hg)	*Cations (Ca, Mg, K, Na)	TDS/TSS	Anions (Cl, SO4, NO3, NO2) - 300.0	Alkal. (CO3, HCO3) - 2320	Hardness - 130.2	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-MW50102-031196	Zone 2 1387-1397	03-11-96	1515	L			X	X	X	X	X	X	1	1l poly - no pres	L3181-1
BP-GW-MW50102N-031196		03-11-96	1545	L			X	X	X	X	X	X	1	1l poly - no pres.	-2
↓		03-11-96	1545	L	X								3	40ml VOA w/HCl	-3

❶ Relinquished by (signature)* Barbara Wells	❷ Received by (signature)	Date 03-11-96	5 Total Number of Containers
Company CDM	Company	Time	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date 3/11/95	
Company	Laboratory Name THERMO ANALYTICAL	Time 1740	

Special Instructions
* Filter at lab immediately - 0.45 µM filter CLP-like deliverables

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave.
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Tel 714.757.7022 800.377.2322
Fax 714.757.7274

Arizona Office
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Phoenix, Arizona 85034
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Formerly Terra Tech Labs

April 17, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: Revised CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3186

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 3/12/96 were analyzed by Thermo Analytical for: Volatile Organic Compounds (VOC's) by EPA Method 8021, Metals by EPA 6000/7000 methods and various Wet Chemistry parameters.

The EPA Method 8021 samples taken on 3/12/96 were analyzed 3/14/96 - 3/15/96 which is within the allowable method holding time. Some of the samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The Metals were analyzed 3/15/96 - 3/27/96. The matrix spike percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample. The post spike sample percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley

Don Burley
Program Manager

Enclosure

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/12/96
Project Name:	Baldwin Park Operable Unit	Date Received:	03/12/96
Project Address:	Los Angeles Street, Am-Vet site MW5-01	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	23:55
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50103-031296	Lab Sample ID:	L3186-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.85	
79-01-6	Trichloroethene	7.3	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/12/96
Project Name:	Baldwin Park Operable Unit	Date Received:	03/12/96
Project Address:	Los Angeles Street, Am-Vet site MW5-01	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	23:55
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50103-031296	Lab Sample ID:	L3186-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.21	
108-88-3	Toluene	1.1	
100-41-4	Ethylbenzene	2.5	
106-42-3/108-38-3	p,m-Xylenes	2.1	
95-47-6	o-Xylene	1.9	
100-42-5	Styrene	1.6	
98-82-8	Isopropylbenzene	0.39	
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.85	
108-67-8	1,3,5-Trimethylbenzene	0.57	
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/12/96
Project Name:	Baldwin Park Operable Unit	Date Received:	03/12/96
Project Address:	Los Angeles Street, Am-Vet site MW5-01	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	00:36
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50104-031296	Lab Sample ID:	L3186-4

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.62	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/12/96
Project Name:	Baldwin Park Operable Unit	Date Received:	03/12/96
Project Address:	Los Angeles Street, Am-Vet site MW5-01	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	00:36
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50104-031296	Lab Sample ID:	L3186-4

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.29	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
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TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/12/96
Project Name:	Baldwin Park Operable Unit	Date Received:	03/12/96
Project Address:	Los Angeles Street, Am-Vet site MW5-01	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	01:17
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50105-031296	Lab Sample ID:	L3186-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.73	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
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Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/12/96
Project Name:	Baldwin Park Operable Unit	Date Received:	03/12/96
Project Address:	Los Angeles Street, Am-Vet site MW5-01	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	01:17
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50105-031296	Lab Sample ID:	L3186-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.15	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
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Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/12/96
Project Name:	Baldwin Park Operable Unit	Date Received:	03/12/96
Project Address:	Los Angeles Street, Am-Vet site MW5-01	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	01:58
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50106-031296	Lab Sample ID:	L3186-12

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.75	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	7.0	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

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Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/12/96
Project Name:	Baldwin Park Operable Unit	Date Received:	03/12/96
Project Address:	Los Angeles Street, Am-Vet site MW5-01	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	01:58
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50106-031296	Lab Sample ID:	L3186-12

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.20	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
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Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/12/96
Project Name:	Baldwin Park Operable Unit	Date Received:	03/12/96
Project Address:	Los Angeles Street, Am-Vet site MW5-01	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	02:39
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50106N-031296	Lab Sample ID:	L3186-13

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/12/96
Project Name:	Baldwin Park Operable Unit	Date Received:	03/12/96
Project Address:	Los Angeles Street, Am-Vet site MW5-01	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	02:39
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50106N-031296	Lab Sample ID:	L3186-13

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.18	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.16	
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	Baldwin Park Operable Unit	Date Received:	NA
Project Address:	Los Angeles Street, Am-Vet site MW5-01	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	18:27
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/14 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	Baldwin Park Operable Unit	Date Received:	NA
Project Address:	Los Angeles Street, Am-Vet site MW5-01	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	18:27
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/14 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 SURROGATE RECOVERY

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/14/96-03/15/96
Project Name:	Baldwin Park Operable Unit		
Project Address:	Los Angeles Street, Am-Vet site MW5-01 Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	J&W, DB-VRX, 75m, 0.45mmID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	100	94	109
CCV	97	95	104
Method Blank	103	99	110
L3186-1	99	105	106
L3186-4	105	105	109
L3186-8	107	106	110
L3186-12	98	102	103
L3186-13	94	93	103
LCS	104	97	107
MS	90	86	106
MSD	88	82	98
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	3/16/96
Project Name:	Baldwin Park Operable Unit		
Project Address:	Los Angeles Street, Am-Vet site MW5-01 Irwindale, CA		
Matrix:	Liquid		
Client Sample:	BP-GW-MW50103-032196	Lab Sample ID:	L3186-1

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC. #	QC LIMITS REC.
Benzene	20.0	0.2	21.9	108	74-121
Toluene	20.0	1.1	21.8	103	72-121
Ethylbenzene	20.0	2.5	23.6	106	72-117
o-Xylene	20.0	1.9	22.9	105	66-124
1,1-Dichloroethane	20.0	0.0	20.0	100	73-121
1,1,1-Trichloroethane	20.0	0.3	18.5	91	72-126
cis-1,3-Dichloropropene	20.0	0.0	17.8	89	58-124
Chlorobenzene	20.0	0.0	18.9	95	52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	20.6	102	6	0-10	74-121
Toluene	20.0	20.9	99	4	0-16	72-121
Ethylbenzene	20.0	22.7	101	5	0-14	72-117
o-Xylene	20.0	22.1	101	4	0-14	66-124
1,1-Dichloroethane	20.0	19.8	99	1	0-18	73-121
1,1,1-Trichloroethane	20.0	19.2	94	3	0-15	72-126
cis-1,3-Dichloropropene	20.0	18.1	91	2	0-22	58-124
Chlorobenzene	20.0	18.7	94	1	0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 LABORATORY CONTROL SAMPLE RECOVERY

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/15/96
Project Name:	Baldwin Park Operable Unit		
Project Address:	Los Angeles Street, Am-Vet site MW5-01 Irwindale, CA		
Matrix:	Liquid		
LCS Source:	Ultra Scientific		
Lab Sample ID:	LCS		

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	22.7	114	75-125
Toluene	20.0	22.0	110	75-125
Ethylbenzene	20.0	22.6	113	75-125
o-Xylene	20.0	22.7	114	75-125
1,1-Dichloroethane	20.0	22.7	114	75-125
1,1,1-Trichloroethane	20.0	22.3	112	75-125
cis-1,3-Dichloropropene	20.0	23.1	116	75-125
Chlorobenzene	20.0	23.2	116	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	04/02/96
		Lab P.N.:	L3186
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/14/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4500	3
Chloromethane	9103	10	9336	3
Vinyl chloride	7475	9	8276	11
Bromomethane	4053	10	4371	8
Chloroethane	8231	9	8895	8
Trichlorofluoromethane	11964	9	12642	6
1,1-Dichloroethene	11045	9	11717	6
Methylene chloride	14825	12	15187	2
trans-1,2-Dichloroethene	11709	10	12390	6
1,1-Dichloroethane	11841	10	12696	7
cis-1,2-Dichloroethene	12091	9	12582	4
2,2-Dichloropropane	10669	12	11365	7
Bromochloromethane	8662	11	9044	4
Chloroform	15533	10	15999	3
1,1,1-Trichloroethane	14156	10	14438	2
Carbon tetrachloride	16313	9	17206	5
1,1-Dichloropropene	5579	14	6167	11
1,2-Dichloroethane	11607	9	11875	2
Trichloroethene	14474	8	14607	1
1,2-Dichloropropane	11206	8	11629	4
Dibromomethane	5500	11	5773	5
Bromodichloromethane	11224	9	11553	3
2-Chloroethyl vinyl ether	5579	14	6167	11
cis-1,3-Dichloropropene	9669	9	10317	7
trans-1,3-Dichloropropene	8941	8	9415	5
1,1,2-Trichloroethane	11768	6	11995	2
Tetrachloroethene	13939	9	13943	0
1,3-Dichloropropane	9412	8	9621	2
Dibromochloromethane	7533	13	7699	2
1,2-Dibromoethane	5371	8	5160	4
Chlorobenzene	5594	8	5677	1
1,1,1,2-Tetrachloroethane	13135	8	13854	5
Bromoform	5407	14	5530	2
1,1,2,2-Tetrachloroethane	9429	10	9138	3
1,2,3-Trichloropropane	7711	10	7336	5
2-Chlorotoluene	4767	8	4887	3
4-Chlorotoluene	4825	7	4930	2
1,3-Dichlorobenzene	7645	8	7860	3
1,4-Dichlorobenzene	8104	8	8250	2
1,2-Dichlorobenzene	7800	7	8085	4

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	04/02/96
		Lab P.N.:	L3186
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/14/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2506	1
1,2,4-Trichlorobenzene	8865	8	9238	4
Hexachlorobutadiene	12492	9	12880	3
1,2,3-Trichlorobenzene	8957	8	9217	3
Benzene	3199	5	3546	11
Toluene	3013	5	3262	8
Ethylbenzene	2654	5	2951	11
p,m-Xylenes	3095	3	3423	11
o-Xylene	2666	4	2958	11
Styrene	3501	3	3799	9
Isopropylbenzene	1967	7	2222	13
Bromobenzene	3251	3	3545	9
Propylbenzene	2841	13	2961	4
1,3,5-Trimethylbenzene	3661	3	4064	11
tert-Butylbenzene	2109	5	2287	8
1,2,4-Trimethylbenzene	2784	3	3091	11
sec-Butylbenzene	2178	3	2419	11
4-Isopropyltoluene	2137	4	2324	9
n-Butylbenzene	2350	2	2590	10
Naphthalene	2501	14	2531	1

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	04/02/96
		Lab P.N.:	L3180
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/15/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4435	1
Chloromethane	9103	10	8863	3
Vinyl chloride	7475	9	8179	9
Bromomethane	4053	10	4330	7
Chloroethane	8231	9	8798	7
Trichlorofluoromethane	11964	9	12777	7
1,1-Dichloroethene	11045	9	11696	6
Methylene chloride	14825	12	15204	3
trans-1,2-Dichloroethene	11709	10	12152	4
1,1-Dichloroethane	11841	10	12493	6
cis-1,2-Dichloroethene	12091	9	12564	4
2,2-Dichloropropane	10669	12	11356	6
Bromochloromethane	8662	11	8806	2
Chloroform	15533	10	15952	3
1,1,1-Trichloroethane	14156	10	14496	2
Carbon tetrachloride	16313	9	16962	4
1,1-Dichloropropene	5579	14	6209	11
1,2-Dichloroethane	11607	9	11554	0
Trichloroethene	14474	8	14729	2
1,2-Dichloropropane	11206	8	11397	2
Dibromomethane	5500	11	5841	6
Bromodichloromethane	11224	9	11560	3
2-Chloroethyl vinyl ether	5579	14	6209	11
cis-1,3-Dichloropropene	9669	9	10205	6
trans-1,3-Dichloropropene	8941	8	9366	5
1,1,2-Trichloroethane	11768	6	11930	1
Tetrachloroethene	13939	9	14294	3
1,3-Dichloropropane	9412	8	9557	2
Dibromochloromethane	7533	13	8002	6
1,2-Dibromoethane	5371	8	5318	1
Chlorobenzene	5594	8	5690	2
1,1,1,2-Tetrachloroethane	13135	8	13707	4
Bromoform	5407	14	5564	3
1,1,2,2-Tetrachloroethane	9429	10	9024	4
1,2,3-Trichloropropane	7711	10	7191	7
2-Chlorotoluene	4767	8	5039	6
4-Chlorotoluene	4825	7	5084	5
1,3-Dichlorobenzene	7645	8	7949	4
1,4-Dichlorobenzene	8104	8	8226	2
1,2-Dichlorobenzene	7800	7	7909	1

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	04/02/96
		Lab P.N.:	L3180
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/15/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2555	3
1,2,4-Trichlorobenzene	8865	8	9063	2
Hexachlorobutadiene	12492	9	12921	3
1,2,3-Trichlorobenzene	8957	8	8871	1
Benzene	3199	5	3523	10
Toluene	3013	5	3234	7
Ethylbenzene	2654	5	2935	11
p,m-Xylenes	3095	3	3388	9
o-Xylene	2666	4	2914	9
Styrene	3501	3	3727	6
Isopropylbenzene	1967	7	2204	12
Bromobenzene	3251	3	3450	6
Propylbenzene	2841	13	3132	10
1,3,5-Trimethylbenzene	3661	3	4003	9
tert-Butylbenzene	2109	5	2257	7
1,2,4-Trimethylbenzene	2784	3	3033	9
sec-Butylbenzene	2178	3	2395	10
4-Isopropyltoluene	2137	4	2286	7
n-Butylbenzene	2350	2	2576	10
Naphthalene	2501	14	2645	6

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/12/96
Project Name:	Baldwin Park Operable Unit	Date Received:	03/12/96
Project Address:	MW5-01, AM-Vet Site, Los Angeles Street Irwindale, CA	Date Analyzed:	03/15/96-03/27/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50103-031296	Lab Sample ID:	L3186-3

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.126	
Cadmium	Cadmium	6010	0.0017	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.0842	
Iron	Iron	6010	0.0401	
Lead	Lead	7421	0.00100	
Manganese	Manganese	6010	0.0188	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0310	
Calcium	Calcium	6010	29.2	
Magnesium	Magnesium	6010	11.2	
Potassium	Potassium	6010	4.61	
Sodium	Sodium	6010	41.9	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/12/96
Project Name:	Baldwin Park Operable Unit	Date Received:	03/12/96
Project Address:	MW5-01, AM-Vet Site, Los Angeles Street Irwindale, CA	Date Analyzed:	03/15/96-03/27/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50104-031296	Lab Sample ID:	L3186-5

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0729	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00658	
Iron	Iron	6010	0.0225	U
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.0020	U
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0268	
Calcium	Calcium	6010	23.8	
Magnesium	Magnesium	6010	12.9	
Potassium	Potassium	6010	4.11	
Sodium	Sodium	6010	26.0	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/12/96
Project Name:	Baldwin Park Operable Unit	Date Received:	03/12/96
Project Address:	MW5-01, AM-Vet Site, Los Angeles Street Irwindale, CA	Date Analyzed:	03/15/96-03/27/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50105-031296	Lab Sample ID:	L3186-9

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.110	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00269	
Copper	Copper	6010	0.00804	
Iron	Iron	6010	0.0259	
Lead	Lead	7421	0.00113	
Manganese	Manganese	6010	0.00200	U
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.0047	U
Zinc	Zinc	6010	0.0436	
Calcium	Calcium	6010	26.2	
Magnesium	Magnesium	6010	13.5	
Potassium	Potassium	6010	3.96	
Sodium	Sodium	6010	29.3	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/12/96
Project Name:	Baldwin Park Operable Unit	Date Received:	03/12/96
Project Address:	MW5-01, AM-Vet Site, Los Angeles Street Irwindale, CA	Date Analyzed:	03/15/96-03/27/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50106-031296	Lab Sample ID:	L3186-11

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0940	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00274	
Iron	Iron	6010	0.0468	
Lead	Lead	7421	0.00112	
Manganese	Manganese	6010	0.00200	U
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0626	
Calcium	Calcium	6010	40.9	
Magnesium	Magnesium	6010	11.3	
Potassium	Potassium	6010	2.75	
Sodium	Sodium	6010	19.0	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/12/96
Project Name:	Baldwin Park Operable Unit	Date Received:	03/12/96
Project Address:	MW5-01, AM-Vet Site, Los Angeles Street Irwindale, CA	Date Analyzed:	03/15/96-03/27/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50106N-031296	Lab Sample ID:	L3186-14

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.00419	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00268	
Copper	Copper	6010	0.00773	
Iron	Iron	6010	0.0324	
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.512	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	0.736	
Magnesium	Magnesium	6010	0.226	
Potassium	Potassium	6010	0.358	U
Sodium	Sodium	6010	0.688	

Comments:

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	Baldwin Park Operable Unit		
Project Address:	MW5-01, AM-Vet Site, Los Angeles Street Irwindale, CA		
Concentration:	mg/l		

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum	2.50	2.52	101	1.00	1.07	107	1.04	104	6010
Arsenic	0.0250	0.0255	102	0.0250	0.0251	100	0.0251	100	7060
Barium	2.50	2.58	103	1.00	1.03	103	1.03	103	6010
Cadmium	1.25	1.22	98	2.50	2.43	98	2.57	103	6010
Chromium	2.50	2.42	97	2.50	2.61	104	2.60	104	6010
Copper	2.50	2.44	98	2.50	2.51	100	2.87	98	6010
Iron	2.50	2.47	99	2.50	2.60	104	2.54	102	6010
Lead	0.0250	0.0255	102	0.0250	0.0244	98	0.0245	98	7421
Manganese	2.50	2.67	107	2.50	2.54	102	2.63	105	6010
Nickel	2.50	2.50	100	2.50	2.51	100	2.67	106	6010
Zinc	2.50	2.36	95	2.50	2.61	104	2.65	106	6010
Mercury	0.00500	0.00475	95	0.00300	0.00302	101	0.00314	105	7470
Calcium	25.0	24.0	96	2.50	2.33	94	2.53	101	6010
Magnesium	25.0	24.8	99	2.50	2.58	104	2.53	102	6010
Potassium	25.0	25.0	100	10.0	10.2	102	9.93	99	6010
Sodium	25.0	25.3	101	1.00	1.02	102	1.02	102	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: Baldwin Park Operable Unit
Project Address: MW5-01, AM-Vet Site, Los Angeles Street
Irwindale, CA

Report Date: 04/02/96
Lab P.N.: L3186
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				1.00	1.04	104	1.04	104	6010
Arsenic				0.0250	0.0260	104	0.0256	102	7060
Barium				1.00	1.05	105	1.04	104	6010
Cadmium				2.50	2.74	110	2.75	110	6010
Chromium				2.50	2.60	104	2.65	106	6010
Copper				2.50	2.49	99	2.47	98	6010
Iron				2.50	2.53	102	2.56	103	6010
Lead				0.0250	0.0247	99	0.0246	98	7421
Manganese				2.50	2.60	104	2.61	104	6010
Nickel				2.50	2.68	107	2.70	108	6010
Zinc				2.50	2.65	106	2.71	108	6010
Mercury				0.00300	0.00307	102	0.00323	108	7470
Calcium				2.50	2.68	108	2.70	108	6010
Magnesium				2.50	2.54	102	2.55	102	6010
Potassium				10.0	9.82	98	9.83	98	6010
Sodium				1.00	1.04	104	1.03	103	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	Baldwin Park Operable Unit		
Project Address:	MW5-01, AM-Vet Site, Los Angeles Street Irwindale, CA		

Matrix: Liquid
Date Analyzed: 3/15/96-3/27/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l) Conc.	C	Conc.	C	Conc.	C	Preparation Blank	C	Method
Aluminum	0.0437	U	0.0437	U	0.0437	U	0.0437	U	0.0437	U	6010
Arsenic	0.00299	U	0.00299	U	0.00299	U	0.00299	U	0.00299	U	7060
Barium	0.00167		0.00034	U	0.00034	U	0.00034	U	0.00337		6010
Cadmium	0.0017	U	0.0017	U	0.0017	U	0.0017	U	0.0017	U	6010
Chromium	0.0018	U	0.0018	U	0.00239		0.0018	U	0.00227		6010
Copper	0.0027	U	0.0027	U	0.0027	U	0.0027	U	0.00431		6010
Iron	0.0225	U	0.0225	U	0.0225	U	0.0225	U	0.0225	U	6010
Lead	0.000636	U	0.000636	U	0.000636	U	0.000636	U	0.000636	U	7421
Manganese	0.00200	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	6010
Mercury	0.000173	U	0.000173	U	0.000173	U	0.000173	U	0.000173	U	7470
Nickel	0.0047	U	0.0047	U	0.0047	U	0.0047	U	0.0047	U	6010
Zinc	0.0175	U	0.0175	U	0.0175	U	0.0175	U	0.0175	U	6010
Calcium	0.102	U	0.102	U	0.102	U	0.102	U	0.459		6010
Magnesium	0.0379	U	0.0379	U	0.0379	U	0.0379	U	0.132		6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium	0.108	U	0.108	U	0.108	U	0.108	U	0.108	U	6010

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Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	Baldwin Park Operable Unit		
Project Address:	MW5-01, AM-Vet Site, Los Angeles Street Irwindale, CA		
Matrix:	Liquid		
Date Analyzed:	3/15/96-3/27/96		
Concentration:	mg/l		

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum			0.0437	U							6010
Arsenic			0.00299	U							7060
Barium			0.00134	U							6010
Cadmium			0.0017	U							6010
Chromium			0.00205								6010
Copper			0.0027	U							6010
Iron			0.0225	U							6010
Lead			0.000636	U							7421
Manganese			0.0020	U							6010
Mercury			0.000173	U							7470
Nickel			0.0047	U							6010
Zinc			0.0175	U							6010
Calcium			0.102	U							6010
Magnesium			0.0379	U							6010
Potassium			0.358	U							6010
Sodium			0.108	U							6010

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ICP INTERFERENCE CHECK SAMPLE

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	Baldwin Park Operable Unit		
Project Address:	MW5-01, AM-Vet Site, Los Angeles Street Irwindale, CA		
Concentration Unit:	mg/l		

	Initial			Final		
Analyte	True Sol. AB	Found Sol. AB	%R	True Sol. AB	Found Sol. AB	%R
Aluminum	500	480	96	500	479	96
Barium	0.500	0.462	93	0.500	0.471	94
Cadmium	1.00	0.888	89	1.00	1.02	102
Chromium	0.500	0.466	93	0.500	0.467	94
Copper	0.500	0.454	91	0.500	0.446	89
Iron	200	168	84	200	165	83
Manganese	0.500	0.423	85	0.500	0.460	80
Nickel	1.00	0.842	84	1.00	0.900	90
Zinc	1.00	0.943	94	1.00	0.960	96
Calcium	500	429	86	500	490	98
Magnesium	500	471	94	500	469	94

%R control limits = 80 - 120 %.

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METALS SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: Baldwin Park Operable Unit
Project Address: MW5-01, AM-Vet Site, Los Angeles Street
Irwindale, CA

Report Date: 04/02/96
Lab P.N.: L3186
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3193-3
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/15/96	2.000	0.129	1.91	89	6010
Arsenic	03/15/96	0.0800	0.000	0.0928	116	7060
Barium	03/15/96	2.000	0.0824	2.02	97	6010
Cadmium	03/18/96	2.000	0.000	1.93	96	6010
Chromium	03/15/96	2.000	0.00250	1.89	94	6010
Copper	03/15/96	2.000	0.00723	1.83	92	6010
Iron	03/15/96	2.000	0.0828	1.85	88	6010
Lead	03/15/96	0.0240	0.000	0.0233	97	7421
Manganese	03/27/96	2.000	0.00220	1.84	92	6010
Nickel	03/18/96	2.000	0.000	1.94	97	6010
Zinc	03/15/96	2.000	0.0283	1.90	94	6010
Mercury	03/15/96	0.0020	0.000	0.00204	102	7470
Calcium	03/18/96	2.000	42.5	45.4	148*	6010
Magnesium	03/15/96	2.000	9.77	11.7	98	6010
Potassium	03/15/96	20.00	2.64	21.5	94	6010
Sodium	03/15/96	2.000	20.8	22.9	104	6010

Column used to flag recovery values with an asterisk
*Value outside of control limits
Spike Recovery: 1 out of 16 outside limits.

Conc Spk = Concentration of Spike in Sample
%MS = Percent Recovery of MS
Control limits for PSpike Samples are 75-125%.

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METALS POST SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: Baldwin Park Operable Unit
Project Address: MW5-01, AM-Vet Site, Los Angeles Street
Irwindale, CA

Report Date: 04/02/96
Lab P.N.: L3186
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3193-3
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/15/96	5.00	0.129	5.24	105	6010
Arsenic	03/15/96	0.0200	0.0000	0.0228	114	7060
Barium	03/15/96	5.00	0.0824	5.25	103	6010
Cadmium	03/18/96	5.00	0.0000	5.54	111	6010
Chromium	03/15/96	5.00	0.00250	5.31	106	6010
Copper	03/15/96	5.00	0.00723	4.98	100	6010
Iron	03/15/96	5.00	0.0828	5.20	102	6010
Lead	03/15/96	0.0200	0.0000	0.0197	99	7421
Manganese	03/27/96	5.00	0.00220	5.31	106	6010
Nickel	03/18/96	5.00	0.0000	5.49	110	6010
Zinc	03/15/96	5.00	0.0283	5.52	110	6010
Calcium	03/18/96	5.00	42.5	52.7	202*	6010
Magnesium	03/15/96	5.00	9.77	15.8	121	6010
Potassium	03/15/96	50.0	2.64	51.6	98	6010
Sodium	03/15/96	5.00	20.8	26.9	122	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 1 out of 15 outside limits.

Conc Spk = Concentration of Spike in Sample.
%MS = Percent Recovery of MS.
Control limits for Post Digest Spike Samples are 75-125%.

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METALS DUPLICATES

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: Baldwin Park Operable Unit
Project Address: MW5-01, AM-Vet Site, Los Angeles Street
Irwindale, CA

Report Date: 04/02/96
Lab P.N.: L3186
Client P.N.: 2581-112-T4-SAMP
Date Analyzed: 3/15/96-3/18/96

Matrix: Liquid
Lab Sample ID: L3193-3
Client Sample ID: BP-GW-MW50101-031196

Concentration Units: mg/l

Metal	Date Analyzed	Sample Result	Duplicate Result	RPD	Method
Calcium	03/18/96	42.5	42.5	0	6010
Magnesium	03/15/96	9.77	9.74	0	6010
Potassium	03/15/96	2.64	2.55	4	6010
Sodium	03/15/96	20.8	20.6	0	6010

*Value outside control limits

Control limits equal 0-20% if sample and duplicate concentrations >/= 5x MDL.
If both sample and duplicate concentrations are < MDL, then no control limt exists.

0 out of 4 outside limits

Comments: _____

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METALS LABORATORY CONTROL SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: Baldwin Park Operable Unit
Project Address: MW5-01, AM-Vet Site, Los Angeles Street
Irwindale, CA

Report Date: 04/02/96
Lab P.N.: L3186
Client P.N.: 2581-112-T4-SAMP

LCS Source: CR1-CRA-3 (Inorganic Ventures Lot #J-MEB25058) & QC-7(SPEX Lot #8-92AS)
QC-19(SPEX Lot #8-67AS), HG stock Std. (SPEX Lot #7-147AS)

Concentration: mg/l

Metal	Date	LCS True Conc.	Result	%RC	Method
Aluminum	03/15/96	2.00	1.90	95	6010
Arsenic	03/15/96	0.0800	0.0832	104	7060
Barium	03/15/96	2.00	1.95	97	6010
Cadmium	03/18/96	2.00	1.81	90	6010
Chromium	03/15/96	2.00	1.92	96	6010
Copper	03/15/96	2.00	1.89	94	6010
Iron	03/15/96	2.00	1.93	97	6010
Lead	03/15/96	0.0240	0.0236	98	7421
Manganese	03/27/96	2.00	1.88	94	6010
Mercury	03/15/96	0.00200	0.00207	104	7470
Nickel	03/18/96	2.00	1.92	96	6010
Zinc	03/15/96	2.00	1.89	95	6010
Calcium	03/18/96	2.00	2.18	109	6010
Magnesium	03/15/96	2.00	1.95	97	6010
Potassium	03/15/96	20.0	19.2	96	6010
Sodium	03/15/96	2.00	2.17	108	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 0 out of 16 outside limits.

Control Limits for Laboratory Control Check Sample are 80-120%.

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ICP SERIAL DILUTIONS

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3186
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	Baldwin Park Operable Unit		
Project Address:	MW5-01, AM-Vet Site, Los Angeles Street Irwindale, CA		
Matrix:	Liquid		
Concentration Unit:	mg/l		

Metal	Initial Sample Result	Serial Dilution Result	% DIFF	Method
Barium	0.0824	0.0896	9	6010
Calcium	42.5	46.1	8	6010
Magnesium	9.77	10.7	10	6010
Sodium	20.8	21.8	5	6010

%DIFF = % Difference
Series dilution (1:4 with blank water) must be performed for each batch of samples using one representative sample.
%DIFF = [(Sample Result - Series Dilution Result)/Sample Result] X 100

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1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274

Formerly Terra Tech Labs

LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	4/2/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3186
		Client P.N.:	2581-112-T4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	Baldwin Park Operable Unit	Date Sampled:	3/12/96
Project Address:	Los Angeles Street, AM-Vet Site, MW5-01 Irwindale, CA	Date Received:	3/12/96
		Date Analyzed:	3/13/96-3/18/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Alkalinity (EPA 310.1)	M	81	-	80-120	-	-
Chloride (EPA 300.0)	M	78*	80	80-120	2	0-20
Nitrate-N (EPA 300.0)	M	92	93	80-120	1	0-20
Nitrite-N (EPA 300.0)	M	94	96	80-120	2	0-20
Sulfate (EPA 300.0)	M	96	95	80-120	1	0-20
Chloride (EPA 300.0)	L	94	98	80-120	4	0-20

*MS was outside of acceptable QC limits due to possible matrix interferences; LCS was within acceptable limits.

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/2/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3186
		Client P.N.:	2581-112-T4-SAMP
Project Name:	Baldwin Park Operable Unit	Date Sampled:	3/12/96
Project Address:	Los Angeles Street, AM-Vet Site, MW5-01 Irwindale, CA	Date Analyzed:	3/14/96-3/15/96
		Physical State:	Liquid

Client Sample ID	Alkalinity Bicarbonate EPA 310.1 mg/l	Alkalinity Carbonate EPA 310.1 mg/l	Total Dissolved Solids EPA 160.1 mg/l	Total Suspended Solids EPA 160.2 mg/l
BP-GW-MW50103-031296	170	ND	260	ND
BP-GW-MW50104-031296	130	ND	200	ND
BP-GW-MW50105-031296	150	ND	230	ND
BP-GW-MW50106-031296	140	ND	250	ND
BP-GW-MW50106N-031296	3.0	ND	ND	ND
Quantitation Limits mg/l	1.0	1.0	12	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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Thermo Analytical

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/2/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3186
		Client P.N.:	2581-112-T4-SAMP
Project Name:	Baldwin Park Operable Unit	Date Sampled:	3/12/96
Project Address:	Los Angeles Street, AM-Vet Site, MW5-01 Irwindale, CA	Date Analyzed:	3/13/96-3/18/96
		Physical State:	Liquid

Client Sample ID	Sulfate EPA 300.0 mg/l	Chloride EPA 300.0 mg/l	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l	Hardness EPA 130.2 mg/l
BP-GW-MW50103-031296	27	12	ND	0.39	130
BP-GW-MW50104-031296	23	13	ND	ND	120
BP-GW-MW50105-031296	23	11	ND	0.69	130
BP-GW-MW50106-031296	34	9.1	ND	1.9	150
BP-GW-MW50106N-031296	ND	ND	ND	ND	16
Quantitation Limits mg/l	1.0	0.25	0.25	0.25	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 3/25/96

RECEIVED: 3/13/96

LABORATORY NO. 89972

SAMPLE: Water/4

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-MW50103-031296	101	+/- 13
BP-GW-MW50104-031296	52	+/- 10
BP-GW-MW50105-031296	66	+/- 11
BP-GW-MW50106-031296	70	+/- 13

Date Analyzed: 3/13/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

CHAIN-OF-CUSTODY RECORD

Client CDM
Baldwin Park Operable Unit - Steering Committee

Project Name
Baldwin Park Operable Unit

Project Address
Los Angeles St, Am-Vet site MW5-01
IRWINDALE, CA

Project Contact (please print)
Suzanne Rowe

Date 3-12-96

Client Reference #
2581-112-T4-SAMP

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Page 1 of 1

Lab Use Only
Lab Job # L3186
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☒ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon 222 - Draft 913	VOCs - EPA 8021	Metals (Al, As, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Ni, Zn, Hg)	Cations (Ca, Mg, K, Na)	TDS/TSS	Anions (Cl, SO4, NO3, NO2) 160.2/160.2	Alkal. (CO3, HCO3) 23	Hardness - 1302	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-MW50103-031296	Zone 3 (1256-1266)	3-12-96	900	L		X							6*	40ml VOA's w/HCl	L3186-1
		3-12-96	945	L	X								1	125ml Fr. Sq. bottle - no pres.	-2
		3-12-96	945	L			X	X	X	X	X	X	2*	1l poly - no pres	-3
BP-GW-MW50104-031296	Zone 4 (1123-1133)	3-12-96	1110	L		X							3	40ml VOAs w/HCl	-4
		3-12-96	1205	L			X	X	X	X	X	X	1	1l poly - no pres	-5
		3-12-96	1205	L	X								1	250ml Fr. Sq. bottle	-6
BP-GW-MW50105-031296	Zone 5 (1030-1040)	3-12-96	1340	L	X								1	250ml Fr. Sq. bottle	-7
~~BP-GW~~ BW			1425	L		X							3	40ml VOAs w/HCl	-8
			1425	L			X	X	X	X	X	X	1	1l poly - no pres	-9
BP-GW-MW50106-031296	Zone 6 (875-885)	3-12-96	1550	L	X								1	250ml Fr. Sq. bottle	-10
		3-12-96	1615	L			X	X	X	X	X	X	1	1l poly - no pres	-11
		3-12-96	1615	L		X							3	40ml VOAs w/HCl	-12
BP-GW-MW50106N-031296		3-12-96	1555	L		X							3	40ml VOAs w/HCl	-13
		3-12-96	1555	L			X	X	X	X	X	X	1	1l poly - no pres	-14
													~~28~~ BW		

❶ Relinquished by (signature)* Barbara Powell	❷ Received by (signature)	Date 03-12-96	28 Total Number of Containers
Company CDM	Company	Time 1750	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date 3/12/96	
Company	Laboratory Name THERMO ANALYTICAL	Time 1750	

Special Instructions
CLP-like deliverables
* Extra volume for MS/MSD analyses ~~** Filter at lab~~ ASAP - 0.45 µm filter

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800.377 2322
Fax 714.757.7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602.437.9367 Fax 602.437.9362

REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 3/25/96

RECEIVED: 3/13/96

LABORATORY NO. 89973

SAMPLE: Water/1

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-11900038-031296	334	+/- 20

Date Analyzed: 3/13/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

CHAIN-OF-CUSTODY RECORD

Client CDM

Date 03-12-96

Page 1 of 1

Project Name BPOU Quarterly Sampling

Client Reference # 2581-112-T4-SAMP

Project Address ALRC

Azusa, CA

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Project Contact (please print) S. Rowe / B Wells

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Lab Use Only
Lab Job # L3187
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☒ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon 222 - Draft Method 913								Number of Containers	Container/Comments	Lab Sample Number
BP-GW-11900038-031296	ALRC MW-4 (AZ-2)	03-12-96	0850	L	X								1	125 ml Fr. Sq. Bottle	L3187-1

❶ Relinquished by (signature)* Barbara Wells
Company CDM
Date 03-12-96
Time 1750

❷ Received by (signature)
Company

Total Number of Containers: 1

❸ Relinquished by (signature)*
Company

❹ Received by Laboratory (signature) [illegible]
Laboratory Name THERMO ANALYTICAL
Date 3/12/96
Time 1750

Special Instructions
CLP-like Deliverable

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800.377.2322
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Phoenix, Arizona 85034
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TRUESDAIL LABORATORIES, INC.
CHEMISTS · MICROBIOLOGISTS · ENGINEERS
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14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

REPORT

LIQUID SCINTILLATION
OIL BASED SOLUTION

Sample Number: ~~89972~~ 89973
Date Received: 03-13-96
Date Analyzed: 3-13-96
Window: 450 - 800

T(0) = sample collection date/time in days
T(1) = start time on scintillation counter in days
elapsed time = scintillation counter sample time in minutes
decay time = in reference to midpoint of sample counting time in days
sample aliquot = in grams
count time = in minutes
bkg = background

Sample	T(0)	T(1)	elapsed time	decay time	decay factor	sample aliquote	count time	sample cpm	bkg cpm	Rn-222 pCi/l	error
89973	72.3681	73.7396	800.35	1.8926	0.7094	9.5580	100	33.14	11.22	334	20
dup	72.3681	73.7396	900.40	1.9621	0.7005	8.2790	100	28.79	11.22	313	22
high	1.0000	1.0000	0.00	-0.0347	1.0063	10.0000	100	578.93	11.22	5834	49
low	1.0000	1.0000	0.00	-0.0347	1.0063	10.0000	100	64.63	11.22	549	18

This report applies only to the sample or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a matter of policy, to clients, the public and these laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from Truesdail Laboratories.

CHAIN-OF-CUSTODY RECORD

Client THERMO ANALYTICAL

Date 3/12/96

Project Name BPOU

Client Reference # L3187

Project Address

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Project Contact (please print) DON BURLEY

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Page 1 of 1

Lab Use Only
Lab Job # ____
C.O. # ____
C.O. # ____
C.O. # ____
C.O. # ____
Sample Condition Upon Receipt:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	RADON 222								Number of Containers	Container/Comments	Lab Sample Number
BP-GW-11900038-031296		3/12/96	0850	L	X								1	#89973	

RECEIVED
MAR 13 1996

❶ Relinquished by (signature)*	❷ Received by (signature)	Date		
[signature]	L. Russell	3/13/96	1	Total Number of Containers
Company: THERMO ANALYTICAL	Company: Freedil Labs	Time: 8:27am		
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date: 3/13/96		
	Y Mendoza			
Company	Laboratory Name: TLI	Time: 0830		

Special Instructions: PLEASE INCLUDE RAW DATA WITH REPORT

*Special Conditions (section 9) on reverse before signing

TERRA TECH LABS

Corporate Office
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Santa Ana, CA 92705
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Tel 602.437 9367 Fax 602.437.9362

TMA
Thermo Analytical

5 1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

April 17, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: Revised CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3193

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 3/13/96 were analyzed by Thermo Analytical for: Volatile Organic Compounds (VOC's) by EPA Method 8021, Metals by EPA 6000/7000 methods and various Wet Chemistry parameters.

The EPA Method 8021 samples taken on 3/13/96 were analyzed 3/14/96 - 3/18/96 which is within the allowable method holding time. Some of the samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The 3/18/96 Method Blank had a detectable level of Methylene Chloride (1.3 ug/l). However, the only compound of interest for that date was Trichloroethene. The 3/18/96 Continuing Calibration had two compounds (1,2-Dibromo-3-chloropropane and Naphthalene) with percent differences outside the acceptable QC limits. However, only a dilution analysis for Trichloroethene was reported from that day. The percent difference for Trichloroethene was within acceptable limits.

The Metals were analyzed 3/15/96 - 3/27/96. The matrix spike percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample. The post spike sample percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley
Program Manager

Enclosure

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	04:41
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50107-031396	Lab Sample ID:	L3193-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	1.0	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	8.2	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	1.0	
79-01-6	Trichloroethene	21	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	04:41
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50107-031396	Lab Sample ID:	L3193-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.16	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.39	

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	05:22
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50108-031396	Lab Sample ID:	L3193-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	4.3	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.47	
75-35-4	1,1-Dichloroethene	1.2	
75-09-2	Methylene chloride	0.65	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	3.0	
156-59-4	cis-1,2-Dichloroethene	10	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	13	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	4.7	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	13	
79-01-6	Trichloroethene	220	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	10	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

D = Dilution factor = 5; analyzed 3/15/96.
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	05:22
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50108-031396	Lab Sample ID:	L3193-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.19	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.12	
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.39	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	06:03
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50109-031396	Lab Sample ID:	L3193-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	7.9	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	1.0	
75-09-2	Methylene chloride	0.67	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	2.6	
156-59-4	cis-1,2-Dichloroethene	9.5	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	12	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	4.4	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	13	
79-01-6	Trichloroethene	270	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	8.8	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

D = Dilution factor = 10; analyzed 3/18/96.
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/15/96-03/18/96
	Irwindale, CA	Time Analyzed:	06:03
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50109-031396	Lab Sample ID:	L3193-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.095	
108-88-3	Toluene	0.17	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	06:44
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50110-031396	Lab Sample ID:	L3193-11

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	7.4	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.66	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	3.4	
156-59-4	cis-1,2-Dichloroethene	10	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	8.5	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	2.2	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	5.8	
79-01-6	Trichloroethene	150	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	7.2	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

D = Dilution factor = 5; analyzed 3/15/96
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	06:44
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50110-031396	Lab Sample ID:	L3193-11

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.14	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.13	
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	07:24
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50111-031396	Lab Sample ID:	L3193-14

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	2.1	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	3.3	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	2.5	
156-59-4	cis-1,2-Dichloroethene	8.8	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	7.8	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	1.3	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	3.2	
79-01-6	Trichloroethene	110	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	18	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

D = Dilution factor = 5; analyzed 3/15/96.
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	07:24
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50111-031396	Lab Sample ID:	L3193-14

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.10	
108-88-3	Toluene	0.13	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.21	
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	08:05
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50112-031396	Lab Sample ID:	L3193-17

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	1.6	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	1.1	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	1.5	
156-59-4	cis-1,2-Dichloroethene	5.1	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	3.0	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.5	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	1.3	
79-01-6	Trichloroethene	29	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	7.7	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	08:05
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50112-031396	Lab Sample ID:	L3193-17

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.16	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	08:47
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50113-031396	Lab Sample ID:	L3193-20

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.85	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.90	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	1.0	
156-59-4	cis-1,2-Dichloroethene	6.5	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.68	
71-55-6	1,1,1-Trichloroethane	0.64	
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	15	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	7.8	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	08:47
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50113-031396	Lab Sample ID:	L3193-20

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.18	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.32	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.

B = Analyte detected in the associated method blank.

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Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	09:28
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50113K-031396	Lab Sample ID:	L3193-22

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.95	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	1.0	
156-59-4	cis-1,2-Dichloroethene	6.0	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.73	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	15	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	7.7	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	09:28
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50113K-031396	Lab Sample ID:	L3193-22

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.18	
108-88-3	Toluene	0.22	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.33	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.24	
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

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EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	10:09
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50113N-031396	Lab Sample ID:	L3193-25

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.2	U
156-59-4	cis-1,2-Dichloroethene	0.4	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	03/14/96
	Irwindale, CA	Time Analyzed:	10:09
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50113N-031396	Lab Sample ID:	L3193-25

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.18	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.63	
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.26	
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
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Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.: Date Sampled:	2581-112-T4-SAMP NA
Project Name:	BPOU Quarterly Sampling	Date Received:	NA
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Analyzed: Time Analyzed:	03/14/96 18:27
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/14 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
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Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU Quarterly Sampling	Date Received:	NA
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Analyzed:	03/14/96
		Time Analyzed:	18:27
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/14 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
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Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.: Date Sampled:	2581-112-T4-SAMP NA
Project Name:	BPOU Quarterly Sampling	Date Received:	NA
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Analyzed: Time Analyzed:	03/15/96 17:28
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/15 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochioromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU Quarterly Sampling	Date Received:	NA
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Analyzed:	03/15/96
		Time Analyzed:	17:28
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/15 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.: Date Sampled:	2581-112-T4-SAMP NA
Project Name:	BPOU Quarterly Sampling	Date Received:	NA
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Analyzed: Time Analyzed:	03/18/96 17:41
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/18 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	1.3	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.: Date Sampled:	2581-112-T4-SAMP NA
Project Name:	BPOU Quarterly Sampling	Date Received:	NA
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Analyzed: Time Analyzed:	03/18/96 17:41
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/18 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 SURROGATE RECOVERY

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	0314/96-03/15/96
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-01 Los Angeles Street Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	97	95	104
CCV	98	92	108
Method Blank	103	99	110
L3193-2	89	92	96
L3193-5	102	98	110
L3193-8	102	99	111
L3193-11	90	97	99
L3193-14	100	98	110
L3193-17	99	102	108
L3193-20	96	104	105
L3193-22	102	101	103
L3193-25	102	104	105
LCS	104	97	107
MS	90	86	106
MSD	88	82	98
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 SURROGATE RECOVERY

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/15/96-03/16/96
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-01 Los Angeles Street Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	98	92	108
CCV	93	92	98
Method Blank	99	95	111
L3193-5 DIL	96	98	105
L3193-11 DIL	88	93	99
L3193-14 DIL	91	95	102
LCS	104	94	109
MS	97	93	108
MSD	95	91	105
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 SURROGATE RECOVERY

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/18/96
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-01 Los Angeles Street Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	94	88	111
CCV	98	101	110
Method Blank	93	88	110
L3193-8 DIL	97	91	105
LCS	99	100	109
LCSD	96	96	106
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	3/15/96
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-01 Los Angeles Street Irwindale, CA		
Matrix:	Liquid		
		Lab Sample ID:	L3186-1

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC. #	QC LIMITS REC.
Benzene	20.0	0.2	21.9	109	74-121
Toluene	20.0	1.1	21.8	104	72-121
Ethylbenzene	20.0	2.5	23.6	106	72-117
o-Xylene	20.0	1.9	22.9	105	66-124
1,1-Dichloroethane	20.0	0.0	20.1	101	73-121
1,1,1-Trichloroethane	20.0	0.3	18.5	91	72-126
cis-1,3-Dichloropropene	20.0	0.0	17.8	89	58-124
Chlorobenzene	20.0	0.0	18.9	95	52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	20.6	102	7	0-10	74-121
Toluene	20.0	20.9	99	5	0-16	72-121
Ethylbenzene	20.0	22.7	101	5	0-14	72-117
o-Xylene	20.0	22.1	101	4	0-14	66-124
1,1-Dichloroethane	20.0	19.8	99	2	0-18	73-121
1,1,1-Trichloroethane	20.0	19.2	94	3	0-15	72-126
cis-1,3-Dichloropropene	20.0	18.1	91	2	0-22	58-124
Chlorobenzene	20.0	18.7	94	1	0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	3/16/96
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-01 Los Angeles Street Irwindale, CA		
Matrix:	Liquid		
		Lab Sample ID:	L3202-5

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	0.1	21.8	109		74-121
Toluene	20.0	0.1	21.1	105		72-121
Ethylbenzene	20.0	0.0	21.7	109		72-117
o-Xylene	20.0	0.0	21.7	109		66-124
1,1-Dichloroethane	20.0	0.4	21.9	108		73-121
1,1,1-Trichloroethane	20.0	0.3	20.5	101		72-126
cis-1,3-Dichloropropene	20.0	0.0	20.9	105		58-124
Chlorobenzene	20.0	0.0	20.2	101		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	21.5	107		2		0-10	74-121
Toluene	20.0	20.7	103		2		0-16	72-121
Ethylbenzene	20.0	21.3	107		2		0-14	72-117
o-Xylene	20.0	21.3	107		2		0-14	66-124
1,1-Dichloroethane	20.0	21.3	105		3		0-18	73-121
1,1,1-Trichloroethane	20.0	20.1	99		2		0-15	72-126
cis-1,3-Dichloropropene	20.0	20.3	102		3		0-22	58-124
Chlorobenzene	20.0	19.4	97		4		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 LABORATORY CONTROL SAMPLE RECOVERY

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/14/96
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-01 Los Angeles Street Irwindale, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	22.7	114	75-125
Toluene	20.0	22.0	110	75-125
Ethylbenzene	20.0	22.6	113	75-125
o-Xylene	20.0	22.7	114	75-125
1,1-Dichloroethane	20.0	22.7	114	75-125
1,1,1-Trichloroethane	20.0	22.3	112	75-125
cis-1,3-Dichloropropene	20.0	23.1	116	75-125
Chlorobenzene	20.0	23.2	116	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 LABORATORY CONTROL SAMPLE RECOVERY

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/15/96
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-01 Los Angeles Street Irwindale, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	22.5	113	75-125
Toluene	20.0	21.8	109	75-125
Ethylbenzene	20.0	22.5	113	75-125
o-Xylene	20.0	22.6	113	75-125
1,1-Dichloroethane	20.0	22.3	112	75-125
1,1,1-Trichloroethane	20.0	20.9	105	75-125
cis-1,3-Dichloropropene	20.0	21.2	106	75-125
Chlorobenzene	20.0	21.2	106	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 LABORATORY CONTROL SAMPLE RECOVERY

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/18/96
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-01 Los Angeles Street Irwindale, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	21.7	109	75-125
Toluene	20.0	21.0	105	75-125
Ethylbenzene	20.0	21.6	108	75-125
o-Xylene	20.0	21.2	106	75-125
1,1-Dichloroethane	20.0	21.0	105	75-125
1,1,1-Trichloroethane	20.0	20.3	102	75-125
cis-1,3-Dichloropropene	20.0	20.6	103	75-125
Chlorobenzene	20.0	20.7	104	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	03/25/96
		Lab P.N.:	L3193
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/14/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4500	3
Chloromethane	9103	10	9336	3
Vinyl chloride	7475	9	8276	11
Bromomethane	4053	10	4371	8
Chloroethane	8231	9	8895	8
Trichlorofluoromethane	11964	9	12642	6
1,1-Dichloroethene	11045	9	11717	6
Methylene chloride	14825	12	15187	2
trans-1,2-Dichloroethene	11709	10	12390	6
1,1-Dichloroethane	11841	10	12696	7
cis-1,2-Dichloroethene	12091	9	12582	4
2,2-Dichloropropane	10669	12	11365	7
Bromochloromethane	8662	11	9044	4
Chloroform	15533	10	15999	3
1,1,1-Trichloroethane	14156	10	14438	2
Carbon tetrachloride	16313	9	17206	5
1,1-Dichloropropene	5579	14	6167	11
1,2-Dichloroethane	11607	9	11875	2
Trichloroethene	14474	8	14607	1
1,2-Dichloropropane	11206	8	11629	4
Dibromomethane	5500	11	5773	5
Bromodichloromethane	11224	9	11553	3
2-Chloroethyl vinyl ether	5579	14	6167	11
cis-1,3-Dichloropropene	9669	9	10317	7
trans-1,3-Dichloropropene	8941	8	9415	5
1,1,2-Trichloroethane	11768	6	11995	2
Tetrachloroethene	13939	9	13943	0
1,3-Dichloropropane	9412	8	9621	2
Dibromochloromethane	7533	13	7699	2
1,2-Dibromoethane	5371	8	5160	4
Chlorobenzene	5594	8	5677	1
1,1,1,2-Tetrachloroethane	13135	8	13854	5
Bromoform	5407	14	5530	2
1,1,2,2-Tetrachloroethane	9429	10	9138	3
1,2,3-Trichloropropane	7711	10	7336	5
2-Chlorotoluene	4767	8	4887	3
4-Chlorotoluene	4825	7	4930	2
1,3-Dichlorobenzene	7645	8	7860	3
1,4-Dichlorobenzene	8104	8	8250	2
1,2-Dichlorobenzene	7800	7	8085	4

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	03/25/96
		Lab P.N.:	L3193
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/14/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2506	1
1,2,4-Trichlorobenzene	8865	8	9238	4
Hexachlorobutadiene	12492	9	12880	3
1,2,3-Trichlorobenzene	8957	8	9217	3
Benzene	3199	5	3546	11
Toluene	3013	5	3262	8
Ethylbenzene	2654	5	2951	11
p,m-Xylenes	3095	3	3423	11
o-Xylene	2666	4	2958	11
Styrene	3501	3	3799	9
Isopropylbenzene	1967	7	2222	13
Bromobenzene	3251	3	3545	9
Propylbenzene	2841	13	2961	4
1,3,5-Trimethylbenzene	3661	3	4064	11
tert-Butylbenzene	2109	5	2287	8
1,2,4-Trimethylbenzene	2784	3	3091	11
sec-Butylbenzene	2178	3	2419	11
4-Isopropyltoluene	2137	4	2324	9
n-Butylbenzene	2350	2	2590	10
Naphthalene	2501	14	2531	1

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	03/25/96
		Lab P.N.:	L3193
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/15/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4435	1
Chloromethane	9103	10	8863	3
Vinyl chloride	7475	9	8179	9
Bromomethane	4053	10	4330	7
Chloroethane	8231	9	8798	7
Trichlorofluoromethane	11964	9	12777	7
1,1-Dichloroethene	11045	9	11696	6
Methylene chloride	14825	12	15204	3
trans-1,2-Dichloroethene	11709	10	12152	4
1,1-Dichloroethane	11841	10	12493	6
cis-1,2-Dichloroethene	12091	9	12564	4
2,2-Dichloropropane	10669	12	11356	6
Bromochloromethane	8662	11	8806	2
Chloroform	15533	10	15952	3
1,1,1-Trichloroethane	14156	10	14496	2
Carbon tetrachloride	16313	9	16962	4
1,1-Dichloropropene	5579	14	6209	11
1,2-Dichloroethane	11607	9	11554	0
Trichloroethene	14474	8	14729	2
1,2-Dichloropropane	11206	8	11397	2
Dibromomethane	5500	11	5841	6
Bromodichloromethane	11224	9	11560	3
2-Chloroethyl vinyl ether	5579	14	6209	11
cis-1,3-Dichloropropene	9669	9	10205	6
trans-1,3-Dichloropropene	8941	8	9366	5
1,1,2-Trichloroethane	11768	6	11930	1
Tetrachloroethene	13939	9	14294	3
1,3-Dichloropropane	9412	8	9557	2
Dibromochloromethane	7533	13	8002	6
1,2-Dibromoethane	5371	8	5318	1
Chlorobenzene	5594	8	5690	2
1,1,1,2-Tetrachloroethane	13135	8	13707	4
Bromoform	5407	14	5564	3
1,1,2,2-Tetrachloroethane	9429	10	9024	4
1,2,3-Trichloropropane	7711	10	7191	7
2-Chlorotoluene	4767	8	5039	6
4-Chlorotoluene	4825	7	5084	5
1,3-Dichlorobenzene	7645	8	7949	4
1,4-Dichlorobenzene	8104	8	8226	2
1,2-Dichlorobenzene	7800	7	7909	1

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	03/25/96
		Lab P.N.:	L3193
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/15/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2555	3
1,2,4-Trichlorobenzene	8865	8	9063	2
Hexachlorobutadiene	12492	9	12921	3
1,2,3-Trichlorobenzene	8957	8	8871	1
Benzene	3199	5	3523	10
Toluene	3013	5	3234	7
Ethylbenzene	2654	5	2935	11
p,m-Xylenes	3095	3	3388	9
o-Xylene	2666	4	2914	9
Styrene	3501	3	3727	6
Isopropylbenzene	1967	7	2204	12
Bromobenzene	3251	3	3450	6
Propylbenzene	2841	13	3132	10
1,3,5-Trimethylbenzene	3661	3	4003	9
tert-Butylbenzene	2109	5	2257	7
1,2,4-Trimethylbenzene	2784	3	3033	9
sec-Butylbenzene	2178	3	2395	10
4-Isopropyltoluene	2137	4	2286	7
n-Butylbenzene	2350	2	2576	10
Naphthalene	2501	14	2655	6

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	03/25/96
		Lab P.N.:	L3193
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/16/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4105	6
Chloromethane	9103	10	8109	11
Vinyl chloride	7475	9	7582	1
Bromomethane	4053	10	3933	3
Chloroethane	8231	9	8298	1
Trichlorofluoromethane	11964	9	12229	2
1,1-Dichloroethene	11045	9	11722	6
Methylene chloride	14825	12	14868	0
trans-1,2-Dichloroethene	11709	10	12082	3
1,1-Dichloroethane	11841	10	12289	4
cis-1,2-Dichloroethene	12091	9	12298	2
2,2-Dichloropropane	10669	12	9460	11
Bromochloromethane	8662	11	8891	3
Chloroform	15533	10	15738	1
1,1,1-Trichloroethane	14156	10	13768	3
Carbon tetrachloride	16313	9	16346	0
1,1-Dichloropropene	5579	14	5998	8
1,2-Dichloroethane	11607	9	11748	1
Trichloroethene	14474	8	15372	6
1,2-Dichloropropane	11206	8	11142	1
Dibromomethane	5500	11	5976	9
Bromodichloromethane	11224	9	11350	1
2-Chloroethyl vinyl ether	5579	14	5998	8
cis-1,3-Dichloropropene	9669	9	9342	3
trans-1,3-Dichloropropene	8941	8	8782	2
1,1,2-Trichloroethane	11768	6	11951	2
Tetrachloroethene	13939	9	13899	0
1,3-Dichloropropane	9412	8	9565	2
Dibromochloromethane	7533	13	8118	8
1,2-Dibromoethane	5371	8	5411	1
Chlorobenzene	5594	8	5442	3
1,1,1,2-Tetrachloroethane	13135	8	13455	2
Bromoform	5407	14	5892	9
1,1,2,2-Tetrachloroethane	9429	10	8239	13
1,2,3-Trichloropropane	7711	10	7348	5
2-Chlorotoluene	4767	8	4838	1
4-Chlorotoluene	4825	7	4815	0
1,3-Dichlorobenzene	7645	8	7599	1
1,4-Dichlorobenzene	8104	8	7917	2
1,2-Dichlorobenzene	7800	7	7715	1

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	03/25/96
		Lab P.N.:	L3193
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/16/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2567	3
1,2,4-Trichlorobenzene	8865	8	8156	8
Hexachlorobutadiene	12492	9	11311	9
1,2,3-Trichlorobenzene	8957	8	7977	11
Benzene	3199	5	3365	5
Toluene	3013	5	3090	3
Ethylbenzene	2654	5	2780	5
p,m-Xylenes	3095	3	3214	4
o-Xylene	2666	4	2805	5
Styrene	3501	3	3579	2
Isopropylbenzene	1967	7	2091	6
Bromobenzene	3251	3	3372	4
Propylbenzene	2841	13	2915	3
1,3,5-Trimethylbenzene	3661	3	3714	1
tert-Butylbenzene	2109	5	2171	3
1,2,4-Trimethylbenzene	2784	3	2831	2
sec-Butylbenzene	2178	3	2249	3
4-Isopropyltoluene	2137	4	2116	1
n-Butylbenzene	2350	2	2309	2
Naphthalene	2501	14	2552	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	03/25/96
		Lab P.N.:	L3193
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/18/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4065	7
Chloromethane	9103	10	8520	6
Vinyl chloride	7475	9	7628	2
Bromomethane	4053	10	4096	1
Chloroethane	8231	9	8417	2
Trichlorofluoromethane	11964	9	12148	2
1,1-Dichloroethene	11045	9	11261	2
Methylene chloride	14825	12	14019	5
trans-1,2-Dichloroethene	11709	10	11661	0
1,1-Dichloroethane	11841	10	11991	1
cis-1,2-Dichloroethene	12091	9	11995	1
2,2-Dichloropropane	10669	12	10817	1
Bromochloromethane	8662	11	8484	2
Chloroform	15533	10	15384	1
1,1,1-Trichloroethane	14156	10	13792	3
Carbon tetrachloride	16313	9	16098	1
1,1-Dichloropropene	5579	14	5838	5
1,2-Dichloroethane	11607	9	11261	3
Trichloroethene	14474	8	13794	5
1,2-Dichloropropane	11206	8	10761	4
Dibromomethane	5500	11	5303	4
Bromodichloromethane	11224	9	10944	2
2-Chloroethyl vinyl ether	5579	14	5838	5
cis-1,3-Dichloropropene	9669	9	9605	1
trans-1,3-Dichloropropene	8941	8	8922	0
1,1,2-Trichloroethane	11768	6	11399	3
Tetrachloroethene	13939	9	13206	5
1,3-Dichloropropane	9412	8	9111	3
Dibromochloromethane	7533	13	7491	1
1,2-Dibromoethane	5371	8	4872	9
Chlorobenzene	5594	8	5318	5
1,1,1,2-Tetrachloroethane	13135	8	12761	3
Bromoform	5407	14	5156	5
1,1,2,2-Tetrachloroethane	9429	10	8535	9
1,2,3-Trichloropropane	7711	10	6720	13
2-Chlorotoluene	4767	8	4716	1
4-Chlorotoluene	4825	7	4759	1
1,3-Dichlorobenzene	7645	8	7582	1
1,4-Dichlorobenzene	8104	8	7911	2
1,2-Dichlorobenzene	7800	7	7623	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	03/25/96
		Lab P.N.:	L3193
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/18/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2206	11
1,2,4-Trichlorobenzene	8865	8	8714	2
Hexachlorobutadiene	12492	9	12098	3
1,2,3-Trichlorobenzene	8957	8	8527	5
Benzene	3199	5	3561	11
Toluene	3013	5	3285	9
Ethylbenzene	2654	5	2970	12
p,m-Xylenes	3095	3	3453	12
o-Xylene	2666	4	2988	12
Styrene	3501	3	3839	10
Isopropylbenzene	1967	7	2240	14
Bromobenzene	3251	3	3582	10
Propylbenzene	2841	13	2960	4
1,3,5-Trimethylbenzene	3661	3	4072	11
tert-Butylbenzene	2109	5	2304	9
1,2,4-Trimethylbenzene	2784	3	3108	12
sec-Butylbenzene	2178	3	2441	12
4-Isopropyltoluene	2137	4	2334	9
n-Butylbenzene	2350	2	2605	11
Naphthalene	2501	14	2727	9

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	03/25/96
		Lab P.N.:	L3193
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/18/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4052	8
Chloromethane	9103	10	8156	10
Vinyl chloride	7475	9	7577	1
Bromomethane	4053	10	3965	2
Chloroethane	8231	9	8507	3
Trichlorofluoromethane	11964	9	12226	2
1,1-Dichloroethene	11045	9	11271	2
Methylene chloride	14825	12	15097	2
trans-1,2-Dichloroethene	11709	10	11905	2
1,1-Dichloroethane	11841	10	12114	2
cis-1,2-Dichloroethene	12091	9	12306	2
2,2-Dichloropropane	10669	12	9649	10
Bromochloromethane	8662	11	8979	4
Chloroform	15533	10	15636	1
1,1,1-Trichloroethane	14156	10	13999	1
Carbon tetrachloride	16313	9	16739	3
1,1-Dichloropropene	5579	14	5832	5
1,2-Dichloroethane	11607	9	11891	2
Trichloroethene	14474	8	14801	2
1,2-Dichloropropane	11206	8	11389	2
Dibromomethane	5500	11	6103	11
Bromodichloromethane	11224	9	11573	3
2-Chloroethyl vinyl ether	5579	14	5832	5
cis-1,3-Dichloropropene	9669	9	9831	2
trans-1,3-Dichloropropene	8941	8	9330	4
1,1,2-Trichloroethane	11768	6	12406	5
Tetrachloroethene	13939	9	13808	1
1,3-Dichloropropane	9412	8	9908	5
Dibromochloromethane	7533	13	8281	10
1,2-Dibromoethane	5371	8	5597	4
Chlorobenzene	5594	8	5537	1
1,1,1,2-Tetrachloroethane	13135	8	13664	4
Bromoform	5407	14	5981	11
1,1,2,2-Tetrachloroethane	9429	10	9517	1
1,2,3-Trichloropropane	7711	10	8007	4
2-Chlorotoluene	4767	8	4806	1
4-Chlorotoluene	4825	7	4800	1
1,3-Dichlorobenzene	7645	8	7624	0
1,4-Dichlorobenzene	8104	8	7957	2
1,2-Dichlorobenzene	7800	7	7814	0

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 INITIAL AND CONTINUING CALIBRATIONS

Lab:	Thermo Analytical	Report Date:	03/25/96
		Lab P.N.:	L3193
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/18/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2900	16*
1,2,4-Trichlorobenzene	8865	8	8936	1
Hexachlorobutadiene	12492	9	12462	0
1,2,3-Trichlorobenzene	8957	8	9070	1
Benzene	3199	5	3490	9
Toluene	3013	5	3186	6
Ethylbenzene	2654	5	2877	8
p,m-Xylenes	3095	3	3337	8
o-Xylene	2666	4	2901	9
Styrene	3501	3	3722	6
Isopropylbenzene	1967	7	2166	10
Bromobenzene	3251	3	3502	8
Propylbenzene	2841	13	2810	1
1,3,5-Trimethylbenzene	3661	3	3901	7
tert-Butylbenzene	2109	5	2247	7
1,2,4-Trimethylbenzene	2784	3	2981	7
sec-Butylbenzene	2178	3	2354	8
4-Isopropyltoluene	2137	4	2231	4
n-Butylbenzene	2350	2	2489	6
Naphthalene	2501	14	2951	18*

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/13/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01, Los Angeles Street Irwindale, CA	Date Analyzed:	03/15/96-03/27/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50107-031396	Lab Sample ID:	L3193-3

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.129	
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0824	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00250	
Copper	Copper	6010	0.00723	
Iron	Iron	6010	0.0828	
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.00220	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0283	
Calcium	Calcium	6010	42.5	
Magnesium	Magnesium	6010	9.77	
Potassium	Potassium	6010	2.64	
Sodium	Sodium	6010	20.8	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01, Los Angeles Street	Date Analyzed:	03/15/96-03/27/96
	Irwindale, CA	Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50108-031396	Lab Sample ID:	L3193-6

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.148	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.0217	
Copper	Copper	6010	0.00705	
Iron	Iron	6010	0.330	
Lead	Lead	7421	0.000870	
Manganese	Manganese	6010	0.00210	
Mercury	Mercury	7470	0.000360	
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0313	
Calcium	Calcium	6010	75.2	
Magnesium	Magnesium	6010	13.9	
Potassium	Potassium	6010	3.56	
Sodium	Sodium	6010	19.9	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/13/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01, Los Angeles Street Irwindale, CA	Date Analyzed:	03/15/96-03/27/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50109-031396	Lab Sample ID:	L3193-9

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.142	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.0193	
Copper	Copper	6010	0.00933	
Iron	Iron	6010	0.0259	
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.00220	
Mercury	Mercury	7470	0.000330	
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0340	
Calcium	Calcium	6010	75.2	
Magnesium	Magnesium	6010	13.5	
Potassium	Potassium	6010	2.91	
Sodium	Sodium	6010	18.7	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/13/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01, Los Angeles Street Irwindale, CA	Date Analyzed:	03/15/96-03/27/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50110-031396	Lab Sample ID:	L3193-12

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.154	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.01780	
Copper	Copper	6010	0.00990	
Iron	Iron	6010	0.0357	
Lead	Lead	7421	0.00332	
Manganese	Manganese	6010	0.00580	
Mercury	Mercury	7470	0.000310	
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0501	
Calcium	Calcium	6010	81.0	
Magnesium	Magnesium	6010	13.9	
Potassium	Potassium	6010	3.47	
Sodium	Sodium	6010	20.3	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/13/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01, Los Angeles Street Irwindale, CA	Date Analyzed:	03/15/96-03/27/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50111-031396	Lab Sample ID:	L3193-15

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.197	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00438	
Iron	Iron	6010	0.0280	
Lead	Lead	7421	0.00107	
Manganese	Manganese	6010	0.00360	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.0047	U
Zinc	Zinc	6010	0.0412	
Calcium	Calcium	6010	91.0	
Magnesium	Magnesium	6010	20.7	
Potassium	Potassium	6010	4.95	
Sodium	Sodium	6010	19.3	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/13/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01, Los Angeles Street Irwindale, CA	Date Analyzed:	03/15/96-03/27/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50112-031396	Lab Sample ID:	L3193-18

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.158	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00490	
Iron	Iron	6010	0.0484	
Lead	Lead	7421	0.00132	
Manganese	Manganese	6010	0.00260	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0335	
Calcium	Calcium	6010	65.5	
Magnesium	Magnesium	6010	14.9	
Potassium	Potassium	6010	4.39	
Sodium	Sodium	6010	18.7	

Comments:

TMA
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METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/13/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01, Los Angeles Street Irwindale, CA	Date Analyzed:	03/15/96-03/27/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50113-031396	Lab Sample ID:	L3193-21

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0865	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00642	
Iron	Iron	6010	0.0225	U
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.00250	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0196	
Calcium	Calcium	6010	27.0	
Magnesium	Magnesium	6010	11.6	
Potassium	Potassium	6010	5.35	
Sodium	Sodium	6010	32.9	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/13/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01, Los Angeles Street Irwindale, CA	Date Analyzed:	03/15/96-03/27/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50113K-031396	Lab Sample ID:	L3193-24

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.107	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00551	
Iron	Iron	6010	0.0260	
Lead	Lead	7421	0.00074	
Manganese	Manganese	6010	0.00240	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0464	
Calcium	Calcium	6010	32.6	
Magnesium	Magnesium	6010	12.6	
Potassium	Potassium	6010	5.16	
Sodium	Sodium	6010	28.2	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/13/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/13/96
Project Address:	MW5-01, Los Angeles Street Irwindale, CA	Date Analyzed:	03/15/96-03/27/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50113N-031396	Lab Sample ID:	L3193-26

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.00366	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00371	
Iron	Iron	6010	0.0225	U
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.00200	U
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	0.798	
Magnesium	Magnesium	6010	0.186	
Potassium	Potassium	6010	0.358	U
Sodium	Sodium	6010	0.430	

Comments:

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab:	Thermo Analytical		
Client:	CDM, Inc.	Report Date:	03/25/96
Client Address:	18881 Von Karman, Suite 650	Lab P.N.:	L3193
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-01, Los Angeles Street		
	Irwindale, CA		
Concentration:	mg/l		

Initial Calibraition Sample No: Hg Stock Std (Inorganic Ventures Lot #J-MEB25-22) &
CLPF-CICV-1(Inorganic Ventures Lot #J-MEB25025)
Continuing Calibration Sample No: Hg Stock Std. (SPEX Lot #7-147AS) QC-21-500 (SPEX Lot #9-27AS)

	Initial Calibration			Continuing Calibration					
Metal	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum	2.50	2.52	101	1.00	1.07	107	1.04	104	6010
Arsenic	0.0250	0.0255	102	0.0250	0.0251	100	0.0251	100	7060
Barium	2.50	2.58	103	1.00	1.03	103	1.03	103	6010
Cadmium	1.25	1.22	98	2.50	2.43	98	2.57	103	6010
Chromium	2.50	2.42	97	2.50	2.61	104	2.60	104	6010
Copper	2.50	2.44	98	2.50	2.51	100	2.87	98	6010
Iron	2.50	2.47	99	2.50	2.60	104	2.54	102	6010
Lead	0.0250	0.0255	102	0.0250	0.0244	98	0.0245	98	7421
Manganese	2.50	2.67	107	2.50	2.54	102	2.63	105	6010
Nickel	2.50	2.50	100	2.50	2.51	100	2.67	106	6010
Zinc	2.50	2.36	95	2.50	2.61	104	2.65	106	6010
Mercury	0.00500	0.00475	95	0.00300	0.00302	101	0.00314	105	7470
Calcium	25.0	24.0	96	2.50	2.33	94	2.53	101	6010
Magnesium	25.0	24.8	99	2.50	2.58	104	2.53	102	6010
Potassium	25.0	25.0	100	10.0	10.2	102	9.93	99	6010
Sodium	25.0	25.3	101	1.00	1.02	102	1.02	102	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
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METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-01, Los Angeles Street Irwindale, CA		
Concentration:	mg/l		

Initial Calibraition Sample No: Hg Stock Std (Inorganic Ventures Lot #J-MEB25-22) &
CLPF-CICV-1(Inorganic Ventures Lot #J-MEB25025)
Continuing Calibration Sample No: Hg Stock Std. (SPEX Lot #7-147AS) QC-21-500 (SPEX Lot #9-27AS)

	Initial Calibration			Continuing Calibration					
Metal	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				1.00	1.04	104	1.04	104	6010
Arsenic				0.0250	0.0260	104	0.0256	102	7060
Barium				1.00	1.05	105	1.04	104	6010
Cadmium				2.50	2.74	110	2.75	110	6010
Chromium				2.50	2.60	104	2.65	106	6010
Copper				2.50	2.49	99	2.47	98	6010
Iron				2.50	2.53	102	2.56	103	6010
Lead				0.0250	0.0247	99	0.0246	98	7421
Manganese				2.50	2.60	104	2.61	104	6010
Nickel				2.50	2.68	107	2.70	108	6010
Zinc				2.50	2.65	106	2.71	108	6010
Mercury				0.00300	0.00307	102	0.00323	108	7470
Calcium				2.50	2.68	108	2.70	108	6010
Magnesium				2.50	2.54	102	2.55	102	6010
Potassium				10.0	9.82	98	9.83	98	6010
Sodium				1.00	1.04	104	1.03	103	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

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METALS BLANKS

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-01, Los Angeles Street Irwindale, CA		

Matrix: Liquid
Date Analyzed: 3/15/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum	0.0437	U	0.0437	U	0.0437	U	0.0437	U	0.0437	U	6010
Arsenic	0.00299	U	0.00299	U	0.00299	U	0.00299	U	0.00299	U	7060
Barium	0.00167		0.00134	U	0.00134	U	0.00134	U	0.00337		6010
Cadmium	0.0017	U	0.0017	U	0.0017	U	0.0017	U	0.0017	U	6010
Chromium	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.00227		6010
Copper	0.0027	U	0.0027	U	0.0027	U	0.0027	U	0.00431		6010
Iron	0.0225	U	0.0225	U	0.0225	U	0.0225	U	0.0225	U	6010
Lead	0.000636	U	0.000636	U	0.000636	U	0.000636	U	0.000636	U	7421
Manganese	0.0020	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U	6010
Mercury	0.000173	U	0.000173	U	0.000173	U	0.000173	U	0.000173	U	7470
Nickel	0.0047	U	0.0047	U	0.0047	U	0.0047	U	0.0047	U	6010
Zing	0.0175	U	0.0175	U	0.0175	U	0.0175	U	0.0175	U	6010
Calcium	0.102	U	0.102	U	0.102	U	0.102	U	0.459		6010
Magnesium	0.0379	U	0.0379	U	0.0379	U	0.0379	U	0.132		6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium	0.108	U	0.108	U	0.108	U	0.108	U	0.108	U	6010

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METALS BLANKS

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-01, Los Angeles Street Irwindale, CA		

Matrix: Liquid
Date Analyzed: 3/15/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum			0.0437	U							6010
Arsenic			0.00299	U							7060
Barium			0.00034	U							6010
Cadmium			0.0017	U							6010
Chromium			0.00205								6010
Copper			0.0027	U							6010
Iron			0.0225	U							6010
Lead			0.000636	U							7421
Manganese			0.0020	U							6010
Mercury			0.000173	U							7470
Nickel			0.0047	U							6010
Zinc			0.0175	U							6010
Calcium			0.102	U							6010
Magnesium			0.0379	U							6010
Potassium			0.358	U							6010
Sodium			0.108	U							6010

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ICP INTERFERENCE CHECK SAMPLE

Lab:	Thermo Analytical	Report Date:	03/25/96
Client:	CDM, Inc.	Lab P.N.:	L3193
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-01, Los Angeles Street Irwindale, CA		
Concentration Unit:	mg/l		

	Initial			Final		
Analyte	True Sol. AB	Found Sol. AB	%R	True Sol. AB	Found Sol. AB	%R
Aluminum	500	480	96	500	479	96
Barium	0.500	0.462	93	0.500	0.471	94
Cadmium	1.00	0.888	89	1.00	1.02	102
Chromium	0.500	0.466	93	0.500	0.467	94
Copper	0.500	0.454	91	0.500	0.446	89
Iron	200	168	84	200	165	83
Manganese	0.500	0.423	85	0.500	0.460	80
Nickel	1.00	0.842	84	1.00	0.900	90
Zinc	1.00	0.943	94	1.00	0.960	96
Calcium	500	429	86	500	490	98
Magnesium	500	471	94	500	469	94

%R control limits = 80 - 120 %.

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METALS SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU - Quarterly Sampling
Project Address: MW5-01, Los Angeles Street
Irwindale, CA

Report Date: 03/25/96
Lab P.N.: L3193
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3193-3
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/15/96	2.0000	0.129	1.91	89	6010
Arsenic	03/15/96	0.0800	0.000	0.0928	116	7060
Barium	03/15/96	2.000	0.0824	2.02	97	6010
Cadmium	03/18/96	2.000	0.000	1.93	96	6010
Chromium	03/15/96	2.000	0.00250	1.89	94	6010
Copper	03/15/96	2.000	0.00723	1.83	92	6010
Iron	03/15/96	2.000	0.0828	1.85	88	6010
Lead	03/15/96	0.0240	0.000	0.0233	97	7421
Manganese	03/27/96	2.000	0.00220	1.84	92	6010
Nickel	03/18/96	2.000	0.000	1.94	97	6010
Zinc	03/15/96	2.000	0.0283	1.90	94	6010
Mercury	03/15/96	0.00200	0.000	0.00204	102	7470
Calcium	03/18/96	2.000	42.5	45.4	148*	6010
Magnesium	03/15/96	2.000	9.77	11.7	98	6010
Potassium	03/15/96	20.00	2.64	21.5	94	6010
Sodium	03/15/96	2.000	20.8	22.9	104	6010

Column used to flag recovery values with an asterisk
*Value outside of control limits
Spike Recovery: 1 out of 16 outside limits.

Conc Spk = Concentration of Spike in Sample
%MS = Percent Recovery of MS
Control limits for Spike Samples are 75-125%.

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METALS POST SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU - Quarterly Sampling
Project Address: MW5-01, Los Angeles Street
Irwindale, CA

Report Date: 03/25/96
Lab P.N.: L3193
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3193-3
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/15/96	5.00	0.129	5.24	105	6010
Arsenic	03/15/96	0.0200	0.0000	0.0228	114	7060
Barium	03/15/96	5.00	0.0824	5.25	103	6010
Cadmium	03/18/96	5.00	0.0000	5.54	111	6010
Chromium	03/15/96	5.00	0.00250	5.31	106	6010
Copper	03/15/96	5.00	0.00723	4.98	100	6010
Iron	03/15/96	5.00	0.0828	5.20	102	6010
Lead	03/15/96	0.0200	0.0000	0.0197	99	7421
Manganese	03/27/96	5.00	0.00220	5.31	106	6010
Nickel	03/18/96	5.00	0.0000	5.49	110	6010
Zinc	03/15/96	5.00	0.0283	5.52	110	6010
Calcium	03/18/96	5.00	42.5	52.7	202*	6010
Magnesium	03/15/96	5.00	9.77	15.8	121	6010
Potassium	03/15/96	50.0	2.64	51.6	98	6010
Sodium	03/15/96	5.00	20.8	26.9	122	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 1 out of 15 outside limits.

Conc Spk = Concentration of Spike in Sample.
%MS = Percent Recovery of MS.
Control limits for Post Digest Spike Samples are 75-125%.

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METALS DUPLICATES

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU - Quarterly Sampling
Project Address: MW5-01, Los Angeles Street
Irwindale, CA

Report Date: 03/25/96
Lab P.N.: L3193
Client P.N.: 2581-112-T4-SAMP
Date Analyzed: 3/15/96-3/18/96

Matrix: Liquid
Lab Sample ID: L3193-3

Concentration Units: mg/l

Metal	Date Analyzed	Sample Result	Duplicate Result	RPD	Method
Calcium	03/18/96	42.5	42.5	0	6010
Magnesium	03/15/96	9.77	9.74	0	6010
Potassium	03/15/96	2.64	2.55	4	6010
Sodium	03/15/96	20.8	20.6	0	6010

*Value outside control limits

Control limits equal 0-20% if sample and duplicate concentrations >/= 5x MDL.
If both sample and duplicate concentrations are < MDL, then no control limt exists.

0 out of 4 outside limits

Comments: _____

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METALS LABORATORY CONTROL SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU - Quarterly Sampling
Project Address: MW5-01, Los Angeles Street
Irwindale, CA

Report Date: 03/25/96
Lab P.N.: L3193
Client P.N.: 2581-112-T4-SAMP

LCS Source: CR1-CRA-3 (Inorganic Ventures Lot #J-MEB25058) & QC-7(SPEX Lot #8-92AS)
QC-19(SPEX Lot #8-67AS), HG stock Std. (SPEX Lot #7-147AS)

Concentration: mg/l

Metal	Date	LCS True Conc.	Result	%RC	Method
Aluminum	03/15/96	2.00	1.90	95	6010
Arsenic	03/15/96	0.0800	0.0832	104	7060
Barium	03/15/96	2.00	1.95	97	6010
Cadmium	03/18/96	2.00	1.81	90	6010
Chromium	03/15/96	2.00	1.92	96	6010
Copper	03/15/96	2.00	1.89	94	6010
Iron	03/15/96	2.00	1.93	97	6010
Lead	03/15/96	0.0240	0.0236	98	7421
Manganese	03/27/96	2.00	1.88	94	6010
Mercury	03/15/96	0.00200	0.00207	104	7470
Nickel	03/18/96	2.00	1.92	96	6010
Zinc	03/15/96	2.00	1.89	95	6010
Calcium	03/18/96	2.00	2.18	109	6010
Magnesium	03/15/96	2.00	1.95	97	6010
Potassium	03/15/96	20.0	19.2	96	6010
Sodium	03/15/96	2.00	2.17	108	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 0 out of 16 outside limits.

Control Limits for Laboratory Control Check Sample are 80-120%.

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ICP SERIAL DILUTIONS

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU - Quarterly Sampling
Project Address: MW5-01, Los Angeles Street
Irwindale, CA

Report Date: 03/25/96
Lab P.N.: L3193
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Concentration Unit: mg/l

Metal	Initial Sample Result	Serial Dilution Result	% DIFF	Method
Barium	0.0824	0.0896	9	6010
Calcium	42.5	46.1	8	6010
Magnesium	9.77	10.7	10	6010
Sodium	20.8	21.8	5	6010

%DIFF = % Difference
Series dilution (1:4 with blank water) must be performed for each batch of samples using one representative sample.
%DIFF = [(Sample Result - Series Dilution Result)/Sample Result] X 100

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1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	3/25/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3193
		Client P.N.:	2581-112-T4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/13/96
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Received:	3/13/96
		Date Analyzed:	3/14/96-3/18/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Alkalinity (EPA 310.1)	M	81	-	80-120	-	-
Chloride (EPA 300.0)	M	110	109	80-120	1	0-20
Nitrate-N (EPA 300.0)	M	102	102	80-120	0	0-20
Nitrite-N (EPA 300.0)	M	100	100	80-120	0	0-20
Sulfate (EPA 300.0)	M	103	103	80-120	0	0-20

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	3/25/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3193
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/13/96
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Analyzed:	3/14/96-3/15/96
		Physical State:	Liquid

Client Sample ID	Alkalinity Bicarbonate EPA 310.1 mg/l	Alkalinity Carbonate EPA 310.1 mg/l	Total Dissolved Solids EPA 160.1 mg/l	Total Suspended Solids EPA 160.2 mg/l
BP-GW-MW50107-031396	150	ND	260	ND
BP-GW-MW50108-031396	220	ND	360	ND
BP-GW-MW50109-031396	220	ND	370	ND
BP-GW-MW50110-031396	220	ND	400	ND
BP-GW-MW50111-031396	250	ND	480	ND
BP-GW-MW50112-031396	170	ND	360	ND
BP-GW-MW50113-031396	110	ND	250	ND
BP-GW-MW50113K-031396	120	ND	260	ND
BP-GW-MW50113N-031396	ND	ND	ND	ND
Quantitation Limits mg/l	1.0	1.0	12	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	3/25/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3193
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/13/96
Project Address:	MW5-01 Los Angeles Street	Date Analyzed:	3/14/96-3/18/96
	Irwindale, CA	Physical State:	Liquid

Client Sample ID	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l	Hardness EPA 130.2 mg/l
BP-GW-MW50107-031396	ND	2.4	160
BP-GW-MW50108-031396	ND	6.2	270
BP-GW-MW50109-031396	ND	6.2	270
BP-GW-MW50110-031396	ND	5.6	290
BP-GW-MW50111-031396	3.2	7.6	320
BP-GW-MW50112-031396	0.57	7.7	260
BP-GW-MW50113-031396	ND	ND	180
BP-GW-MW50113K-031396	ND	ND	180
BP-GW-MW50113N-031396	ND	ND	12
Quantitation Limits mg/l	0.25	0.25	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	3/25/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3193
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/13/96
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Analyzed:	3/14/96-3/18/96
		Physical State:	Liquid

Client Sample ID	Chloride EPA 300.0 mg/l	Quantitation Limits mg/l
BP-GW-MW50107-031396	8.4	0.25
BP-GW-MW50108-031396	26	0.50
BP-GW-MW50109-031396	26	0.50
BP-GW-MW50110-031396	31	1.3
BP-GW-MW50111-031396	40	1.3
BP-GW-MW50112-031396	35	1.3
BP-GW-MW50113-031396	36	1.3
BP-GW-MW50113K-031396	36	1.3
BP-GW-MW50113N-031396	ND	0.25

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	3/25/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3193
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/13/96
Project Address:	MW5-01 Los Angeles Street Irwindale, CA	Date Analyzed:	3/14/96-3/18/96
		Physical State:	Liquid

Client Sample ID	Sulfate EPA 300.0 mg/l	Quantitation Limits mg/l
BP-GW-MW50107-031396	26	1.0
BP-GW-MW50108-031396	30	1.0
BP-GW-MW50109-031396	31	1.0
BP-GW-MW50110-031396	33	1.0
BP-GW-MW50111-031396	43	2.0
BP-GW-MW50112-031396	36	1.0
BP-GW-MW50113-031396	38	1.0
BP-GW-MW50113K-031396	38	1.0
BP-GW-MW50113N-031396	ND	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
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REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 3/25/96

RECEIVED: 3/14/96

LABORATORY NO. 87024

SAMPLE: Water/8

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-MW50107-031396	116	+/- 15
BP-GW-MW50108-031396	105	+/- 15
BP-GW-MW50109-031396	123	+/- 14
BP-GW-MW50110-031396	109	+/- 15
BP-GW-MW50111-031396	87	+/- 14
BP-GW-MW50112-031396	103	+/- 14
BP-GW-MW50113-031396	39	+/- 12
BP-GW-MW50113K-031396	57	+/- 14

Date Analyzed: 3/14/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

CHAIN-OF-CUSTODY RECORD

Client: CDM

Date: 03-13-96

Project Name: BPOU - Quarterly Sampling

Client Reference #: 2581-112-T4-SAMP

Project Address: MW5-01 Los Angeles St. Irwindale, CA

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Project Contact (please print): S. Rowe / B. Wells

Analysis Requested (All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse))

Page 1 of 2

Lab Use Only
Lab Job # L3193
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☒ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon - Draft Method 913	VOCs - EPA 8021 (6010/7000)	* Metals (Al, As, Ba, Ca, Cr, Cu, Fe, Pb, Mn, Ni, Zn, Hg, Se)	* Cations (Ca, Mg, K, Na)	TDS 1755	Anions (Cl, SO4, NO3, NO2) 160.1/160.2	Alkal. (CO3, HCO3) - 2320	Hardness - 130.2	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-MW50107-031396	(765-775)	03-13-96	0930	L	X								4	40ml VOAs **	L3193-1
↓			0930	L		X							4	40ml VOAs w/HCl **	-2
↓			1000	L			X	X	X	X	X	X	2	1-l poly **	-3
BP-GW-MW50108-031396	(640-650)		1105	L	X								2	40ml VOAs	-4
↓			↓	L		X							2	40ml VOAs w/HCl	-5
↓			↓	L			X	X	X	X	X	X	1	1l poly	-6
BP-GW-MW50109-031396	(523-533)		1210	L	X								2	40ml VOAs	-7
↓			↓	L		X							2	40ml VOAs w/HCl	-8
↓			↓	L			X	X	X	X	X	X	1	1l poly	-9
BP-GW-MW50110-031396	(430-440)		1310	L	X								2	40ml VOAs	-10
↓			↓	L		X							2	40ml VOAs w/HCl	-11
↓			↓	L			X	X	X	X	X	X	1	1l poly	-12
BP-GW-MW50111-031396	(325-335)		1410	L	X								2	40ml VOAs	-13
↓			↓	L		X							2	40ml VOAs w/HCl	-14
↓		↓	↓	L			X	X	X	X	X	X	1	1l poly	-15

❶ Relinquished by (signature)* Barbara Weeler	❷ Received by (signature)	Date 03-13-96	30 Total Number of Containers
Company CDM	Company	Time	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature) Ann Bailey	Date 3/13/96	
Company	Laboratory Name THERMO ANALYTICAL	Time 1810	

Special Instructions
* filter at lab ASAP - 0.45 µM filter
** Double volume - lab QC
CLP-like Deliverables

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800.377 2322
Fax 714.757.7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602.437.9367 Fax 602.437.9362

CHAIN-OF-CUSTODY RECORD

Client CDM

Date 03-13-96

Page 2 of 2

Project Name BPOU - Quarterly Sampling

Client Reference # 2581-112-34-SAMP

Project Address MW5-01 Los Angeles St.
Irwindale CA

Project Contact (please print) S. Rowe / B. Wells

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Lab Use Only
Lab Job # L3193
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☒ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon - Draft 913	VOCs - 8021	*Metals - See Page 1	*Cations - See Page 1	TDS/TSS	Anions - See Page 1	Alkal.	Hardness	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-MW50112-031396 (287-297)		03-13-96	1450	L	X								2	40ml VOAs	L3193-16
				L		X							2	40ml VOAs w/HCl	-17
				L			X	X	X	X	X	X	1	1l poly	-18
BP-GW-MW50113-031396 (216-226)			1540	L	X								2	40ml VOAs	-19
			1540	L		X							2	40ml VOAs w/HCl	-20
			1555	L			X	X	X	X	X	X	1	1l poly	-21
BP-GW-MW50113K-031396			1550	L		X							2	40ml VOAs w/HCl	-22
			1550	L	X								2	40ml VOAs	-23
		BW	1600	L			X	X	X	X	X	X	1	1l poly	-24
BP-GW-MW50113N-031396			1605	L		X							2	40ml VOAs w/HCl	-25
			1605	L			X	X	X	X	X	X	1	1l poly	-26

❶ Relinquished by (signature)* Barbara Fuller	❷ Received by (signature)	Date 03-13-96	18 Total Number of Containers
Company CDM	Company	Time	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature) Don Bailey	Date 3/13/96	
Company	Laboratory Name TMA	Time 1810	

Special Instructions
* Filter at lab - 0.45 µm filter CLP-like Deliverables

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800 377.2322
Fax 714.757.7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602.437.9367 Fax 602.437.9362

TMA
Thermo Analytical

1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274

Formerly Terra Tech Labs

April 17, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: Revised CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3194

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 3/13/96 were analyzed by Thermo Analytical for: Volatile Organic Compounds (VOC's) by EPA Method 8021, Metals by EPA 6000/7000 methods and various Wet Chemistry parameters.

The EPA Method 8021 sample taken on 3/13/96 was analyzed which is within the allowable method holding time. The sample and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The Metals were analyzed 3/15/96 - 3/27/96. The matrix spike percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample. The post spike sample percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley
Program Manager

Enclosure

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3194
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/13/96
Project Address:	ALRC	Date Analyzed:	03/15/96
	Azusa, CA	Time Analyzed:	19:30
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-W11AZW09-031396	Lab Sample ID:	L3194-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.32	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	4.1	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	1.7	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.65	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.39	
79-01-6	Trichloroethene	24	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	29	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3194
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/13/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/13/96
Project Address:	ALRC	Date Analyzed:	03/15/96
	Azusa, CA	Time Analyzed:	19:30
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-W11AZW09-031396	Lab Sample ID:	L3194-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	1.3	

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3194
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	ALRC	Date Analyzed:	03/15/96
	Azusa, CA	Time Analyzed:	17:28
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	3/15 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3194
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	ALRC	Date Analyzed:	03/15/96
	Azusa, CA	Time Analyzed:	17:28
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	3/15 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 SURROGATE RECOVERY

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3194
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	3/15/96-3/16/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	ALRC Azusa, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	98	92	108
CCV	93	92	98
Method Blank	99	95	111
L3194-1	99	105	106
LCS	104	94	109
MS	97	93	108
MSD	95	91	105
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3194
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	3/16/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	ALRC Azusa, CA		
Matrix:	Liquid		
		Lab Sample ID:	L3202-5

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC. #	QC LIMITS REC.
Benzene	20.0	0.1	21.8	109	74-121
Toluene	20.0	0.1	21.1	105	72-121
Ethylbenzene	20.0	0.0	21.7	109	72-117
o-Xylene	20.0	0.0	21.7	109	66-124
1,1-Dichloroethane	20.0	0.4	21.9	108	73-121
1,1,1-Trichloroethane	20.0	0.3	20.5	101	72-126
cis-1,3-Dichloropropene	20.0	0.0	20.9	105	58-124
Chlorobenzene	20.0	0.0	20.2	101	52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	21.5	107	2	0-10	74-121
Toluene	20.0	20.7	103	2	0-16	72-121
Ethylbenzene	20.0	21.3	107	2	0-14	72-117
o-Xylene	20.0	21.3	107	2	0-14	66-124
1,1-Dichloroethane	20.0	21.3	105	3	0-18	73-121
1,1,1-Trichloroethane	20.0	20.1	99	2	0-15	72-126
cis-1,3-Dichloropropene	20.0	20.3	102	3	0-22	58-124
Chlorobenzene	20.0	19.4	97	4	0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 LABORATORY CONTROL SAMPLE RECOVERY

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3194
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/15/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	ALRC Azusa, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	22.5	113	75-125
Toluene	20.0	21.8	109	75-125
Ethylbenzene	20.0	22.5	113	75-125
o-Xylene	20.0	22.6	113	75-125
1,1-Dichloroethane	20.0	22.3	112	75-125
1,1,1-Trichloroethane	20.0	20.9	105	75-125
cis-1,3-Dichloropropene	20.0	21.2	106	75-125
Chlorobenzene	20.0	21.2	106	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
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EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3194
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/15/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4435	1
Chloromethane	9103	10	8863	3
Vinyl chloride	7475	9	8179	9
Bromomethane	4053	10	4330	7
Chloroethane	8231	9	8798	7
Trichlorofluoromethane	11964	9	12777	7
1,1-Dichloroethene	11045	9	11696	6
Methylene chloride	14825	12	15204	3
trans-1,2-Dichloroethene	11709	10	12152	4
1,1-Dichloroethane	11841	10	12493	6
cis-1,2-Dichloroethene	12091	9	12564	4
2,2-Dichloropropane	10669	12	11356	6
Bromochloromethane	8662	11	8806	2
Chloroform	15533	10	15952	3
1,1,1-Trichloroethane	14156	10	14496	2
Carbon tetrachloride	16313	9	16962	4
1,1-Dichloropropene	5579	14	6209	11
1,2-Dichloroethane	11607	9	11554	0
Trichloroethene	14474	8	14729	2
1,2-Dichloropropane	11206	8	11397	2
Dibromomethane	5500	11	5841	6
Bromodichloromethane	11224	9	11560	3
2-Chloroethyl vinyl ether	5579	14	6209	11
cis-1,3-Dichloropropene	9669	9	10205	6
trans-1,3-Dichloropropene	8941	8	9366	5
1,1,2-Trichloroethane	11768	6	11930	1
Tetrachloroethene	13939	9	14294	3
1,3-Dichloropropane	9412	8	9557	2
Dibromochloromethane	7533	13	8002	6
1,2-Dibromoethane	5371	8	5318	1
Chlorobenzene	5594	8	5690	2
1,1,1,2-Tetrachloroethane	13135	8	13707	4
Bromoform	5407	14	5564	3
1,1,2,2-Tetrachloroethane	9429	10	9024	4
1,2,3-Trichloropropane	7711	10	7191	7
2-Chlorotoluene	4767	8	5039	6
4-Chlorotoluene	4825	7	5084	5
1,3-Dichlorobenzene	7645	8	7949	4
1,4-Dichlorobenzene	8104	8	8226	2
1,2-Dichlorobenzene	7800	7	7909	1

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

TMA
Thermo Analytical

* Value outside of control limits

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3194
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/15/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2555	3
1,2,4-Trichlorobenzene	8865	8	9063	2
Hexachlorobutadiene	12492	9	12921	3
1,2,3-Trichlorobenzene	8957	8	8871	1
Benzene	3199	5	3523	10
Toluene	3013	5	3234	7
Ethylbenzene	2654	5	2935	11
p,m-Xylenes	3095	3	3388	9
o-Xylene	2666	4	2914	9
Styrene	3501	3	3727	6
Isopropylbenzene	1967	7	2204	12
Bromobenzene	3251	3	3450	6
Propylbenzene	2841	13	3132	10
1,3,5-Trimethylbenzene	3661	3	4003	9
tert-Butylbenzene	2109	5	2257	7
1,2,4-Trimethylbenzene	2784	3	3033	9
sec-Butylbenzene	2178	3	2395	10
4-Isopropyltoluene	2137	4	2286	7
n-Butylbenzene	2350	2	2576	10
Naphthalene	2501	14	2655	6

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	03/25/96
		Lab P.N.:	L3194
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/16/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4105	6
Chloromethane	9103	10	8109	11
Vinyl chloride	7475	9	7582	1
Bromomethane	4053	10	3933	3
Chloroethane	8231	9	8298	1
Trichlorofluoromethane	11964	9	12229	2
1,1-Dichloroethene	11045	9	11722	6
Methylene chloride	14825	12	14868	0
trans-1,2-Dichloroethene	11709	10	12082	3
1,1-Dichloroethane	11841	10	12289	4
cis-1,2-Dichloroethene	12091	9	12298	2
2,2-Dichloropropane	10669	12	9460	11
Bromochloromethane	8662	11	8891	3
Chloroform	15533	10	15738	1
1,1,1-Trichloroethane	14156	10	13768	3
Carbon tetrachloride	16313	9	16346	0
1,1-Dichloropropene	5579	14	5998	8
1,2-Dichloroethane	11607	9	11748	1
Trichloroethene	14474	8	15372	6
1,2-Dichloropropane	11206	8	11142	1
Dibromomethane	5500	11	5976	9
Bromodichloromethane	11224	9	11350	1
2-Chloroethyl vinyl ether	5579	14	5998	8
cis-1,3-Dichloropropene	9669	9	9342	3
trans-1,3-Dichloropropene	8941	8	8782	2
1,1,2-Trichloroethane	11768	6	11951	2
Tetrachloroethene	13939	9	13899	0
1,3-Dichloropropane	9412	8	9565	2
Dibromochloromethane	7533	13	8118	8
1,2-Dibromoethane	5371	8	5411	1
Chlorobenzene	5594	8	5442	3
1,1,1,2-Tetrachloroethane	13135	8	13455	2
Bromoform	5407	14	5892	9
1,1,2,2-Tetrachloroethane	9429	10	8239	13
1,2,3-Trichloropropane	7711	10	7348	5
2-Chlorotoluene	4767	8	4838	1
4-Chlorotoluene	4825	7	4815	0
1,3-Dichlorobenzene	7645	8	7599	1
1,4-Dichlorobenzene	8104	8	7917	2
1,2-Dichlorobenzene	7800	7	7715	1

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

TMA
Thermo Analytical

* Value outside of control limits

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	03/25/96
		Lab P.N.:	L3194
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/16/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2567	3
1,2,4-Trichlorobenzene	8865	8	8156	8
Hexachlorobutadiene	12492	9	11311	9
1,2,3-Trichlorobenzene	8957	8	7977	11
Benzene	3199	5	3365	5
Toluene	3013	5	3090	3
Ethylbenzene	2654	5	2780	5
p,m-Xylenes	3095	3	3214	4
o-Xylene	2666	4	2805	5
Styrene	3501	3	3579	2
Isopropylbenzene	1967	7	2091	6
Bromobenzene	3251	3	3372	4
Propylbenzene	2841	13	2915	3
1,3,5-Trimethylbenzene	3661	3	3714	1
tert-Butylbenzene	2109	5	2171	3
1,2,4-Trimethylbenzene	2784	3	2831	2
sec-Butylbenzene	2178	3	2249	3
4-Isopropyltoluene	2137	4	2116	1
n-Butylbenzene	2350	2	2309	2
Naphthalene	2501	14	2552	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3194
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/13/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/13/96
Project Address:	ALRC Azusa, CA	Date Analyzed:	3/15/96-3/27/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-W11AZW09-031396	Lab Sample ID:	L3194-1

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.116	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00921	
Copper	Copper	6010	0.0133	
Iron	Iron	6010	0.0340	
Lead	Lead	7421	0.00739	
Manganese	Manganese	6010	0.00590	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.262	
Calcium	Calcium	6010	56.6	
Magnesium	Magnesium	6010	10.5	
Potassium	Potassium	6010	3.35	
Sodium	Sodium	6010	11.9	

Comments:

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3194
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	Baldwin Park Operable Unit		
Project Address:	BPOU - Quarterly Sampling ALRC Azusa, CA		
Concentration:	mg/l		

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum	2.50	2.52	101	1.00	1.07	107	1.04	104	6010
Arsenic	0.0250	0.0255	102	0.0250	0.0251	100	0.0251	100	7060
Barium	2.50	2.58	103	1.00	1.03	103	1.03	103	6010
Cadmium	1.25	1.22	98	2.50	2.43	98	2.57	103	6010
Chromium	2.50	2.42	97	2.50	2.61	104	2.60	104	6010
Copper	2.50	2.44	98	2.50	2.51	100	2.87	98	6010
Iron	2.50	2.47	99	2.50	2.60	104	2.54	102	6010
Lead	0.0250	0.0255	102	0.0250	0.0244	98	0.0245	98	7421
Manganese	2.50	2.67	107	2.50	2.54	102	2.63	105	6010
Nickel	2.50	2.50	100	2.50	2.51	100	2.67	106	6010
Zinc	2.50	2.36	95	2.50	2.61	104	2.65	106	6010
Mercury	0.00500	0.00475	95	0.00300	0.00302	101	0.00314	105	7470
Calcium	25.0	24.0	96	2.50	2.33	94	2.53	101	6010
Magnesium	25.0	24.8	99	2.50	2.58	104	2.53	102	6010
Potassium	25.0	25.0	100	10.0	10.2	102	9.93	99	6010
Sodium	25.0	25.3	101	1.00	1.02	102	1.02	102	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3194
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	Baldwin Park Operable Unit		
Project Address:	BPOU - Quarterly Sampling ALRC Azusa, CA		
Concentration:	mg/l		

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				1.00	1.04	104	1.04	104	6010
Arsenic				0.0250	0.0260	104	0.0256	102	7060
Barium				1.00	1.05	105	1.04	104	6010
Cadmium				2.50	2.74	110	2.75	110	6010
Chromium				2.50	2.60	104	2.65	106	6010
Copper				2.50	2.49	99	2.47	98	6010
Iron				2.50	2.53	102	2.56	103	6010
Lead				0.0250	0.0247	99	0.0246	98	7421
Manganese				2.50	2.60	104	2.61	104	6010
Nickel				2.50	2.68	107	2.70	108	6010
Zinc				2.50	2.65	106	2.71	108	6010
Mercury				0.00300	0.00307	102	0.00323	108	7470
Calcium				2.50	2.68	108	2.70	108	6010
Magnesium				2.50	2.54	102	2.55	102	6010
Potassium				10.0	9.82	98	9.83	98	6010
Sodium				1.00	1.04	104	1.03	103	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3194
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	Baldwin Park Operable Unit		
Project Address:	ALRC Azusa, CA		

Matrix: Liquid
Date Analyzed: 3/15/96-3/27/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum	0.0437	U	0.0437	U	0.0437	U	0.0437	U	0.0437	U	6010
Arsenic	0.00299	U	0.00299	U	0.00299	U	0.00299	U	0.00299	U	7060
Barium	0.00167		0.00034	U	0.00034	U	0.00034	U	0.00337		6010
Cadmium	0.0017	U	0.0017	U	0.0017	U	0.0017	U	0.0017	U	6010
Chromium	0.0018	U	0.0018	U	0.00239		0.0018	U	0.00227		6010
Copper	0.0027	U	0.0027	U	0.0027	U	0.0027	U	0.00431		6010
Iron	0.0225	U	0.0225	U	0.0225	U	0.0225	U	0.0225	U	6010
Lead	0.000636	U	0.000636	U	0.000636	U	0.000636	U	0.000636	U	7421
Manganese	0.00200	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	6010
Mercury	0.000173	U	0.000173	U	0.000173	U	0.000173	U	0.000173	U	7470
Nickel	0.0047	U	0.0047	U	0.0047	U	0.0047	U	0.0047	U	6010
Zinc	0.0175	U	0.0175	U	0.0175	U	0.0175	U	0.0175	U	6010
Calcium	0.102	U	0.102	U	0.102	U	0.102	U	0.459		6010
Magnesium	0.0379	U	0.0379	U	0.0379	U	0.0379	U	0.132		6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium	0.108	U	0.108	U	0.108	U	0.108	U	0.108	U	6010

TMA
Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/02/96
Client:	CDM, Inc.	Lab P.N.:	L3194
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	Baldwin Park Operable Unit		
Project Address:	ALRC Azusa, CA		
Matrix:	Liquid		
Date Analyzed:	3/15/96-3/27/96		
Concentration:	mg/l		

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum			0.0437	U							6010
Arsenic			0.00299	U							7060
Barium			0.00134	U							6010
Cadmium			0.0017	U							6010
Chromium			0.00205								6010
Copper			0.0027	U							6010
Iron			0.0225	U							6010
Lead			0.000636	U							7421
Manganese			0.0020	U							6010
Mercury			0.000173	U							7470
Nickel			0.0047	U							6010
Zinc			0.0175	U							6010
Calcium			0.102	U							6010
Magnesium			0.0379	U							6010
Potassium			0.358	U							6010
Sodium			0.108	U							6010

TMA
Thermo Analytical

ICP INTERFERENCE CHECK SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: Baldwin Park Operable Unit
Project Address: ALRC
Azusa, CA
Concentration Unit: mg/l

Report Date: 04/02/96
Lab P.N.: L3194
Client P.N.: 2581-112-T4-SAMP

Analyte	Initial True Sol. AB	Initial Found Sol. AB	Initial %R	Final True Sol. AB	Final Found Sol. AB	Final %R
Aluminum	500	480	96	500	479	96
Barium	0.500	0.462	93	0.500	0.471	94
Cadmium	1.00	0.888	89	1.00	1.02	102
Chromium	0.500	0.466	93	0.500	0.467	94
Copper	0.500	0.454	91	0.500	0.446	89
Iron	200	168	84	200	165	83
Manganese	0.500	0.423	85	0.500	0.460	80
Nickel	1.00	0.842	84	1.00	0.900	90
Zinc	1.00	0.943	94	1.00	0.960	96
Calcium	500	429	86	500	490	98
Magnesium	500	471	94	500	469	94

%R control limits = 80 - 120 %.

TMA
Thermo Analytical

METALS SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: Baldwin Park Operable Unit
Project Address: BPOU - Quarterly Sampling
ALRC
Azusa, CA
Matrix: Liquid
Lab Sample ID: L3193-3
Concentration: mg/l

Report Date: 04/02/96
Lab P.N.: L3194
Client P.N.: 2581-112-T4-SAMP

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/15/96	2.0000	0.129	1.91	89	6010
Arsenic	03/15/96	0.0800	0.000	0.0928	116	7060
Barium	03/15/96	2.000	0.0824	2.02	97	6010
Cadmium	03/18/96	2.000	0.000	1.93	96	6010
Chromium	03/15/96	2.000	0.00250	1.89	94	6010
Copper	03/15/96	2.000	0.00723	1.83	92	6010
Iron	03/15/96	2.000	0.0828	1.85	88	6010
Lead	03/15/96	0.0240	0.000	0.0233	97	7421
Manganese	03/27/96	2.000	0.00220	1.84	92	6010
Nickel	03/18/96	2.000	0.000	1.94	97	6010
Zinc	03/15/96	2.000	0.0283	1.90	94	6010
Mercury	03/15/96	0.00200	0.000	0.00204	102	7470
Calcium	03/18/96	2.000	42.5	45.4	148*	6010
Magnesium	03/15/96	2.000	9.77	11.7	98	6010
Potassium	03/15/96	20.00	2.64	21.5	94	6010
Sodium	03/15/96	2.000	20.8	22.9	104	6010

Column used to flag recovery values with an asterisk
*Value outside of control limits
Spike Recovery: 1 out of 16 outside limits.

Conc Spk = Concentration of Spike in Sample
%MS = Percent Recovery of MS
Control limits for Spike Samples are 75-125%.

TMA
Thermo Analytical

METALS POST SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: Baldwin Park Operable Unit
Project Address: BPOU - Quarterly Sampling
ALRC
Azusa, CA
Matrix: Liquid
Lab Sample ID: L3193-3
Concentration: mg/l

Report Date: 04/02/96
Lab P.N.: L3194
Client P.N.: 2581-112-T4-SAMP

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/15/96	5.00	0.129	5.24	105	6010
Arsenic	03/15/96	0.0200	0.0000	0.0228	114	7060
Barium	03/15/96	5.00	0.0824	5.25	103	6010
Cadmium	03/18/96	5.00	0.0000	5.54	111	6010
Chromium	03/15/96	5.00	0.00250	5.31	106	6010
Copper	03/15/96	5.00	0.00723	4.98	100	6010
Iron	03/15/96	5.00	0.0828	5.20	102	6010
Lead	03/15/96	0.0200	0.0000	0.0197	99	7421
Manganese	03/27/96	5.00	0.00220	5.31	106	6010
Nickel	03/18/96	5.00	0.0000	5.49	110	6010
Zinc	03/15/96	5.00	0.0283	5.52	110	6010
Calcium	03/18/96	5.00	42.5	52.7	202*	6010
Magnesium	03/15/96	5.00	9.77	15.8	121	6010
Potassium	03/15/96	50.0	2.64	51.6	98	6010
Sodium	03/15/96	5.00	20.8	26.9	122	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 1 out of 15 outside limits.

Conc Spk = Concentration of Spike in Sample.
%MS = Percent Recovery of MS.
Control limits for Post Digest Spike Samples are 75-125%.

TMA
Thermo Analytical

METALS DUPLICATES

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: Baldwin Park Operable Unit
Project Address: ALRC
Azusa, CA

Report Date: 04/02/96
Lab P.N.: L3194
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3180-3
Client Sample ID: BP-GW-MW50101-031196

Concentration Units: mg/l

Metal	Date Analyzed	Sample Result	Duplicate Result	RPD	Method
Calcium	03/18/96	42.5	42.5	0	6010
Magnesium	03/15/96	9.77	9.74	0	6010
Potassium	03/15/96	2.64	2.55	4	6010
Sodium	03/15/96	20.8	20.6	0	6010

*Value outside control limits

Control limits equal 0-20% if sample and duplicate concentrations >/= 5x MDL.
If both sample and duplicate concentrations are < MDL, then no control limt exists.

0 out of 4 outside limits

Comments: _____

TMA
Thermo Analytical

METALS LABORATORY CONTROL SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: Baldwin Park Operable Unit
Project Address: ALRC
Azusa, CA

Report Date: 04/02/96
Lab P.N.: L3194
Client P.N.: 2581-112-T4-SAMP

LCS Source: CR1-CRA-3 (Inorganic Ventures Lot #J-MEB25058) & QC-7(SPEX Lot #8-92AS)
QC-19(SPEX Lot #8-67AS), HG stock Std. (SPEX Lot #7-147AS)

Concentration: mg/l

Metal	Date	LCS True Conc.	Result	%RC	Method
Aluminum	03/15/96	2.00	1.90	95	6010
Arsenic	03/15/96	0.0800	0.0832	104	7060
Barium	03/15/96	2.00	1.95	97	6010
Cadmium	03/18/96	2.00	1.81	90	6010
Chromium	03/15/96	2.00	1.92	96	6010
Copper	03/15/96	2.00	1.89	94	6010
Iron	03/15/96	2.00	1.93	97	6010
Lead	03/15/96	0.0240	0.0236	98	7421
Manganese	03/27/96	2.00	1.88	94	6010
Mercury	03/15/96	0.00200	0.00207	104	7470
Nickel	03/18/96	2.00	1.92	96	6010
Zinc	03/15/96	2.00	1.89	95	6010
Calcium	03/18/96	2.00	2.18	109	6010
Magnesium	03/15/96	2.00	1.95	97	6010
Potassium	03/15/96	20.0	19.2	96	6010
Sodium	03/15/96	2.00	2.17	108	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 0 out of 16 outside limits.

Control Limits for Laboratory Control Check Sample are 80-120%.

TMA
Thermo Analytical

ICP SERIAL DILUTIONS

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU - Quarterly Sampling
Project Address: ALRC
Azusa, CA

Report Date: 04/02/96
Lab P.N.: L3194
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Concentration Unit: mg/l

Metal	Initial Sample Result	Serial Dilution Result	% DIFF	Method
Barium	0.0824	0.0896	9	6010
Calcium	42.5	46.1	8	6010
Magnesium	9.77	10.7	10	6010
Sodium	20.8	21.8	5	6010

%DIFF = % Difference
Series dilution (1:4 with blank water) must be performed for each batch of samples using one representative sample.
%DIFF = [(Sample Result - Series Dilution Result)/Sample Result] X 100

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1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	4/2/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3194
		Client P.N.:	2581-112-T4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/13/96
Project Address:	ALRC Azusa, CA	Date Received:	3/13/96
		Date Analyzed:	3/14/96-3/18/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Alkalinity (EPA 310.1)	M	81	-	80-120	-	-
Chloride (EPA 300.0)	M	110	109	80-120	1	0-20
Nitrate-N (EPA 300.0)	M	102	102	80-120	0	0-20
Nitrite-N (EPA 300.0)	M	100	100	80-120	0	0-20
Sulfate (EPA 300.0)	M	103	103	80-120	0	0-20

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/2/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3194
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/13/96
Project Address:	ALRC Azusa, CA	Date Analyzed:	3/14/96-3/15/96
		Physical State:	Liquid

Client Sample ID	Alkalinity Bicarbonate EPA 310.1 mg/l	Alkalinity Carbonate EPA 310.1 mg/l	Total Dissolved Solids EPA 160.1 mg/l	Total Suspended Solids EPA 160.2 mg/l
BP-GW-W11AZW09-031396	130	ND	260	ND
Quantitation Limits mg/l	1.0	1.0	12	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/2/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3194
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/13/96
Project Address:	ALRC	Date Analyzed:	3/14/96-3/18/96
	Azusa, CA	Physical State:	Liquid

Client Sample ID	Sulfate EPA 300.0 mg/l	Chloride EPA 300.0 mg/l	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l	Hardness EPA 130.2 mg/l
BP-GW-W11AZW09-031396	38	20	ND	6.1	190
Quantitation Limits mg/l	1.0	1.3	0.25	0.25	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 3/25/96

RECEIVED: 3/14/96

LABORATORY NO. 87023

SAMPLE: Water/2

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-W11AZ-WO9-031396	116	+/- 15
BP-GW-W11AZ-W03-031396	105	+/- 15

Date Analyzed: 3/14/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

CHAIN-OF-CUSTODY RECORD

Client CDM

Date 3-13-96

Project Name BPOU - Quarterly Sampling

Client Reference # 2581-112-T4-SAMP

Project Address ALRC

Azusa, CA

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Project Contact (please print) S. Rowe / B. Wells

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Page 1 of 1

Lab Use Only
Lab Job # L3194
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☒ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon 222 - Draft Method 913	VOCs - 8021	Metals (Al, As, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Ni, Zn, Hg)	Cations (Ca, Mg, K, Na)	Anions (Cl, SO4, NO3, NO2)	TDS/TSS 160.1/160.2	Alkal. (CO3, HCO3) -2320	Hardness (130.2)	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-W11AZW09-031396	ALRC MW-9	03-13-96	1200	L	X	X	X	X	X	X	X	X	5	3-40ml VOAs w/HCl, 1-1L poly, 1-125ml Glass amber	L3194-1
BP-GW-W11AZW03-031396	ALRC MW-3	03-13-96	1420	L	X								1	1-125ml Glass amber	-2

❶ Relinquished by (signature)*	❷ Received by (signature)	Date	Total Number of Containers
Barbara Wells		03-13-96	6
Company: CDM	Company	Time	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date: 3/13/96	
Company	Laboratory Name: THERMO ANALYTICAL	Time: 1810	

Special Instructions: Filter at lab ASAP - 0.45 um CLP-like deliverables

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave.
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Tel 714.757.7022 800 377.2322
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TMA
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Formerly Terra Tech Labs

April 12, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3202

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 3/14/96 were analyzed by Thermo Analytical for: Volatile Organic Compounds (VOC's) by EPA Method 8021, Metals by EPA 6000/7000 methods and various Wet Chemistry parameters.

The EPA Method 8021 samples taken on 3/14/96 were analyzed 3/15/96 - 3/19/96 which is within the allowable method holding time. The samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The 3/15/96 Laboratory Control Sample Spike Duplicate was used as the beginning continuing calibration for 3/15/96. The 3/19/96 continuing calibrations had compounds with percent differences outside the acceptable QC limits. However, Trichloroethene and Tetrachloroethene were the only compounds of interest. The percent differences for both compounds were within acceptable QC limits.

The Metals were analyzed 3/20/96 - 3/22/96. The matrix spike percent recoveries for Calcium and Sodium were outside the acceptable QC limits due to the high concentration found in the native sample. The post spike sample percent recoveries for Calcium and Sodium were outside the acceptable QC limits due to the high concentrations found in the native sample.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley
Program Manager

Enclosure

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/14/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	22:55
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51101-031496	Lab Sample ID:	L3202-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	21	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	7.9	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/14/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	22:55
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51101-031496	Lab Sample ID:	L3202-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.16	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/14/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	23:36
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51102-031496	Lab Sample ID:	L3202-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	1.4	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	44	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	4.6	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	2.8	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	2.8	
79-01-6	Trichloroethene	540	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	650	D
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

Dilution factor = 50, analyzed on 03/20/96
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/14/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13 Irwindale, CA	Date Analyzed:	03/15/96
		Time Analyzed:	23:36
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51102-031496	Lab Sample ID:	L3202-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.34	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/14/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/18/96
	Irwindale, CA	Time Analyzed:	21:48
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51103-031496	Lab Sample ID:	L3202-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	1.7	
75-35-4	1,1-Dichloroethene	16	
75-09-2	Methylene chloride	1.0	B
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	1.2	
156-59-4	cis-1,2-Dichloroethene	7.8	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	2.3	
71-55-6	1,1,1-Trichloroethane	6.6	
56-23-5	Carbon tetrachloride	1.4	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	1.1	
79-01-6	Trichloroethene	100	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	110	D
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

Dilution factor = 5, analyzed on 03/19/96
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/14/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/18/96
	Irwindale, CA	Time Analyzed:	21:48
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51103-031496	Lab Sample ID:	L3202-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
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EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/14/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/18/96
	Irwindale, CA	Time Analyzed:	22:29
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51103K-031496	Lab Sample ID:	L3202-11

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	2.0	
75-35-4	1,1-Dichloroethene	18	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	1.2	
156-59-4	cis-1,2-Dichloroethene	8.6	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	2.6	
71-55-6	1,1,1-Trichloroethane	7.7	
56-23-5	Carbon tetrachloride	1.6	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	1.2	
79-01-6	Trichloroethene	100	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	110	D
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

Dilution factor = 5, analyzed on 03/19/96
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/14/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13 Irwindale, CA	Date Analyzed:	03/18/96
		Time Analyzed:	22:29
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51103K-031496	Lab Sample ID:	L3202-11

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/14/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/19/96
	Irwindale, CA	Time Analyzed:	18:59
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51103N-031496	Lab Sample ID:	L3202-13

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/14/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/19/96
	Irwindale, CA	Time Analyzed:	18:59
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51103N-031496	Lab Sample ID:	L3202-13

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.17	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/14/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/16/96
	Irwindale, CA	Time Analyzed:	00:17
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51301-031496	Lab Sample ID:	L3202-16

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.30	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	3.0	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	2.0	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	1.3	
79-01-6	Trichloroethene	54	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	29	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

Dilution factor = 5, analyzed on 03/18/96
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/14/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/16/96
	Irwindale, CA	Time Analyzed:	00:17
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51301-031496	Lab Sample ID:	L3202-16

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.14	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.30	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/14/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13 Irwindale, CA	Date Analyzed:	03/16/96
		Time Analyzed:	00:58
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51302-031496	Lab Sample ID:	L3202-19

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	2.6	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	110	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	120	D
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

Dilution factor = 5, analyzed on 03/18/96.
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/14/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/16/96
	Irwindale, CA	Time Analyzed:	00:58
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51302-031496	Lab Sample ID:	L3202-19

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client.	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/14/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/16/96
	Irwindale, CA	Time Analyzed:	01:39
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51303-031496	Lab Sample ID:	L3202-22

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	2.2	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	21	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	9.7	
71-55-6	1,1,1-Trichloroethane	0.63	
56-23-5	Carbon tetrachloride	4.6	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	8.7	
79-01-6	Trichloroethene	570	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	230	D
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

Dilution factor = 5, analyzed on 03/18/96
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/14/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/16/96
	Irwindale, CA	Time Analyzed:	01:39
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51303-031496	Lab Sample ID:	L3202-22

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-11 & MW5-13 Irwindale, CA	Date Analyzed:	03/15/96
		Time Analyzed:	17:28
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/15 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/15/96
	Irwindale, CA	Time Analyzed:	17:28
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/15 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-11 & MW5-13 Irwindale, CA	Date Analyzed:	03/18/96
		Time Analyzed:	17:41
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/18 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	1.3	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/18/96
	Irwindale, CA	Time Analyzed:	17:41
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/18 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/19/96
	Irwindale, CA	Time Analyzed:	01:55
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/18 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/19/96
	Irwindale, CA	Time Analyzed:	01:55
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/18 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-11 & MW5-13 Irwindale, CA	Date Analyzed:	03/20/96
		Time Analyzed:	01:13
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/19 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.63	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-11 & MW5-13	Date Analyzed:	03/20/96
	Irwindale, CA	Time Analyzed:	01:13
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/19 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.42	

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/15/96-03/18/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-11 & MW5-13 Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	94	86	108
CCV	93	92	98
Method Blank	99	95	111
L3202-2	95	101	107
L3202-5	95	102	106
L3202-16	97	103	109
L3202-19	99	102	110
L3202-22	94	96	106
LCS	104	94	109
MS	97	93	108
MSD	95	91	105
CCV (3/18/96)	94	88	111
CCV (3/18/96)	98	101	110
Method Blank	93	88	110
L3202-16 DIL	93	86	103
L3202-19 DIL	89	88	101
L3202-22 DIL	94	96	107
L3202-8	94	98	108
L3202-11	97	96	107
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/19/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-11 & MW5-13 Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	90	80	103
CCV	96	102	106
Method Blank	92	91	101
L3202-13	93	88	107
L3202-8 DIL	84	88	96
L3202-11 DIL	89	94	104
LCS	99	100	109
MS	91	90	107
MSD	91	98	105
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/20/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-11 & MW5-13 Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	93	82	111
CCV	102	105	109
Method Blank	93	97	101
L3202-5 DIL	87	79	104
LCS	98	102	106
MS	92	87	108
MSD	96	95	107
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/16/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-11 & MW5-13 Irwindale, CA		
Matrix:	Liquid	Lab Sample ID:	L3202-5

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	0.0	21.8	109		74-121
Toluene	20.0	0.0	21.1	106		72-121
Ethylbenzene	20.0	0.0	21.7	109		72-117
o-Xylene	20.0	0.0	21.7	109		66-124
1,1-Dichloroethane	20.0	0.0	21.9	110		73-121
1,1,1-Trichloroethane	20.0	0.0	20.5	103		72-126
cis-1,3-Dichloropropene	20.0	0.0	20.9	105		58-124
Chlorobenzene	20.0	0.0	20.2	101		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	21.5	108		1		0-10	74-121
Toluene	20.0	20.7	104		2		0-16	72-121
Ethylbenzene	20.0	21.3	107		2		0-14	72-117
o-Xylene	20.0	21.3	107		2		0-14	66-124
1,1-Dichloroethane	20.0	21.3	107		3		0-18	73-121
1,1,1-Trichloroethane	20.0	20.1	101		2		0-15	72-126
cis-1,3-Dichloropropene	20.0	20.3	102		3		0-22	58-124
Chlorobenzene	20.0	19.4	97		4		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/19/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-11 & MW5-13 Irwindale, CA		
Matrix:	Liquid	Lab Sample ID:	L3205-5

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC. #	QC LIMITS REC.
Benzene	20.0	0.0	21.5	108	74-121
Toluene	20.0	0.15	20.9	104	72-121
Ethylbenzene	20.0	0.0	21.4	107	72-117
o-Xylene	20.0	0.0	21.5	108	66-124
1,1-Dichloroethane	20.0	0.0	19.5	98	73-121
1,1,1-Trichloroethane	20.0	0.0	18.9	95	72-126
cis-1,3-Dichloropropene	20.0	0.0	19.3	97	58-124
Chlorobenzene	20.0	0.0	17.9	90	52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	22.3	112	4	0-10	74-121
Toluene	20.0	21.6	107	3	0-16	72-121
Ethylbenzene	20.0	22.0	110	3	0-14	72-117
o-Xylene	20.0	22.1	111	3	0-14	66-124
1,1-Dichloroethane	20.0	20.4	102	4	0-18	73-121
1,1,1-Trichloroethane	20.0	20.1	101	6	0-15	72-126
cis-1,3-Dichloropropene	20.0	20.5	103	6	0-22	58-124
Chlorobenzene	20.0	19.9	100	11	0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/20/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-11 & MW5-13 Irwindale, CA		
Matrix:	Liquid	Lab Sample ID:	L3196-6

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	0.0	22.1	111		74-121
Toluene	20.0	0.8	21.5	104		72-121
Ethylbenzene	20.0	0.4	22.0	108		72-117
o-Xylene	20.0	0.0	21.9	110		66-124
1,1-Dichloroethane	20.0	0.2	19.5	97		73-121
1,1,1-Trichloroethane	20.0	0.6	19.3	94		72-126
cis-1,3-Dichloropropene	20.0	0.3	19.6	97		58-124
Chlorobenzene	20.0	0.5	19.0	93		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	22.2	111		0		0-10	74-121
Toluene	20.0	21.6	104		0		0-16	72-121
Ethylbenzene	20.0	22.2	109		1		0-14	72-117
o-Xylene	20.0	22.2	111		1		0-14	66-124
1,1-Dichloroethane	20.0	22.0	109		12		0-18	73-121
1,1,1-Trichloroethane	20.0	20.8	101		7		0-15	72-126
cis-1,3-Dichloropropene	20.0	20.8	103		6		0-22	58-124
Chlorobenzene	20.0	20.7	101		8		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/15/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-11 & MW5-13 Irwindale, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	22.5	113	75-125
Toluene	20.0	21.8	109	75-125
Ethylbenzene	20.0	22.5	113	75-125
o-Xylene	20.0	22.6	113	75-125
1,1-Dichloroethane	20.0	22.3	112	75-125
1,1,1-Trichloroethane	20.0	20.9	105	75-125
cis-1,3-Dichloropropene	20.0	21.2	106	75-125
Chlorobenzene	20.0	21.2	106	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/19/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-11 & MW5-13 Irwindale, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	21.7	109	75-125
Toluene	20.0	21.0	105	75-125
Ethylbenzene	20.0	21.6	108	75-125
o-Xylene	20.0	21.8	109	75-125
1,1-Dichloroethane	20.0	21.0	105	75-125
1,1,1-Trichloroethane	20.0	20.3	102	75-125
cis-1,3-Dichloropropene	20.0	20.6	103	75-125
Chlorobenzene	20.0	20.7	104	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/20/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-11 & MW5-13 Irwindale, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC.	#	QC LIMITS REC.
Benzene	20.0	22.3	112		75-125
Toluene	20.0	21.6	108		75-125
Ethylbenzene	20.0	22.2	111		75-125
o-Xylene	20.0	22.3	112		75-125
1,1-Dichloroethane	20.0	22.2	111		75-125
1,1,1-Trichloroethane	20.0	21.3	107		75-125
cis-1,3-Dichloropropene	20.0	22.0	110		75-125
Chlorobenzene	20.0	21.8	109		75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3202
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/15/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4212	4
Chloromethane	9103	10	8366	8
Vinyl chloride	7475	9	7719	3
Bromomethane	4053	10	4313	6
Chloroethane	8231	9	8560	4
Trichlorofluoromethane	11964	9	12297	3
1,1-Dichloroethene	11045	9	11349	3
Methylene chloride	14825	12	14381	3
trans-1,2-Dichloroethene	11709	10	12055	3
1,1-Dichloroethane	11841	10	12349	4
cis-1,2-Dichloroethene	12091	9	12435	2
2,2-Dichloropropane	10669	12	10976	3
Bromochloromethane	8662	11	8994	4
Chloroform	15533	10	15938	3
1,1,1-Trichloroethane	14156	10	14454	2
Carbon tetrachloride	16313	9	16881	3
1,1-Dichloropropene	5579	14	6192	11
1,2-Dichloroethane	11607	9	11660	0
Trichloroethene	14474	8	14382	1
1,2-Dichloropropane	11206	8	11252	0
Dibromomethane	5500	11	5568	1
Bromodichloromethane	11224	9	11022	2
2-Chloroethyl vinyl ether	5579	14	6192	11
cis-1,3-Dichloropropene	9669	9	9726	1
trans-1,3-Dichloropropene	8941	8	8970	0
1,1,2-Trichloroethane	11768	6	11349	4
Tetrachloroethene	13939	9	13596	2
1,3-Dichloropropane	9412	8	9268	2
Dibromochloromethane	7533	13	7772	3
1,2-Dibromoethane	5371	8	5283	2
Chlorobenzene	5594	8	5516	1
1,1,1,2-Tetrachloroethane	13135	8	13215	1
Bromoform	5407	14	5330	1
1,1,2,2-Tetrachloroethane	9429	10	8560	9
1,2,3-Trichloropropane	7711	10	6709	13
2-Chlorotoluene	4767	8	4717	1
4-Chlorotoluene	4825	7	4680	3
1,3-Dichlorobenzene	7645	8	7583	1
1,4-Dichlorobenzene	8104	8	7816	4
1,2-Dichlorobenzene	7800	7	7604	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3202
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/15/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2240	10
1,2,4-Trichlorobenzene	8865	8	8711	2
Hexachlorobutadiene	12492	9	12579	1
1,2,3-Trichlorobenzene	8957	8	8581	4
Benzene	3199	5	3556	11
Toluene	3013	5	3275	9
Ethylbenzene	2654	5	2951	11
p,m-Xylenes	3095	3	3432	11
o-Xylene	2666	4	2965	11
Styrene	3501	3	3782	8
Isopropylbenzene	1967	7	2225	13
Bromobenzene	3251	3	3522	8
Propylbenzene	2841	13	3130	10
1,3,5-Trimethylbenzene	3661	3	4031	10
tert-Butylbenzene	2109	5	2321	10
1,2,4-Trimethylbenzene	2784	3	3064	10
sec-Butylbenzene	2178	3	2424	11
4-Isopropyltoluene	2137	4	2292	7
n-Butylbenzene	2350	2	2560	9
Naphthalene	2501	14	2557	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3202
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/16/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4098	6
Chloromethane	9103	10	7778	15
Vinyl chloride	7475	9	7351	2
Bromomethane	4053	10	4382	8
Chloroethane	8231	9	8422	2
Trichlorofluoromethane	11964	9	12197	2
1,1-Dichloroethene	11045	9	11090	0
Methylene chloride	14825	12	14913	1
trans-1,2-Dichloroethene	11709	10	12099	3
1,1-Dichloroethane	11841	10	12474	5
cis-1,2-Dichloroethene	12091	9	12361	2
2,2-Dichloropropane	10669	12	10289	4
Bromochloromethane	8662	11	9176	6
Chloroform	15533	10	15924	3
1,1,1-Trichloroethane	14156	10	14422	2
Carbon tetrachloride	16313	9	16621	2
1,1-Dichloropropene	5579	14	5998	8
1,2-Dichloroethane	11607	9	11988	3
Trichloroethene	14474	8	14412	0
1,2-Dichloropropane	11206	8	11341	1
Dibromomethane	5500	11	5997	9
Bromodichloromethane	11224	9	11779	5
2-Chloroethyl vinyl ether	5579	14	5998	8
cis-1,3-Dichloropropene	9669	9	10027	4
trans-1,3-Dichloropropene	8941	8	9297	4
1,1,2-Trichloroethane	11768	6	12160	3
Tetrachloroethene	13939	9	13645	2
1,3-Dichloropropane	9412	8	9679	3
Dibromochloromethane	7533	13	8177	9
1,2-Dibromoethane	5371	8	5505	3
Chlorobenzene	5594	8	5704	2
1,1,1,2-Tetrachloroethane	13135	8	13644	4
Bromoform	5407	14	5738	6
1,1,2,2-Tetrachloroethane	9429	10	8979	5
1,2,3-Trichloropropane	7711	10	7401	4
2-Chlorotoluene	4767	8	4896	3
4-Chlorotoluene	4825	7	4920	2
1,3-Dichlorobenzene	7645	8	7677	0
1,4-Dichlorobenzene	8104	8	8012	1
1,2-Dichlorobenzene	7800	7	7870	1

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3202
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/16/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2523	1
1,2,4-Trichlorobenzene	8865	8	8749	1
Hexachlorobutadiene	12492	9	12375	1
1,2,3-Trichlorobenzene	8957	8	8742	2
Benzene	3199	5	3363	5
Toluene	3013	5	3087	2
Ethylbenzene	2654	5	2801	6
p,m-Xylenes	3095	3	3259	5
o-Xylene	2666	4	2834	6
Styrene	3501	3	3634	4
Isopropylbenzene	1967	7	2120	8
Bromobenzene	3251	3	3395	4
Propylbenzene	2841	13	2918	3
1,3,5-Trimethylbenzene	3661	3	3831	5
tert-Butylbenzene	2109	5	2188	4
1,2,4-Trimethylbenzene	2784	3	2914	5
sec-Butylbenzene	2178	3	2291	5
4-Isopropyltoluene	2137	4	2182	2
n-Butylbenzene	2350	2	2405	2
Naphthalene	2501	14	2659	6

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3202
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/18/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4065	7
Chloromethane	9103	10	8520	6
Vinyl chloride	7475	9	7628	2
Bromomethane	4053	10	4096	1
Chloroethane	8231	9	8417	2
Trichlorofluoromethane	11964	9	12148	2
1,1-Dichloroethene	11045	9	11261	2
Methylene chloride	14825	12	14019	5
trans-1,2-Dichloroethene	11709	10	11661	0
1,1-Dichloroethane	11841	10	11991	1
cis-1,2-Dichloroethene	12091	9	11995	1
2,2-Dichloropropane	10669	12	10817	1
Bromochloromethane	8662	11	8484	2
Chloroform	15533	10	15384	1
1,1,1-Trichloroethane	14156	10	13792	3
Carbon tetrachloride	16313	9	16098	1
1,1-Dichloropropene	5579	14	5838	5
1,2-Dichloroethane	11607	9	11261	3
Trichloroethene	14474	8	13794	5
1,2-Dichloropropane	11206	8	10761	4
Dibromomethane	5500	11	5303	4
Bromodichloromethane	11224	9	10944	2
2-Chloroethyl vinyl ether	5579	14	5838	5
cis-1,3-Dichloropropene	9669	9	9605	1
trans-1,3-Dichloropropene	8941	8	8922	0
1,1,2-Trichloroethane	11768	6	11399	3
Tetrachloroethene	13939	9	13206	5
1,3-Dichloropropane	9412	8	9111	3
Dibromochloromethane	7533	13	7491	1
1,2-Dibromoethane	5371	8	4872	9
Chlorobenzene	5594	8	5318	5
1,1,1,2-Tetrachloroethane	13135	8	12761	3
Bromoform	5407	14	5156	5
1,1,2,2-Tetrachloroethane	9429	10	8535	9
1,2,3-Trichloropropane	7711	10	6720	13
2-Chlorotoluene	4767	8	4716	1
4-Chlorotoluene	4825	7	4759	1
1,3-Dichlorobenzene	7645	8	7582	1
1,4-Dichlorobenzene	8104	8	7911	2
1,2-Dichlorobenzene	7800	7	7623	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3202
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/18/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2206	11
1,2,4-Trichlorobenzene	8865	8	8714	2
Hexachlorobutadiene	12492	9	12098	3
1,2,3-Trichlorobenzene	8957	8	8527	5
Benzene	3199	5	3561	11
Toluene	3013	5	3285	9
Ethylbenzene	2654	5	2970	12
p,m-Xylenes	3095	3	3453	12
o-Xylene	2666	4	2988	12
Styrene	3501	3	3839	10
Isopropylbenzene	1967	7	2240	14
Bromobenzene	3251	3	3582	10
Propylbenzene	2841	13	2960	4
1,3,5-Trimethylbenzene	3661	3	4072	11
tert-Butylbenzene	2109	5	2304	9
1,2,4-Trimethylbenzene	2784	3	3108	12
sec-Butylbenzene	2178	3	2441	12
4-Isopropyltoluene	2137	4	2334	9
n-Butylbenzene	2350	2	2605	11
Naphthalene	2501	14	2727	9

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3202
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/19/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	3943	10
Chloromethane	9103	10	7893	13
Vinyl chloride	7475	9	7441	0
Bromomethane	4053	10	4132	2
Chloroethane	8231	9	7987	3
Trichlorofluoromethane	11964	9	11661	3
1,1-Dichloroethene	11045	9	10847	2
Methylene chloride	14825	12	13666	8
trans-1,2-Dichloroethene	11709	10	11352	3
1,1-Dichloroethane	11841	10	11544	3
cis-1,2-Dichloroethene	12091	9	11520	5
2,2-Dichloropropane	10669	12	10323	3
Bromochloromethane	8662	11	8095	7
Chloroform	15533	10	14689	5
1,1,1-Trichloroethane	14156	10	13461	5
Carbon tetrachloride	16313	9	15576	5
1,1-Dichloropropene	5579	14	5545	1
1,2-Dichloroethane	11607	9	10540	9
Trichloroethene	14474	8	13157	9
1,2-Dichloropropane	11206	8	10150	9
Dibromomethane	5500	11	5047	8
Bromodichloromethane	11224	9	10311	8
2-Chloroethyl vinyl ether	5579	14	5545	1
cis-1,3-Dichloropropene	9669	9	9078	6
trans-1,3-Dichloropropene	8941	8	8251	8
1,1,2-Trichloroethane	11768	6	10391	12
Tetrachloroethene	13939	9	12585	10
1,3-Dichloropropane	9412	8	8388	11
Dibromochloromethane	7533	13	7013	7
1,2-Dibromoethane	5371	8	4493	16*
Chlorobenzene	5594	8	5135	8
1,1,1,2-Tetrachloroethane	13135	8	12318	6
Bromoform	5407	14	4893	10
1,1,2,2-Tetrachloroethane	9429	10	7857	17*
1,2,3-Trichloropropane	7711	10	6232	19*
2-Chlorotoluene	4767	8	4645	3
4-Chlorotoluene	4825	7	4639	4
1,3-Dichlorobenzene	7645	8	7378	3
1,4-Dichlorobenzene	8104	8	7613	6
1,2-Dichlorobenzene	7800	7	7317	6

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3202
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/19/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2164	13
1,2,4-Trichlorobenzene	8865	8	8229	7
Hexachlorobutadiene	12492	9	12224	2
1,2,3-Trichlorobenzene	8957	8	8042	10
Benzene	3199	5	3399	6
Toluene	3013	5	3127	4
Ethylbenzene	2654	5	2827	7
p,m-Xylenes	3095	3	3273	6
o-Xylene	2666	4	2821	6
Styrene	3501	3	3590	3
Isopropylbenzene	1967	7	2128	8
Bromobenzene	3251	3	3308	2
Propylbenzene	2841	13	2865	1
1,3,5-Trimethylbenzene	3661	3	3830	5
tert-Butylbenzene	2109	5	2177	3
1,2,4-Trimethylbenzene	2784	3	2878	3
sec-Butylbenzene	2178	3	2304	6
4-Isopropyltoluene	2137	4	2182	2
n-Butylbenzene	2350	2	2393	2
Naphthalene	2501	14	2235	11

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3202
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/20/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4012	8
Chloromethane	9103	10	7983	12
Vinyl chloride	7475	9	7876	5
Bromomethane	4053	10	4564	13
Chloroethane	8231	9	8645	5
Trichlorofluoromethane	11964	9	12282	3
1,1-Dichloroethene	11045	9	11033	0
Methylene chloride	14825	12	13608	8
trans-1,2-Dichloroethene	11709	10	11514	2
1,1-Dichloroethane	11841	10	11856	0
cis-1,2-Dichloroethene	12091	9	11853	2
2,2-Dichloropropane	10669	12	10412	2
Bromochloromethane	8662	11	8406	3
Chloroform	15533	10	15019	3
1,1,1-Trichloroethane	14156	10	13461	5
Carbon tetrachloride	16313	9	15966	2
1,1-Dichloropropene	5579	14	5753	3
1,2-Dichloroethane	11607	9	11023	5
Trichloroethene	14474	8	13559	6
1,2-Dichloropropane	11206	8	10611	5
Dibromomethane	5500	11	5437	1
Bromodichloromethane	11224	9	10754	4
2-Chloroethyl vinyl ether	5579	14	5753	3
cis-1,3-Dichloropropene	9669	9	9533	1
trans-1,3-Dichloropropene	8941	8	8839	1
1,1,2-Trichloroethane	11768	6	11316	4
Tetrachloroethene	13939	9	12994	7
1,3-Dichloropropane	9412	8	9041	4
Dibromochloromethane	7533	13	7520	0
1,2-Dibromoethane	5371	8	4973	7
Chlorobenzene	5594	8	5184	7
1,1,1,2-Tetrachloroethane	13135	8	12798	3
Bromoform	5407	14	5246	3
1,1,2,2-Tetrachloroethane	9429	10	8808	7
1,2,3-Trichloropropane	7711	10	6843	11
2-Chlorotoluene	4767	8	4624	3
4-Chlorotoluene	4825	7	4598	5
1,3-Dichlorobenzene	7645	8	7448	3
1,4-Dichlorobenzene	8104	8	7746	4
1,2-Dichlorobenzene	7800	7	7432	5

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3202
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/20/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2306	7
1,2,4-Trichlorobenzene	8865	8	8509	4
Hexachlorobutadiene	12492	9	12017	4
1,2,3-Trichlorobenzene	8957	8	8385	6
Benzene	3199	5	3740	17*
Toluene	3013	5	3440	14
Ethylbenzene	2654	5	3081	16*
p,m-Xylenes	3095	3	3588	16*
o-Xylene	2666	4	3102	16*
Styrene	3501	3	3980	14
Isopropylbenzene	1967	7	2355	20*
Bromobenzene	3251	3	3696	14
Propylbenzene	2841	13	3504	23*
1,3,5-Trimethylbenzene	3661	3	4213	15
tert-Butylbenzene	2109	5	2396	14
1,2,4-Trimethylbenzene	2784	3	3217	16*
sec-Butylbenzene	2178	3	2515	15
4-Isopropyltoluene	2137	4	2431	14
n-Butylbenzene	2350	2	2672	14
Naphthalene	2501	14	2755	10

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

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METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/14/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13 Irwindale, CA	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW51101-031496	Lab Sample ID:	L3202-3

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0511	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00930	
Iron	Iron	6010	0.0447	
Lead	Lead	7421	0.000870	
Manganese	Manganese	6010	0.00737	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	36.1	
Magnesium	Magnesium	6010	12.6	
Potassium	Potassium	6010	4.37	
Sodium	Sodium	6010	15.2	

Comments:

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METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/14/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13 Irwindale, CA	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW51102-031496	Lab Sample ID:	L3202-6

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00370	
Barium	Barium	6010	0.0240	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00615	
Iron	Iron	6010	0.0513	
Lead	Lead	7421	0.000870	
Manganese	Manganese	6010	0.00213	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	10.4	
Magnesium	Magnesium	6010	9.75	
Potassium	Potassium	6010	5.50	
Sodium	Sodium	6010	58.8	

Comments:

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METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/14/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13 Irwindale, CA	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW51103-031496	Lab Sample ID:	L3202-9

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.161	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00551	
Copper	Copper	6010	0.00694	
Iron	Iron	6010	0.0225	U
Lead	Lead	7421	0.00108	
Manganese	Manganese	6010	0.00270	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00590	
Zinc	Zinc	6010	0.0312	
Calcium	Calcium	6010	75.0	
Magnesium	Magnesium	6010	16.3	
Potassium	Potassium	6010	4.06	
Sodium	Sodium	6010	19.6	

Comments:

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METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/14/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13 Irwindale, CA	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW51103K-031496	Lab Sample ID:	L3202-12

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.165	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00526	
Copper	Copper	6010	0.00356	
Iron	Iron	6010	0.0299	
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.00303	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00644	
Zinc	Zinc	6010	0.0178	
Calcium	Calcium	6010	76.8	
Magnesium	Magnesium	6010	16.6	
Potassium	Potassium	6010	4.08	
Sodium	Sodium	6010	19.8	

Comments:

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METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/14/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13 Irwindale, CA	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW51103N-031496	Lab Sample ID:	L3202-14

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.00198	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00495	
Iron	Iron	6010	0.0330	
Lead	Lead	7421	0.00384	
Manganese	Manganese	6010	0.00225	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	0.564	
Magnesium	Magnesium	6010	0.183	
Potassium	Potassium	6010	0.358	U
Sodium	Sodium	6010	0.547	

Comments:

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METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/14/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13 Irwindale, CA	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW51301-031496	Lab Sample ID:	L3202-17

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0347	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00278	
Iron	Iron	6010	0.0399	
Lead	Lead	7421	0.00163	
Manganese	Manganese	6010	0.00499	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	17.5	
Magnesium	Magnesium	6010	9.46	
Potassium	Potassium	6010	4.66	
Sodium	Sodium	6010	45.1	

Comments:

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METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/14/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13 Irwindale, CA	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW51302-031496	Lab Sample ID:	L3202-20

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0608	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00553	
Iron	Iron	6010	0.0746	
Lead	Lead	7421	0.000660	
Manganese	Manganese	6010	0.0145	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00486	
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	53.9	
Magnesium	Magnesium	6010	12.5	
Potassium	Potassium	6010	4.40	
Sodium	Sodium	6010	27.8	

Comments:

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METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/14/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/14/96
Project Address:	MW5-11 & MW5-13 Irwindale, CA	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW51303-031496	Lab Sample ID:	L3202-23

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.126	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.0119	
Copper	Copper	6010	0.00275	
Iron	Iron	6010	0.0258	
Lead	Lead	7421	0.000750	
Manganese	Manganese	6010	0.00672	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0176	
Calcium	Calcium	6010	60.9	
Magnesium	Magnesium	6010	13.0	
Potassium	Potassium	6010	3.40	
Sodium	Sodium	6010	18.3	

Comments:

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METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-11 & MW5-13
Irwindale, CA

Report Date: 04/03/96
Lab P.N.: L3202
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum	2.50	2.50	100	1.00	1.05	105	1.05	105	6010
Arsenic	0.0250	0.0270	108	0.0250	0.0246	98	0.0257	103	7060
Barium	2.50	2.54	102	1.00	1.02	102	1.03	103	6010
Cadmium	1.25	1.27	102	2.50	2.52	101	2.60	104	6010
Chromium	2.50	2.54	102	2.50	2.54	101	2.50	100	6010
Copper	2.50	2.48	99	2.50	2.52	100	2.46	98	6010
Iron	2.50	2.53	101	2.50	2.53	102	2.46	99	6010
Lead	0.0250	0.0255	102	0.0250	0.0252	101	0.0256	102	7421
Manganese	2.50	2.57	102	2.50	2.57	103	2.51	101	6010
Nickel	2.50	2.60	104	2.50	2.67	106	2.75	110	6010
Zinc	2.50	2.54	101	2.50	2.53	101	2.58	103	6010
Mercury	0.00500	0.00475	95	0.00300	0.00285	95	0.00295	98	7470
Calcium	25.0	25.0	100	2.50	2.55	102	2.56	103	6010
Magnesium	25.0	25.9	103	2.50	2.51	101	2.46	99	6010
Potassium	25.0	25.1	100	10.0	9.98	100	10.1	101	6010
Sodium	25.0	25.1	102	1.00	1.03	103	1.03	103	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

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METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-11 & MW5-13
Irwindale, CA

Report Date: 04/03/96
Lab P.N.: L3202
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				1.00	1.00	100	0.99	99	6010
Arsenic				0.0250	0.0254	102	0.0246	98	7060
Barium				1.00	1.00	100	1.00	100	6010
Cadmium				2.50	2.64	106	2.68	108	6010
Chromium				2.50	2.46	98	2.46	98	6010
Copper				2.50	2.40	96	2.38	94	6010
Iron				2.50	2.34	94	2.36	95	6010
Lead				0.0250	0.0255	102	0.0258	103	7421
Manganese				2.50	2.45	98	2.46	99	6010
Nickel				2.50	2.72	108	2.68	107	6010
Zinc				2.50	2.58	103	2.58	103	6010
Mercury				0.00300	0.00303	101	0.00288	96	7470
Calcium				2.50	2.53	101	2.53	101	6010
Magnesium				2.50	2.39	96	2.38	96	6010
Potassium				10.0	9.74	99	9.33	93	6010
Sodium				1.00	1.02	102	0.99	99	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

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METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-11 & MW5-13 Irwindale, CA		
Concentration:	mg/l		

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				1.00	1.00	100	0.99	99	6010
Arsenic									
Barium				1.00	1.02	102	1.01	101	6010
Cadmium				2.50	2.69	108	2.71	109	6010
Chromium				2.50	2.52	101	2.56	102	6010
Copper				2.50	2.41	96	2.43	96	6010
Iron				2.50	2.44	98	2.49	100	6010
Lead									
Manganese				2.50	2.55	102	2.60	104	6010
Nickel				2.50	2.72	109	2.71	108	6010
Zinc				2.50	2.60	104	2.63	105	6010
Mercury									
Calcium				2.50	2.59	104	2.63	105	6010
Magnesium				2.50	2.44	98	2.46	99	6010
Potassium				10.0	10.1	101	10.2	102	6010
Sodium				1.00	1.00	100	0.96	96	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

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METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-11 & MW5-13 Irwindale, CA		
Concentration:	mg/l		

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum									
Arsenic									
Barium									
Cadmium									
Chromium									
Copper									
Iron									
Lead									
Manganese									
Nickel									
Zinc									
Mercury									
Calcium									
Magnesium									
Potassium				10.0	9.9	99			6010
Sodium									

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

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Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-11 & MW5-13 Irwindale, CA		

Matrix: Liquid
Date Analyzed: 03/20/96-03/22/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum	0.0437	U	0.0437	U	0.0437	U	0.0437	U	0.0437	U	6010
Arsenic	0.00299	U	0.00299	U	0.00299	U	0.00299	U	0.00299	U	7060
Barium	0.00134		0.00134	U	0.00134	U	0.00134	U	0.00241		6010
Cadmium	0.00170	U	0.00170	U	0.00170	U	0.00170	U	0.00170	U	6010
Chromium	0.00180	U	0.00180	U	0.00180	U	0.00180	U	0.00180	U	6010
Copper	0.00270	U	0.00270	U	0.00270	U	0.00270	U	0.00637		6010
Iron	0.0225	U	0.0225	U	0.0225	U	0.0225	U	0.0225	U	6010
Lead	0.000636	U	0.000636	U	0.000636	U	0.000636	U	0.00077		7421
Manganese	0.00200	U	0.0020	U	0.00200	U	0.00200	U	0.00200	U	6010
Mercury	0.000173	U	0.000173	U	0.000173	U	0.000173	U	0.000173	U	7470
Nickel	0.00470	U	0.00470	U	0.00470	U	0.00470	U	0.00470	U	6010
Zinc	0.0175	U	0.0175	U	0.0175	U	0.0175	U	0.0175	U	6010
Calcium	0.102	U	0.102	U	0.102	U	0.102	U	0.301		6010
Magnesium	0.0379	U	0.0379	U	0.0379	U	0.0379	U	0.120		6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium	0.108	U	0.108	U	0.108	U	0.108	U	0.232		6010

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METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-11 & MW5-13 Irwindale, CA		
Matrix:	Liquid		
Date Analyzed:	03/20/96-03/22/96		
Concentration:	mg/l		

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum			0.0437	U	0.0437	U	0.0437	U			6010
Arsenic			0.00299	U	0.00299	U	0.00299	U			7060
Barium			0.00134	U	0.00134	U	0.00134	U			6010
Cadmium			0.00170	U	0.00170	U	0.00170	U			6010
Chromium			0.00180	U	0.00180	U	0.00180	U			6010
Copper			0.00270	U	0.00270	U	0.00270	U			6010
Iron			0.0225	U	0.0225	U	0.0225	U			6010
Lead			0.000636	U	0.000636	U	0.000636	U			7421
Manganese			0.00200	U	0.00200	U	0.00200	U			6010
Mercury			0.000173	U	0.000173	U	0.000173	U			7470
Nickel			0.00489		0.00470	U	0.00470	U			6010
Zinc			0.0175	U	0.0175	U	0.0175	U			6010
Calcium			0.102	U	0.102	U	0.102	U			6010
Magnesium			0.0379	U	0.0379	U	0.0379	U			6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium			0.108	U	0.108	U	0.108	U			6010

TMA
Thermo Analytical

ICP INTERFERENCE CHECK SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-11 & MW5-13
Irwindale, CA
Concentration Unit: mg/l

Report Date: 04/03/96
Lab P.N.: L3202
Client P.N.: 2581-112-T4-SAMP

Analyte	Initial True Sol. AB	Initial Found Sol. AB	Initial %R	Final True Sol. AB	Final Found Sol. AB	Final %R
Aluminum	500	486	97	500	480	96
Barium	0.500	0.470	94	0.500	0.471	94
Cadmium	1.00	1.00	100	1.00	1.04	104
Chromium	0.500	0.487	98	0.500	0.476	95
Copper	0.500	0.470	94	0.500	0.455	91
Iron	200	172	86	200	165	82
Manganese	0.500	0.429	86	0.500	0.413	83
Nickel	1.00	0.943	94	1.00	0.973	98
Zinc	1.00	1.01	101	1.00	1.03	103
Calcium	500	470	94	500	475	95
Magnesium	500	486	97	500	478	96

%R control limits = 80 - 120 %.

TMA
Thermo Analytical

METALS SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-11 & MW5-13
Irwindale, CA

Report Date: 04/03/96
Lab P.N.: L3202
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3212-12
Client Sample ID: BP-GW-MW50304-031896
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/20/96	2.000	0.000	1.85	93	6010
Arsenic	03/20/96	0.0400	0.000	0.0426	106	7060
Barium	03/20/96	2.00	0.0337	1.92	94	6010
Cadmium	03/20/96	2.00	0.000	1.88	94	6010
Chromium	03/20/96	2.00	0.000	1.82	91	6010
Copper	03/20/96	2.00	0.00413	1.81	90	6010
Iron	03/20/96	2.00	0.0244	1.79	88	6010
Lead	03/20/96	0.0120	0.000660	0.0122	96	7421
Manganese	03/20/96	2.00	0.0764	1.92	92	6010
Nickel	03/20/96	2.00	0.00294	1.90	95	6010
Zinc	03/20/96	2.00	0.000	1.86	93	6010
Mercury	03/20/96	0.00200	0.000	0.0019	95	7470
Calcium	03/20/96	2.00	19.6	22.2	132*	6010
Magnesium	03/20/96	2.00	5.53	7.57	102	6010
Potassium	03/22/96	20.0	5.92	26.1	101	6010
Sodium	03/20/96	2.00	142	150	354*	6010

Column used to flag recovery values with an asterisk
*Value outside of control limits
Spike Recovery: 2 out of 16 outside limits.

Conc Spk = Concentration of Spike in Sample
%MS = Percent Recovery of MS
Control limits for Spike Samples are 75-125%.

TMA
Thermo Analytical

METALS POST SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-11 & MW5-13
Irwindale, CA

Report Date: 04/03/96
Lab P.N.: L3202
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3212-12
Client Sample ID: BP-GW-MW50304-031896
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/20/96	5.00	0.000	4.82	96	6010
Arsenic	03/20/96	0.100	0.000	0.1121	112	7060
Barium	03/20/96	5.00	0.0337	4.88	97	6010
Cadmium	03/20/96	5.00	0.000	5.34	107	6010
Chromium	03/20/96	5.00	0.000	4.98	100	6010
Copper	03/20/96	5.00	0.00413	4.75	95	6010
Iron	03/20/96	5.00	0.0244	4.85	97	6010
Lead	03/20/96	0.100	0.000660	0.103	103	7421
Manganese	03/20/96	5.00	0.0764	5.12	101	6010
Nickel	03/20/96	5.00	0.00294	5.34	107	6010
Zinc	03/20/96	5.00	0.000	5.22	104	6010
Calcium	03/20/96	5.00	19.6	27.4	156*	6010
Magnesium	03/20/96	5.00	5.53	11.0	109	6010
Potassium	03/22/96	50.0	5.92	56.4	101	6010
Sodium	03/20/96	5.00	142	156	280*	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 2 out of 15 outside limits.

Conc Spk = Concentration of Spike in Sample.
%MS = Percent Recovery of MS.
Control limits for Post Digest Spike Samples are 75-125%.

TMA
Thermo Analytical

METALS DUPLICATES

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-11 & MW5-13
Irwindale, CA

Report Date: 04/03/96
Lab P.N.: L3202
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3212-12
Client Sample ID: BP-GW-MW50304-031896

Concentration Units: mg/l

Metal	Date Analyzed	Sample Result	Duplicate Result	RPD	Method
Barium	03/20/96	0.0337	0.0344	2	6010
Manganese	03/20/96	0.0764	0.0776	2	6010
Calcium	03/20/96	19.6	19.7	0	6010
Magnesium	03/20/96	5.53	5.63	2	6010
Potassium	03/22/96	5.92	6.78	14	6010
Sodium	03/20/96	142	145	2	6010

*Value outside control limits

Control limits equal 0-20% if sample and duplicate concentrations >/= 5x MDL.
If both sample and duplicate concentrations are < MDL, then no control limt exists.

0 out of 4 outside limits

Comments: _____

TMA
Thermo Analytical

METALS LABORATORY CONTROL SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-11 & MW5-13
Irwindale, CA

Report Date: 04/03/96
Lab P.N.: L3202
Client P.N.: 2581-112-T4-SAMP

LCS Source: CR1-CRA-3 (Inorganic Ventures Lot #J-MEB25058) & QC-7(SPEX Lot #8-92AS)
QC-19(SPEX Lot #8-67AS), HG stock Std. (SPEX Lot #7-147AS)

Concentration: mg/l

Metal	Date	LCS True Conc.	Result	%RC	Method
Aluminum	03/20/96	2.00	1.84	92	6010
Arsenic	03/20/96	0.0400	0.0408	102	7060
Barium	03/20/96	2.00	1.94	97	6010
Cadmium	03/20/96	2.00	1.86	93	6010
Chromium	03/20/96	2.00	1.79	90	6010
Copper	03/20/96	2.00	1.84	92	6010
Iron	03/20/96	2.00	1.74	87	6010
Lead	03/20/96	0.0120	0.0130	108	7421
Manganese	03/20/96	2.00	1.78	89	6010
Mercury	03/20/96	0.00200	0.00185	92	7470
Nickel	03/20/96	2.00	1.96	98	6010
Zinc	03/20/96	2.00	1.85	92	6010
Calcium	03/20/96	2.00	2.15	107	6010
Magnesium	03/20/96	2.00	1.89	94	6010
Potassium	03/22/96	20.0	18.6	93	6010
Sodium	03/20/96	2.00	2.20	110	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 0 out of 16 outside limits.

Control Limits for Laboratory Control Check Sample are 80-120%.

TMA
Thermo Analytical

ICP SERIAL DILUTIONS

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3202
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-11 & MW5-13 Irwindale, CA		

Matrix:	Liquid
Concentration Unit:	mg/l
Client Sample ID:	BP-GW-MW50304-031896
Lab Sample ID:	L3212-12

Metal	Initial Sample Result	Serial Dilution Result	% DIFF	Method
Calcium	19.6	21.8	11	6010
Magnesium	5.53	6.17	12	6010
Potassium	5.92	6.12	3	6010
Sodium	142	152	7	6010

%DIFF = % Difference
Series dilution (1:4 with blank water) must be performed for each batch of samples using one representative sample.
%DIFF = [(Sample Result - Series Dilution Result)/Sample Result] X 100

TMA
Thermo Analytical

TMA
Thermo Analytical

1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	4/3/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3202
		Client P.N.:	2581-112-T4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/14/96
Project Address:	MW5-11 and MW5-13 Irwindale, CA	Date Received:	3/14/96
		Date Analyzed:	3/14/96-3/21/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Alkalinity (EPA 310.1)	M	87	-	80-120	-	-
Chloride (EPA 300.0)	M	110	109	80-120	1	0-20
Nitrate-N (EPA 300.0)	M	102	102	80-120	0	0-20
Nitrite-N (EPA 300.0)	M	100	100	80-120	0	0-20
Sulfate (EPA 300.0)	M	103	103	80-120	0	0-20

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/3/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3202
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/14/96
Project Address:	MW5-11 and MW5-13	Date Analyzed:	3/19/96-3/21/96
	Irwindale, CA	Physical State:	Liquid

Client Sample ID	Alkalinity Bicarbonate EPA 310.1 mg/l	Alkalinity Carbonate EPA 310.1 mg/l	Total Dissolved Solids EPA 160.1 mg/l	Total Suspended Solids EPA 160.2 mg/l
BP-GW-MW51101-031496	120	ND	260	ND
BP-GW-MW51102-031496	100	39	280	ND
BP-GW-MW51103-031496	240	ND	410	ND
BP-GW-MW51103K-031496	240	ND	410	ND
BP-GW-MW51103N-031496	4.0	ND	16	ND
BP-GW-MW51301-031496	120	5.0	270	ND
BP-GW-MW51302-031496	170	ND	350	ND
BP-GW-MW51303-031496	200	ND	350	ND
Quantitation Limits mg/l	1.0	1.0	12	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
Thermo Analytical

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/3/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3202
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/14/96
Project Address:	MW5-11 and MW5-13	Date Analyzed:	3/14/96-3/19/96
	Irwindale, CA	Physical State:	Liquid

Client Sample ID	Sulfate EPA 300.0 mg/l	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l	Hardness EPA 130.2 mg/l
BP-GW-MW51101-031496	43	ND	1.8	160
BP-GW-MW51102-031496	32	ND	0.95	80
BP-GW-MW51103-031496	36	ND	5.2	290
BP-GW-MW51103K-031496	36	ND	5.1	300
BP-GW-MW51103N-031496	ND	ND	ND	12
BP-GW-MW51301-031496	41	ND	ND	100
BP-GW-MW51302-031496	41	ND	4.4	200
BP-GW-MW51303-031496	24	ND	8.3	170
Quantitation Limits mg/l	1.0	0.25	0.25	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
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LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/3/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3202
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/14/96
Project Address:	MW5-11 and MW5-13 Irwindale, CA	Date Analyzed:	3/14/96-3/19/96
		Physical State:	Liquid

Client Sample ID	Chloride EPA 300.0 mg/l	Quantitation Limits mg/l
BP-GW-MW51101-031496	13	0.25
BP-GW-MW51102-031496	19	1.3
BP-GW-MW51103-031496	21	1.3
BP-GW-MW51103K-031496	21	1.3
BP-GW-MW51103N-031496	ND	0.25
BP-GW-MW51301-031496	20	1.3
BP-GW-MW51302-031496	31	1.3
BP-GW-MW51303-031496	13	1.3

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
Thermo Analytical

REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 3/25/96

RECEIVED: 3/15/96

LABORATORY NO. 87022

SAMPLE: Water/7

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-MW51101-031496	94	+/- 16
BP-GW-MW51102-031496	65	+/- 13
BP-GW-MW51301-031496	69	+/- 14
BP-GW-MW51302-031496	127	+/- 16
BP-GW-MW51303-031496	177	+/- 15
BP-GW-MW51103-031496	284	+/- 20
BP-GW-MW51103K-031496	312	+/- 20

Date Analyzed: 3/15/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

CHAIN-OF-CUSTODY RECORD

Client: CDM
Date: 03-14-96
Project Name: BPOU Quarterly Sampling
Client Reference #: 2581-112-T4-SAMP
Project Address: MW5-11 and MW5-13
Irwindale, CA
Project Contact (please print): S. Rowe / B. Wells

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Page 1 of 2

Lab Use Only
Lab Job # L3202
C.O. #
C.O. #
C.O. #
C.O. #
Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon 222 - Draft 913	VOCs - 8021	*Metals (Al, As, Ba, Cd, Co, Cu, Fe, Pb, Mn, Ni, Zn, Hg) 6010/7000	*Cations (Ca, Mg, K, Na) 6010	TDS/TSS 160.1/160.2	Anions (Cl, SO4) (NO3, NO2) 300.0	Alkal. (CO3, HCO3) 2320	Hardness 130.2	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-MW51101-031496	Zone 1 (690-700)	03-14-96	840	L	X								2	2 40ml VOAs	L3202-1
↓		↓	840	L		X							2	40ml VOAs w/HCl	-2
↓		↓	840	L			X	X	X	X	X	X	1	1l poly	-3
BP-GW-MW51102-031496	Zone 2 (530-540)	↓	1000	L	X								2**	40ml VOAs	-4
↓		↓	1000	L		X							4**	40ml VOAs w/HCl	-5
↓		↓	1020	L			X	X	X	X	X	X	2**	1l poly	-6
BP-GW-MW51103-031496	Zone 3 (310-320)	↓	1105	L	X								2	40ml VOAs	-7
↓		↓	1105	L		X							2	40ml VOAs w/HCl	-8
↓		↓	1150	L			X	X	X	X	X	X	1	1l poly	-9
BP-GW-MW51103K-031496	MW5-11	↓	1115	L	X								2	40ml VOAs	-10
↓		↓	1115	L		X							2	40ml VOAs w/HCl	-11
↓		↓	1140	L			X	X	X	X	X	X	1	1l poly	-12
BP-GW-MW51103N-031496	MW5-11	↓	1200	L		X							2	40ml VOAs w/HCl	-13
↓		↓	1200	L			X	X	X	X	X	X	1	1l poly	-14

❶ Relinquished by (signature)* [signature]	❷ Received by (signature) M. Valenzuela	Date 3/14/96	26 Total Number of Containers
Company CDM	Company TMA	Time 6:15pm	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date	
Company	Laboratory Name	Time	

Special Instructions
* Filter at lab ASAP - 0.45 µM filter
CLP-like deliverables
** Extra volume for lab QC

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS
Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800.377.2322
Fax 714.757.7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602.437.9367 Fax 602.437.9362

CHAIN-OF-CUSTODY RECORD

Client CDM

Date 03-14-96

Page 2 of 2

Project Name BPOU Quarterly Sampling

Client Reference # 2581-112-74-SAMP

Lab Use Only
Lab Job # L3202
C.O. #
C.O. #
C.O. #
C.O. #
Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☐ no

Project Address MW5-11 & MW5-13

Irwindale

Project Contact (please print) S. Rowe / B. Wells

Turn Around Requested:
☐ Immediate Attention
☐ Rush 24-48 Hours
☐ Rush 48-96 Hours
☒ Normal
☐ Mobile Lab

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon 222 - Draft 913	VOCs - 8021	* Metals	* Cations	TDS/TSS	Anions	Alkal.	Hardness	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-MW51301-031496	Zone 1 (684-694)	03-14-96	1345	L	X								2	40ml VOAs	L3202-15
			1345	L		X							2	40ml VOAs w/HCl	-16
			1345	L			X	X	X	X	X	X	1	1l poly	-17
BP-GW-MW51302-031496	Zone 2 (520-530)		1455	L	X								2	40ml VOAs	-18
			1455	L		X							2	40ml VOAs w/HCl	-19
			1455	L			X	X	X	X	X	X	1	1l poly	-20
BP-GW-MW51303-031496	Zone 3 (340-350)		1540	L	X								2	40ml VOAs	-21
			1540	L		X							2	40ml VOAs w/HCl	-22
			1540	L			X	X	X	X	X	X	1	1l poly	-23

❶ Relinquished by (signature)* Sean Immehill	❷ Received by (signature) M. Valenzuela	Date 3/14/96	Total Number of Containers 15
Company CDM	Company TMA	Time 6:15 pm	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date	
Company	Laboratory Name	Time	

Special Instructions
* Lab filter ASAP -0.45 µm
CLP-like deliverables

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800.377.2322
Fax 714.757.7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602.437.9367 Fax 602.437.9362

REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 3/25/96

RECEIVED: 3/15/96

LABORATORY NO. 87021

SAMPLE: Water/1

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-W11AZ-WO1R-031496	276	+/- 15

Date Analyzed: 3/15/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke, Project Manager
Water and Waste Laboratory

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

CHAIN-OF-CUSTODY RECORD

Client: CDM

Date: 03-14-96

Page: 1 of 1

Project Name: BPOU Quarterly Sampling

Client Reference #: 2581-11274-SAMP

Project Address: ALRC

Azusa, CA

Project Contact (please print): S. Rowe / B Wells

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Lab Use Only
Lab Job # L3203
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon-Draft 913								Number of Containers	Container/Comments	Lab Sample Number
BP-GW-W11AZW01R-031496	ALRC MW1-R	03-14-96		L	X								1	125ml glass amber - no pres	L3203-1

❶ Relinquished by (signature)*: Dean Sandhill
Company: CDM
Date: 3/14/96
Time: 6:15pm

❷ Received by (signature): M. Valenzuela
Company: TMA

❸ Relinquished by (signature)*:
Company:
Date:

❹ Received by Laboratory (signature):
Laboratory Name:
Time:

Total Number of Containers

Special Instructions

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800.377.2322
Fax 714.757.7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602.437.9367 Fax 602.437.9362

LIQUID SCINTILLATION
OIL BASED SOLUTION

Sample Number: 87021
Date Received: 03-15-96
Date Analyzed: 03-15-96
Window: 450 - 800

T(0) = sample collection date/time in days
T(1) = start time on scintillation counter in days
elapsed time = scintillation counter sample time in minutes
decay time = in reference to midpoint of sample counting time in days
sample aliquot = in grams
count time = in minutes
bkg = background

sample	T(0)	T(1)	elapsed time	decay time	decay factor	sample aliquote	count time	sample cpm	bkg cpm	Rn-222 pCi/l	error
87021	74.7014	75.6576	400.15	1.1994	0.8045	11.1240	100	34.45	10.56	276	15
high	1.0000	1.0000	0.00	-0.0347	1.0063	10.0000	100	571.01	10.56	5759	49
low	1.0000	1.0000	0.00	-0.0347	1.0063	10.0000	100	65.29	10.56	562	18

CHAIN-OF-CUSTODY RECORD

Client THERMO ANALYTICAL

Date 3/15/96

Page 1 of 1

Project Name BPOU

Client Reference # L3203

Project Address

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☑ Normal
- ☐ Mobile Lab

Project Contact (please print) DON BURLEY

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Lab Use Only
Lab Job # ____
C.O. # ____
C.O. # ____
C.O. # ____
C.O. # ____
Sample Condition Upon Receipt:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	RADON 222								Number of Containers	Container/Comments	Lab Sample Number
BP-GW-W11A2 W01R-031496		3/14/96	16:50	L	X								1		#87021

RECEIVED
MAR 15 1996

❶ Relinquished by (signature)* Don Burley	❷ Received by (signature) M Lucas	Date 3/15/96	Total Number of Containers
Company TMA	Company TrueSoil	Time 8:35	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date 3/15	
Company	Laboratory Name TLI	Time 0837	

Special Instructions
PLEASE INCLUDE RAW DATA WITH REPORT.

Terms and Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800.377.2322
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3902 E University Drive, Suite 4
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Tel 602 437.9367 Fax 602.437 9362

TMA
Thermo Analytical

9 1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

April 12, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3205

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 3/15/96 were analyzed by Thermo Analytical for: Volatile Organic Compounds (VOC's) by EPA Method 8021, Metals by EPA 6000/7000 methods and various Wet Chemistry parameters.

The EPA Method 8021 samples taken on 3/15/96 were analyzed 3/19/96 - 3/23/96 which is within the allowable method holding time. The samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The 3/23/96 Matrix Spike percent recovery for 1,1-Dichloroethane was outside the acceptable QC limits due to possible sample matrix interferences. Since the Matrix Spike Duplicate percent recovery, the relative percent difference and Laboratory Control Sample Spike percent recovery were all within acceptable QC limits, the data was reported as is.

Several continuing calibrations had compounds with percent differences outside the acceptable QC limits. Dibromomethane, Dibromochloromethane, Bromoform, 1,2-Dibromo-3-chloropropane and Naphthalene had percent differences outside the acceptable QC limits. However, the response factors for these compounds were greater than the initial calibration response factors. Since these compounds were not detected in any of the samples, the data was reported as is.

The Metals were analyzed 3/20/96 - 3/22/96. The matrix spike percent recoveries for Calcium and Sodium were outside the acceptable QC limits due to the high concentration found in the native sample. The post spike sample percent recoveries for Calcium and Sodium were outside the acceptable QC limits due to the high concentrations found in the native sample.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley
Program Manager

Enclosure

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/15/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/15/96
Project Address:	MW5-17	Date Analyzed:	03/21/96
	Santa Fe Dam Recreation Area	Time Analyzed:	14:16
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51701-031596	Lab Sample ID:	L3205-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.46	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/15/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/15/96
Project Address:	MW5-17	Date Analyzed:	03/21/96
	Santa Fe Dam Recreation Area	Time Analyzed:	14:16
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51701-031596	Lab Sample ID:	L3205-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
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EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/15/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/15/96
Project Address:	MW5-17	Date Analyzed:	03/21/96
	Santa Fe Dam Recreation Area	Time Analyzed:	14:58
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51702-031596	Lab Sample ID:	L3205-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	6.4	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	6.7	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/15/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/15/96
Project Address:	MW5-17	Date Analyzed:	03/21/96
	Santa Fe Dam Recreation Area	Time Analyzed:	14:58
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51702-031596	Lab Sample ID:	L3205-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.15	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
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EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/15/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/15/96
Project Address:	MW5-17	Date Analyzed:	03/19/96
	Santa Fe Dam Recreation Area	Time Analyzed:	09:27
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51703-031596	Lab Sample ID:	L3205-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	43	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.53	
75-34-3	1,1-Dichloroethane	4.4	
156-59-4	cis-1,2-Dichloroethene	180	D
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	2.2	
71-55-6	1,1,1-Trichloroethane	79	D
56-23-5	Carbon tetrachloride	0.47	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	18	
79-01-6	Trichloroethene	280	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	2.4	
127-18-4	Tetrachloroethene	1100	D
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	1.1	
630-20-6	1,1,1,2-Tetrachloroethane	2.4	
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

Dilution factor = 50, analyzed on 03/22/96.
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/15/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/15/96
Project Address:	MW5-17	Date Analyzed:	03/19/96
	Santa Fe Dam Recreation Area	Time Analyzed:	09:27
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51703-031596	Lab Sample ID:	L3205-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.15	
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/15/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/15/96
Project Address:	MW5-17 Santa Fe Dam Recreation Area	Date Analyzed:	03/21/96
		Time Analyzed:	15:38
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-08000070-031596	Lab Sample ID:	L3205-11

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	17	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	2.9	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/15/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/15/96
Project Address:	MW5-17	Date Analyzed:	03/21/96
	Santa Fe Dam Recreation Area	Time Analyzed:	15:38
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-08000070-031596	Lab Sample ID:	L3205-11

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/15/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/15/96
Project Address:	MW5-17	Date Analyzed:	03/21/96
	Santa Fe Dam Recreation Area	Time Analyzed:	16:19
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51703N-031596	Lab Sample ID:	L3205-13

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/15/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/15/96
Project Address:	MW5-17	Date Analyzed:	03/21/96
	Santa Fe Dam Recreation Area	Time Analyzed:	16:19
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW51703N-031596	Lab Sample ID:	L3205-13

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.15	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-17	Date Analyzed:	03/19/96
	Santa Fe Dam Recreation Area	Time Analyzed:	01:56
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/18 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-17	Date Analyzed:	03/19/96
	Santa Fe Dam Recreation Area	Time Analyzed:	01:56
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/18 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-17 Santa Fe Dam Recreation Area	Date Analyzed:	03/21/96
		Time Analyzed:	13:35
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/21 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-17	Date Analyzed:	03/21/96
	Santa Fe Dam Recreation Area	Time Analyzed:	13:35
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/21 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-17	Date Analyzed:	03/22/96
	Santa Fe Dam Recreation Area	Time Analyzed:	13:36
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/22 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-17	Date Analyzed:	03/22/96
	Santa Fe Dam Recreation Area	Time Analyzed:	13:36
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/22 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/21/96-03/22/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-17 Santa Fe Dam Recreation Area		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	101	104	107
CCV	103	104	110
Method Blank	96	86	113
L3205-2	100	92	111
L3205-5	103	92	112
L3205-11	98	90	115
L3205-13	96	89	109
LCS	95	102	106
MS	97	100	107
MSD	97	102	103
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/22/96-03/23/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-17 Santa Fe Dam Recreation Area		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	101	91	112
CCV	101	92	107
Method Blank	94	90	112
L3205-8 DIL	96	89	110
LCS	94	83	113
MS	92	95	100
MSD	93	94	105
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/18/96-03/19/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-17 Santa Fe Dam Recreation Area		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	98	101	110
CCV	96	102	106
Method Blank	92	91	101
L3205-8	81	88	96
LCS	99	100	109
MS	91	90	107
MSD	91	98	105
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/19/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-17 Santa Fe Dam Recreation Area		
Matrix:	Liquid	Lab Sample ID:	L3205-5

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC. #	QC LIMITS REC.
Benzene	20.0	0.0	21.5	108	74-121
Toluene	20.0	0.15	20.9	104	72-121
Ethylbenzene	20.0	0.0	21.4	107	72-117
o-Xylene	20.0	0.0	21.5	108	66-124
1,1-Dichloroethane	20.0	0.0	19.5	98	73-121
1,1,1-Trichloroethane	20.0	0.0	18.9	95	72-126
cis-1,3-Dichloropropene	20.0	0.0	19.3	97	58-124
Chlorobenzene	20.0	0.0	17.9	90	52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	22.3	112	4	0-10	74-121
Toluene	20.0	21.6	107	3	0-16	72-121
Ethylbenzene	20.0	22.0	110	3	0-14	72-117
o-Xylene	20.0	22.1	111	3	0-14	66-124
1,1-Dichloroethane	20.0	20.4	102	4	0-18	73-121
1,1,1-Trichloroethane	20.0	20.1	101	6	0-15	72-126
cis-1,3-Dichloropropene	20.0	20.5	103	6	0-22	58-124
Chlorobenzene	20.0	19.9	100	11	0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/22/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-17 Santa Fe Dam Recreation Area		
Matrix:	Liquid	Lab Sample ID:	L3212-11

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	0.0	21.2	106		74-121
Toluene	20.0	0.208	20.7	102		72-121
Ethylbenzene	20.0	0.0	21.3	107		72-117
o-Xylene	20.0	0.0	21.3	107		66-124
1,1-Dichloroethane	20.0	3.45	24.4	105		73-121
1,1,1-Trichloroethane	20.0	0.309	20.3	100		72-126
cis-1,3-Dichloropropene	20.0	0.0	20.4	102		58-124
Chlorobenzene	20.0	0.0	20.3	102		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	20.9	105		1		0-10	74-121
Toluene	20.0	20.4	101		1		0-16	72-121
Ethylbenzene	20.0	21.0	105		2		0-14	72-117
o-Xylene	20.0	21.1	106		1		0-14	66-124
1,1-Dichloroethane	20.0	24.0	103		2		0-18	73-121
1,1,1-Trichloroethane	20.0	20.3	100		0		0-15	72-126
cis-1,3-Dichloropropene	20.0	20.8	104		2		0-22	58-124
Chlorobenzene	20.0	19.9	100		2		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/23/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-17 Santa Fe Dam Recreation Area		
Matrix:	Liquid	Lab Sample ID:	L3219-11

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	0.385	21.4	105		74-121
Toluene	20.0	0.166	20.6	102		72-121
Ethylbenzene	20.0	0.0	21.2	106		72-117
o-Xylene	20.0	0.0	21.4	107		66-124
1,1-Dichloroethane	20.0	12.1	26.4	72	*	73-121
1,1,1-Trichloroethane	20.0	1.33	20.4	95		72-126
cis-1,3-Dichloropropene	20.0	0.0	19.9	100		58-124
Chlorobenzene	20.0	0.0	22.7	114		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	21.2	104		1		0-10	74-121
Toluene	20.0	20.3	101		1		0-16	72-121
Ethylbenzene	20.0	20.4	102		4		0-14	72-117
o-Xylene	20.0	20.7	104		3		0-14	66-124
1,1-Dichloroethane	20.0	26.6	73		1		0-18	73-121
1,1,1-Trichloroethane	20.0	19.6	91		4		0-15	72-126
cis-1,3-Dichloropropene	20.0	18.9	95		5		0-22	58-124
Chlorobenzene	20.0	21.3	107		6		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 1 out of 16 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/19/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-17 Santa Fe Dam Recreation Area		
Matrix:	Liquid		
LCS Source:	Ultra Scientific		
Lab Sample ID:	LCS		

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	21.7	109	75-125
Toluene	20.0	21.0	105	75-125
Ethylbenzene	20.0	21.6	108	75-125
o-Xylene	20.0	21.8	109	75-125
1,1-Dichloroethane	20.0	21.0	105	75-125
1,1,1-Trichloroethane	20.0	20.3	102	75-125
cis-1,3-Dichloropropene	20.0	20.6	103	75-125
Chlorobenzene	20.0	20.7	104	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/21/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-17 Santa Fe Dam Recreation Area		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	22.1	111	75-125
Toluene	20.0	21.4	107	75-125
Ethylbenzene	20.0	22.0	110	75-125
o-Xylene	20.0	22.1	111	75-125
1,1-Dichloroethane	20.0	22.0	110	75-125
1,1,1-Trichloroethane	20.0	20.8	104	75-125
cis-1,3-Dichloropropene	20.0	20.6	103	75-125
Chlorobenzene	20.0	22.2	111	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/22/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-17 Santa Fe Dam Recreation Area		
Matrix:	Liquid		
LCS Source:	Ultra Scientific		
Lab Sample ID:	LCS		

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	23.0	115	75-125
Toluene	20.0	22.3	112	75-125
Ethylbenzene	20.0	22.9	115	75-125
o-Xylene	20.0	22.9	115	75-125
1,1-Dichloroethane	20.0	20.3	102	75-125
1,1,1-Trichloroethane	20.0	19.1	96	75-125
cis-1,3-Dichloropropene	20.0	19.6	98	75-125
Chlorobenzene	20.0	18.5	93	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3205
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/18/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4052	8
Chloromethane	9103	10	8156	10
Vinyl chloride	7475	9	7577	1
Bromomethane	4053	10	3965	2
Chloroethane	8231	9	8507	3
Trichlorofluoromethane	11964	9	12226	2
1,1-Dichloroethene	11045	9	11271	2
Methylene chloride	14825	12	15097	2
trans-1,2-Dichloroethene	11709	10	11905	2
1,1-Dichloroethane	11841	10	12114	2
cis-1,2-Dichloroethene	12091	9	12306	2
2,2-Dichloropropane	10669	12	9649	10
Bromochloromethane	8662	11	8979	4
Chloroform	15533	10	15636	1
1,1,1-Trichloroethane	14156	10	13999	1
Carbon tetrachloride	16313	9	16739	3
1,1-Dichloropropene	5579	14	5832	5
1,2-Dichloroethane	11607	9	11891	2
Trichloroethene	14474	8	14801	2
1,2-Dichloropropane	11206	8	11389	2
Dibromomethane	5500	11	6103	11
Bromodichloromethane	11224	9	11573	3
2-Chloroethyl vinyl ether	5579	14	5832	5
cis-1,3-Dichloropropene	9669	9	9831	2
trans-1,3-Dichloropropene	8941	8	9330	4
1,1,2-Trichloroethane	11768	6	12406	5
Tetrachloroethene	13939	9	13808	1
1,3-Dichloropropane	9412	8	9908	5
Dibromochloromethane	7533	13	8281	10
1,2-Dibromoethane	5371	8	5597	4
Chlorobenzene	5594	8	5537	1
1,1,1,2-Tetrachloroethane	13135	8	13664	4
Bromoform	5407	14	5981	11
1,1,2,2-Tetrachloroethane	9429	10	9517	1
1,2,3-Trichloropropane	7711	10	8007	4
2-Chlorotoluene	4767	8	4806	1
4-Chlorotoluene	4825	7	4800	1
1,3-Dichlorobenzene	7645	8	7624	0
1,4-Dichlorobenzene	8104	8	7957	2
1,2-Dichlorobenzene	7800	7	7814	0

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3205
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/18/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2900	16*
1,2,4-Trichlorobenzene	8865	8	8936	1
Hexachlorobutadiene	12492	9	12462	0
1,2,3-Trichlorobenzene	8957	8	9070	1
Benzene	3199	5	3490	9
Toluene	3013	5	3186	6
Ethylbenzene	2654	5	2877	8
p,m-Xylenes	3095	3	3337	8
o-Xylene	2666	4	2901	9
Styrene	3501	3	3722	6
Isopropylbenzene	1967	7	2166	10
Bromobenzene	3251	3	3502	8
Propylbenzene	2841	13	2810	1
1,3,5-Trimethylbenzene	3661	3	3901	7
tert-Butylbenzene	2109	5	2247	7
1,2,4-Trimethylbenzene	2784	3	2981	7
sec-Butylbenzene	2178	3	2354	8
4-Isopropyltoluene	2137	4	2231	4
n-Butylbenzene	2350	2	2489	6
Naphthalene	2501	14	2951	18*

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3205
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/19/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	3867	12
Chloromethane	9103	10	8140	11
Vinyl chloride	7475	9	7938	6
Bromomethane	4053	10	3773	7
Chloroethane	8231	9	8437	3
Trichlorofluoromethane	11964	9	12543	5
1,1-Dichloroethene	11045	9	11664	6
Methylene chloride	14825	12	16135	9
trans-1,2-Dichloroethene	11709	10	12240	5
1,1-Dichloroethane	11841	10	12314	4
cis-1,2-Dichloroethene	12091	9	12608	4
2,2-Dichloropropane	10669	12	10075	6
Bromochloromethane	8662	11	9079	5
Chloroform	15533	10	16018	3
1,1,1-Trichloroethane	14156	10	14567	3
Carbon tetrachloride	16313	9	17130	5
1,1-Dichloropropene	5579	14	5809	4
1,2-Dichloroethane	11607	9	12240	5
Trichloroethene	14474	8	15193	5
1,2-Dichloropropane	11206	8	11415	2
Dibromomethane	5500	11	6246	14
Bromodichloromethane	11224	9	11874	6
2-Chloroethyl vinyl ether	5579	14	5809	4
cis-1,3-Dichloropropene	9669	9	9995	3
trans-1,3-Dichloropropene	8941	8	9338	4
1,1,2-Trichloroethane	11768	6	12653	8
Tetrachloroethene	13939	9	14181	2
1,3-Dichloropropane	9412	8	10063	7
Dibromochloromethane	7533	13	8497	13
1,2-Dibromoethane	5371	8	5870	9
Chlorobenzene	5594	8	5667	1
1,1,1,2-Tetrachloroethane	13135	8	12692	3
Bromoform	5407	14	6370	18*
1,1,2,2-Tetrachloroethane	9429	10	9892	5
1,2,3-Trichloropropane	7711	10	8603	12
2-Chlorotoluene	4767	8	5055	6
4-Chlorotoluene	4825	7	5025	4
1,3-Dichlorobenzene	7645	8	7946	4
1,4-Dichlorobenzene	8104	8	8221	1
1,2-Dichlorobenzene	7800	7	8041	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3205
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/19/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	3066	23*
1,2,4-Trichlorobenzene	8865	8	9201	4
Hexachlorobutadiene	12492	9	12660	1
1,2,3-Trichlorobenzene	8957	8	9264	3
Benzene	3199	5	3519	10
Toluene	3013	5	3230	7
Ethylbenzene	2654	5	2912	10
p,m-Xylenes	3095	3	3378	9
o-Xylene	2666	4	2943	10
Styrene	3501	3	3757	7
Isopropylbenzene	1967	7	2184	11
Bromobenzene	3251	3	3537	9
Propylbenzene	2841	13	2938	3
1,3,5-Trimethylbenzene	3661	3	3966	8
tert-Butylbenzene	2109	5	2268	8
1,2,4-Trimethylbenzene	2784	3	3025	9
sec-Butylbenzene	2178	3	2388	10
4-Isopropyltoluene	2137	4	2279	7
n-Butylbenzene	2350	2	2527	8
Naphthalene	2501	14	3055	22*

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3205
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	3818	13
Chloromethane	9103	10	7973	12
Vinyl chloride	7475	9	7803	4
Bromomethane	4053	10	3877	4
Chloroethane	8231	9	8830	7
Trichlorofluoromethane	11964	9	12907	8
1,1-Dichloroethene	11045	9	12320	12
Methylene chloride	14825	12	15978	8
trans-1,2-Dichloroethene	11709	10	12949	11
1,1-Dichloroethane	11841	10	13277	12
cis-1,2-Dichloroethene	12091	9	13237	9
2,2-Dichloropropane	10669	12	10999	3
Bromochloromethane	8662	11	9573	11
Chloroform	15533	10	16925	9
1,1,1-Trichloroethane	14156	10	15377	9
Carbon tetrachloride	16313	9	17955	10
1,1-Dichloropropene	5579	14	6230	12
1,2-Dichloroethane	11607	9	12620	9
Trichloroethene	14474	8	16147	12
1,2-Dichloropropane	11206	8	12077	8
Dibromomethane	5500	11	6438	17*
Bromodichloromethane	11224	9	12315	10
2-Chloroethyl vinyl ether	5579	14	6230	12
cis-1,3-Dichloropropene	9669	9	10410	8
trans-1,3-Dichloropropene	8941	8	9713	9
1,1,2-Trichloroethane	11768	6	12988	10
Tetrachloroethene	13939	9	14843	6
1,3-Dichloropropane	9412	8	10449	11
Dibromochloromethane	7533	13	8855	18*
1,2-Dibromoethane	5371	8	6108	14
Chlorobenzene	5594	8	5924	6
1,1,1,2-Tetrachloroethane	13135	8	14270	9
Bromoform	5407	14	6661	23*
1,1,2,2-Tetrachloroethane	9429	10	10184	8
1,2,3-Trichloropropane	7711	10	8893	15
2-Chlorotoluene	4767	8	5137	8
4-Chlorotoluene	4825	7	5177	7
1,3-Dichlorobenzene	7645	8	8189	7
1,4-Dichlorobenzene	8104	8	8355	3
1,2-Dichlorobenzene	7800	7	7993	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3205
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	3138	26*
1,2,4-Trichlorobenzene	8865	8	9120	3
Hexachlorobutadiene	12492	9	12874	3
1,2,3-Trichlorobenzene	8957	8	9151	2
Benzene	3199	5	3505	10
Toluene	3013	5	3210	7
Ethylbenzene	2654	5	2908	10
p,m-Xylenes	3095	3	3375	9
o-Xylene	2666	4	2924	10
Styrene	3501	3	3733	7
Isopropylbenzene	1967	7	2191	11
Bromobenzene	3251	3	3491	7
Propylbenzene	2841	13	3283	16*
1,3,5-Trimethylbenzene	3661	3	3949	8
tert-Butylbenzene	2109	5	2265	7
1,2,4-Trimethylbenzene	2784	3	3004	8
sec-Butylbenzene	2178	3	2391	10
4-Isopropyltoluene	2137	4	2264	6
n-Butylbenzene	2350	2	2522	7
Naphthalene	2501	14	2996	20*

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3205
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4002	9
Chloromethane	9103	10	7620	16*
Vinyl chloride	7475	9	7748	4
Bromomethane	4053	10	4305	6
Chloroethane	8231	9	8727	6
Trichlorofluoromethane	11964	9	12826	7
1,1-Dichloroethene	11045	9	11886	8
Methylene chloride	14825	12	15068	2
trans-1,2-Dichloroethene	11709	10	12702	8
1,1-Dichloroethane	11841	10	12819	8
cis-1,2-Dichloroethene	12091	9	12802	4
2,2-Dichloropropane	10669	12	10335	3
Bromochloromethane	8662	11	9510	10
Chloroform	15533	10	16505	6
1,1,1-Trichloroethane	14156	10	14853	5
Carbon tetrachloride	16313	9	17429	7
1,1-Dichloropropene	5579	14	6154	10
1,2-Dichloroethane	11607	9	12403	7
Trichloroethene	14474	8	15291	6
1,2-Dichloropropane	11206	8	11512	3
Dibromomethane	5500	11	6318	15
Bromodichloromethane	11224	9	11858	6
2-Chloroethyl vinyl ether	5579	14	6154	10
cis-1,3-Dichloropropene	9669	9	10235	6
trans-1,3-Dichloropropene	8941	8	9574	7
1,1,2-Trichloroethane	11768	6	12883	9
Tetrachloroethene	13939	9	14845	6
1,3-Dichloropropane	9412	8	10449	11
Dibromochloromethane	7533	13	8626	15
1,2-Dibromoethane	5371	8	6113	14
Chlorobenzene	5594	8	6081	9
1,1,1,2-Tetrachloroethane	13135	8	14261	9
Bromoform	5407	14	6317	17*
1,1,2,2-Tetrachloroethane	9429	10	9988	6
1,2,3-Trichloropropane	7711	10	8584	11
2-Chlorotoluene	4767	8	5189	9
4-Chlorotoluene	4825	7	5239	9
1,3-Dichlorobenzene	7645	8	8188	7
1,4-Dichlorobenzene	8104	8	8483	5
1,2-Dichlorobenzene	7800	7	8352	7

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3205
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	3100	24*
1,2,4-Trichlorobenzene	8865	8	9559	8
Hexachlorobutadiene	12492	9	13247	6
1,2,3-Trichlorobenzene	8957	8	9484	6
Benzene	3199	5	3519	10
Toluene	3013	5	3224	7
Ethylbenzene	2654	5	2930	10
p,m-Xylenes	3095	3	3393	10
o-Xylene	2666	4	2947	11
Styrene	3501	3	3775	8
Isopropylbenzene	1967	7	2203	12
Bromobenzene	3251	3	3548	9
Propylbenzene	2841	13	2985	5
1,3,5-Trimethylbenzene	3661	3	3998	9
tert-Butylbenzene	2109	5	2279	8
1,2,4-Trimethylbenzene	2784	3	3035	9
sec-Butylbenzene	2178	3	2401	10
4-Isopropyltoluene	2137	4	2277	7
n-Butylbenzene	2350	2	2525	7
Naphthalene	2501	14	2890	16*

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3205
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	3635	17*
Chloromethane	9103	10	7632	16*
Vinyl chloride	7475	9	7567	1
Bromomethane	4053	10	4015	1
Chloroethane	8231	9	8299	1
Trichlorofluoromethane	11964	9	12271	3
1,1-Dichloroethene	11045	9	11490	4
Methylene chloride	14825	12	14376	3
trans-1,2-Dichloroethene	11709	10	12070	3
1,1-Dichloroethane	11841	10	12284	4
cis-1,2-Dichloroethene	12091	9	12127	0
2,2-Dichloropropane	10669	12	10861	2
Bromochloromethane	8662	11	8679	0
Chloroform	15533	10	15367	1
1,1,1-Trichloroethane	14156	10	13718	3
Carbon tetrachloride	16313	9	15897	3
1,1-Dichloropropene	5579	14	5743	3
1,2-Dichloroethane	11607	9	11185	4
Trichloroethene	14474	8	13608	6
1,2-Dichloropropane	11206	8	10889	3
Dibromomethane	5500	11	5663	3
Bromodichloromethane	11224	9	11028	2
2-Chloroethyl vinyl ether	5579	14	5743	3
cis-1,3-Dichloropropene	9669	9	9743	1
trans-1,3-Dichloropropene	8941	8	9070	1
1,1,2-Trichloroethane	11768	6	11493	2
Tetrachloroethene	13939	9	13456	3
1,3-Dichloropropane	9412	8	9141	3
Dibromochloromethane	7533	13	7376	2
1,2-Dibromoethane	5371	8	5045	6
Chlorobenzene	5594	8	5551	1
1,1,1,2-Tetrachloroethane	13135	8	13513	3
Bromoform	5407	14	5488	2
1,1,2,2-Tetrachloroethane	9429	10	8881	6
1,2,3-Trichloropropane	7711	10	7039	9
2-Chlorotoluene	4767	8	4986	5
4-Chlorotoluene	4825	7	5016	4
1,3-Dichlorobenzene	7645	8	7943	4
1,4-Dichlorobenzene	8104	8	8181	1
1,2-Dichlorobenzene	7800	7	7932	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/03/96
		Lab P.N.:	L3205
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2432	2
1,2,4-Trichlorobenzene	8865	8	9018	2
Hexachlorobutadiene	12492	9	12975	4
1,2,3-Trichlorobenzene	8957	8	9115	2
Benzene	3199	5	3528	10
Toluene	3013	5	3261	8
Ethylbenzene	2654	5	2929	10
p,m-Xylenes	3095	3	3410	10
o-Xylene	2666	4	2946	11
Styrene	3501	3	3786	8
Isopropylbenzene	1967	7	2208	12
Bromobenzene	3251	3	3516	8
Propylbenzene	2841	13	3173	12
1,3,5-Trimethylbenzene	3661	3	4034	10
tert-Butylbenzene	2109	5	2286	8
1,2,4-Trimethylbenzene	2784	3	3064	10
sec-Butylbenzene	2178	3	2417	11
4-Isopropyltoluene	2137	4	2326	9
n-Butylbenzene	2350	2	2607	11
Naphthalene	2501	14	2603	4

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/15/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/15/96
Project Address:	MW5-17 Santa Fe Dam Recration Area	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW51701-031596	Lab Sample ID:	L3205-3

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0722	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00493	
Iron	Iron	6010	0.0487	
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.00749	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	40.7	
Magnesium	Magnesium	6010	10.3	
Potassium	Potassium	6010	3.58	
Sodium	Sodium	6010	32.0	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/15/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/15/96
Project Address:	MW5-17	Date Analyzed:	03/20/96-03/22/96
	Santa Fe Dam Recration Area	Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW51702-031596	Lab Sample ID:	L3205-6

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.112	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00806	
Iron	Iron	6010	0.0748	
Lead	Lead	7421	0.000790	
Manganese	Manganese	6010	0.00881	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00584	
Zinc	Zinc	6010	0.0186	
Calcium	Calcium	6010	59.8	
Magnesium	Magnesium	6010	12.9	
Potassium	Potassium	6010	3.61	
Sodium	Sodium	6010	25.7	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/15/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/15/96
Project Address:	MW5-17 Santa Fe Dam Recration Area	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW51703-031596	Lab Sample ID:	L3205-9

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.176	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00321	
Copper	Copper	6010	0.00610	
Iron	Iron	6010	0.0290	
Lead	Lead	7421	0.00069	
Manganese	Manganese	6010	0.00545	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00633	
Zinc	Zinc	6010	0.0176	
Calcium	Calcium	6010	72.9	
Magnesium	Magnesium	6010	16.5	
Potassium	Potassium	6010	3.90	
Sodium	Sodium	6010	30.5	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/15/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/15/96
Project Address:	MW5-17 Santa Fe Dam Recration Area	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-08000070-031596	Lab Sample ID:	L3205-12

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00310	
Barium	Barium	6010	0.122	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.01090	
Iron	Iron	6010	0.0238	
Lead	Lead	7421	0.00279	
Manganese	Manganese	6010	0.00200	U
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0281	
Calcium	Calcium	6010	54.9	
Magnesium	Magnesium	6010	12.2	
Potassium	Potassium	6010	2.88	
Sodium	Sodium	6010	15.5	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/15/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/15/96
Project Address:	MW5-17 Santa Fe Dam Recration Area	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW51703N-031596	Lab Sample ID:	L3205-14

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.00183	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00604	
Iron	Iron	6010	0.0243	
Lead	Lead	7421	0.00071	
Manganese	Manganese	6010	0.00200	U
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	0.601	
Magnesium	Magnesium	6010	0.172	
Potassium	Potassium	6010	0.358	U
Sodium	Sodium	6010	0.519	

Comments:

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-17
Santa Fe Dam Recration Area

Report Date: 04/03/96
Lab P.N.: L3205
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum	2.50	2.50	100	1.00	1.05	105	1.05	105	6010
Arsenic	0.0250	0.0270	108	0.0250	0.0246	98	0.0257	103	7060
Barium	2.50	2.54	102	1.00	1.02	102	1.03	103	6010
Cadmium	1.25	1.27	102	2.50	2.52	101	2.60	104	6010
Chromium	2.50	2.54	102	2.50	2.54	101	2.50	100	6010
Copper	2.50	2.48	99	2.50	2.52	100	2.46	98	6010
Iron	2.50	2.53	101	2.50	2.53	102	2.46	99	6010
Lead	0.0250	0.0255	102	0.0250	0.0252	101	0.0256	102	7421
Manganese	2.50	2.57	102	2.50	2.57	103	2.51	101	6010
Nickel	2.50	2.60	104	2.50	2.67	106	2.75	110	6010
Zinc	2.50	2.54	101	2.50	2.53	101	2.58	103	6010
Mercury	0.00500	0.00475	95	0.00300	0.00285	95	0.00295	98	7470
Calcium	25.0	25.0	100	2.50	2.55	102	2.56	103	6010
Magnesium	25.0	25.9	103	2.50	2.51	101	2.46	99	6010
Potassium	25.0	25.1	100	10.0	9.98	100	10.1	101	6010
Sodium	25.0	25.5	102	1.00	1.03	103	1.03	103	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-17
Santa Fe Dam Recration Area

Report Date: 04/03/96
Lab P.N.: L3205
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				1.00	1.00	100	0.99	99	6010
Arsenic				0.0250	0.0254	102	0.0246	98	7060
Barium				1.00	1.00	100	1.00	100	6010
Cadmium				2.50	2.64	106	2.68	108	6010
Chromium				2.50	2.46	98	2.46	98	6010
Copper				2.50	2.40	96	2.38	94	6010
Iron				2.50	2.34	94	2.36	95	6010
Lead				0.0250	0.0255	102	0.0258	103	7421
Manganese				2.50	2.45	98	2.46	99	6010
Nickel				2.50	2.72	108	2.68	107	6010
Zinc				2.50	2.58	103	2.58	103	6010
Mercury				0.00300	0.00303	101	0.00288	96	7470
Calcium				2.50	2.53	101	2.53	101	6010
Magnesium				2.50	2.39	96	2.38	96	6010
Potassium				10.0	9.74	99	9.33	93	6010
Sodium				1.00	1.02	102	0.99	99	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-17
Santa Fe Dam Recration Area

Report Date: 04/03/96
Lab P.N.: L3205
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				1.00	1.00	100	0.99	99	6010
Arsenic									
Barium				1.00	1.02	102	1.01	101	6010
Cadmium				2.50	2.69	108	2.71	109	6010
Chromium				2.50	2.52	101	2.56	102	6010
Copper				2.50	2.41	96	2.43	96	6010
Iron				2.50	2.44	98	2.49	100	6010
Lead									
Manganese				2.50	2.55	102	2.60	104	6010
Nickel				2.50	2.72	109	2.71	108	6010
Zinc				2.50	2.60	104	2.63	105	6010
Mercury									
Calcium				2.50	2.59	104	2.63	105	6010
Magnesium				2.50	2.44	98	2.46	99	6010
Potassium	25.0	26.1	104	10.0	10.1	101	10.2	102	6010
Sodium				1.00	1.00	100	0.96	96	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-17 Santa Fe Dam Recration Area		
Concentration:	mg/l		

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum									
Arsenic									
Barium									
Cadmium									
Chromium									
Copper									
Iron									
Lead									
Manganese									
Nickel									
Zinc									
Mercury									
Calcium									
Magnesium									
Potassium				10.0	9.91	99			6010
Sodium									

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
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METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-17 Santa Fe Dam Recration Area		

Matrix: Liquid
Date Analyzed: 03/20/96-03/22/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum	0.0437	U	0.0437	U	0.0437	U	0.0437	U	0.0437	U	6010
Arsenic	0.00299	U	0.00299	U	0.00299	U	0.00299	U	0.00299	U	7060
Barium	0.00134	U	0.00134	U	0.00134	U	0.00134	U	0.00241		6010
Cadmium	0.00170	U	0.00170	U	0.00170	U	0.00170	U	0.00170	U	6010
Chromium	0.00180	U	0.00180	U	0.00180	U	0.00180	U	0.00180	U	6010
Copper	0.00270	U	0.00270	U	0.00270	U	0.00270	U	0.00637		6010
Iron	0.0225	U	0.0225	U	0.0225	U	0.0225	U	0.0225	U	6010
Lead	0.000636	U	0.000636	U	0.000636	U	0.000636	U	0.000770		7421
Manganese	0.00200	U	0.00200	U	0.00200	U	0.00200	U	0.00200	U	6010
Mercury	0.000173	U	0.000173	U	0.000173	U	0.000173	U	0.000173	U	7470
Nickel	0.00470	U	0.00470	U	0.00470	U	0.00470	U	0.00470	U	6010
Zinc	0.0175	U	0.0175	U	0.0175	U	0.0175	U	0.0175	U	6010
Calcium	0.102	U	0.102	U	0.102	U	0.102	U	0.301		6010
Magnesium	0.0379	U	0.0379	U	0.0379	U	0.0379	U	0.120		6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium	0.108	U	0.108	U	0.108	U	0.108	U	0.232		6010

TMA
Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-17 Santa Fe Dam Recration Area		

Matrix: Liquid
Date Analyzed: 03/20/96-03/22/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum			0.0437	U	0.0437	U	0.0437	U			6010
Arsenic			0.00299	U	0.00299	U	0.00299	U			7060
Barium			0.00134	U	0.00134	U	0.00134	U			6010
Cadmium			0.00170	U	0.00170	U	0.00170	U			6010
Chromium			0.00180	U	0.00180	U	0.00180	U			6010
Copper			0.00270	U	0.00270	U	0.00270	U			6010
Iron			0.0225	U	0.0225	U	0.0225	U			6010
Lead			0.000636	U	0.000636	U	0.000636	U			7421
Manganese			0.00200	U	0.00200	U	0.00200	U			6010
Mercury			0.000173	U	0.000173	U	0.000173	U			7470
Nickel			0.00489		0.00470	U	0.00470	U			6010
Zinc			0.0175	U	0.0175	U	0.0175	U			6010
Calcium			0.102	U	0.102	U	0.102	U			6010
Magnesium			0.0379	U	0.0379	U	0.0379	U			6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium			0.108	U	0.108	U	0.108	U			6010

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ICP INTERFERENCE CHECK SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-17
Santa Fe Dam Recration Area
Concentration Unit: mg/l

Report Date: 04/03/96
Lab P.N.: L3205
Client P.N.: 2581-112-T4-SAMP

	Initial			Final		
Analyte	True Sol. AB	Found Sol. AB	%R	True Sol. AB	Found Sol. AB	%R
Aluminum	500	486	97	500	480	96
Barium	0.500	0.470	94	0.500	0.471	94
Cadmium	1.00	1.00	100	1.00	1.04	104
Chromium	0.500	0.487	98	0.500	0.476	95
Copper	0.500	0.470	94	0.500	0.455	91
Iron	200	172	86	200	165	82
Manganese	0.500	0.429	86	0.500	0.413	83
Nickel	1.00	0.943	94	1.00	0.973	98
Zinc	1.00	1.01	101	1.00	1.03	103
Calcium	500	470	94	500	475	95
Magnesium	500	486	97	500	478	96

%R control limits = 80 - 120 %.

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METALS SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-17
Santa Fe Dam Recration Area

Report Date: 04/03/96
Lab P.N.: L3205
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3212-12
Client Sample ID: BP-GW-MW50304-031896
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/20/96	2.00	0.000	1.85	93	6010
Arsenic	03/20/96	0.0400	0.000	0.0426	106	7060
Barium	03/20/96	2.00	0.0337	1.92	94	6010
Cadmium	03/20/96	2.00	0.000	1.88	94	6010
Chromium	03/20/96	2.00	0.000	1.82	91	6010
Copper	03/20/96	2.00	0.00413	1.81	90	6010
Iron	03/20/96	2.00	0.0244	1.79	88	6010
Lead	03/20/96	0.0120	0.000660	0.0122	96	7421
Manganese	03/20/96	2.00	0.0764	1.92	92	6010
Nickel	03/20/96	2.00	0.00294	1.90	95	6010
Zinc	03/20/96	2.00	0.000	1.86	93	6010
Mercury	03/20/96	0.00200	0.000	0.0019	95	7470
Calcium	03/20/96	2.00	19.6	22.2	132*	6010
Magnesium	03/20/96	2.00	5.53	7.57	102	6010
Potassium	03/22/96	20.0	5.92	26.1	101	6010
Sodium	03/20/96	2.00	142	150	354*	6010

Column used to flag recovery values with an asterisk
*Value outside of control limits
Spike Recovery: 2 out of 16 outside limits.

Conc Spk = Concentration of Spike in Sample
%MS = Percent Recovery of MS
Control limits for Spike Samples are 75-125%.

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METALS POST SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-17
Santa Fe Dam Recration Area

Report Date: 04/03/96
Lab P.N.: L3205
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3212-12
Client Sample ID: BP-GW-MW50304-031896
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/20/96	5.00	0.000	4.82	96	6010
Arsenic	03/20/96	0.100	0.000	0.112	112	7060
Barium	03/20/96	5.00	0.0337	4.88	97	6010
Cadmium	03/20/96	5.00	0.000	5.34	107	6010
Chromium	03/20/96	5.00	0.000	4.98	100	6010
Copper	03/20/96	5.00	0.00413	4.75	95	6010
Iron	03/20/96	5.00	0.0244	4.85	97	6010
Lead	03/20/96	0.100	0.000660	0.103	102	7421
Manganese	03/20/96	5.00	0.0764	5.12	101	6010
Nickel	03/20/96	5.00	0.00294	5.34	107	6010
Zinc	03/20/96	5.00	0.000	5.22	104	6010
Calcium	03/20/96	5.00	19.6	27.4	156*	6010
Magnesium	03/20/96	5.00	5.53	11.0	109	6010
Potassium	03/22/96	50.0	5.92	56.4	101	6010
Sodium	03/20/96	5.00	142	156	280*	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 2 out of 15 outside limits.

Conc Spk = Concentration of Spike in Sample.
%MS = Percent Recovery of MS.
Control limits for Post Digest Spike Samples are 75-125%.

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METALS DUPLICATES

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-17
Santa Fe Dam Recration Area

Report Date: 04/03/96
Lab P.N.: L3205
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3212-12
Client Sample ID: BP-GW-MW50304-031896

Concentration Units: mg/l

Metal	Date Analyzed	Sample Result	Duplicate Result	RPD	Method
Barium	03/20/96	0.0337	0.0344	2	6010
Manganese	03/20/96	0.0764	0.0776	2	6010
Calcium	03/20/96	19.6	19.7	0	6010
Magnesium	03/20/96	5.53	5.63	2	6010
Potassium	03/22/96	5.92	6.78	14	6010
Sodium	03/20/96	142	145	2	6010

*Value outside control limits

Control limits equal 0-20% if sample and duplicate concentrations >/= 5x MDL.
If both sample and duplicate concentrations are < MDL, then no control limt exists.

0 out of 4 outside limits

Comments: _____

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METALS LABORATORY CONTROL SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-17
Santa Fe Dam Recration Area

Report Date: 04/03/96
Lab P.N.: L3205
Client P.N.: 2581-112-T4-SAMP

LCS Source: CR1-CRA-3 (Inorganic Ventures Lot #J-MEB25058) & QC-7(SPEX Lot #8-92AS)
QC-19(SPEX Lot #8-67AS), HG stock Std. (SPEX Lot #7-147AS)

Concentration: mg/l

Metal	Date	LCS True Conc.	Result	%RC	Method
Aluminum	03/20/96	2.00	1.84	92	6010
Arsenic	03/20/96	0.0400	0.0408	102	7060
Barium	03/20/96	2.00	1.94	97	6010
Cadmium	03/20/96	2.00	1.86	93	6010
Chromium	03/20/96	2.00	1.79	90	6010
Copper	03/20/96	2.00	1.84	92	6010
Iron	03/20/96	2.00	1.74	87	6010
Lead	03/20/96	0.0120	0.0130	108	7421
Manganese	03/20/96	2.00	1.78	89	6010
Mercury	03/20/96	0.00200	0.00185	92	7470
Nickel	03/20/96	2.00	1.96	98	6010
Zinc	03/20/96	2.00	1.85	92	6010
Calcium	03/20/96	2.00	2.15	107	6010
Magnesium	03/20/96	2.00	1.89	94	6010
Potassium	03/22/96	20.0	18.6	93	6010
Sodium	03/20/96	2.00	2.20	110	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 0 out of 16 outside limits.
Control Limits for Laboratory Control Check Sample are 80-120%.

TMA
Thermo Analytical

ICP SERIAL DILUTIONS

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3205
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-17 Santa Fe Dam Recration Area		

Matrix:	Liquid
Concentration Unit:	mg/l
Client Sample ID:	BP-GW-MW50304-031896
Lab Sample ID:	L3212-12

Metal	Initial Sample Result	Serial Dilution Result	% DIFF	Method
Calcium	19.6	21.8	11	6010
Magnesium	5.53	6.17	12	6010
Potassium	5.92	6.12	3	6010
Sodium	142	152	7	6010

%DIFF = % Difference
Series dilution (1:4 with blank water) must be performed for each batch of samples using one representative samp
%DIFF = [(Sample Result - Series Dilution Result)/Sample Result] X 100

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1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	4/3/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3205
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/15/96
Project Address:	MW5-17	Date Received:	3/15/96
	Santa Fe Dam Recreation Area	Date Analyzed:	3/15/96-3/21/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Alkalinity (EPA 310.1)	M	87	-	80-120	-	-
Chloride (EPA 300.0)	M	81	82	80-120	1	0-20
Nitrate-N (EPA 300.0)	M	98	100	80-120	2	0-20
Nitrite-N (EPA 300.0)	M	96	96	80-120	0	0-20
Sulfate (EPA 300.0)	M	91	92	80-120	1	0-20

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/3/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3205
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/15/96
Project Address:	MW5-17	Date Analyzed:	3/19/96-3/21/96
	Santa Fe Dam Recreation Area	Physical State:	Liquid

Client Sample ID	Alkalinity Bicarbonate EPA 310.1 mg/l	Alkalinity Carbonate EPA 310.1 mg/l	Total Dissolved Solids EPA 160.1 mg/l	Total Suspended Solids EPA 160.2 mg/l
BP-GW-MW51701-031596	140	ND	320	ND
BP-GW-MW51702-031596	140	ND	360	ND
BP-GW-MW51703-031596	250	ND	440	ND
BP-GW-08000070-031596	170	ND	300	ND
BP-GW-MW51703N-031596	3.2	ND	13	ND
Quantitation Limits mg/l	1.0	1.0	12	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
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LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/3/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3205
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/15/96
Project Address:	MW5-17	Date Analyzed:	3/15/96-3/19/96
	Santa Fe Dam Recreation Area	Physical State:	Liquid

Client Sample ID	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l	Hardness EPA 130.2 mg/l
BP-GW-MW51701-031596	0.91	1.5	160
BP-GW-MW51702-031596	ND	2.8	240
BP-GW-MW51703-031596	ND	7.6	270
BP-GW-08000070-031596	ND	3.1	210
BP-GW-MW51703N-031596	ND	ND	8.0
Quantitation Limits mg/l	0.25	0.25	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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Thermo Analytical

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/3/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3205
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/15/96
Project Address:	MW5-17	Date Analyzed:	3/15/96-3/19/96
	Santa Fe Dam Recreation Area	Physical State:	Liquid

Client Sample ID	Chloride EPA 300.0 mg/l	Quantitation Limits mg/l
BP-GW-MW51701-031596	20	1.3
BP-GW-MW51702-031596	56	2.5
BP-GW-MW51703-031596	31	1.3
BP-GW-08000070-031596	18	1.3
BP-GW-MW51703N-031596	ND	0.25

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
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14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 3/25/96

RECEIVED: 3/15/96

LABORATORY NO. 87067

SAMPLE: Water/5

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-MW51701	116	+/- 13
BP-GW-MW51702	395	+/- 23
BP-GW-MW51703	142	+/- 12
BP-GW-08000070	271	+/- 16
BP-GW-M1ONCMW1	318	+/- 14

Date Analyzed: 3/15/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/3/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3205
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/15/96
Project Address:	MW5-17	Date Analyzed:	3/15/96-3/19/96
	Santa Fe Dam Recreation Area	Physical State:	Liquid

Client Sample ID	Sulfate EPA 300.0 mg/l	Quantitation Limits mg/l
BP-GW-MW51701-031596	41	5.0
BP-GW-MW51702-031596	47	10
BP-GW-MW51703-031596	35	1.0
BP-GW-08000070-031596	33	1.0
BP-GW-MW51703N-031596	ND	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
Thermo Analytical

REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

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BP-GW-08000070	271	+/- 16
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CHAIN-OF-CUSTODY RECORD

Client: CDM

Date: 3-15-96

Project Name: Quaterly Sampling

Client Reference #: 2581-112-T4-SAMP

Project Address: MW5-17

Santa Fe Dam Recreation Area

Project Contact (please print):

Turn Around Requested:
- [ ] Immediate Attention
- [ ] Rush 24-48 Hours
- [ ] Rush 48-96 Hours
- [x] Normal
- [ ] Mobile Lab

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Page 1 of 1

Lab Use Only
Lab Job # L3205
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled [x] yes [ ] no
Sealed [ ] yes [ ] no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon Draft 9/3	VOC's - 8021	* Metals (Al, As, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Ni, Zn, Hg) 6010/7000	* Cations (Ca, Mg, K, Na) - 6010	TDS-TSS 160.1/160.2	Anions (Cl, SO4) (NO3, NO2) 300.0	Alkal. (CO3, HCO3) - 2320	Hardness - 130.2	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-MW51701-031596	Zone 1 (699-708)	3-15-96	9:30	L	X								2	40-ml VOA's	L3205-1
			9:30	L		X							2	40-ml VOA's w/HCl	-2
			9:30	L			X	X	X	X	X	X	1	1 Liter Poly	-3
BP-GW-MW51702-031596	Zone 2 (540-550)		11:00	L	X								4	40-ml VOA's **	-4
			11:00	L		X							4	40-ml VOA's w/HCl **	-5
			11:00	L			X	X	X	X	X	X	2	1 Liter Poly bottles **	-6
BP-GW-MW51703-031596	Zone 3 (305-315)		12:45	L	X								2	40-ml VOA's	-7
			12:45	L		X							2	40-ml VOA's w/HCl	-8
			12:45	L			X	X	X	X	X	X	1	1 Liter Poly	-9
BP-GW-08000070-031596	Santa Fe Dam #1		9:35	L	X								1	125 ml Amber	-10
			9:35	L		X							3	40 ml VOA's w/HCl	-11
			9:35	L			X	X	X	X	X	X	1	1L Poly	-12
BP-GW-MW51703N-031596	MW5-17		13:55	L									2	40-ml VOA's	-13
~~BP-GW-W10NCMW1-031596~~	~~NORAC WELL~~		13:55	L									1	1 Liter Poly	-14
BP-GW-W10NCMW1-031596	NORAC MW-1	3-15-96	10:15	L	X								1	125 ml amber	-15

❶ Relinquished by (signature)* Dean Tomchell	❷ Received by (signature)	Date 3/15/96	29 Total Number of Containers
Company Camp Dresser & McKee	Company	Time	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature) Don Bailey	Date 3/15/96	
Company	Laboratory Name TMA	Time 1440	

Special Instructions
*Filter at Lab ASAP - 0.45 µm filter; **Extra Volume for Lab QC; CLP-like deliverables

TERRA TECH LABO
Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800.377.2322
Fax 714.757.7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602.437.9367 Fax 602.437.9362

CHAIN-OF-CUSTODY RECORD

Client: CDM

Date: 3-15-96

Project Name: Quaterly Sampling

Client Reference #: 2581-112-T4-SAMP

Project Address: MW5-17

Santa Fe Dam Recreation Area

Project Contact (please print):

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Page 1 of 1

Lab Use Only
Lab Job # L3205
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon Draft 9/3	VOC's - 8021	* Metals (M,As,Ba,Ca,Cr,Cu,Fe,Pb,Mn,Ni,Zn,Hg) 6010/7000	* Cations (Ca,Mg,K,Na) - 6010	TDS-TSS 160.1/160.2	Anions (Cl,SO4)(NO3,NO2) 300.0	Alkal. (CO3,HCO3) - 2320	Hardness - 130.2	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-MW51701-031596	Zone 1 (698-708)	3-15-96	9:30	L	X								2	40-ml VOA's	L3205-1
			9:30	L		X							2	40-ml VOA's w/HCl	-2
			9:30	L			X	X	X	X	X	X	1	1 Liter Poly	-3
BP-GW-MW51702-031596	Zone 2 (540-550)		11:00	L	X								4	40-ml VOA's **	-4
			11:00	L		X							4	40-ml VOA's w/HCl **	-5
			11:00	L			X	X	X	X	X	X	2	1 Liter Poly bottles **	-6
BP-GW-MW51703-031596	Zone 3 (305-315)		12:45	L	X								2	40-ml VOA's	-7
			12:45	L		X							2	40-ml VOA's w/HCl	-8
			12:45	L			X	X	X	X	X	X	1	1 Liter Poly	-9
BP-GW-08000070-031596	Santa Fe Dam #1		9:35	L	X								1	125 ml - Amber	-10
			9:35	L		X							3	40ml VOA's w/HCl	-11
			9:35	L			X	X	X	X	X	X	1	1L Poly	-12
BP-GW-MW51703N-031596	MW5-17		13:55	L									2	40-ml VOA's	-13
~~BP-GW-W10NCMW1-031596~~	~~NORAC WELL~~		13:55	L									1	1 Liter Poly	-14
BP-GW-W10NCMW1-031596	NORAC MW-1	3-15-96	10:15	L	X								1	125ml - amber	-15

Total Number of Containers: 29

❶ Relinquished by (signature)* Dean Tomchell	❷ Received by (signature)	Date 3/15/96
Company Camp Dresser & McKee	Company	Time
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature) [signature]	Date 3/15/96
Company	Laboratory Name TMA	Time 1440

Special Instructions
*Filter at Lab ASAP - 0.45 µm filter; **Extra Volume for Lab QC; CLP-like deliverables

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABO

Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800 377 2322
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Arizona Office
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Tel 602 437 9367 Fax 602.437.9362

TMA
Thermo Analytical

10 1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

April 12, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3212

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 3/18/96 were analyzed by Thermo Analytical for: Volatile Organic Compounds (VOC's) by EPA Method 8021, Metals by EPA 6000/7000 methods and various Wet Chemistry parameters.

The EPA Method 8021 samples taken on 3/18/96 were analyzed 3/21/96 - 3/22/96 which is within the allowable method holding time. The samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The Matrix Spike percent recovery for 1,1-Dichloroethane was outside the acceptable QC limits due to possible sample matrix interferences. Since the Matrix Spike Duplicate percent recovery, the relative percent difference and Laboratory Control Sample Spike percent recovery were all within acceptable QC limits, the data was reported as is.

Several continuing calibrations had compounds with percent differences outside the acceptable QC limits. Dibromomethane, Dibromochloromethane, Bromoform, 1,2-Dibromo-3-chloropropane and Naphthalene had percent differences outside the acceptable QC limits. However, the response factors for these compounds were greater than the initial calibration response factors. Since these compounds were not detected in any of the samples, the data was reported as is.

The Metals were analyzed 3/20/96 - 3/22/96. The matrix spike percent recoveries for Calcium and Sodium were outside the acceptable QC limits due to the high concentration found in the native sample. The post spike sample percent recoveries for Calcium and Sodium were outside the acceptable QC limits due to the high concentrations found in the native sample.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley
Program Manager

Enclosure

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/18/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03	Date Analyzed:	03/21/96
	Third Street, Irwindale, CA	Time Analyzed:	18:21
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50301-031896	Lab Sample ID:	L3212-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	1.5	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	2.9	
156-59-4	cis-1,2-Dichloroethene	2.6	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.64	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	4.1	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	6.0	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/18/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03	Date Analyzed:	03/21/96
	Third Street, Irwindale, CA	Time Analyzed:	18:21
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50301-031896	Lab Sample ID:	L3212-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.48	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.36	
95-47-6	o-Xylene	0.18	
100-42-5	Styrene	0.92	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.24	
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

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Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/18/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03	Date Analyzed:	03/21/96
	Third Street, Irwindale, CA	Time Analyzed:	19:03
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50302-031896	Lab Sample ID:	L3212-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.4	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	2.5	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	2.9	
156-59-4	cis-1,2-Dichloroethene	3.3	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	1.8	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	7.0	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	8.1	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman. Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/18/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03	Date Analyzed:	03/21/96
	Third Street, Irwindale, CA	Time Analyzed:	19:03
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50302-031896	Lab Sample ID:	L3212-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.32	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	1.1	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
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EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/18/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03	Date Analyzed:	03/21/96
	Third Street, Irwindale, CA	Time Analyzed:	19:44
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50303-031896	Lab Sample ID:	L3212-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	1.7	
71-55-6	1,1,1-Trichloroethane	0.38	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.90	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	1.5	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/18/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03	Date Analyzed:	03/21/96
	Third Street, Irwindale, CA	Time Analyzed:	19:44
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50303-031896	Lab Sample ID:	L3212-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.20	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.47	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/18/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03	Date Analyzed:	03/21/96
	Third Street, Irwindale, CA	Time Analyzed:	20:26
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50304-031896	Lab Sample ID:	L3212-11

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	4.9	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	3.5	
156-59-4	cis-1,2-Dichloroethene	3.9	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	1.2	
71-55-6	1,1,1-Trichloroethane	0.31	
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.32	
79-01-6	Trichloroethene	9.6	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	12	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/18/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03	Date Analyzed:	03/21/96
	Third Street, Irwindale, CA	Time Analyzed:	20:26
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50304-031896	Lab Sample ID:	L3212-11

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.21	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.72	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/18/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03	Date Analyzed:	03/22/96
	Third Street, Irwindale, CA	Time Analyzed:	17:40
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50305-031896	Lab Sample ID:	L3212-14

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	2.2	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.55	
156-59-4	cis-1,2-Dichloroethene	1.5	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.89	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	37	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	22	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/18/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03	Date Analyzed:	03/22/96
	Third Street, Irwindale, CA	Time Analyzed:	17:40
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50305-031896	Lab Sample ID:	L3212-14

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.17	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.46	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.24	
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/18/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/22/96
		Time Analyzed:	18:20
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50305N-031896	Lab Sample ID:	L3212-16

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/18/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03	Date Analyzed:	03/22/96
	Third Street, Irwindale, CA	Time Analyzed:	18:20
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	BP-GW-MW50305N-031896	Lab Sample ID:	L3212-16

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-03	Date Analyzed:	03/21/96
	Third Street, Irwindale, CA	Time Analyzed:	13:34
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/21 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-03	Date Analyzed:	03/21/96
	Third Street, Irwindale, CA	Time Analyzed:	13:34
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/21 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/22/96
		Time Analyzed:	13:36
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/22 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman. Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-03	Date Analyzed:	03/22/96
	Third Street, Irwindale, CA	Time Analyzed:	13:36
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/22 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.28	
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/21/96-03/22/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	106	98	113
CCV	102	103	110
Method Blank	96	86	113
L3212-2	94	97	112
L3212-5	96	93	112
L3212-8	98	103	112
L3212-11	93	104	104
LCS	95	102	106
MS	97	100	107
MSD	97	102	103
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/22/96-03/23/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	100	101	111
CCV	98	94	102
Method Blank	94	90	112
L3212-14 CONF.	101	101	112
L3212-16 CONF.	96	99	111
LCS	94	83	113
MS	92	95	100
MSD	93	94	105
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/22/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		
Matrix:	Liquid		
Client ID:	BP-GW-MW50304-031896	Lab Sample ID:	L3212-11

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC. #	QC LIMITS REC.
Benzene	20.0	0.00	21.2	106	74-121
Toluene	20.0	0.208	20.7	102	72-121
Ethylbenzene	20.0	0.00	21.3	107	72-117
o-Xylene	20.0	0.00	21.3	107	66-124
1,1-Dichloroethane	20.0	3.45	24.4	105	73-121
1,1,1-Trichloroethane	20.0	0.309	20.3	100	72-126
cis-1,3-Dichloropropene	20.0	0.00	20.4	102	58-124
Chlorobenzene	20.0	0.00	20.3	102	52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	20.9	105	1	0-10	74-121
Toluene	20.0	20.4	101	1	0-16	72-121
Ethylbenzene	20.0	21.0	105	2	0-14	72-117
o-Xylene	20.0	21.1	106	1	0-14	66-124
1,1-Dichloroethane	20.0	24.0	103	2	0-18	73-121
1,1,1-Trichloroethane	20.0	20.3	100	0	0-15	72-126
cis-1,3-Dichloropropene	20.0	20.8	104	2	0-22	58-124
Chlorobenzene	20.0	19.9	100	2	0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/23/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		
Matrix:	Liquid	Lab Sample ID:	L3219-11

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	0.385	21.4	105		74-121
Toluene	20.0	0.166	20.6	102		72-121
Ethylbenzene	20.0	0.00	21.2	106		72-117
o-Xylene	20.0	0.00	21.4	107		66-124
1,1-Dichloroethane	20.0	12.1	26.4	72	*	73-121
1,1,1-Trichloroethane	20.0	1.33	20.4	95		72-126
cis-1,3-Dichloropropene	20.0	0.00	19.9	100		58-124
Chlorobenzene	20.0	0.00	22.7	114		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	21.2	104		1		0-10	74-121
Toluene	20.0	20.3	101		1		0-16	72-121
Ethylbenzene	20.0	20.4	102		4		0-14	72-117
o-Xylene	20.0	20.7	104		3		0-14	66-124
1,1-Dichloroethane	20.0	26.6	73		1		0-18	73-121
1,1,1-Trichloroethane	20.0	19.6	91		4		0-15	72-126
cis-1,3-Dichloropropene	20.0	18.9	95		5		0-22	58-124
Chlorobenzene	20.0	21.3	107		6		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 1 out of 16 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/21/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	22.1	111	75-125
Toluene	20.0	21.4	107	75-125
Ethylbenzene	20.0	22.0	110	75-125
o-Xylene	20.0	22.1	111	75-125
1,1-Dichloroethane	20.0	22.0	110	75-125
1,1,1-Trichloroethane	20.0	20.8	104	75-125
cis-1,3-Dichloropropene	20.0	20.6	103	75-125
Chlorobenzene	20.0	22.2	111	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/04/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/22/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		
Matrix:	Liquid		
LCS Source:	Ultra Scientific		
Lab Sample ID:	LCS		

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	23.0	115	75-125
Toluene	20.0	22.3	112	75-125
Ethylbenzene	20.0	22.9	115	75-125
o-Xylene	20.0	22.9	115	75-125
1,1-Dichloroethane	20.0	20.3	102	75-125
1,1,1-Trichloroethane	20.0	19.1	96	75-125
cis-1,3-Dichloropropene	20.0	19.6	98	75-125
Chlorobenzene	20.0	18.5	93	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/04/96
		Lab P.N.:	L3212
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	3818	13
Chloromethane	9103	10	7973	12
Vinyl chloride	7475	9	7803	4
Bromomethane	4053	10	3877	4
Chloroethane	8231	9	8830	7
Trichlorofluoromethane	11964	9	12907	8
1,1-Dichloroethene	11045	9	12320	12
Methylene chloride	14825	12	15978	8
trans-1,2-Dichloroethene	11709	10	12949	11
1,1-Dichloroethane	11841	10	13277	12
cis-1,2-Dichloroethene	12091	9	13237	9
2,2-Dichloropropane	10669	12	10999	3
Bromochloromethane	8662	11	9573	11
Chloroform	15533	10	16925	9
1,1,1-Trichloroethane	14156	10	15377	9
Carbon tetrachloride	16313	9	17955	10
1,1-Dichloropropene	5579	14	6230	12
1,2-Dichloroethane	11607	9	12620	9
Trichloroethene	14474	8	16147	12
1,2-Dichloropropane	11206	8	12077	8
Dibromomethane	5500	11	6438	17*
Bromodichloromethane	11224	9	12315	10
2-Chloroethyl vinyl ether	5579	14	6230	12
cis-1,3-Dichloropropene	9669	9	10410	8
trans-1,3-Dichloropropene	8941	8	9713	9
1,1,2-Trichloroethane	11768	6	12998	10
Tetrachloroethene	13939	9	14843	6
1,3-Dichloropropane	9412	8	10449	11
Dibromochloromethane	7533	13	8855	18*
1,2-Dibromoethane	5371	8	6108	14
Chlorobenzene	5594	8	5924	6
1,1,1,2-Tetrachloroethane	13135	8	14270	9
Bromoform	5407	14	6661	23*
1,1,2,2-Tetrachloroethane	9429	10	10184	8
1,2,3-Trichloropropane	7711	10	8893	15
2-Chlorotoluene	4767	8	5137	8
4-Chlorotoluene	4825	7	5177	7
1,3-Dichlorobenzene	7645	8	8189	7
1,4-Dichlorobenzene	8104	8	8355	3
1,2-Dichlorobenzene	7800	7	7993	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/04/96
		Lab P.N.:	L3212
GC Column 1:	75M DB-VRX ID 0.45 mm, ELCD/PID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	3138	26*
1,2,4-Trichlorobenzene	8865	8	9120	3
Hexachlorobutadiene	12492	9	12874	3
1,2,3-Trichlorobenzene	8957	8	9151	2
Benzene	3199	5	3505	10
Toluene	3013	5	3210	7
Ethylbenzene	2654	5	2908	10
p,m-Xylenes	3095	3	3375	9
o-Xylene	2666	4	2924	10
Styrene	3501	3	3733	7
Isopropylbenzene	1967	7	2191	11
Bromobenzene	3251	3	3491	7
Propylbenzene	2841	13	3283	16
1,3,5-Trimethylbenzene	3661	3	3949	8
tert-Butylbenzene	2109	5	2265	7
1,2,4-Trimethylbenzene	2784	3	3004	8
sec-Butylbenzene	2178	3	2391	10
4-Isopropyltoluene	2137	4	2264	6
n-Butylbenzene	2350	2	2522	7
Naphthalene	2501	14	2996	20*

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/04/96
		Lab P.N.:	L3212
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4046	8
Chloromethane	9103	10	7952	13
Vinyl chloride	7475	9	7988	7
Bromomethane	4053	10	4249	5
Chloroethane	8231	9	8820	7
Trichlorofluoromethane	11964	9	12741	6
1,1-Dichloroethene	11045	9	11977	8
Methylene chloride	14825	12	14912	1
trans-1,2-Dichloroethene	11709	10	12386	6
1,1-Dichloroethane	11841	10	12392	5
cis-1,2-Dichloroethene	12091	9	12540	4
2,2-Dichloropropane	10669	12	11228	5
Bromochloromethane	8662	11	9038	4
Chloroform	15533	10	15894	2
1,1,1-Trichloroethane	14156	10	14125	0
Carbon tetrachloride	16313	9	17102	5
1,1-Dichloropropene	5579	14	6060	9
1,2-Dichloroethane	11607	9	11775	1
Trichloroethene	14474	8	14666	1
1,2-Dichloropropane	11206	8	11588	3
Dibromomethane	5500	11	6053	10
Bromodichloromethane	11224	9	11685	4
2-Chloroethyl vinyl ether	5579	14	6060	9
cis-1,3-Dichloropropene	9669	9	10381	7
trans-1,3-Dichloropropene	8941	8	9611	7
1,1,2-Trichloroethane	11768	6	12312	5
Tetrachloroethene	13939	9	14160	2
1,3-Dichloropropane	9412	8	9944	6
Dibromochloromethane	7533	13	8331	11
1,2-Dibromoethane	5371	8	5537	3
Chlorobenzene	5594	8	5656	1
1,1,1,2-Tetrachloroethane	13135	8	13699	4
Bromoform	5407	14	5742	6
1,1,2,2-Tetrachloroethane	9429	10	9426	0
1,2,3-Trichloropropane	7711	10	7537	2
2-Chlorotoluene	4767	8	5015	5
4-Chlorotoluene	4825	7	5056	5
1,3-Dichlorobenzene	7645	8	7917	4
1,4-Dichlorobenzene	8104	8	8248	2
1,2-Dichlorobenzene	7800	7	7979	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/04/96
		Lab P.N.:	L3212
GC Column 1:	75M DB-VRX ID 0.45 mm, ELCD/PID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2468	1
1,2,4-Trichlorobenzene	8865	8	8672	2
Hexachlorobutadiene	12492	9	12376	1
1,2,3-Trichlorobenzene	8957	8	8405	6
Benzene	3199	5	3566	11
Toluene	3013	5	3261	8
Ethylbenzene	2654	5	2962	12
p,m-Xylenes	3095	3	3446	11
o-Xylene	2666	4	2986	12
Styrene	3501	3	3833	9
Isopropylbenzene	1967	7	2225	13
Bromobenzene	3251	3	3576	10
Propylbenzene	2841	13	3019	6
1,3,5-Trimethylbenzene	3661	3	4041	10
tert-Butylbenzene	2109	5	2310	10
1,2,4-Trimethylbenzene	2784	3	3085	11
sec-Butylbenzene	2178	3	2422	11
4-Isopropyltoluene	2137	4	2323	9
n-Butylbenzene	2350	2	2587	10
Naphthalene	2501	14	2559	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/04/96
		Lab P.N.:	L3212
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4499	3
Chloromethane	9103	10	8063	11
Vinyl chloride	7475	9	8410	13
Bromomethane	4053	10	4454	10
Chloroethane	8231	9	8902	8
Trichlorofluoromethane	11964	9	12669	6
1,1-Dichloroethene	11045	9	11809	7
Methylene chloride	14825	12	14691	1
trans-1,2-Dichloroethene	11709	10	12577	7
1,1-Dichloroethane	11841	10	12788	8
cis-1,2-Dichloroethene	12091	9	12733	5
2,2-Dichloropropane	10669	12	11177	5
Bromochloromethane	8662	11	9263	7
Chloroform	15533	10	16138	4
1,1,1-Trichloroethane	14156	10	14722	4
Carbon tetrachloride	16313	9	17080	5
1,1-Dichloropropene	5579	14	6005	8
1,2-Dichloroethane	11607	9	12112	4
Trichloroethene	14474	8	14952	3
1,2-Dichloropropane	11206	8	11607	4
Dibromomethane	5500	11	6119	11
Bromodichloromethane	11224	9	11845	6
2-Chloroethyl vinyl ether	5579	14	6005	8
cis-1,3-Dichloropropene	9669	9	10549	9
trans-1,3-Dichloropropene	8941	8	9907	11
1,1,2-Trichloroethane	11768	6	12599	7
Tetrachloroethene	13939	9	14562	4
1,3-Dichloropropane	9412	8	10082	7
Dibromochloromethane	7533	13	8348	11
1,2-Dibromoethane	5371	8	5748	7
Chlorobenzene	5594	8	5861	5
1,1,1,2-Tetrachloroethane	13135	8	14235	8
Bromoform	5407	14	6109	13
1,1,2,2-Tetrachloroethane	9429	10	9979	6
1,2,3-Trichloropropane	7711	10	8059	5
2-Chlorotoluene	4767	8	5218	9
4-Chlorotoluene	4825	7	5267	9
1,3-Dichlorobenzene	7645	8	8353	9
1,4-Dichlorobenzene	8104	8	8665	7
1,2-Dichlorobenzene	7800	7	8391	8

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/04/96
		Lab P.N.:	L3212
GC Column 1:	75M DB-VRX ID 0.45 mm, ELCD/PID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2916	17*
1,2,4-Trichlorobenzene	8865	8	9590	8
Hexachlorobutadiene	12492	9	13401	7
1,2,3-Trichlorobenzene	8957	8	9601	7
Benzene	3199	5	3617	13
Toluene	3013	5	3285	9
Ethylbenzene	2654	5	2983	12
p,m-Xylenes	3095	3	3456	12
o-Xylene	2666	4	2996	12
Styrene	3501	3	3836	10
Isopropylbenzene	1967	7	2236	14
Bromobenzene	3251	3	3588	10
Propylbenzene	2841	13	2871	1
1,3,5-Trimethylbenzene	3661	3	4085	12
tert-Butylbenzene	2109	5	2296	9
1,2,4-Trimethylbenzene	2784	3	3098	11
sec-Butylbenzene	2178	3	2429	12
4-Isopropyltoluene	2137	4	2337	9
n-Butylbenzene	2350	2	2605	11
Naphthalene	2501	14	2844	14

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/04/96
		Lab P.N.:	L3212
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4002	9
Chloromethane	9103	10	7620	16
Vinyl chloride	7475	9	7748	4
Bromomethane	4053	10	4305	6
Chloroethane	8231	9	8727	6
Trichlorofluoromethane	11964	9	12826	7
1,1-Dichloroethene	11045	9	11886	8
Methylene chloride	14825	12	15068	2
trans-1,2-Dichloroethene	11709	10	12702	8
1,1-Dichloroethane	11841	10	12819	8
cis-1,2-Dichloroethene	12091	9	12802	6
2,2-Dichloropropane	10669	12	10335	3
Bromochloromethane	8662	11	9510	10
Chloroform	15533	10	16505	6
1,1,1-Trichloroethane	14156	10	14853	5
Carbon tetrachloride	16313	9	17429	7
1,1-Dichloropropene	5579	14	6154	10
1,2-Dichloroethane	11607	9	12403	7
Trichloroethene	14474	8	15291	6
1,2-Dichloropropane	11206	8	11512	3
Dibromomethane	5500	11	6318	15
Bromodichloromethane	11224	9	11858	6
2-Chloroethyl vinyl ether	5579	14	6154	10
cis-1,3-Dichloropropene	9669	9	10235	6
trans-1,3-Dichloropropene	8941	8	9574	7
1,1,2-Trichloroethane	11768	6	12883	9
Tetrachloroethene	13939	9	14845	6
1,3-Dichloropropane	9412	8	10449	11
Dibromochloromethane	7533	13	8626	15
1,2-Dibromoethane	5371	8	6113	14
Chlorobenzene	5594	8	6081	9
1,1,1,2-Tetrachloroethane	13135	8	14261	9
Bromoform	5407	14	6317	17*
1,1,2,2-Tetrachloroethane	9429	10	9988	6
1,2,3-Trichloropropane	7711	10	8584	11
2-Chlorotoluene	4767	8	5189	9
4-Chlorotoluene	4825	7	5239	9
1,3-Dichlorobenzene	7645	8	8188	7
1,4-Dichlorobenzene	8104	8	8483	5
1,2-Dichlorobenzene	7800	7	8352	7

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/04/96
		Lab P.N.:	L3212
GC Column 1:	75M DB-VRX ID 0.45 mm, ELCD/PID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	3100	24*
1,2,4-Trichlorobenzene	8865	8	9559	8
Hexachlorobutadiene	12492	9	13247	6
1,2,3-Trichlorobenzene	8957	8	9484	6
Benzene	3199	5	3519	10
Toluene	3013	5	3224	7
Ethylbenzene	2654	5	2930	10
p,m-Xylenes	3095	3	3393	10
o-Xylene	2666	4	2947	11
Styrene	3501	3	3775	8
Isopropylbenzene	1967	7	2203	12
Bromobenzene	3251	3	3548	9
Propylbenzene	2841	13	2985	5
1,3,5-Trimethylbenzene	3661	3	3998	9
tert-Butylbenzene	2109	5	2279	8
1,2,4-Trimethylbenzene	2784	3	3035	9
sec-Butylbenzene	2178	3	2401	10
4-Isopropyltoluene	2137	4	2277	7
n-Butylbenzene	2350	2	2525	7
Naphthalene	2501	14	2890	16*

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/04/96
		Lab P.N.:	L3212
GC Column 1:	J&W DB-VRX, 75m, 0.45mmID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/23/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4495	3
Chloromethane	9103	10	7822	14
Vinyl chloride	7475	9	8001	7
Bromomethane	4053	10	4287	6
Chloroethane	8231	9	8670	5
Trichlorofluoromethane	11964	9	12758	7
1,1-Dichloroethene	11045	9	11809	7
Methylene chloride	14825	12	15149	2
trans-1,2-Dichloroethene	11709	10	12491	7
1,1-Dichloroethane	11841	10	12625	7
cis-1,2-Dichloroethene	12091	9	12702	5
2,2-Dichloropropane	10669	12	10173	5
Bromochloromethane	8662	11	9099	5
Chloroform	15533	10	16074	3
1,1,1-Trichloroethane	14156	10	14442	2
Carbon tetrachloride	16313	9	17043	4
1,1-Dichloropropene	5579	14	6068	9
1,2-Dichloroethane	11607	9	11862	2
Trichloroethene	14474	8	14677	1
1,2-Dichloropropane	11206	8	11299	1
Dibromomethane	5500	11	5995	9
Bromodichloromethane	11224	9	11633	4
2-Chloroethyl vinyl ether	5579	14	6068	9
cis-1,3-Dichloropropene	9669	9	9682	0
trans-1,3-Dichloropropene	8941	8	8899	0
1,1,2-Trichloroethane	11768	6	12128	3
Tetrachloroethene	13939	9	14005	0
1,3-Dichloropropane	9412	8	9640	2
Dibromochloromethane	7533	13	8184	9
1,2-Dibromoethane	5371	8	5492	2
Chlorobenzene	5594	8	5797	4
1,1,1,2-Tetrachloroethane	13135	8	13678	4
Bromoform	5407	14	5846	8
1,1,2,2-Tetrachloroethane	9429	10	9093	4
1,2,3-Trichloropropane	7711	10	7465	3
2-Chlorotoluene	4767	8	4950	4
4-Chlorotoluene	4825	7	4943	2
1,3-Dichlorobenzene	7645	8	7912	3
1,4-Dichlorobenzene	8104	8	8285	2
1,2-Dichlorobenzene	7800	7	8065	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/04/96
		Lab P.N.:	L3212
GC Column 1:	75M DB-VRX ID 0.45 mm, ELCD/PID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/23/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2657	7
1,2,4-Trichlorobenzene	8865	8	8824	0
Hexachlorobutadiene	12492	9	12323	1
1,2,3-Trichlorobenzene	8957	8	8855	1
Benzene	3199	5	3512	10
Toluene	3013	5	3229	7
Ethylbenzene	2654	5	2901	9
p,m-Xylenes	3095	3	3365	9
o-Xylene	2666	4	2926	10
Styrene	3501	3	3722	6
Isopropylbenzene	1967	7	2191	11
Bromobenzene	3251	3	3499	8
Propylbenzene	2841	13	2805	1
1,3,5-Trimethylbenzene	3661	3	3943	8
tert-Butylbenzene	2109	5	2237	6
1,2,4-Trimethylbenzene	2784	3	2999	8
sec-Butylbenzene	2178	3	2363	8
4-Isopropyltoluene	2137	4	2243	5
n-Butylbenzene	2350	2	2475	5
Naphthalene	2501	14	2744	10

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/18/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50301-031896	Lab Sample ID:	L3212-3

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0458	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.0777	
Iron	Iron	6010	0.0267	
Lead	Lead	7421	0.000740	
Manganese	Manganese	6010	0.105	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0130	
Calcium	Calcium	6010	20.9	
Magnesium	Magnesium	6010	5.44	
Potassium	Potassium	6010	5.70	
Sodium	Sodium	6010	126	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/18/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50302-031896	Lab Sample ID:	L3212-6

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0306	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00704	
Iron	Iron	6010	0.0764	
Lead	Lead	7421	0.000690	
Manganese	Manganese	6010	0.0490	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	14.5	
Magnesium	Magnesium	6010	4.04	
Potassium	Potassium	6010	5.55	
Sodium	Sodium	6010	148	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/18/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50303-031896	Lab Sample ID:	L3212-9

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.0114	
Barium	Barium	6010	0.0132	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00397	
Iron	Iron	6010	0.0283	
Lead	Lead	7421	0.000890	
Manganese	Manganese	6010	0.00995	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	8.15	
Magnesium	Magnesium	6010	2.24	
Potassium	Potassium	6010	4.89	
Sodium	Sodium	6010	102	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/18/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50304-031896	Lab Sample ID:	L3212-12

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0337	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00413	
Iron	Iron	6010	0.0244	
Lead	Lead	7421	0.000660	
Manganese	Manganese	6010	0.0764	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00294	
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	19.6	
Magnesium	Magnesium	6010	5.53	
Potassium	Potassium	6010	5.92	
Sodium	Sodium	6010	142	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/18/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50305-031896	Lab Sample ID:	L3212-15

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0907	
Arsenic	Arsenic	7060	0.00611	
Barium	Barium	6010	0.0225	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00295	
Copper	Copper	6010	0.00629	
Iron	Iron	6010	0.1220	
Lead	Lead	7421	0.000810	
Manganese	Manganese	6010	0.00540	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0216	
Calcium	Calcium	6010	11.8	
Magnesium	Magnesium	6010	6.10	
Potassium	Potassium	6010	5.58	
Sodium	Sodium	6010	89.6	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/18/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/18/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/20/96-03/22/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50305N-031896	Lab Sample ID:	L3212-17

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.00188	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00595	
Iron	Iron	6010	0.0228	
Lead	Lead	7421	0.000960	
Manganese	Manganese	6010	0.00200	U
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	0.0582	
Magnesium	Magnesium	6010	0.209	
Potassium	Potassium	6010	0.358	U
Sodium	Sodium	6010	0.748	

Comments:

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-03
Third Street, Irwindale, CA

Report Date: 04/03/96
Lab P.N.: L3212
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum	2.50	2.50	100	1.00	1.05	105	1.05	105	6010
Arsenic	0.0250	0.0270	108	0.0250	0.0246	98	0.0257	103	7060
Barium	2.50	2.54	102	1.00	1.02	102	1.03	103	6010
Cadmium	1.25	1.27	102	2.50	2.52	101	2.60	104	6010
Chromium	2.50	2.54	102	2.50	2.54	101	2.50	100	6010
Copper	2.50	2.48	99	2.50	2.52	100	2.46	98	6010
Iron	2.50	2.53	101	2.50	2.53	102	2.46	99	6010
Lead	0.0250	0.0255	102	0.0250	0.0252	101	0.0256	102	7421
Manganese	2.50	2.57	102	2.50	2.57	103	2.51	101	6010
Nickel	2.50	2.60	104	2.50	2.67	106	2.75	110	6010
Zinc	2.50	2.54	101	2.50	2.53	101	2.58	103	6010
Mercury	0.00500	0.00475	95	0.00300	0.00285	95	0.00295	98	7470
Calcium	25.0	25.0	100	2.50	2.55	102	2.56	103	6010
Magnesium	25.0	25.9	103	2.50	2.51	101	2.46	99	6010
Potassium	25.0	25.1	100	10.0	9.98	100	10.1	101	6010
Sodium	25.0	25.1	102	1.00	1.03	103	1.03	103	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		
Concentration:	mg/l		

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				1.00	1.00	100	0.99	99	6010
Arsenic				0.0250	0.0254	102	0.0246	98	7060
Barium				1.00	1.00	100	1.00	100	6010
Cadmium				2.50	2.64	106	2.68	108	6010
Chromium				2.50	2.46	98	2.46	98	6010
Copper				2.50	2.40	96	2.38	94	6010
Iron				2.50	2.34	94	2.36	95	6010
Lead				0.0250	0.0255	102	0.0258	103	7421
Manganese				2.50	2.45	98	2.46	99	6010
Nickel				2.50	2.72	108	2.68	107	6010
Zinc				2.50	2.58	103	2.58	103	6010
Mercury				0.00300	0.00303	101	0.00288	96	7470
Calcium				2.50	2.53	101	2.53	101	6010
Magnesium				2.50	2.39	96	2.38	96	6010
Potassium				10.0	9.74	99	9.33	93	6010
Sodium				1.00	1.02	102	0.99	99	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-03
Third Street, Irwindale, CA

Report Date: 04/03/96
Lab P.N.: L3212
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				1.00	1.00	100	0.99	99	6010
Arsenic									
Barium				1.00	1.02	102	1.01	101	6010
Cadmium				2.50	2.69	108	2.71	109	6010
Chromium				2.50	2.52	101	2.56	102	6010
Copper				2.50	2.41	96	2.43	96	6010
Iron				2.50	2.44	98	2.49	100	6010
Lead									
Manganese				2.50	2.55	102	2.60	104	6010
Nickel				2.50	2.72	109	2.71	108	6010
Zinc				2.50	2.60	104	2.63	105	6010
Mercury									
Calcium				2.50	2.59	104	2.63	105	6010
Magnesium				2.50	2.44	98	2.46	99	6010
Potassium	25.0	26.1	104	10.0	10.1	101	10.2	102	6010
Sodium				1.00	1.00	100	0.96	96	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		
Concentration:	mg/l		

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum									
Arsenic									
Barium									
Cadmium									
Chromium									
Copper									
Iron									
Lead									
Manganese									
Nickel									
Zinc									
Mercury									
Calcium									
Magnesium									
Potassium				10.0	9.91	99			6010
Sodium									

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		

Matrix: Liquid
Date Analyzed: 03/20/96-03/22/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum	0.0437	U	0.0437	U	0.0437	U	0.0437	U	0.0437	U	6010
Arsenic	0.00299	U	0.00299	U	0.00299	U	0.00299	U	0.00299	U	7060
Barium	0.00134	U	0.00134	U	0.00134	U	0.00134	U	0.00241		6010
Cadmium	0.00170	U	0.00170	U	0.00170	U	0.00170	U	0.00170	U	6010
Chromium	0.00180	U	0.00180	U	0.00180	U	0.00180	U	0.00180	U	6010
Copper	0.00270	U	0.00270	U	0.00270	U	0.00270	U	0.00637		6010
Iron	0.0225	U	0.0225	U	0.0225	U	0.0225	U	0.0225	U	6010
Lead	0.000636	U	0.000636	U	0.000636	U	0.000636	U	0.00077		7421
Manganese	0.00200	U	0.00200	U	0.00200	U	0.00200	U	0.00200	U	6010
Mercury	0.000173	U	0.000173	U	0.000173	U	0.000173	U	0.000173	U	7470
Nickel	0.00470	U	0.00470	U	0.00470	U	0.00470	U	0.00470	U	6010
Zinc	0.0175	U	0.0175	U	0.0175	U	0.0175	U	0.0175	U	6010
Calcium	0.102	U	0.102	U	0.102	U	0.102	U	0.301		6010
Magnesium	0.0379	U	0.0379	U	0.0379	U	0.0379	U	0.120		6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium	0.108	U	0.108	U	0.108	U	0.108	U	0.232		6010

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METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		

Matrix: Liquid
Date Analyzed: 03/20/96-03/22/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum			0.0437	U	0.0437	U	0.0437	U			6010
Arsenic			0.00299	U	0.00299	U	0.00299	U			7060
Barium			0.00134	U	0.00134	U	0.00134	U			6010
Cadmium			0.00170	U	0.00170	U	0.00170	U			6010
Chromium			0.00180	U	0.00180	U	0.00180	U			6010
Copper			0.00270	U	0.00270	U	0.00270	U			6010
Iron			0.0225	U	0.0225	U	0.0225	U			6010
Lead			0.000636	U	0.000636	U	0.000636	U			7421
Manganese			0.00200	U	0.00200	U	0.00200	U			6010
Mercury			0.000173	U	0.000173	U	0.000173	U			7470
Nickel			0.00489		0.00470	U	0.00470	U			6010
Zinc			0.0175	U	0.0175	U	0.0175	U			6010
Calcium			0.102	U	0.102	U	0.102	U			6010
Magnesium			0.0379	U	0.0379	U	0.0379	U			6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium			0.108	U	0.108	U	0.108	U			6010

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ICP INTERFERENCE CHECK SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-03
Third Street, Irwindale, CA
Concentration Unit: mg/l

Report Date: 04/03/96
Lab P.N.: L3212
Client P.N.: 2581-112-T4-SAMP

Analyte	Initial True Sol. AB	Initial Found Sol. AB	Initial %R	Final True Sol. AB	Final Found Sol. AB	Final %R
Aluminum	500	486	97	500	480	96
Barium	0.500	0.470	94	0.500	0.471	94
Cadmium	1.00	1.00	100	1.00	1.04	104
Chromium	0.500	0.487	98	0.500	0.476	95
Copper	0.500	0.470	94	0.500	0.455	91
Iron	200	172	86	200	165	82
Manganese	0.500	0.429	86	0.500	0.413	83
Nickel	1.00	0.943	94	1.00	0.973	98
Zinc	1.00	1.01	101	1.00	1.03	103
Calcium	500	470	94	500	475	95
Magnesium	500	486	97	500	478	96

%R control limits = 80 - 120 %.

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METALS SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-03
Third Street, Irwindale, CA

Report Date: 04/03/96
Lab P.N.: L3212
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3212-12
Client Sample ID: BP-GW-MW50304-031896
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/20/96	2.00	0.000	1.85	93	6010
Arsenic	03/20/96	0.0400	0.000	0.0426	106	7060
Barium	03/20/96	2.00	0.0337	1.92	94	6010
Cadmium	03/20/96	2.00	0.000	1.88	94	6010
Chromium	03/20/96	2.00	0.000	1.82	91	6010
Copper	03/20/96	2.00	0.00413	1.81	90	6010
Iron	03/20/96	2.00	0.0244	1.79	88	6010
Lead	03/20/96	0.0120	0.000660	0.0122	96	7421
Manganese	03/20/96	2.00	0.0764	1.92	92	6010
Nickel	03/20/96	2.00	0.00294	1.90	95	6010
Zinc	03/20/96	2.00	0.000	1.86	93	6010
Mercury	03/20/96	0.00200	0.000	0.0019	95	7470
Calcium	03/20/96	2.00	19.6	22.2	132*	6010
Magnesium	03/20/96	2.00	5.53	7.57	102	6010
Potassium	03/22/96	20.0	5.92	26.1	101	6010
Sodium	03/20/96	2.00	142	150	354*	6010

Column used to flag recovery values with an asterisk
*Value outside of control limits
Spike Recovery: 2 out of 16 outside limits.

Conc Spk = Concentration of Spike in Sample
%MS = Percent Recovery of MS
Control limits for Spike Samples are 75-125%.

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METALS POST SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-03
Third Street, Irwindale, CA

Report Date: 04/03/96
Lab P.N.: L3212
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3212-12
Client Sample ID: BP-GW-MW50304-031896
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/20/96	5.00	0.000	4.82	96	6010
Arsenic	03/20/96	0.100	0.000	0.1121	112	7060
Barium	03/20/96	5.00	0.0337	4.88	97	6010
Cadmium	03/20/96	5.00	0.000	5.34	107	6010
Chromium	03/20/96	5.00	0.000	4.98	100	6010
Copper	03/20/96	5.00	0.00413	4.75	95	6010
Iron	03/20/96	5.00	0.0244	4.85	97	6010
Lead	03/20/96	0.1000	0.000660	0.103	102	7421
Manganese	03/20/96	5.00	0.0764	5.12	101	6010
Nickel	03/20/96	5.00	0.00294	5.34	107	6010
Zinc	03/20/96	5.00	0.000	5.22	104	6010
Calcium	03/20/96	5.00	19.6	27.4	156*	6010
Magnesium	03/20/96	5.00	5.53	11.0	109	6010
Potassium	03/22/96	50.0	5.92	56.4	101	6010
Sodium	03/20/96	5.00	142	156	280*	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 2 out of 15 outside limits.

Conc Spk = Concentration of Spike in Sample.
%MS = Percent Recovery of MS.
Control limits for Post Digest Spike Samples are 75-125%.

TMA
Thermo Analytical

METALS DUPLICATES

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-03
Third Street, Irwindale, CA

Report Date: 04/03/96
Lab P.N.: L3212
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3212-12
Client Sample ID: BP-GW-MW50304-031896

Concentration Units: mg/l

Metal	Date Analyzed	Sample Result	Duplicate Result	RPD	Method
Barium	03/20/96	0.0337	0.0344	2	6010
Manganese	03/20/96	0.0764	0.0776	2	6010
Calcium	03/20/96	19.6	19.7	0	6010
Magnesium	03/20/96	5.53	5.63	2	6010
Potassium	03/22/96	5.92	6.78	14	6010
Sodium	03/20/96	142	145	2	6010

*Value outside control limits

Control limits equal 0-20% if sample and duplicate concentrations >/= 5x MDL.
If both sample and duplicate concentrations are < MDL, then no control limt exists.

0 out of 4 outside limits

Comments: _____

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METALS LABORATORY CONTROL SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-03
Third Street, Irwindale, CA

Report Date: 04/03/96
Lab P.N.: L3212
Client P.N.: 2581-112-T4-SAMP

LCS Source: CR1-CRA-3 (Inorganic Ventures Lot #J-MEB25058) & QC-7(SPEX Lot #8-92AS)
QC-19(SPEX Lot #8-67AS), HG stock Std. (SPEX Lot #7-147AS)

Concentration: mg/l

Metal	Date	LCS True Conc.	Result	%RC	Method
Aluminum	03/20/96	2.00	1.84	92	6010
Arsenic	03/20/96	0.0400	0.0408	102	7060
Barium	03/20/96	2.00	1.94	97	6010
Cadmium	03/20/96	2.00	1.86	93	6010
Chromium	03/20/96	2.00	1.79	90	6010
Copper	03/20/96	2.00	1.84	92	6010
Iron	03/20/96	2.00	1.74	87	6010
Lead	03/20/96	0.0120	0.0130	108	7421
Manganese	03/20/96	2.00	1.78	89	6010
Mercury	03/20/96	0.00200	0.00185	92	7470
Nickel	03/20/96	2.00	1.96	98	6010
Zinc	03/20/96	2.00	1.85	92	6010
Calcium	03/20/96	2.00	2.15	107	6010
Magnesium	03/20/96	2.00	1.89	94	6010
Potassium	03/22/96	20.0	18.6	93	6010
Sodium	03/20/96	2.00	2.20	110	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 0 out of 16 outside limits.
Control Limits for Laboratory Control Check Sample are 80-120%.

TMA
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ICP SERIAL DILUTIONS

Lab:	Thermo Analytical	Report Date:	04/03/96
Client:	CDM, Inc.	Lab P.N.:	L3212
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		

Matrix:	Liquid
Concentration Unit:	mg/l
Client ID:	BP-GW-MW50304-031896
Lab ID:	L3212-12

Metal	Initial Sample Result	Serial Dilution Result	% DIFF	Method
Calcium	19.6	21.8	11	6010
Magnesium	5.53	6.17	12	6010
Potassium	5.92	6.12	3	6010
Sodium	142	152	7	6010

%DIFF = % Difference
Series dilution (1:4 with blank water) must be performed for each batch of samples using one representative sample.
%DIFF = [(Sample Result - Series Dilution Result)/Sample Result] X 100

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1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274

Formerly Terra Tech Labs

LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	4/4/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3212
		Client P.N.:	2581-112-T4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/18/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Received:	3/18/96
		Date Analyzed:	3/19/96-3/22/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Alkalinity (EPA 310.1)	M	87	-	80-120	-	-
Chloride (EPA 300.0)	M	81	82	80-120	1	0-20
Nitrate-N (EPA 300.0)	M	100	101	80-120	1	0-20
Nitrite-N (EPA 300.0)	M	92	94	80-120	2	0-20
Sulfate (EPA 300.0)	M	93	97	80-120	4	0-20

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/4/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3212
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/18/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	3/19/96-3/21/96
		Physical State:	Liquid

Client Sample ID	Alkalinity Bicarbonate EPA 310.1 mg/l	Alkalinity Carbonate EPA 310.1 mg/l	Total Dissolved Solids EPA 160.1 mg/l	Total Suspended Solids EPA 160.2 mg/l
BP-GW-MW50301-031896	320	ND	470	10
BP-GW-MW50302-031896	300	4.0	550	10
BP-GW-MW50303-031896	160	20	370	ND
BP-GW-MW50304-031896	310	ND	500	ND
BP-GW-MW50305-031896	160	15	520	ND
BP-GW-MW50305N-031896	3.4	ND	360	ND
Quantitation Limits mg/l	1.0	1.0	12	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
Thermo Analytical

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/4/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3212
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/18/96
Project Address:	MW5-03	Date Analyzed:	3/19/96-3/22/96
	Third Street, Irwindale, CA	Physical State:	Liquid

Client Sample ID	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l	Hardness EPA 130.2 mg/l
BP-GW-MW50301-031896	ND	ND	87
BP-GW-MW50302-031896	ND	ND	63
BP-GW-MW50303-031896	ND	ND	32
BP-GW-MW50304-031896	ND	ND	91
BP-GW-MW50305-031896	ND	ND	67
BP-GW-MW50305N-031896	ND	ND	3.9
Quantitation Limits mg/l	0.25	0.25	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
Thermo Analytical

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/4/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3212
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/18/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	3/19/96-3/22/96
		Physical State:	Liquid

Client Sample ID	Sulfate EPA 300.0 mg/l	Quantitation Limits mg/l
BP-GW-MW50301-031896	31	1.0
BP-GW-MW50302-031896	40	5.0
BP-GW-MW50303-031896	58	2.0
BP-GW-MW50304-031896	49	10
BP-GW-MW50305-031896	46	5.0
BP-GW-MW50305N-031896	ND	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
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LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/4/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3212
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU - Quarterly Sampling	Date Sampled:	3/18/96
Project Address:	MW5-03	Date Analyzed:	3/19/96-3/22/96
	Third Street, Irwindale, CA	Physical State:	Liquid

Client Sample ID	Chloride EPA 300.0 mg/l	Quantitation Limits mg/l
BP-GW-MW50301-031896	39	1.3
BP-GW-MW50302-031896	44	1.3
BP-GW-MW50303-031896	18	0.50
BP-GW-MW50304-031896	53	2.5
BP-GW-MW50305-031896	26	1.3
BP-GW-MW50305N-031896	ND	0.25

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 3/25/96

RECEIVED: 3/19/96

LABORATORY NO. 87079

SAMPLE: Water/5

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-MW50301	63	+/- 15
BP-GW-MW50302	42	+/- 14
BP-GW-MW50303	64	+/- 14
BP-GW-MW50304	44	+/- 13
BP-GW-MW50305	46	+/- 13

Date Analyzed: 3/19/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

CHAIN-OF-CUSTODY RECORD

Client	CDM
Date	03-18-96
Project Name	BPOU - Quarterly Sampling
Client Reference #	2581-112-T4-SAMP
Project Address	MW5-03 Third St., Irwindale
Project Contact (please print)	S. Rowe / B. Wells

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Analysis Requested All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Page 1 of 2

Lab Use Only
Lab Job # L3212
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☒ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon - Draft 913	VOCs - EPA 8021	*Metals (Al, As, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Ni, Zn, Hg) - 6010/7000	*Cations (Ca, Mg, K, Na) 6010	TDS/TSS 160.1/160.2	Anions (Cl, SO4, NO3, NO2) 300.0	Alkal. (CO3, HCO3) - 2320	Hardness - 130.2	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-MW50301-031896	Zone 1 (1150-1160)	03-18-96	1020	L	X								2	40ml VOAs	L3212 -1
↓		↓	↓	L		X							2	40ml VOAs w/HCl	-2
↓		↓	↓	L			X	X	X	X	X	X	1	1l poly	-3
BP-GW-MW50302-031896	Zone 2 (1015-1025)	↓	1150	L	X								2	40ml VOAs	-4
↓		↓	↓	L		X							2	40ml VOAs w/HCl	-5
↓		↓	↓	L			X	X	X	X	X	X	1	1l poly	-6
BP-GW-MW50303-031896	Zone 3 (920-930)	↓	1320	L	X								2	40ml VOAs	-7
↓		↓	↓	L		X							2	40ml VOAs w/HCl	-8
↓		↓	↓	L			X	X	X	X	X	X	1	1l poly	-9
BP-GW-MW50304-031896	Zone 4 (810-820)	↓	1445	L	X								2	40ml VOAs	-10
↓		↓	1445	L		X							4 2 BW	40ml VOAs w/HCl **	-11
↓		↓	1530	L			X	X	X	X	X	X	2	1l poly **	-12
BP-GW-MW50305-031896	Zone 5 (670-680)	↓	1630	L	X								2	40ml VOAs	-13
↓		↓	↓	L		X							2	40ml VOAs w/HCl	-14
↓		↓	↓	L			X	X	X	X	X	X	1	1l poly	-15
													28	Total Number of Containers	

❶ Relinquished by (signature)* Barbara Wells	❷ Received by (signature)	Date 03-18-96
Company CDM	Company	Time 1800
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature) Don Binley	Date 3/18/96
Company	Laboratory Name TMA	Time 1800

Special Instructions
CLP-like deliverables
* Filter at lab ASAP - 0.45 µM filter ** Extra volume for lab QC

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS
Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800 377.2322
Fax 714.757.7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602 437.9367 Fax 602.437.9362

CHAIN-OF-CUSTODY RECORD

Client: CDM

Date: 03-18-96

Project Name: BPOU - Quarterly Sampling

Client Reference #: 2581-112-T4-SAMP

Project Address: MW5-03 Third St.

Irwindale, CA

Project Contact (please print): S. Rowe / B. Wells

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Page 2 of 2

Lab Use Only
Lab Job # L3212
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☒ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	VOCs - EPA 8021	*Metals	*Cations	TDS/TSS	Anions	Alkalinity	Hardness		Number of Containers	Container/Comments	Lab Sample Number
BP-GW-MW50305N-031896	zone 5	03-18-96	1645	L	X								2	40 ml VOAs w/ HCl	L3212-16
↓		↓	1645	L		X	X	X	X	X	X		1	1 l poly	↓ -17

(see Page 1)

❶ Relinquished by (signature)*	❷ Received by (signature)	Date	Total Number of Containers
Barbara Wells		03-18-96	3/31 total
Company: CDM	Company:	Time: 1800	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature): [signature]	Date: 3/18/96	
Company:	Laboratory Name: TMA	Time: 1800	

Special Instructions
* lab filter ASAP - 0.45 um filter CLP-like deliverables

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800 377 2322
Fax 714.757.7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602 437.9367 Fax 602.437.9362

TMA
Thermo Analytical

1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274

Formerly Terra Tech Labs

April 17, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3219

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 3/19/96 were analyzed by Thermo Analytical for: Volatile Organic Compounds (VOC's) by EPA Method 8021, Metals by EPA 6000/7000 methods and various Wet Chemistry parameters.

The EPA Method 8021 samples taken on 3/19/96 were analyzed 3/22/96 - 3/25/96 which is within the allowable method holding time. The samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The Matrix Spike percent recoveries for 1,1-Dichloroethane were outside the acceptable QC limits due to possible sample matrix interferences. Since the Matrix Spike Duplicate percent recoveries, the relative percent differences and Laboratory Control Sample Spike percent recoveries were all within acceptable QC limits, the data was reported as is.

Several continuing calibrations had compounds with percent differences outside the acceptable QC limits. Dichlorodifluoromethane and Chloromethane had percent differences outside the acceptable QC limits for the 3/22/96 beginning continuing calibration. Due to the fact that the response factors were less than the initial calibration response factors, an additional continuing calibration was analyzed prior to the samples. The two compounds had percent differences within the acceptable QC limits. 1,1-Dichloropropene, Dibromomethane, 2-Chloroethyl vinyl ether, Dibromochloromethane, Bromoform, 1,2-Dibromo-3-chloropropane, Ethylbenzene, Isopropylbenzene and sec-Butylbenzene had percent differences outside the acceptable QC limits. However, the response factors for these compounds were greater than the initial calibration response factors. Since these compounds were not detected in any of the samples, the data was reported as is.

The Metals were analyzed 3/25/96 - 3/26/96. The matrix spike percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample. The post spike sample percent recoveries for Calcium, Magnesium and Sodium were outside the acceptable QC limits due to the high concentrations found in the native sample.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley
Program Manager

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/19/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03	Date Analyzed:	03/22/96-03/25/96
	Third Street, Irwindale, CA	Time Analyzed:	19:02
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50306-031996	Lab Sample ID:	L3219-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	4.2	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	22	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	4.0	
71-55-6	1,1,1-Trichloroethane	0.66	
56-23-5	Carbon tetrachloride	2.2	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	1.4	
79-01-6	Trichloroethene	830	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	680	D
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 100, analyzed on 03/25/96.
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/19/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03	Date Analyzed:	03/22/96-03/25/96
	Third Street, Irwindale, CA	Time Analyzed:	19:02
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50306-031996	Lab Sample ID:	L3219-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.21	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.15	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/19/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/22/96-03/25/96
		Time Analyzed:	19:44
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50307-031996	Lab Sample ID:	L3219-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	12	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.90	
156-59-4	cis-1,2-Dichloroethene	31	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	21	
71-55-6	1,1,1-Trichloroethane	2.0	
56-23-5	Carbon tetrachloride	4.6	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	6.0	
79-01-6	Trichloroethene	1,100	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	730	D
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 100, analyzed on 03/25/96.
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/19/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03	Date Analyzed:	03/22/96-03/25/96
	Third Street, Irwindale, CA	Time Analyzed:	19:44
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50307-031996	Lab Sample ID:	L3219-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.17	
108-88-3	Toluene	0.19	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.18	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/19/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03	Date Analyzed:	03/22/96-03/25/96
	Third Street, Irwindale, CA	Time Analyzed:	20:26
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50308-031996	Lab Sample ID:	L3219-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	90	D
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	4.8	
156-59-4	cis-1,2-Dichloroethene	12	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	11	
71-55-6	1,1,1-Trichloroethane	16	
56-23-5	Carbon tetrachloride	1.7	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	3.2	
79-01-6	Trichloroethene	200	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	91	D
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 50, analyzed on 03/25/96.
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/19/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03	Date Analyzed:	03/22/96-03/25/96
	Third Street, Irwindale, CA	Time Analyzed:	20:26
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50308-031996	Lab Sample ID:	L3219-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.12	
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/19/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/22/96
		Time Analyzed:	21:08
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50309-031996	Lab Sample ID:	L3219-11

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	2.2	
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.33	
75-35-4	1,1-Dichloroethene	32	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	12	
156-59-4	cis-1,2-Dichloroethene	20	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.89	
71-55-6	1,1,1-Trichloroethane	1.3	
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	26	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	16	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	3.1	
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/19/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03	Date Analyzed:	03/22/96
	Third Street, Irwindale, CA	Time Analyzed:	21:08
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50309-031996	Lab Sample ID:	L3219-11

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	17	
95-50-1	1,2-Dichlorobenzene	2.2	
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.39	
108-88-3	Toluene	0.17	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.16	
98-82-8	Isopropylbenzene	0.13	
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.68	
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.45	

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/19/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/22/96-03/25/96
		Time Analyzed:	21:50
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50310-031996	Lab Sample ID:	L3219-14

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.40	
75-35-4	1,1-Dichloroethene	29	D
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	18	
156-59-4	cis-1,2-Dichloroethene	31	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	2.7	
71-55-6	1,1,1-Trichloroethane	1.8	
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.55	
79-01-6	Trichloroethene	41	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	22	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 5, analyzed on 03/25/96.
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/19/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/22/96-03/25/96
		Time Analyzed:	21:50
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50310-031996	Lab Sample ID:	L3219-14

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/19/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03	Date Analyzed:	03/22/96-03/25/96
	Third Street, Irwindale, CA	Time Analyzed:	22:31
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50310K-031996	Lab Sample ID:	L3219-17

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.45	
75-35-4	1,1-Dichloroethene	35	D
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	19	
156-59-4	cis-1,2-Dichloroethene	34	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	3.1	
71-55-6	1,1,1-Trichloroethane	1.9	
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.58	
79-01-6	Trichloroethene	42	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	24	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 5, analyzed on 03/25/96
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/19/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/22/96-03/25/96
		Time Analyzed:	22:31
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50310K-031996	Lab Sample ID:	L3219-17

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2531-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/19/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03	Date Analyzed:	03/25/96
	Third Street, Irwindale, CA	Time Analyzed:	16:47
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50310N-031996	Lab Sample ID:	L3219-19

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/19/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03	Date Analyzed:	03/25/96
	Third Street, Irwindale, CA	Time Analyzed:	16:47
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50310N-031996	Lab Sample ID:	L3219-19

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.26	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/22/96
		Time Analyzed:	13:36
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Bank	Lab Sample ID:	03/22 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-03	Date Analyzed:	03/22/96
	Third Street, Irwindale, CA	Time Analyzed:	13:36
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Bank	Lab Sample ID:	03/22 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/25/96
		Time Analyzed:	15:25
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Bank	Lab Sample ID:	03/25 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-03	Date Analyzed:	03/25/96
	Third Street, Irwindale, CA	Time Analyzed:	15:25
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Bank	Lab Sample ID:	03/25 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/22/96-03/23/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	101	91	112
CCV	100	101	111
CCV	101	92	107
Method Blank	94	90	112
L3219-2	102	102	113
L3219-5	104	109	117
L3219-8	103	107	112
L3219-11	103	107	113
L3219-14	99	102	107
L3219-17	102	105	111
LCS	94	83	113
MS	92	95	100
MSD	93	94	105
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/25/96-03/26/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	98	83	113
CCV	102	100	102
Method Blank	102	95	112
L3219-2DIL	102	102	110
L3219-5DIL	106	111	109
L3219-8DIL	110	117	110
L3219-14DIL	109	104	109
L3219-17DIL	106	111	108
L3219-19	103	96	112
LCS	105	98	105
MS	108	111	111
MSD	105	108	107
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/23/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50309-031996	Lab Sample ID:	L3219-11

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	0.385	21.4	105		74-121
Toluene	20.0	0.166	20.6	102		72-121
Ethylbenzene	20.0	0.0	21.2	106		72-117
o-Xylene	20.0	0.0	21.4	107		66-124
1,1-Dichloroethane	20.0	12.1	26.4	72	*	73-121
1,1,1-Trichloroethane	20.0	1.33	20.4	95		72-126
cis-1,3-Dichloropropene	20.0	0.0	19.9	100		58-124
Chlorobenzene	20.0	0.0	22.7	114		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	21.2	104		1		0-10	74-121
Toluene	20.0	20.3	101		1		0-16	72-121
Ethylbenzene	20.0	20.4	102		4		0-14	72-117
o-Xylene	20.0	20.7	104		3		0-14	66-124
1,1-Dichloroethane	20.0	26.6	73		1		0-18	73-121
1,1,1-Trichloroethane	20.0	19.6	91		4		0-15	72-126
cis-1,3-Dichloropropene	20.0	18.9	95		5		0-22	58-124
Chlorobenzene	20.0	21.3	107		6		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 1 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/25/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		
Matrix:	Liquid	Lab Sample ID:	L3224-12

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	0.0	22.4	112		74-121
Toluene	20.0	0.0	21.8	109		72-121
Ethylbenzene	20.0	0.0	22.5	113		72-117
o-Xylene	20.0	0.0	22.6	113		66-124
1,1-Dichloroethane	20.0	0.0	24.3	122	*	73-121
1,1,1-Trichloroethane	20.0	0.0	23.1	116		72-126
cis-1,3-Dichloropropene	20.0	0.0	23.6	118		58-124
Chlorobenzene	20.0	0.0	22.9	115		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	22.4	112		0		0-10	74-121
Toluene	20.0	21.9	110		1		0-16	72-121
Ethylbenzene	20.0	22.4	112		1		0-14	72-117
o-Xylene	20.0	22.4	112		1		0-14	66-124
1,1-Dichloroethane	20.0	24.1	121		1		0-18	73-121
1,1,1-Trichloroethane	20.0	23.0	115		1		0-15	72-126
cis-1,3-Dichloropropene	20.0	23.4	117		1		0-22	58-124
Chlorobenzene	20.0	22.6	113		2		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 1 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/22/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC.	#	QC LIMITS REC.
Benzene	20.0	23.0	115		75-125
Toluene	20.0	22.3	112		75-125
Ethylbenzene	20.0	22.9	115		75-125
o-Xylene	20.0	22.9	115		75-125
1,1-Dichloroethane	20.0	20.3	102		75-125
1,1,1-Trichloroethane	20.0	19.1	96		75-125
cis-1,3-Dichloropropene	20.0	19.6	98		75-125
Chlorobenzene	20.0	18.5	93		75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/25/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	21.8	109	75-125
Toluene	20.0	21.3	107	75-125
Ethylbenzene	20.0	22.0	110	75-125
o-Xylene	20.0	21.9	110	75-125
1,1-Dichloroethane	20.0	23.3	117	75-125
1,1,1-Trichloroethane	20.0	22.7	114	75-125
cis-1,3-Dichloropropene	20.0	22.1	111	75-125
Chlorobenzene	20.0	21.9	110	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3219
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	3635	17*
Chloromethane	9103	10	7632	16*
Vinyl chloride	7475	9	7567	1
Bromomethane	4053	10	4015	1
Chloroethane	8231	9	8299	1
Trichlorofluoromethane	11964	9	12271	3
1,1-Dichloroethene	11045	9	11490	4
Methylene chloride	14825	12	14376	3
trans-1,2-Dichloroethene	11709	10	12070	3
1,1-Dichloroethane	11841	10	12284	4
cis-1,2-Dichloroethene	12091	9	12127	0
2,2-Dichloropropane	10669	12	10861	2
Bromochloromethane	8662	11	8679	0
Chloroform	15533	10	15367	1
1,1,1-Trichloroethane	14156	10	13718	3
Carbon tetrachloride	16313	9	15897	3
1,1-Dichloropropene	5579	14	5743	3
1,2-Dichloroethane	11607	9	11185	4
Trichloroethene	14474	8	13608	6
1,2-Dichloropropane	11206	8	10889	3
Dibromomethane	5500	11	5663	3
Bromodichloromethane	11224	9	11028	2
2-Chloroethyl vinyl ether	5579	14	5743	3
cis-1,3-Dichloropropene	9669	9	9743	1
trans-1,3-Dichloropropene	8941	8	9070	1
1,1,2-Trichloroethane	11768	6	11493	2
Tetrachloroethene	13939	9	13456	3
1,3-Dichloropropane	9412	8	9141	3
Dibromochloromethane	7533	13	7376	2
1,2-Dibromoethane	5371	8	5045	6
Chlorobenzene	5594	8	5551	1
1,1,1,2-Tetrachloroethane	13135	8	13513	3
Bromoform	5407	14	5488	1
1,1,2,2-Tetrachloroethane	9429	10	8881	6
1,2,3-Trichloropropane	7711	10	7039	9
2-Chlorotoluene	4767	8	4986	5
4-Chlorotoluene	4825	7	5016	4
1,3-Dichlorobenzene	7645	8	7943	4
1,4-Dichlorobenzene	8104	8	8181	1
1,2-Dichlorobenzene	7800	7	7932	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3219
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2432	2
1,2,4-Trichlorobenzene	8865	8	9018	2
Hexachlorobutadiene	12492	9	12975	4
1,2,3-Trichlorobenzene	8957	8	9115	2
Benzene	3199	5	3528	10
Toluene	3013	5	3261	8
Ethylbenzene	2654	5	2929	10
p,m-Xylenes	3095	3	3410	10
o-Xylene	2666	4	2946	11
Styrene	3501	3	3786	8
Isopropylbenzene	1967	7	2208	12
Bromobenzene	3251	3	3516	8
Propylbenzene	2841	13	3173	12
1,3,5-Trimethylbenzene	3661	3	4034	10
tert-Butylbenzene	2109	5	2286	8
1,2,4-Trimethylbenzene	2784	3	3064	10
sec-Butylbenzene	2178	3	2417	11
4-Isopropyltoluene	2137	4	2326	9
n-Butylbenzene	2350	2	2607	11
Naphthalene	2501	14	2603	4

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3219
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4499	3
Chloromethane	9103	10	8063	11
Vinyl chloride	7475	9	8410	13
Bromomethane	4053	10	4454	10
Chloroethane	8231	9	8902	8
Trichlorofluoromethane	11964	9	12669	6
1,1-Dichloroethene	11045	9	11809	7
Methylene chloride	14825	12	14691	1
trans-1,2-Dichloroethene	11709	10	12577	7
1,1-Dichloroethane	11841	10	12788	8
cis-1,2-Dichloroethene	12091	9	12733	5
2,2-Dichloropropane	10669	12	11177	5
Bromochloromethane	8662	11	9263	7
Chloroform	15533	10	16138	4
1,1,1-Trichloroethane	14156	10	14722	4
Carbon tetrachloride	16313	9	17080	5
1,1-Dichloropropene	5579	14	6005	8
1,2-Dichloroethane	11607	9	12112	4
Trichloroethene	14474	8	14952	3
1,2-Dichloropropane	11206	8	11607	4
Dibromomethane	5500	11	6119	11
Bromodichloromethane	11224	9	11845	6
2-Chloroethyl vinyl ether	5579	14	6005	8
cis-1,3-Dichloropropene	9669	9	10549	9
trans-1,3-Dichloropropene	8941	8	9907	11
1,1,2-Trichloroethane	11768	6	12599	7
Tetrachloroethene	13939	9	14562	4
1,3-Dichloropropane	9412	8	10082	7
Dibromochloromethane	7533	13	8348	11
1,2-Dibromoethane	5371	8	5748	7
Chlorobenzene	5594	8	5861	5
1,1,1,2-Tetrachloroethane	13135	8	14235	8
Bromoform	5407	14	6109	13
1,1,2,2-Tetrachloroethane	9429	10	9979	6
1,2,3-Trichloropropane	7711	10	8059	5
2-Chlorotoluene	4767	8	5218	9
4-Chlorotoluene	4825	7	5267	9
1,3-Dichlorobenzene	7645	8	8353	9
1,4-Dichlorobenzene	8104	8	8665	7
1,2-Dichlorobenzene	7800	7	8391	8

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3219
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2916	17*
1,2,4-Trichlorobenzene	8865	8	9590	8
Hexachlorobutadiene	12492	9	13401	7
1,2,3-Trichlorobenzene	8957	8	9601	7
Benzene	3199	5	3617	13
Toluene	3013	5	3285	9
Ethylbenzene	2654	5	2983	12
p,m-Xylenes	3095	3	3456	12
o-Xylene	2666	4	2996	12
Styrene	3501	3	3836	10
Isopropylbenzene	1967	7	2236	14
Bromobenzene	3251	3	3588	10
Propylbenzene	2841	13	2871	1
1,3,5-Trimethylbenzene	3661	3	4085	12
tert-Butylbenzene	2109	5	2296	9
1,2,4-Trimethylbenzene	2784	3	3098	11
sec-Butylbenzene	2178	3	2429	12
4-Isopropyltoluene	2137	4	2337	9
n-Butylbenzene	2350	2	2605	11
Naphthalene	2501	14	2844	14

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3219
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/23/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4495	3
Chloromethane	9103	10	7822	14
Vinyl chloride	7475	9	8001	7
Bromomethane	4053	10	4287	6
Chloroethane	8231	9	8670	5
Trichlorofluoromethane	11964	9	12758	7
1,1-Dichloroethene	11045	9	11809	7
Methylene chloride	14825	12	15149	2
trans-1,2-Dichloroethene	11709	10	12491	7
1,1-Dichloroethane	11841	10	12625	7
cis-1,2-Dichloroethene	12091	9	12702	5
2,2-Dichloropropane	10669	12	10173	5
Bromochloromethane	8662	11	9099	5
Chloroform	15533	10	16074	3
1,1,1-Trichloroethane	14156	10	14442	2
Carbon tetrachloride	16313	9	17043	4
1,1-Dichloropropene	5579	14	6068	9
1,2-Dichloroethane	11607	9	11862	2
Trichloroethene	14474	8	14677	1
1,2-Dichloropropane	11206	8	11299	1
Dibromomethane	5500	11	5995	9
Bromodichloromethane	11224	9	11633	4
2-Chloroethyl vinyl ether	5579	14	6068	9
cis-1,3-Dichloropropene	9669	9	9682	0
trans-1,3-Dichloropropene	8941	8	8899	0
1,1,2-Trichloroethane	11768	6	12128	3
Tetrachloroethene	13939	9	14005	0
1,3-Dichloropropane	9412	8	9640	2
Dibromochloromethane	7533	13	8184	9
1,2-Dibromoethane	5371	8	5492	2
Chlorobenzene	5594	8	5797	4
1,1,1,2-Tetrachloroethane	13135	8	13678	4
Bromoform	5407	14	5846	8
1,1,2,2-Tetrachloroethane	9429	10	9093	4
1,2,3-Trichloropropane	7711	10	7465	3
2-Chlorotoluene	4767	8	4950	4
4-Chlorotoluene	4825	7	4943	2
1,3-Dichlorobenzene	7645	8	7912	3
1,4-Dichlorobenzene	8104	8	8285	2
1,2-Dichlorobenzene	7800	7	8065	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3219
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/23/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2657	7
1,2,4-Trichlorobenzene	8865	8	8824	0
Hexachlorobutadiene	12492	9	12323	1
1,2,3-Trichlorobenzene	8957	8	8855	1
Benzene	3199	5	3512	10
Toluene	3013	5	3229	7
Ethylbenzene	2654	5	2901	9
p,m-Xylenes	3095	3	3365	9
o-Xylene	2666	4	2926	10
Styrene	3501	3	3722	6
Isopropylbenzene	1967	7	2191	11
Bromobenzene	3251	3	3499	8
Propylbenzene	2841	13	2805	1
1,3,5-Trimethylbenzene	3661	3	3943	8
tert-Butylbenzene	2109	5	2237	6
1,2,4-Trimethylbenzene	2784	3	2999	8
sec-Butylbenzene	2178	3	2363	8
4-Isopropyltoluene	2137	4	2243	5
n-Butylbenzene	2350	2	2475	5
Naphthalene	2501	14	2744	10

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3219
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/25/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4525	3
Chloromethane	9103	10	8555	6
Vinyl chloride	7475	9	8170	9
Bromomethane	4053	10	4249	5
Chloroethane	8231	9	8825	7
Trichlorofluoromethane	11964	9	12687	6
1,1-Dichloroethene	11045	9	11825	7
Methylene chloride	14825	12	14323	3
trans-1,2-Dichloroethene	11709	10	12413	6
1,1-Dichloroethane	11841	10	12497	6
cis-1,2-Dichloroethene	12091	9	12309	2
2,2-Dichloropropane	10669	12	11295	6
Bromochloromethane	8662	11	8624	0
Chloroform	15533	10	15564	0
1,1,1-Trichloroethane	14156	10	14237	1
Carbon tetrachloride	16313	9	16532	1
1,1-Dichloropropene	5579	14	5964	7
1,2-Dichloroethane	11607	9	11376	2
Trichloroethene	14474	8	14106	3
1,2-Dichloropropane	11206	8	10893	3
Dibromomethane	5500	11	5445	1
Bromodichloromethane	11224	9	11113	1
2-Chloroethyl vinyl ether	5579	14	5964	7
cis-1,3-Dichloropropene	9669	9	9772	1
trans-1,3-Dichloropropene	8941	8	8980	0
1,1,2-Trichloroethane	11768	6	11264	4
Tetrachloroethene	13939	9	13601	2
1,3-Dichloropropane	9412	8	9027	4
Dibromochloromethane	7533	13	7491	1
1,2-Dibromoethane	5371	8	4831	10
Chlorobenzene	5594	8	5498	2
1,1,1,2-Tetrachloroethane	13135	8	12992	1
Bromoform	5407	14	5256	3
1,1,2,2-Tetrachloroethane	9429	10	8920	5
1,2,3-Trichloropropane	7711	10	6857	11
2-Chlorotoluene	4767	8	4855	2
4-Chlorotoluene	4825	7	4865	1
1,3-Dichlorobenzene	7645	8	7713	1
1,4-Dichlorobenzene	8104	8	7990	1
1,2-Dichlorobenzene	7800	7	7671	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3219
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/25/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2375	5
1,2,4-Trichlorobenzene	8865	8	8580	3
Hexachlorobutadiene	12492	9	12575	1
1,2,3-Trichlorobenzene	8957	8	8417	6
Benzene	3199	5	3689	15
Toluene	3013	5	3412	13
Ethylbenzene	2654	5	3069	16*
p,m-Xylenes	3095	3	3557	15
o-Xylene	2666	4	3056	15
Styrene	3501	3	3928	12
Isopropylbenzene	1967	7	2316	18*
Bromobenzene	3251	3	3620	11
Propylbenzene	2841	13	3102	9
1,3,5-Trimethylbenzene	3661	3	4177	14
tert-Butylbenzene	2109	5	2384	13
1,2,4-Trimethylbenzene	2784	3	3176	14
sec-Butylbenzene	2178	3	2517	16*
4-Isopropyltoluene	2137	4	2389	12
n-Butylbenzene	2350	2	2630	12
Naphthalene	2501	14	2617	5

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3219
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/26/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4624	6
Chloromethane	9103	10	7866	14
Vinyl chloride	7475	9	8061	8
Bromomethane	4053	10	4378	8
Chloroethane	8231	9	8831	7
Trichlorofluoromethane	11964	9	13056	9
1,1-Dichloroethene	11045	9	12296	11
Methylene chloride	14825	12	15478	4
trans-1,2-Dichloroethene	11709	10	12998	11
1,1-Dichloroethane	11841	10	13254	12
cis-1,2-Dichloroethene	12091	9	13352	10
2,2-Dichloropropane	10669	12	10983	3
Bromochloromethane	8662	11	9810	13
Chloroform	15533	10	16960	9
1,1,1-Trichloroethane	14156	10	15496	9
Carbon tetrachloride	16313	9	18347	12
1,1-Dichloropropene	5579	14	6489	16*
1,2-Dichloroethane	11607	9	12882	11
Trichloroethene	14474	8	15640	8
1,2-Dichloropropane	11206	8	12119	8
Dibromomethane	5500	11	6664	21*
Bromodichloromethane	11224	9	12544	12
2-Chloroethyl vinyl ether	5579	14	6489	16*
cis-1,3-Dichloropropene	9669	9	10826	12
trans-1,3-Dichloropropene	8941	8	10054	12
1,1,2-Trichloroethane	11768	6	13190	12
Tetrachloroethene	13939	9	14798	6
1,3-Dichloropropane	9412	8	10584	12
Dibromochloromethane	7533	13	8897	18*
1,2-Dibromoethane	5371	8	6068	13
Chlorobenzene	5594	8	6151	10
1,1,1,2-Tetrachloroethane	13135	8	14486	10
Bromoform	5407	14	6432	19*
1,1,2,2-Tetrachloroethane	9429	10	10153	8
1,2,3-Trichloropropane	7711	10	8471	10
2-Chlorotoluene	4767	8	5269	11
4-Chlorotoluene	4825	7	5239	9
1,3-Dichlorobenzene	7645	8	8239	8
1,4-Dichlorobenzene	8104	8	8588	6
1,2-Dichlorobenzene	7800	7	8501	9

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3219
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/26/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	3104	25*
1,2,4-Trichlorobenzene	8865	8	9103	3
Hexachlorobutadiene	12492	9	13100	5
1,2,3-Trichlorobenzene	8957	8	9193	3
Benzene	3199	5	3432	7
Toluene	3013	5	3152	5
Ethylbenzene	2654	5	2860	8
p,m-Xylenes	3095	3	3312	7
o-Xylene	2666	4	2886	8
Styrene	3501	3	3694	6
Isopropylbenzene	1967	7	2157	10
Bromobenzene	3251	3	3462	6
Propylbenzene	2841	13	2893	2
1,3,5-Trimethylbenzene	3661	3	3891	6
tert-Butylbenzene	2109	5	2221	5
1,2,4-Trimethylbenzene	2784	3	2931	5
sec-Butylbenzene	2178	3	2331	7
4-Isopropyltoluene	2137	4	2189	2
n-Butylbenzene	2350	2	2340	0
Naphthalene	2501	14	2608	4

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/19/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/22/96-03/26/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50306-031996	Lab Sample ID:	L3219-3

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0964	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00200	
Copper	Copper	6010	0.00270	U
Iron	Iron	6010	0.0834	
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.00842	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0179	
Calcium	Calcium	6010	52.6	
Magnesium	Magnesium	6010	14.5	
Potassium	Potassium	6010	4.70	
Sodium	Sodium	6010	18.0	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/19/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/22/96-03/26/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50307-031996	Lab Sample ID:	L3219-6

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0539	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00301	
Copper	Copper	6010	0.00270	U
Iron	Iron	6010	0.115	
Lead	Lead	7421	0.00095	
Manganese	Manganese	6010	0.00972	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	29.5	
Magnesium	Magnesium	6010	15.0	
Potassium	Potassium	6010	5.60	
Sodium	Sodium	6010	30.3	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/19/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/22/96-03/26/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50308-031996	Lab Sample ID:	L3219-9

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.119	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00353	
Copper	Copper	6010	0.00270	U
Iron	Iron	6010	0.0378	
Lead	Lead	7421	0.00077	
Manganese	Manganese	6010	0.00252	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0198	
Calcium	Calcium	6010	80.2	
Magnesium	Magnesium	6010	19.9	
Potassium	Potassium	6010	6.02	
Sodium	Sodium	6010	25.5	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/19/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/22/96-03/26/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50309-031996	Lab Sample ID:	L3219-12

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.549	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00401	
Iron	Iron	6010	0.150	
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.0369	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0343	
Calcium	Calcium	6010	241	
Magnesium	Magnesium	6010	53.5	
Potassium	Potassium	6010	7.87	
Sodium	Sodium	6010	33.4	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/19/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/22/96-03/26/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50310-031996	Lab Sample ID:	L3219-15

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.438	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00187	
Copper	Copper	6010	0.00451	
Iron	Iron	6010	0.0450	
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.00698	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00478	
Zinc	Zinc	6010	0.0249	
Calcium	Calcium	6010	172	
Magnesium	Magnesium	6010	36.1	
Potassium	Potassium	6010	7.00	
Sodium	Sodium	6010	40.6	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/19/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/22/96-03/26/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50310K-031996	Lab Sample ID:	L3219-18

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.462	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00281	
Copper	Copper	6010	0.00379	
Iron	Iron	6010	0.178	
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.0156	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0263	
Calcium	Calcium	6010	184	
Magnesium	Magnesium	6010	38.2	
Potassium	Potassium	6010	7.49	
Sodium	Sodium	6010	42.9	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/19/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/19/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	03/22/96-03/26/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50310N-031996	Lab Sample ID:	L3219-20

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.00218	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00270	U
Iron	Iron	6010	0.0458	
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.00417	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0199	
Calcium	Calcium	6010	0.689	
Magnesium	Magnesium	6010	0.184	
Potassium	Potassium	6010	0.358	U
Sodium	Sodium	6010	0.758	

Comments:

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-03
Third Street, Irwindale, CA

Report Date: 04/08/96
Lab P.N.: L3219
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum	2.50	2.64	106	1.00	1.07	107	1.05	105	6010
Arsenic	0.0250	0.0258	103	0.0250	0.0251	100	0.0253	101	7060
Barium	2.50	2.58	103	1.00	1.02	102	1.02	102	6010
Cadmium	1.25	1.29	103	2.50	2.65	107	2.68	108	6010
Chromium	2.50	2.57	103	2.50	2.68	107	2.67	107	6010
Copper	2.50	2.50	100	2.50	2.58	103	2.56	102	6010
Iron	2.50	2.58	103	2.50	2.66	107	2.62	105	6010
Lead	0.0250	0.0253	101	0.0250	0.0251	100	0.0252	101	7421
Manganese	2.50	2.72	108	2.50	2.72	109	2.64	106	6010
Nickel	2.50	2.61	105	2.50	2.73	109	2.75	110	6010
Zinc	2.50	2.57	103	2.50	2.67	107	2.67	107	6010
Mercury	0.00500	0.00487	97	0.00300	0.00297	99	0.00297	99	7470
Calcium	25.0	25.3	101	2.50	2.68	108	2.73	110	6010
Magnesium	25.0	26.3	105	2.50	2.60	104	2.57	103	6010
Potassium	25.0	25.5	102	10.0	10.2	102	10.2	102	6010
Sodium	25.0	25.6	102	1.00	1.04	104	1.04	104	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-03
Third Street, Irwindale, CA

Report Date: 04/08/96
Lab P.N.: L3219
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				1.00	1.04	104	1.03	103	6010
Arsenic				0.0250	0.0269	108	0.0260	104	7060
Barium				1.00	1.01	101	1.02	102	6010
Cadmium				2.50	2.66	107	2.67	107	6010
Chromium				2.50	2.60	104	2.56	102	6010
Copper				2.50	2.53	101	2.52	100	6010
Iron				2.50	2.53	102	2.49	100	6010
Lead				0.0250	0.0250	100	0.0250	100	7421
Manganese				2.50	2.74	110	2.57	103	6010
Nickel				2.50	2.73	109	2.73	109	6010
Zinc				2.50	2.65	106	2.63	105	6010
Mercury				0.00300	0.00295	98	-	-	7470
Calcium				2.50	2.62	105	2.59	104	6010
Magnesium				2.50	2.51	101	2.51	101	6010
Potassium				10.0	10.4	104	10.4	104	6010
Sodium				1.00	1.03	103	1.06	106	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		

Matrix: Liquid
Date Analyzed: 03/22/96-03/26/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum	0.0437	U	0.0437	U	0.0437	U	0.0437	U	0.0855		6010
Arsenic	0.00299	U	0.00299	U	0.00299	U	0.00299	U	0.00299	U	7060
Barium	0.00134	U	0.00134	U	0.00134	U	0.00134	U	0.00154		6010
Cadmium	0.00170	U	0.00266		0.00229		0.00210		0.00170	U	6010
Chromium	0.00180	U	0.00180	U	0.00180	U	0.00180	U	0.00180	U	6010
Copper	0.00270	U	0.00270	U	0.00270	U	0.00270	U	0.00270	U	6010
Iron	0.00277		0.01150		0.00461		0.00280		0.03970		6010
Lead	0.000636	U	0.000636	U	0.000636	U	0.00469		0.000636	U	7421
Manganese	0.00309		0.00200	U	0.00200	U	0.00200	U	0.00200	U	6010
Mercury	0.000173	U	0.000173	U	0.000173	U	0.000173	U	0.000173	U	7470
Nickel	0.00470	U	0.00470	U	0.00470	U	0.00470	U	0.00470	U	6010
Zinc	0.0175	U	0.0175	U	0.0175	U	0.0175	U	0.0175	U	6010
Calcium	0.102	U	0.102	U	0.102	U	0.102	U	0.299		6010
Magnesium	0.0379	U	0.0379	U	0.0379	U	0.0379	U	0.144		6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium	0.108	U	0.108	U	0.108	U	0.108	U	0.217		6010

TMA
Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		

Matrix: Liquid
Date Analyzed: 03/22/96-03/26/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum			0.0437	U							6010
Arsenic			0.00299	U							7060
Barium			0.00134	U							6010
Cadmium			0.00269								6010
Chromium			0.00180	U							6010
Copper			0.00270	U							6010
Iron			0.00287								6010
Lead			0.000636	U							7421
Manganese			0.00200	U							6010
Mercury											7470
Nickel			0.00470	U							6010
Zinc			0.0175	U							6010
Calcium			0.102	U							6010
Magnesium			0.0379	U							6010
Potassium			0.358	U							6010
Sodium			0.108	U							6010

TMA
Thermo Analytical

ICP INTERFERENCE CHECK SAMPLE

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3219
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-03 Third Street, Irwindale, CA		
Concentration Unit:	mg/l		

	Initial			Final		
Analyte	True Sol. AB	Found Sol. AB	%R	True Sol. AB	Found Sol. AB	%R
Aluminum	500	513	103	500	481	96
Barium	0.500	0.473	95	0.500	0.497	100
Cadmium	1.00	0.971	97	1.00	0.987	99
Chromium	0.500	0.498	100	0.500	0.496	99
Copper	0.500	0.454	91	0.500	0.432	86
Iron	200	183	92	200	163	82
Manganese	0.500	0.426	85	0.500	0.401	80
Nickel	1.00	0.905	91	1.00	0.897	90
Zinc	1.00	0.992	99	1.00	0.968	97
Calcium	500	493	99	500	460	92
Magnesium	500	512	102	500	479	96

%R control limits = 80 - 120 %.

TMA
Thermo Analytical

METALS SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-03
Third Street, Irwindale, CA

Report Date: 04/08/96
Lab P.N.: L3219
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3219-12
Client Sample ID: BW-GW-MW50309-031996
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/25/96	2.000	0.000	1.96	98	6010
Arsenic	03/26/96	0.0400	0.000	0.0484	121	7060
Barium	03/25/96	2.00	0.549	2.38	92	6010
Cadmium	03/25/96	2.00	0.000	1.86	93	6010
Chromium	03/25/96	2.00	0.000	1.84	92	6010
Copper	03/25/96	2.00	0.00401	1.81	90	6010
Iron	03/25/96	2.00	0.150	1.87	94	6010
Lead	03/26/96	0.0120	0.000	0.0122	102	7421
Manganese	03/26/96	2.00	0.0369	1.79	88	6010
Nickel	03/25/96	2.00	0.000	1.85	92	6010
Zinc	03/25/96	2.00	0.0343	1.88	92	6010
Mercury	03/26/96	0.00200	0.000	0.00194	97	7470
Calcium	03/25/96	2.00	241	245	174*	6010
Magnesium	03/25/96	2.00	53.5	55.5	100	6010
Potassium	03/25/96	20.0	7.87	27.1	96	6010
Sodium	03/25/96	2.00	33.4	35.2	87	6010

Column used to flag recovery values with an asterisk
*Value outside of control limits
Spike Recovery: 1 out of 16 outside limits.

Conc Spk = Concentration of Spike in Sample
%MS = Percent Recovery of MS
Control limits for Spike Samples are 75-125%.

TMA
Thermo Analytical

METALS POST SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-03
Third Street, Irwindale, CA

Report Date: 04/08/96
Lab P.N.: L3219
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3219-12
Client Sample ID: BP-GW-MW50309-031996
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/25/96	5.00	0.000	5.27	105	6010
Arsenic	03/26/96	0.0200	0.000	0.0235	118	7060
Barium	03/25/96	5.00	0.549	5.64	102	6010
Cadmium	03/25/96	5.00	0.000	5.36	107	6010
Chromium	03/25/96	5.00	0.000	5.29	106	6010
Copper	03/25/96	5.00	0.00401	5.09	102	6010
Iron	03/25/96	5.00	0.150	5.37	104	6010
Lead	03/26/96	0.0200	0.000	0.0219	110	7421
Manganese	03/26/96	5.00	0.0369	5.14	102	6010
Nickel	03/25/96	5.00	0.000	5.51	110	6010
Zinc	03/25/96	5.00	0.0343	5.40	107	6010
Calcium	03/25/96	5.00	241	264	460*	6010
Magnesium	03/25/96	5.00	53.5	62.3	176*	6010
Potassium	03/25/96	50.0	7.87	62.0	108	6010
Sodium	03/25/96	5.00	33.4	40.1	134*	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 3 out of 15 outside limits.

Conc Spk = Concentration of Spike in Sample.
%MS = Percent Recovery of MS.
Control limits for Post Digest Spike Samples are 75-125%.

TMA
Thermo Analytical

METALS DUPLICATES

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-03
Third Street, Irwindale, CA

Report Date: 04/08/96
Lab P.N.: L3219
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3219-12
Client Sample ID: BP-GW-MW50309-031996

Concentration Units: mg/l

Metal	Date Analyzed	Sample Result	Duplicate Result	RPD	Method
Barium	03/25/96	0.549	0.526	4	6010
Calcium	03/25/96	241	232	4	6010
Magnesium	03/25/96	53.5	51.1	5	6010
Potassium	03/25/96	7.87	7.82	1	6010
Sodium	03/25/96	33.4	31.7	5	6010

*Value outside control limits

Control limits equal 0-20% if sample and duplicate concentrations >/= 5x MDL.
If both sample and duplicate concentrations are < MDL, then no control limt exists.

0 out of 4 outside limits

Comments: _____

TMA
Thermo Analytical

METALS LABORATORY CONTROL SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-03
Third Street, Irwindale, CA

Report Date: 04/08/96
Lab P.N.: L3219
Client P.N.: 2581-112-T4-SAMP

LCS Source: CR1-CRA-3 (Inorganic Ventures Lot #J-MEB25058) & QC-7(SPEX Lot #8-92AS)
QC-19(SPEX Lot #8-67AS), HG stock Std. (SPEX Lot #7-147AS)

Concentration: mg/l

Metal	Date	LCS True Conc.	Result	%RC	Method
Aluminum	03/25/96	2.00	1.87	93	6010
Arsenic	03/26/96	0.0400	0.0411	103	7060
Barium	03/25/96	2.00	1.86	93	6010
Cadmium	03/25/96	2.00	1.81	90	6010
Chromium	03/25/96	2.00	1.88	94	6010
Copper	03/25/96	2.00	1.86	93	6010
Iron	03/25/96	2.00	1.88	94	6010
Lead	03/26/96	0.0120	0.0127	106	7421
Manganese	03/26/96	2.00	1.82	91	6010
Mercury	03/26/96	0.00200	0.00197	99	7470
Nickel	03/25/96	2.00	1.90	95	6010
Zinc	03/25/96	2.00	1.84	92	6010
Calcium	03/25/96	2.00	2.08	104	6010
Magnesium	03/25/96	2.00	1.90	95	6010
Potassium	03/25/96	20.0	18.9	94	6010
Sodium	03/25/96	2.00	2.04	102	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 0 out of 16 outside limits.

Control Limits for Laboratory Control Check Sample are 80-120%.

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ICP SERIAL DILUTIONS

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-03
Third Street, Irwindale, CA

Report Date: 04/08/96
Lab P.N.: L3219
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Concentration Unit: mg/l
Client Sample ID: BP-GW-MW50309-031996
Lab Sample ID: L3219-12

Metal	Initial Sample Result	Serial Dilution Result	% DIFF	Method
Barium	0.549	0.575	5	6010
Calcium	241	265	10	6010
Magnesium	53.5	57.2	7	6010
Potassium	7.87	7.58	4	6010
Sodium	33.4	34.1	2	6010

%DIFF = % Difference
Series dilution (1:4 with blank water) must be performed for each batch of samples using one representative sample.
%DIFF = [(Sample Result - Series Dilution Result)/Sample Result] X 100

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1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274

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LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	4/8/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3219
		Client P.N.:	2581-112-T4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	BPOU Quarterly Sampling	Date Sampled:	3/19/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Received:	3/19/96
		Date Analyzed:	3/19/96-3/25/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Alkalinity (EPA 310.1)	M	91	-	80-120	-	-
Chloride (EPA 300.0)	M	111	112	80-120	1	0-20
Nitrate-N (EPA 300.0)	M	100	99	80-120	1	0-20
Nitrite-N (EPA 300.0)	M	94	93	80-120	1	0-20
Sulfate (EPA 300.0)	M	93	93	80-120	0	0-20

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/8/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3219
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	3/19/96
Project Address:	MW5-03	Date Analyzed:	3/25/96
	Third Street, Irwindale, CA	Physical State:	Liquid

Client Sample ID	Alkalinity Bicarbonate EPA 310.1 mg/l	Alkalinity Carbonate EPA 310.1 mg/l	Total Dissolved Solids EPA 160.1 mg/l	Total Suspended Solids EPA 160.2 mg/l
BP-GW-MW50306-031996	150	ND	270	ND
BP-GW-MW50307-031996	150	ND	230	ND
BP-GW-MW50308-031996	260	ND	360	ND
BP-GW-MW50309-031996	590	ND	1,100	ND
BP-GW-MW50310-031996	530	ND	800	ND
BP-GW-MW50310K-031996	520	ND	790	ND
BP-GW-MW50310N-031996	3.9	ND	ND	ND
Quantitation Limits mg/l	1.0	1.0	12	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/8/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3219
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	3/19/96
Project Address:	MW5-03	Date Analyzed:	3/19/96-3/22/96
	Third Street, Irwindale, CA	Physical State:	Liquid

Client Sample ID	Sulfate EPA 300.0 mg/l	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l	Hardness EPA 130.2 mg/l
BP-GW-MW50306-031996	30	ND	7.6	190
BP-GW-MW50307-031996	27	ND	1.8	140
BP-GW-MW50308-031996	32	ND	4.9	280
BP-GW-MW50309-031996	40	ND	ND	350
BP-GW-MW50310-031996	38	ND	5.7	610
BP-GW-MW50310K-031996	38	ND	5.7	550
BP-GW-MW50310N-031996	ND	ND	ND	12
Quantitation Limits mg/l	1.0	0.25	0.25	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/8/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3219
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	3/19/96
Project Address:	MW5-03 Third Street, Irwindale, CA	Date Analyzed:	3/19/96-3/22/96
		Physical State:	Liquid

Client Sample ID	Chloride EPA 300.0 mg/l	Quantitation Limits mg/l
BP-GW-MW50306-031996	16	0.50
BP-GW-MW50307-031996	17	0.50
BP-GW-MW50308-031996	23	1.3
BP-GW-MW50309-031996	180	5.0
BP-GW-MW50310-031996	85	5.0
BP-GW-MW50310K-031996	86	5.0
BP-GW-MW50310N-031996	ND	0.25

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 3/25/96

RECEIVED: 3/20/96

LABORATORY NO. 87108

SAMPLE: Water/6

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-MW50306	118	+/- 15
BP-GW-MW50307	94	+/- 14
BP-GW-MW50308	130	+/- 16
BP-GW-MW50309	209	+/- 17
BP-GW-MW50310	119	+/- 18
BP-GW-MW50310K	141	+/- 20

Date Analyzed: 3/20/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

CHAIN-OF-CUSTODY RECORD

Client: Camp, Dresser & McKee

Date: 03-19-96

Page 1 of 2

Project Name: BPOU Quarterly Sampling

Client Reference #: 2581-112-T4-SAMP

Project Address: MW5-03, 3rd St, Irwindale

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Project Contact (please print): Barbara Wells / Suzanne Rowe

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Lab Use Only
Lab Job # L3219
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☑ yes ☐ no
Sealed ☐ yes ☑ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon Draft 913	VOC's - 8021	* Metals (Al, As, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Ni, Zn, Hg) 6010/7000	* Cations (Ca, Mg, K, Na) - 6010	TDS, TSS - 160.1/160.2	Anions (Cl, SO4) (NO3, NO2) - 300.0	Alkalin (CO3, HCO3) - 2320	Hardness - 130.2	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-MW50306-031996	MW503 Zone 6 (580-600)	03-19-96	8:40	L	X								2	40ml VOA's	L3219-1
				L		X							2	40ml VOA's	-2
				L			X	X	X	X	X	X	1	1L poly	-3
BP-GW-MW50307-031996	Zone 7 (510-520)		10:00	L	X								2	40ml VOA's	-4
				L		X							2	40ml VOA's w/HCl	-5
				L			X	X	X	X	X	X	1	1L Poly	-6
BP-GW-MW50308-031996	Zone 8 (400-410)		11:00	L	X								2	40ml VOA's	-7
				L		X							2	40ml VOA's w/HCl	-8
				L			X	X	X	X	X	X	1	1L Poly	-9
BP-GW-MW50309-031996	Zone 9 (300-310)		12:20	L	X								2	40ml VOA's	-10
				L		X							4	40ml VOA's w/HCl**	-11
				L			X	X	X	X	X	X	2	1L poly**	-12
BP-GW-MW50310-031996	Zone 10 (235-245)		13:45	L	X								2	40ml VOA's	-13
				L		X							2	40ml VOA's w/HCl	-14
				L			X	X	X	X	X	X	1	1L Poly	-15

❶ Relinquished by (signature)* Shannon Sean Turnbull	❷ Received by (signature)	Date	28 Total Number of Containers
Company: Camp Dresser & McKee	Company	Time	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature) John Bailey	Date 3/19/96	
Company	Laboratory Name TMA	Time 1605	

Special Instructions
* Filter at Lab - ASAP w/0.45µm filter; ** Extra volume for Lab QC; CLP-like deliverables

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800 377 2322
Fax 714.757.7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602 437 9367 Fax 602.437 9362

CHAIN-OF-CUSTODY RECORD

Client: Camp, Dresser & McKee

Date: 03-19-96

Page 2 of 2

Project Name: Baldwin Park Quarterly Sampling

Client Reference #: 2581-112-T4-Samp

Project Address: MW5-03, 3rd St, Irwindale

Turn Around Requested:
- [ ] Immediate Attention
- [ ] Rush 24-48 Hours
- [ ] Rush 48-96 Hours
- [X] Normal
- [ ] Mobile Lab

Project Contact (please print): Barbara Wells, Suzanne Rowe

Lab Use Only
Lab Job # L3219
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled [X] yes [ ] no
Sealed [ ] yes [X] no

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon Draft 9113	VOC's - 8021	*Metals (see page 1)	*Cations (Ca, Mg, K, Na) - 6010	TDS, TSS - 160.1/160.2	Anions (Cl, SO4)(NO3, NO2) - 300.0	Alkalinity (CO3, HCO3) - 2320	Hardness - 130.2	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-~~MW5-03~~ MW303CK 031996		03-19-96	7:30	L	X								2	40 ml VOA's	L3219-16
				L		X							2	40ml VOA's w/HCl	-17
				L			X	X	X	X	X	X	1	1L Poly	-18
BP-GW-MW303DN-031996	MW5-03 EQUIP Blank		14:20	L		X							2	40ml VOA's w/HCl	-19
				L			X	X	X	X	X	X	1	1L Poly	-20

❶ Relinquished by (signature)* Shannon Dean Tannehill	❷ Received by (signature)	Date	8 (36 total) Total Number of Containers
Company: Camp Dresser & McKee	Company	Time	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature) Ann Bailey	Date 3/19/96	
Company	Laboratory Name TMA	Time 1605	

Special Instructions
*Filter at Lab - ASAP w/ 0.45 µm filter; **Extra volume for Lab QC; CLP-like deliverables

*See Terms And Conditions (section 2) on reverse **before** signing

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Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
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April 17, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3224

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 3/21/96 were analyzed by Thermo Analytical for: Volatile Organic Compounds (VOC's) by EPA Method 8021, Metals by EPA 6000/7000 methods and various Wet Chemistry parameters.

The EPA Method 8021 samples taken on 3/20/96 were analyzed 3/22/96 - 3/25/96 which is within the allowable method holding time. The samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The Matrix Spike percent recoveries for 1,1-Dichloroethane were outside the acceptable QC limits due to possible sample matrix interferences. Since the Matrix Spike Duplicate percent recoveries, the relative percent differences and Laboratory Control Sample Spike percent recoveries were all within acceptable QC limits, the data was reported as is.

Several continuing calibrations had compounds with percent differences outside the acceptable QC limits. Dichlorodifluoromethane and Chloromethane had percent differences outside the acceptable QC limits for the 3/22/96 beginning continuing calibration. Due to the fact that the response factors were less than the initial calibration response factors, an additional continuing calibration was analyzed prior to the samples. The two compounds had percent differences within the acceptable QC limits. 1,1-Dichloropropene, Dibromomethane, 2-Chloroethyl vinyl ether, Dibromochloromethane, Bromoform, 1,2-Dibromo-3-chloropropane, Ethylbenzene, Isopropylbenzene and sec-Butylbenzene had percent differences outside the acceptable QC limits. However, the response factors for these compounds were greater than the initial calibration response factors. Since these compounds were not detected in any of the samples, the data was reported as is.

The Metals were analyzed 3/25/96 - 3/26/96. The matrix spike percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample. The post spike sample percent recoveries for Calcium, Magnesium and Sodium were outside the acceptable QC limits due to the high concentrations found in the native sample.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley

Don Burley
Program Manager

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/20/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05	Date Analyzed:	03/23/96
	Monterey Street, Baldwin Park	Time Analyzed:	00:37
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50501-032096	Lab Sample ID:	L3224-3

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	6.8	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.54	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.77	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/20/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05	Date Analyzed:	03/23/96
	Monterey Street, Baldwin Park	Time Analyzed:	00:37
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50501-032096	Lab Sample ID:	L3224-3

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.17	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.40	

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T-SAMP
	Irvine, CA 92715	Date Sampled:	03/20/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05	Date Analyzed:	03/23/96
	Monterey Street, Baldwin Park	Time Analyzed:	01:19
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50502-032096	Lab Sample ID:	L3224-6

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	5.2	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	4.9	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	2.0	
56-23-5	Carbon tetrachloride	1.1	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	39	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	19	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/20/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05	Date Analyzed:	03/23/96
	Monterey Street, Baldwin Park	Time Analyzed:	01:19
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50502-032096	Lab Sample ID:	L3224-6

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.16	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.11	
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/20/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05 Monterey Street, Baldwin Park	Date Analyzed:	03/23/96-03/25/96
		Time Analyzed:	02:00
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50503-032096	Lab Sample ID:	L3224-9

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	24	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.95	
156-59-4	cis-1,2-Dichloroethene	21	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	1.5	
71-55-6	1,1,1-Trichloroethane	11	
56-23-5	Carbon tetrachloride	0.78	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.97	
79-01-6	Trichloroethene	240	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	180	D
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 20, analyzed on 03/25/96
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/20/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05 Monterey Street, Baldwin Park	Date Analyzed:	03/23/96-03/25/96
		Time Analyzed:	02:00
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50503-032096	Lab Sample ID:	L3224-9

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/20/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05	Date Analyzed:	03/23/96-03/25/96
	Monterey Street, Baldwin Park	Time Analyzed:	16:06
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50504-032096	Lab Sample ID:	L3224-12

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	1.1	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/20/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05 Monterey Street, Baldwin Park	Date Analyzed:	03/23/96-03/25/96
		Time Analyzed:	16:06
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50504-032096	Lab Sample ID:	L3224-12

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.45	

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/20/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05	Date Analyzed:	03/23/96
	Monterey Street, Baldwin Park	Time Analyzed:	03:23
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50504N-032096	Lab Sample ID:	L3224-14

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.51	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/20/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05	Date Analyzed:	03/23/96
	Monterey Street, Baldwin Park	Time Analyzed:	03:23
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50504N-032096	Lab Sample ID:	L3224-14

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/20/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05 Monterey Street, Baldwin Park	Date Analyzed:	03/23/96-03/25/96
		Time Analyzed:	04:05
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50503K-032096	Lab Sample ID:	L3224-17

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.26	
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	18	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.71	
156-59-4	cis-1,2-Dichloroethene	17	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	1.3	
71-55-6	1,1,1-Trichloroethane	8.5	
56-23-5	Carbon tetrachloride	0.58	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.8	
79-01-6	Trichloroethene	200	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	160	D
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 20, analyzed on 03/25/96.
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/20/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05	Date Analyzed:	03/23/96-03/25/96
	Monterey Street, Baldwin Park	Time Analyzed:	04:05
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50503K-032096	Lab Sample ID:	L3224-17

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.17	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated metnod blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-05	Date Analyzed:	03/22/96
	Monterey Street, Baldwin Park	Time Analyzed:	13:36
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/22 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-05 Monterey Street, Baldwin Park	Date Analyzed:	03/22/96
		Time Analyzed:	13:36
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/22 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-05 Monterey Street, Baldwin Park	Date Analyzed:	03/25/96
		Time Analyzed:	15:25
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Bank	Lab Sample ID:	03/25 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	MW5-05	Date Analyzed:	03/25/96
	Monterey Street, Baldwin Park	Time Analyzed:	15:25
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Bank	Lab Sample ID:	03/25 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/22/96-03/23/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-05 Monterey Street, Baldwin Park		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	101	91	112
CCV	100	101	111
CCV	101	92	107
Method Blank	94	90	112
L3224-3	104	107	111
L3224-6	95	102	103
L3224-9	104	103	110
L3224-14	101	100	110
L3224-17	99	101	111
LCS	94	83	113
MS	92	95	100
MSD	93	94	105
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/25/96-03/26/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-05 Monterey Street, Baldwin Park		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	98	83	113
CCV	102	100	102
Method Blank	102	95	112
L3224-9DIL	107	113	110
L3224-12	102	83	113
L3224-17DIL	112	117	112
LCS	105	98	105
MS	108	111	111
MSD	105	108	107
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/23/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-05 Monterey Street, Baldwin Park		
Matrix:	Liquid	Lab Sample ID:	L3219-11

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	0.385	21.4	105		74-121
Toluene	20.0	0.166	20.6	102		72-121
Ethylbenzene	20.0	0.0	21.2	106		72-117
o-Xylene	20.0	0.0	21.4	107		66-124
1,1-Dichloroethane	20.0	12.1	26.4	72	*	73-121
1,1,1-Trichloroethane	20.0	1.33	20.4	95		72-126
cis-1,3-Dichloropropene	20.0	0.0	19.9	100		58-124
Chlorobenzene	20.0	0.0	22.7	114		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	21.2	104		1		0-10	74-121
Toluene	20.0	20.3	101		1		0-16	72-121
Ethylbenzene	20.0	20.4	102		4		0-14	72-117
o-Xylene	20.0	20.7	104		3		0-14	66-124
1,1-Dichloroethane	20.0	26.6	73		1		0-18	73-121
1,1,1-Trichloroethane	20.0	19.6	91		4		0-15	72-126
cis-1,3-Dichloropropene	20.0	18.9	95		5		0-22	58-124
Chlorobenzene	20.0	21.3	107		6		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 1 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/25/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-05 Monterey Street, Baldwin Park		
Matrix:	Liquid	Lab Sample ID:	L3224-12

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	0.0	22.4	112		74-121
Toluene	20.0	0.0	21.8	109		72-121
Ethylbenzene	20.0	0.0	22.5	113		72-117
o-Xylene	20.0	0.0	22.6	113		66-124
1,1-Dichloroethane	20.0	0.0	24.3	122	*	73-121
1,1,1-Trichloroethane	20.0	0.0	23.1	116		72-126
cis-1,3-Dichloropropene	20.0	0.0	23.6	118		58-124
Chlorobenzene	20.0	0.0	22.9	115		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	22.4	112		0		0-10	74-121
Toluene	20.0	21.9	110		1		0-16	72-121
Ethylbenzene	20.0	22.4	112		1		0-14	72-117
o-Xylene	20.0	22.4	112		1		0-14	66-124
1,1-Dichloroethane	20.0	24.1	121		1		0-18	73-121
1,1,1-Trichloroethane	20.0	23.0	115		1		0-15	72-126
cis-1,3-Dichloropropene	20.0	23.4	117		1		0-22	58-124
Chlorobenzene	20.0	22.6	113		2		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 1 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/22/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-05 Monterey Street, Baldwin Park		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	23.0	115	75-125
Toluene	20.0	22.3	112	75-125
Ethylbenzene	20.0	22.9	115	75-125
o-Xylene	20.0	22.9	115	75-125
1,1-Dichloroethane	20.0	20.3	102	75-125
1,1,1-Trichloroethane	20.0	19.1	96	75-125
cis-1,3-Dichloropropene	20.0	19.6	98	75-125
Chlorobenzene	20.0	18.5	93	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/25/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	MW5-05 Monterey Street, Baldwin Park		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	21.8	109	75-125
Toluene	20.0	21.3	107	75-125
Ethylbenzene	20.0	22.0	110	75-125
o-Xylene	20.0	21.9	110	75-125
1,1-Dichloroethane	20.0	23.3	117	75-125
1,1,1-Trichloroethane	20.0	22.7	114	75-125
cis-1,3-Dichloropropene	20.0	22.1	111	75-125
Chlorobenzene	20.0	21.9	110	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3224
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	3635	17*
Chloromethane	9103	10	7632	16*
Vinyl chloride	7475	9	7567	1
Bromomethane	4053	10	4015	1
Chloroethane	8231	9	8299	1
Trichlorofluoromethane	11964	9	12271	3
1,1-Dichloroethene	11045	9	11490	4
Methylene chloride	14825	12	14376	3
trans-1,2-Dichloroethene	11709	10	12070	3
1,1-Dichloroethane	11841	10	12284	4
cis-1,2-Dichloroethene	12091	9	12127	0
2,2-Dichloropropane	10669	12	10861	2
Bromochloromethane	8662	11	8679	0
Chloroform	15533	10	15367	1
1,1,1-Trichloroethane	14156	10	13718	3
Carbon tetrachloride	16313	9	15897	3
1,1-Dichloropropene	5579	14	5743	3
1,2-Dichloroethane	11607	9	11185	4
Trichloroethene	14474	8	13608	6
1,2-Dichloropropane	11206	8	10889	3
Dibromomethane	5500	11	5663	3
Bromodichloromethane	11224	9	11028	2
2-Chloroethyl vinyl ether	5579	14	5743	3
cis-1,3-Dichloropropene	9669	9	9743	1
trans-1,3-Dichloropropene	8941	8	9070	1
1,1,2-Trichloroethane	11768	6	11493	2
Tetrachloroethene	13939	9	13456	3
1,3-Dichloropropane	9412	8	9141	3
Dibromochloromethane	7533	13	7376	2
1,2-Dibromoethane	5371	8	5045	6
Chlorobenzene	5594	8	5551	1
1,1,1,2-Tetrachloroethane	13135	8	13513	3
Bromoform	5407	14	5488	1
1,1,2,2-Tetrachloroethane	9429	10	8881	6
1,2,3-Trichloropropane	7711	10	7039	9
2-Chlorotoluene	4767	8	4986	5
4-Chlorotoluene	4825	7	5016	4
1,3-Dichlorobenzene	7645	8	7943	4
1,4-Dichlorobenzene	8104	8	8181	1
1,2-Dichlorobenzene	7800	7	7932	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3224
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2432	2
1,2,4-Trichlorobenzene	8865	8	9018	2
Hexachlorobutadiene	12492	9	12975	4
1,2,3-Trichlorobenzene	8957	8	9115	2
Benzene	3199	5	3528	10
Toluene	3013	5	3261	8
Ethylbenzene	2654	5	2929	10
p,m-Xylenes	3095	3	3410	10
o-Xylene	2666	4	2946	11
Styrene	3501	3	3786	8
Isopropylbenzene	1967	7	2208	12
Bromobenzene	3251	3	3516	8
Propylbenzene	2841	13	3173	12
1,3,5-Trimethylbenzene	3661	3	4034	10
tert-Butylbenzene	2109	5	2286	8
1,2,4-Trimethylbenzene	2784	3	3064	10
sec-Butylbenzene	2178	3	2417	11
4-Isopropyltoluene	2137	4	2326	9
n-Butylbenzene	2350	2	2607	11
Naphthalene	2501	14	2603	4

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3224
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4499	3
Chloromethane	9103	10	8063	11
Vinyl chloride	7475	9	8410	13
Bromomethane	4053	10	4454	10
Chloroethane	8231	9	8902	8
Trichlorofluoromethane	11964	9	12669	6
1,1-Dichloroethene	11045	9	11809	7
Methylene chloride	14825	12	14691	1
trans-1,2-Dichloroethene	11709	10	12577	7
1,1-Dichloroethane	11841	10	12788	8
cis-1,2-Dichloroethene	12091	9	12733	5
2,2-Dichloropropane	10669	12	11177	5
Bromochloromethane	8662	11	9263	7
Chloroform	15533	10	16138	4
1,1,1-Trichloroethane	14156	10	14722	4
Carbon tetrachloride	16313	9	17080	5
1,1-Dichloropropene	5579	14	6005	8
1,2-Dichloroethane	11607	9	12112	4
Trichloroethene	14474	8	14952	3
1,2-Dichloropropane	11206	8	11607	4
Dibromomethane	5500	11	6119	11
Bromodichloromethane	11224	9	11845	6
2-Chloroethyl vinyl ether	5579	14	6005	8
cis-1,3-Dichloropropene	9669	9	10549	9
trans-1,3-Dichloropropene	8941	8	9907	11
1,1,2-Trichloroethane	11768	6	12599	7
Tetrachloroethene	13939	9	14562	4
1,3-Dichloropropane	9412	8	10082	7
Dibromochloromethane	7533	13	8348	11
1,2-Dibromoethane	5371	8	5748	7
Chlorobenzene	5594	8	5861	5
1,1,1,2-Tetrachloroethane	13135	8	14235	8
Bromoform	5407	14	6109	13
1,1,2,2-Tetrachloroethane	9429	10	9979	6
1,2,3-Trichloropropane	7711	10	8059	5
2-Chlorotoluene	4767	8	5218	9
4-Chlorotoluene	4825	7	5267	9
1,3-Dichlorobenzene	7645	8	8353	9
1,4-Dichlorobenzene	8104	8	8665	7
1,2-Dichlorobenzene	7800	7	8391	8

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3224
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2916	17*
1,2,4-Trichlorobenzene	8865	8	9590	8
Hexachlorobutadiene	12492	9	13401	7
1,2,3-Trichlorobenzene	8957	8	9601	7
Benzene	3199	5	3617	13
Toluene	3013	5	3285	9
Ethylbenzene	2654	5	2983	12
p,m-Xylenes	3095	3	3456	12
o-Xylene	2666	4	2996	12
Styrene	3501	3	3836	10
Isopropylbenzene	1967	7	2236	14
Bromobenzene	3251	3	3588	10
Propylbenzene	2841	13	2871	1
1,3,5-Trimethylbenzene	3661	3	4085	12
tert-Butylbenzene	2109	5	2296	9
1,2,4-Trimethylbenzene	2784	3	3098	11
sec-Butylbenzene	2178	3	2429	12
4-Isopropyltoluene	2137	4	2337	9
n-Butylbenzene	2350	2	2605	11
Naphthalene	2501	14	2844	14

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3224
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/15/96
		Daily Calibration Date:	03/23/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4495	3
Chloromethane	9103	10	7822	14
Vinyl chloride	7475	9	8001	7
Bromomethane	4053	10	4287	6
Chloroethane	8231	9	8670	5
Trichlorofluoromethane	11964	9	12758	7
1,1-Dichloroethene	11045	9	11809	7
Methylene chloride	14825	12	15149	2
trans-1,2-Dichloroethene	11709	10	12491	7
1,1-Dichloroethane	11841	10	12625	7
cis-1,2-Dichloroethene	12091	9	12702	5
2,2-Dichloropropane	10669	12	10173	5
Bromochloromethane	8662	11	9099	5
Chloroform	15533	10	16074	3
1,1,1-Trichloroethane	14156	10	14442	2
Carbon tetrachloride	16313	9	17043	4
1,1-Dichloropropene	5579	14	6068	9
1,2-Dichloroethane	11607	9	11862	2
Trichloroethene	14474	8	14677	1
1,2-Dichloropropane	11206	8	11299	1
Dibromomethane	5500	11	5995	9
Bromodichloromethane	11224	9	11633	4
2-Chloroethyl vinyl ether	5579	14	6068	9
cis-1,3-Dichloropropene	9669	9	9682	0
trans-1,3-Dichloropropene	8941	8	8899	0
1,1,2-Trichloroethane	11768	6	12128	3
Tetrachloroethene	13939	9	14005	0
1,3-Dichloropropane	9412	8	9640	2
Dibromochloromethane	7533	13	8184	9
1,2-Dibromoethane	5371	8	5492	2
Chlorobenzene	5594	8	5797	4
1,1,1,2-Tetrachloroethane	13135	8	13678	4
Bromoform	5407	14	5846	8
1,1,2,2-Tetrachloroethane	9429	10	9093	4
1,2,3-Trichloropropane	7711	10	7465	3
2-Chlorotoluene	4767	8	4950	4
4-Chlorotoluene	4825	7	4943	2
1,3-Dichlorobenzene	7645	8	7912	3
1,4-Dichlorobenzene	8104	8	8285	2
1,2-Dichlorobenzene	7800	7	8065	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3224
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/23/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2657	7
1,2,4-Trichlorobenzene	8865	8	8824	0
Hexachlorobutadiene	12492	9	12323	1
1,2,3-Trichlorobenzene	8957	8	8855	1
Benzene	3199	5	3512	10
Toluene	3013	5	3229	7
Ethylbenzene	2654	5	2901	9
p,m-Xylenes	3095	3	3365	9
o-Xylene	2666	4	2926	10
Styrene	3501	3	3722	6
Isopropylbenzene	1967	7	2191	11
Bromobenzene	3251	3	3499	8
Propylbenzene	2841	13	2805	1
1,3,5-Trimethylbenzene	3661	3	3943	8
tert-Butylbenzene	2109	5	2237	6
1,2,4-Trimethylbenzene	2784	3	2999	8
sec-Butylbenzene	2178	3	2363	8
4-Isopropyltoluene	2137	4	2243	5
n-Butylbenzene	2350	2	2475	5
Naphthalene	2501	14	2744	10

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3224
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/23/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4624	6
Chloromethane	9103	10	7866	14
Vinyl chloride	7475	9	8061	8
Bromomethane	4053	10	4378	8
Chloroethane	8231	9	8831	7
Trichlorofluoromethane	11964	9	13056	9
1,1-Dichloroethene	11045	9	12296	11
Methylene chloride	14825	12	15478	4
trans-1,2-Dichloroethene	11709	10	12998	11
1,1-Dichloroethane	11841	10	13254	12
cis-1,2-Dichloroethene	12091	9	13352	10
2,2-Dichloropropane	10669	12	10983	3
Bromochloromethane	8662	11	9810	13
Chloroform	15533	10	16960	9
1,1,1-Trichloroethane	14156	10	15496	9
Carbon tetrachloride	16313	9	18347	12
1,1-Dichloropropene	5579	14	6489	16*
1,2-Dichloroethane	11607	9	12882	11
Trichloroethene	14474	8	15640	8
1,2-Dichloropropane	11206	8	12119	8
Dibromomethane	5500	11	6664	21*
Bromodichloromethane	11224	9	12544	12
2-Chloroethyl vinyl ether	5579	14	6489	16*
cis-1,3-Dichloropropene	9669	9	10826	12
trans-1,3-Dichloropropene	8941	8	10054	12
1,1,2-Trichloroethane	11768	6	13190	12
Tetrachloroethene	13939	9	14798	6
1,3-Dichloropropane	9412	8	10584	12
Dibromochloromethane	7533	13	8897	18*
1,2-Dibromoethane	5371	8	6068	13
Chlorobenzene	5594	8	6151	10
1,1,1,2-Tetrachloroethane	13135	8	14486	10
Bromoform	5407	14	6432	19*
1,1,2,2-Tetrachloroethane	9429	10	10153	8
1,2,3-Trichloropropane	7711	10	8471	10
2-Chlorotoluene	4767	8	5269	11
4-Chlorotoluene	4825	7	5239	9
1,3-Dichlorobenzene	7645	8	8239	8
1,4-Dichlorobenzene	8104	8	8588	6
1,2-Dichlorobenzene	7800	7	8501	9

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3224
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/23/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	3104	25*
1,2,4-Trichlorobenzene	8865	8	9103	3
Hexachlorobutadiene	12492	9	13100	5
1,2,3-Trichlorobenzene	8957	8	9193	3
Benzene	3199	5	3432	7
Toluene	3013	5	3152	5
Ethylbenzene	2654	5	2860	8
p,m-Xylenes	3095	3	3312	7
o-Xylene	2666	4	2886	8
Styrene	3501	3	3694	6
Isopropylbenzene	1967	7	2157	10
Bromobenzene	3251	3	3462	6
Propylbenzene	2841	13	2893	2
1,3,5-Trimethylbenzene	3661	3	3891	6
tert-Butylbenzene	2109	5	2221	5
1,2,4-Trimethylbenzene	2784	3	2931	5
sec-Butylbenzene	2178	3	2331	7
4-Isopropyltoluene	2137	4	2189	2
n-Butylbenzene	2350	2	2340	0
Naphthalene	2501	14	2608	4

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3224
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/25/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4525	3
Chloromethane	9103	10	8555	6
Vinyl chloride	7475	9	8170	9
Bromomethane	4053	10	4249	5
Chloroethane	8231	9	8825	7
Trichlorofluoromethane	11964	9	12687	6
1,1-Dichloroethene	11045	9	11825	7
Methylene chloride	14825	12	14323	3
trans-1,2-Dichloroethene	11709	10	12413	6
1,1-Dichloroethane	11841	10	12497	6
cis-1,2-Dichloroethene	12091	9	12309	2
2,2-Dichloropropane	10669	12	11295	6
Bromochloromethane	8662	11	8624	0
Chloroform	15533	10	15564	0
1,1,1-Trichloroethane	14156	10	14237	1
Carbon tetrachloride	16313	9	16532	1
1,1-Dichloropropene	5579	14	5964	7
1,2-Dichloroethane	11607	9	11376	2
Trichloroethene	14474	8	14106	3
1,2-Dichloropropane	11206	8	10893	3
Dibromomethane	5500	11	5445	1
Bromodichloromethane	11224	9	11113	1
2-Chloroethyl vinyl ether	5579	14	5964	7
cis-1,3-Dichloropropene	9669	9	9772	1
trans-1,3-Dichloropropene	8941	8	8980	0
1,1,2-Trichloroethane	11768	6	11264	4
Tetrachloroethene	13939	9	13601	2
1,3-Dichloropropane	9412	8	9027	4
Dibromochloromethane	7533	13	7491	1
1,2-Dibromoethane	5371	8	4831	10
Chlorobenzene	5594	8	5498	2
1,1,1,2-Tetrachloroethane	13135	8	12992	1
Bromoform	5407	14	5256	3
1,1,2,2-Tetrachloroethane	9429	10	8920	5
1,2,3-Trichloropropane	7711	10	6857	11
2-Chlorotoluene	4767	8	4855	2
4-Chlorotoluene	4825	7	4865	1
1,3-Dichlorobenzene	7645	8	7713	1
1,4-Dichlorobenzene	8104	8	7990	1
1,2-Dichlorobenzene	7800	7	7671	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3224
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/25/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2375	5
1,2,4-Trichlorobenzene	8865	8	8580	3
Hexachlorobutadiene	12492	9	12575	1
1,2,3-Trichlorobenzene	8957	8	8417	6
Benzene	3199	5	3689	15
Toluene	3013	5	3412	13
Ethylbenzene	2654	5	3069	16*
p,m-Xylenes	3095	3	3557	15
o-Xylene	2666	4	3056	15
Styrene	3501	3	3928	12
Isopropylbenzene	1967	7	2316	18*
Bromobenzene	3251	3	3620	11
Propylbenzene	2841	13	3102	9
1,3,5-Trimethylbenzene	3661	3	4177	14
tert-Butylbenzene	2109	5	2384	13
1,2,4-Trimethylbenzene	2784	3	3176	14
sec-Butylbenzene	2178	3	2517	16*
4-Isopropyltoluene	2137	4	2389	12
n-Butylbenzene	2350	2	2630	12
Naphthalene	2501	14	2617	5

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/20/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05 Monterey Street, Baldwin Park	Date Analyzed:	03/22/96-03/26/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50501-032096	Lab Sample ID:	L3224-1

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0917	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00221	
Copper	Copper	6010	0.00270	U
Iron	Iron	6010	0.135	
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.00871	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	50.4	
Magnesium	Magnesium	6010	11.4	
Potassium	Potassium	6010	3.61	
Sodium	Sodium	6010	12.2	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/20/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05 Monterey Street, Baldwin Park	Date Analyzed:	03/22/96-03/26/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50502-032096	Lab Sample ID:	L3224-4

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0629	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00270	U
Iron	Iron	6010	0.373	
Lead	Lead	7421	0.00102	
Manganese	Manganese	6010	0.0300	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	23.0	
Magnesium	Magnesium	6010	12.9	
Potassium	Potassium	6010	4.46	
Sodium	Sodium	6010	15.5	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/20/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05 Monterey Street, Baldwin Park	Date Analyzed:	03/22/96-03/26/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50503-032096	Lab Sample ID:	L3224-7

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0894	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00203	
Copper	Copper	6010	0.00270	U
Iron	Iron	6010	0.0323	
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.00367	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0229	
Calcium	Calcium	6010	55.1	
Magnesium	Magnesium	6010	12.3	
Potassium	Potassium	6010	3.95	
Sodium	Sodium	6010	12.4	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/20/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05 Monterey Street, Baldwin Park	Date Analyzed:	03/22/96-03/26/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50504-032096	Lab Sample ID:	L3224-10

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0587	
Arsenic	Arsenic	7060	0.00338	
Barium	Barium	6010	0.133	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00270	U
Iron	Iron	6010	0.106	
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.00619	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0298	
Calcium	Calcium	6010	73.3	
Magnesium	Magnesium	6010	17.8	
Potassium	Potassium	6010	4.84	
Sodium	Sodium	6010	17.4	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/20/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05 Monterey Street, Baldwin Park	Date Analyzed:	03/22/96-03/26/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50504N-032096	Lab Sample ID:	L3224-13

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.00168	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00247	
Copper	Copper	6010	0.00270	U
Iron	Iron	6010	0.0225	U
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.0164	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0310	
Calcium	Calcium	6010	0.435	
Magnesium	Magnesium	6010	0.153	
Potassium	Potassium	6010	0.368	
Sodium	Sodium	6010	0.414	

Comments:

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METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/20/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/21/96
Project Address:	MW5-05 Monterey Street, Baldwin Park	Date Analyzed:	03/22/96-03/26/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-MW50504K-032096	Lab Sample ID:	L3224-15

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0879	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00270	U
Iron	Iron	6010	0.0279	
Lead	Lead	7421	0.000920	
Manganese	Manganese	6010	0.00200	U
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	52.7	
Magnesium	Magnesium	6010	11.9	
Potassium	Potassium	6010	3.64	
Sodium	Sodium	6010	11.9	

Comments:

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-05
Monterey Street, Baldwin Park

Report Date: 04/08/96
Lab P.N.: L3224
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum	2.50	2.64	106	1.00	1.07	107	1.05	105	6010
Arsenic	0.0250	0.0258	103	0.0250	0.0251	100	0.0253	101	7060
Barium	2.50	2.58	103	1.00	1.02	102	1.02	102	6010
Cadmium	1.25	1.29	103	2.50	2.65	107	2.68	108	6010
Chromium	2.50	2.57	103	2.50	2.68	107	2.67	107	6010
Copper	2.50	2.50	100	2.50	2.58	103	2.56	102	6010
Iron	2.50	2.58	103	2.50	2.66	107	2.62	105	6010
Lead	0.0250	0.0253	101	0.0250	0.0251	100	0.0252	101	7421
Manganese	2.50	2.72	108	2.50	2.72	109	2.64	106	6010
Nickel	2.50	2.61	105	2.50	2.73	109	2.75	110	6010
Zinc	2.50	2.57	103	2.50	2.67	107	2.67	107	6010
Mercury	0.00500	0.00487	97	0.00300	0.00297	99	0.00297	99	7470
Calcium	25.0	25.3	101	2.50	2.68	108	2.73	110	6010
Magnisium	25.0	26.3	105	2.50	2.60	104	2.57	103	6010
Potassium	25.0	25.5	102	10.0	10.2	102	10.2	102	6010
Sodium	25.0	25.6	102	1.00	1.04	104	1.04	104	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-05 Monterey Street, Baldwin Park		
Concentration:	mg/l		

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				1.00	1.04	104	1.03	103	6010
Arsenic				0.0250	0.0269	108	0.0260	104	7060
Barium				1.00	1.01	101	1.02	102	6010
Cadmium				2.50	2.66	107	2.67	107	6010
Chromium				2.50	2.60	104	2.56	102	6010
Copper				2.50	2.53	101	2.52	100	6010
Iron				2.50	2.53	102	2.49	100	6010
Lead				0.0250	0.0250	100	0.0250	100	7421
Manganese				2.50	2.74	110	2.57	103	6010
Nickel				2.50	2.73	109	2.73	109	6010
Zinc				2.50	2.65	106	2.63	105	6010
Mercury				0.00300	0.00295	98	-	-	7470
Calcium				2.50	2.62	105	2.59	104	6010
Magnisium				2.50	2.51	101	2.51	101	6010
Potassium				10.0	10.4	104	10.4	104	6010
Sodium				1.00	1.03	103	1.06	106	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-05 Monterey Street, Baldwin Park		

Matrix: Liquid
Date Analyzed: 03/22/96-03/26/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum	0.0437	U	0.0437	U	0.0437	U	0.0437	U	0.0855		6010
Arsenic	0.00299	U	0.00299	U	0.00299	U	0.00299	U	0.00299	U	7060
Barium	0.00134	U	0.00134	U	0.00134	U	0.00134	U	0.00154		6010
Cadmium	0.00170	U	0.00266		0.00229		0.00210		0.00170	U	6010
Chromium	0.00180	U	0.00180	U	0.00180	U	0.00180	U	0.00180	U	6010
Copper	0.00270	U	0.00270	U	0.00270	U	0.00270	U	0.00270	U	6010
Iron	0.00277		0.0115		0.00461		0.00280		0.0397		6010
Lead	0.000636	U	0.000636	U	0.000636	U	0.00469		0.000636	U	7421
Manganese	0.00309		0.00200	U	0.00200	U	0.00200	U	0.00200	U	6010
Mercury	0.000173	U	0.000173	U	0.000173	U	0.000173	U	0.000173	U	7470
Nickel	0.00470	U	0.00470	U	0.00470	U	0.00470	U	0.00470	U	6010
Zinc	0.0175	U	0.0175	U	0.0175	U	0.0175	U	0.0175	U	6010
Calcium	0.102	U	0.102	U	0.102	U	0.102	U	0.299		6010
Magnesium	0.0379	U	0.0379	U	0.0379	U	0.0379	U	0.144		6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium	0.108	U	0.108	U	0.108	U	0.108	U	0.217		6010

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METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-05 Monterey Street, Baldwin Park		

Matrix: Liquid
Date Analyzed: 03/22/96-03/26/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum			0.0437	U							6010
Arsenic			0.00299	U							7060
Barium			0.00134	U							6010
Cadmium			0.00269								6010
Chromium			0.00180	U							6010
Copper			0.00270	U							6010
Iron			0.00287								6010
Lead			0.000636	U							7421
Manganese			0.00200	U							6010
Mercury											7470
Nickel			0.00470	U							6010
Zinc			0.0175	U							6010
Calcium			0.102	U							6010
Magnesium			0.0379	U							6010
Potassium			0.358	U							6010
Sodium			0.108	U							6010

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ICP INTERFERENCE CHECK SAMPLE

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-05 Monterey Street, Baldwin Park		
Concentration Unit:	mg/l		

	Initial			Final		
Analyte	True Sol. AB	Found Sol. AB	%R	True Sol. AB	Found Sol. AB	%R
Aluminum	500	513	103	500	481	96
Barium	0.500	0.473	95	0.500	0.497	100
Cadmium	1.00	0.971	97	1.00	0.987	99
Chromium	0.500	0.498	100	0.500	0.496	99
Copper	0.500	0.454	91	0.500	0.432	86
Iron	200	183	92	200	163	82
Manganese	0.500	0.426	85	0.500	0.401	80
Nickel	1.00	0.905	91	1.00	0.897	90
Zinc	1.00	0.992	99	1.00	0.968	97
Calcium	500	493	99	500	460	92
Magnesium	500	512	102	500	479	96

%R control limits = 80 - 120 %.

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METALS SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-05
Monterey Street, Baldwin Park

Report Date: 04/08/96
Lab P.N.: L3224
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3219-12
Client Sample ID: BW-GW-MW50309-031996
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/25/96	2.000	0.000	1.96	98	6010
Arsenic	03/26/96	0.0400	0.000	0.0484	121	7060
Barium	03/25/96	2.00	0.549	2.38	92	6010
Cadmium	03/25/96	2.00	0.000	1.86	93	6010
Chromium	03/25/96	2.00	0.000	1.84	92	6010
Copper	03/25/96	2.00	0.00401	1.81	90	6010
Iron	03/25/96	2.00	0.150	1.87	94	6010
Lead	03/26/96	0.0120	0.000	0.0122	102	7421
Manganese	03/26/96	2.00	0.0369	1.79	88	6010
Nickel	03/25/96	2.00	0.000	1.85	92	6010
Zinc	03/25/96	2.00	0.0343	1.88	92	6010
Mercury	03/26/96	0.00200	0.000	0.00194	97	7470
Calcium	03/25/96	2.00	241	245	174*	6010
Magnesium	03/25/96	2.00	53.5	55.5	100	6010
Potassium	03/25/96	20.0	7.87	27.1	96	6010
Sodium	03/25/96	2.00	33.4	35.2	87	6010

Column used to flag recovery values with an asterisk
*Value outside of control limits
Spike Recovery: 1 out of 16 outside limits.

Conc Spk = Concentration of Spike in Sample
%MS = Percent Recovery of MS
Control limits for Spike Samples are 75-125%.

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METALS POST SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-05
Monterey Street, Baldwin Park

Report Date: 04/08/96
Lab P.N.: L3224
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3219-12
Client Sample ID: BP-GW-MW50309-031996
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/25/96	5.00	0.000	5.27	105	6010
Arsenic	03/26/96	0.0200	0.000	0.0235	118	7060
Barium	03/25/96	5.00	0.549	5.64	102	6010
Cadmium	03/25/96	5.00	0.000	5.36	107	6010
Chromium	03/25/96	5.00	0.000	5.29	106	6010
Copper	03/25/96	5.00	0.00401	5.09	102	6010
Iron	03/25/96	5.00	0.150	5.37	104	6010
Lead	03/26/96	0.0200	0.000	0.0219	110	7421
Manganese	03/26/96	5.00	0.0369	5.14	102	6010
Nickel	03/25/96	5.00	0.000	5.51	110	6010
Zinc	03/25/96	5.00	0.0343	5.40	107	6010
Calcium	03/25/96	5.00	241	264	460*	6010
Magnesium	03/25/96	5.00	53.5	62.3	176*	6010
Potassium	03/25/96	50.0	7.87	62.0	108	6010
Sodium	03/25/96	5.00	33.4	40.1	134*	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 3 out of 15 outside limits.

Conc Spk = Concentration of Spike in Sample.
%MS = Percent Recovery of MS.
Control limits for Post Digest Spike Samples are 75-125%.

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METALS DUPLICATES

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-05
Monterey Street, Baldwin Park

Report Date: 04/08/96
Lab P.N.: L3224
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3219-12
Client Sample ID: BP-GW-MW50309-031996

Concentration Units: mg/l

Metal	Date Analyzed	Sample Result	Duplicate Result	RPD	Method
Barium	03/25/96	0.549	0.526	4	6010
Calcium	03/25/96	241	232	4	6010
Magnesium	03/25/96	53.5	51.1	5	6010
Potassium	03/25/96	7.87	7.82	1	6010
Sodium	03/25/96	33.4	31.7	5	6010

*Value outside control limits

Control limits equal 0-20% if sample and duplicate concentrations >/= 5x MDL.
If both sample and duplicate concentrations are < MDL, then no control limt exists.

0 out of 4 outside limits

Comments: _____

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METALS LABORATORY CONTROL SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: MW5-05
Monterey Street, Baldwin Park

Report Date: 04/08/96
Lab P.N.: L3224
Client P.N.: 2581-112-T4-SAMP

LCS Source: CR1-CRA-3 (Inorganic Ventures Lot #J-MEB25058) & QC-7(SPEX Lot #8-92AS)
QC-19(SPEX Lot #8-67AS), HG stock Std. (SPEX Lot #7-147AS)

Concentration: mg/l

Metal	Date	LCS True Conc.	Result	%RC	Method
Aluminum	03/25/96	2.00	1.87	93	6010
Arsenic	03/26/96	0.0400	0.0411	103	7060
Barium	03/25/96	2.00	1.86	93	6010
Cadmium	03/25/96	2.00	1.81	90	6010
Chromium	03/25/96	2.00	1.88	94	6010
Copper	03/25/96	2.00	1.86	93	6010
Iron	03/25/96	2.00	1.88	94	6010
Lead	03/26/96	0.0120	0.0127	106	7421
Manganese	03/26/96	2.00	1.82	91	6010
Mercury	03/26/96	0.00200	0.00197	99	7470
Nickel	03/25/96	2.00	1.90	95	6010
Zinc	03/25/96	2.00	1.84	92	6010
Calcium	03/25/96	2.00	2.08	104	6010
Magnesium	03/25/96	2.00	1.90	95	6010
Potassium	03/25/96	20.0	18.9	94	6010
Sodium	03/25/96	2.00	2.04	102	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 0 out of 16 outside limits.

Control Limits for Laboratory Control Check Sample are 80-120%.

TMA
Thermo Analytical

ICP SERIAL DILUTIONS

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3224
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	MW5-05 Monterey Street, Baldwin Park		

Matrix: Liquid
Concentration Unit: mg/l
Client Sample ID: BP-GW-MW50309-031996
Lab Sample ID: L3219-12

Metal	Initial Sample Result	Serial Dilution Result	% DIFF	Method
Barium	0.549	0.575	5	6010
Calcium	241	265	10	6010
Magnesium	53.5	57.2	7	6010
Potassium	7.87	7.58	4	6010
Sodium	33.4	34.1	2	6010

%DIFF = % Difference
Series dilution (1:4 with blank water) must be performed for each batch of samples using one representative sample.
%DIFF = [(Sample Result - Series Dilution Result)/Sample Result] X 100

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1920 E. Deere Avenue
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Formerly Terra Tech Labs

LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	4/8/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3224
		Client P.N.:	2581-112-T4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	BPOU Quarterly Sampling	Date Sampled:	3/20/96
Project Address:	MW5-05 Monterey Street, Baldwin Park	Date Received:	3/20/96
		Date Analyzed:	3/22/96-3/25/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Alkalinity (EPA 310.1)	M	91	-	80-120	-	-
Chloride (EPA 300.0)	M	111	112	80-120	1	0-20
Nitrate-N (EPA 300.0)	M	88	84	80-120	4	0-20
Nitrite-N (EPA 300.0)	M	94	93	80-120	1	0-20
Sulfate (EPA 300.0)	M	101	94	80-120	7	0-20

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/8/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3224
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	3/20/96
Project Address:	MW5-05	Date Analyzed:	3/25/96
	Monterey Street, Baldwin Park	Physical State:	Liquid

Client Sample ID	Alkalinity Bicarbonate EPA 310.1 mg/l	Alkalinity Carbonate EPA 310.1 mg/l	Total Dissolved Solids EPA 160.1 mg/l	Total Suspended Solids EPA 160.2 mg/l
BP-GW-MW50501-032096	140	ND	230	ND
BP-GW-MW50502-032096	88	ND	180	ND
BP-GW-MW50503-032096	160	ND	250	ND
BP-GW-MW50504-032096	190	ND	350	ND
BP-GW-MW50504N-032096	1.7	ND	ND	ND
BP-GW-MW50503K-032096	150	ND	230	ND
Quantitation Limits mg/l	1.0	1.0	12	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/8/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3224
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	3/20/96
Project Address:	MW5-05	Date Analyzed:	3/22/96
	Monterey Street, Baldwin Park	Physical State:	Liquid

Client Sample ID	Sulfate EPA 300.0 mg/l	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l	Hardness EPA 130.2 mg/l
BP-GW-MW50501-032096	28	ND	2.0	170
BP-GW-MW50502-032096	26	ND	3.3	100
BP-GW-MW50503-032096	22	ND	3.7	210
BP-GW-MW50504-032096	36	ND	12	270
BP-GW-MW50504N-032096	ND	ND	ND	ND
BP-GW-MW50503K-032096	22	ND	3.7	200
Quantitation Limits mg/l	1.0	0.25	0.25	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/8/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3224
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	3/20/96
Project Address:	MW5-05	Date Analyzed:	3/22/96
	Monterey Street, Baldwin Park	Physical State:	Liquid

Client Sample ID	Chloride EPA 300.0 mg/l	Quantitation Limits mg/l
BP-GW-MW50501-032096	17	0.50
BP-GW-MW50502-032096	16	0.50
BP-GW-MW50503-032096	14	0.50
BP-GW-MW50504-032096	22	1.3
BP-GW-MW50504N-032096	ND	0.25
BP-GW-MW50503K-C32096	14	0.50

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 3/26/96

RECEIVED: 3/21/96

LABORATORY NO. 87128

SAMPLE: Water/5

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-MW50501-032096	100	+/- 14
BP-GW-MW50502-032096	88	+/- 13
BP-GW-MW50503-032096	278	+/- 17
BP-GW-MW50504-032096	137	+/- 17
BP-GW-MW50503K-030296	92	+/- 11

Date Analyzed: 3/21/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

CHAIN-OF-CUSTODY RECORD

Client: Camp Dresser & McKee

Project Name: BPOU Quarterly Sampling

Project Address: MW5-05, Monterey St, Baldwin Park

Project Contact (please print): Suzanne Rowe, Barb Wells

Date: 03-20-96

Client Reference #: 2581-112-T4-SAMP

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Page 1 of 2

Lab Use Only
Lab Job # L3224
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☒ yes ☐ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon (Drafe CL 9/23)	VOC's - 8021	* Metals (Al, As, Sn, Ca, Cr, Cu) 6010/7000	* Cations (Fe, Mn, Ni, Zn, Mg)	TDS, TSS — 160.1/160.2	Anions (Cl, SO4)(NO3, NO2) - 300.0	Alkalinity (CO3, HCO3) - 23.20	Hardness - 130.2	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-MW50501-032096	MW5-05 Zone 1	3-20-96	17:15	L			X	X	X	X	X	X	1	1L Poly	3224-1
	(552-562)			L	X								2	40ml VOA's	-2
				L		X							2	40ml VOA's w/HCl	-3
BP-GW-MW50502-032096	MW5-05 Zone 2		18:15	L			X	X	X	X	X	X	1	1L Poly	-4
	(464-474)			L	X								2	40ml VOA's	-5
				L		X							2	40ml VOA's w/HCl	-6
BP-GW-MW50503-032096	MW5-05 Zone 3		19:15	L			X	X	X	X	X	X	1	1L Poly	-7
	(380-390)			L	X								2	40ml VOA's	-8
				L		X							2	40ml VOA's w/HCl	-9
BP-GW-MW50504-032096	MW5-05 Zone 4		20:45	L			X	X	X	X	X	X	2	1L Poly	-10
	(217-227)			L	X								2	40ml VOA's	-11
				L		X							4	40ml VOA's w/HCl	-12
BP-GW-MW50504N-032096	MW5-05 EQUIP BLANK		21:15	L			X	X	X	X	X	X	1	1L Poly	-13
				L		X							2	40ml VOA's w/HCl	-14
													26	Total Number of Containers	

❶ Relinquished by (signature)* Shannon Sean Immobell	❷ Received by (signature)	Date 3-21-96
Company Camp Dresser & McKee	Company TMA	Time 8:15
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date
Company	Laboratory Name	Time

Special Instructions
* Filter at LAB-ASAP w/ 0.45µm filter; ** Extra value for Lab QC; CLP-like deliverables

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800.377.2322
Fax 714.757.7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602 437.9367 Fax 602 437.9362

CHAIN-OF-CUSTODY RECORD

Client: Camp Dresser & McKee

Date: 03-20-96

Page: 2 of 2

Project Name: BPOU Quarterly Sampling

Client Reference #: 2581-112-T4-SAMP

Project Address: MW5-05, Monterey St, Baldwin Park

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Project Contact (please print): Suzanne Rowe, Barbara Wells

Lab Use Only
Lab Job # L3224
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☑ yes ☐ no
Sealed ☑ yes ☐ no

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon (Draft 9/13)	VOC's - 8021	* Metals (see pg 1) 6010/7000	* Cations (Ca, Mg, K, Na) - 6010	TDS, TSS - 160.1/160.2	Anions (Cl, SO4)(NO3, NO2) - 300.0	Alkalinity (CO3, HCO3) - 2320	Hardness - 130.2	Number of Containers	Containe /Comments	Lab Sample Number
BP-GW-MW5503K-032096		03-20-96	15:30	L			X	X	X	X	X	X	1	1L Poly	3224-15
↓		↓		L	X								2	40ml VOA's	-16
				L		X							2	40ml VOA's w/HCl	-17

❶ Relinquished by (signature)* Shannon Dean Turnbull	❷ Received by (signature) [signature]	Date 3/21/96	5 — 31 total — Total Number of Containers
Company Camp Dresser & McKee	Company TMA	Time 8:15	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date	
Company	Laboratory Name	Time	

Special Instructions

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800.377.2322
Fax 714.757.7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602.437.9367 Fax 602.437.9362

TMA
Thermo Analytical

13 1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

April 18. 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3232

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 3/22/96 were analyzed by Thermo Analytical for: Volatile Organic Compounds (VOC's) by EPA Method 8021, Metals by EPA 6000/7000 methods and various Wet Chemistry parameters.

The EPA Method 8021 samples taken on 3/22/96 were analyzed 3/22/96 - 3/23/96 which is within the allowable method holding time. The samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The Matrix Spike percent recovery for 1,1-Dichloroethane was outside the acceptable QC limits due to possible sample matrix interferences. Since the Matrix Spike Duplicate percent recovery, the relative percent difference and Laboratory Control Sample Spike percent recovery were all within acceptable QC limits, the data was reported as is.

Several continuing calibrations had compounds with percent differences outside the acceptable QC limits. Dichlorodifluoromethane and Chloromethane had percent differences outside the acceptable QC limits for the 3/22/96 beginning continuing calibration. Due to the fact that the response factors were less than the initial calibration response factors, an additional continuing calibration was analyzed prior to the samples. The two compounds had percent differences within the acceptable QC limits. 1,2-Dibromo-3-chloropropane had a percent difference outside the acceptable QC limits. However, the response factor for this compound was greater than the initial calibration response factor. Since the compound was not detected in any of the samples, the data was reported as is.

The Metals were analyzed 3/25/96 - 3/26/96. The matrix spike percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample. The post spike sample percent recoveries for Calcium, Magnesium and Sodium were outside the acceptable QC limits due to the high concentrations found in the native sample.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley
Program Manager

Enclosure

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3232
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/22/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/22/96
Project Address:	Big Dalton Well	Date Analyzed:	03/23/96
	Baldwin Park, CA	Time Analyzed:	04:46
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-01900035-032196	Lab Sample ID:	L3232-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	4.6	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.41	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.86	
156-59-4	cis-1,2-Dichloroethene	1.9	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	1.9	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.86	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	2.0	
79-01-6	Trichloroethene	26	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	4.3	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
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EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3232
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/22/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/22/96
Project Address:	Big Dalton Well Baldwin Park, CA	Date Analyzed:	03/23/96
		Time Analyzed:	04:46
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-01900035-032196	Lab Sample ID:	L3232-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3232
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/22/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/22/96
Project Address:	Big Dalton Well	Date Analyzed:	03/23/96
	Baldwin Park, CA	Time Analyzed:	05:28
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-01900035K-032196	Lab Sample ID:	L3232-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	4.0	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.42	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.83	
156-59-4	cis-1,2-Dichloroethene	2.0	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	1.9	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.82	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	2.0	
79-01-6	Trichloroethene	25	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	6.6	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3232
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	03/22/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	03/22/96
Project Address:	Big Dalton Well	Date Analyzed:	03/23/96
	Baldwin Park, CA	Time Analyzed:	05:28
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-01900035K-032196	Lab Sample ID:	L3232-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3232
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	Big Dalton Well	Date Analyzed:	03/22/96
	Baldwin Park, CA	Time Analyzed:	13:36
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/22 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3232
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	Big Dalton Well	Date Analyzed:	03/22/96
	Baldwin Park, CA	Time Analyzed:	13:36
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	03/22 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3232
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/22/96-03/23/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Big Dalton Well Baldwin Park, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	101	91	112
CCV	100	101	111
CCV	101	92	107
Method Blank	94	90	112
L3232-1	98	101	110
L3232-2	95	103	106
LCS	94	83	113
MS	92	95	100
MSD	93	94	105
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

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EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3232
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/23/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Big Dalton Well Baldwin Park, CA		
Matrix:	Liquid	Lab Sample ID:	L3219-11

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	0.385	21.4	105		74-121
Toluene	20.0	0.166	20.6	102		72-121
Ethylbenzene	20.0	0.0	21.2	106		72-117
o-Xylene	20.0	0.0	21.4	107		66-124
1,1-Dichloroethane	20.0	12.1	26.4	72	*	73-121
1,1,1-Trichloroethane	20.0	1.33	20.4	95		72-126
cis-1,3-Dichloropropene	20.0	0.0	19.9	100		58-124
Chlorobenzene	20.0	0.0	22.7	114		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	21.2	104		1		0-10	74-121
Toluene	20.0	20.3	101		1		0-16	72-121
Ethylbenzene	20.0	20.4	102		4		0-14	72-117
o-Xylene	20.0	20.7	104		3		0-14	66-124
1,1-Dichloroethane	20 0	26.6	73		1		0-18	73-121
1,1,1-Trichloroethane	20.0	19.6	91		4		0-15	72-126
cis-1,3-Dichloropropene	20.0	18.9	95		5		0-22	58-124
Chlorobenzene	20.0	21.3	107		6		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 1 out of 16 outside limits.

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EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3232
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	03/22/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Big Dalton Well Baldwin Park, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	23.0	115	75-125
Toluene	20.0	22.3	112	75-125
Ethylbenzene	20.0	22.9	115	75-125
o-Xylene	20.0	22.9	115	75-125
1,1-Dichloroethane	20.0	20.3	102	75-125
1,1,1-Trichloroethane	20.0	19.1	96	75-125
cis-1,3-Dichloropropene	20.0	19.6	98	75-125
Chlorobenzene	20.0	18.5	93	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

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EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3232
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	3635	17*
Chloromethane	9103	10	7632	16*
Vinyl chloride	7475	9	7567	1
Bromomethane	4053	10	4015	1
Chloroethane	8231	9	8299	1
Trichlorofluoromethane	11964	9	12271	3
1,1-Dichloroethene	11045	9	11490	4
Methylene chloride	14825	12	14376	3
trans-1,2-Dichloroethene	11709	10	12070	3
1,1-Dichloroethane	11841	10	12284	4
cis-1,2-Dichloroethene	12091	9	12127	0
2,2-Dichloropropane	10669	12	10861	2
Bromochloromethane	8662	11	8679	0
Chloroform	15533	10	15367	1
1,1,1-Trichloroethane	14156	10	13718	3
Carbon tetrachloride	16313	9	15897	3
1,1-Dichloropropene	5579	14	5743	3
1,2-Dichloroethane	11607	9	11185	4
Trichloroethene	14474	8	13608	6
1,2-Dichloropropane	11206	8	10889	3
Dibromomethane	5500	11	5663	3
Bromodichloromethane	11224	9	11028	2
2-Chloroethyl vinyl ether	5579	14	5743	3
cis-1,3-Dichloropropene	9669	9	9743	1
trans-1,3-Dichloropropene	8941	8	9070	1
1,1,2-Trichloroethane	11768	6	11493	2
Tetrachloroethene	13939	9	13456	3
1,3-Dichloropropane	9412	8	9141	3
Dibromochloromethane	7533	13	7376	2
1,2-Dibromoethane	5371	8	5045	6
Chlorobenzene	5594	8	5551	1
1,1,1,2-Tetrachloroethane	13135	8	13513	3
Bromoform	5407	14	5488	1
1,1,2,2-Tetrachloroethane	9429	10	8881	6
1,2,3-Trichloropropane	7711	10	7039	9
2-Chlorotoluene	4767	8	4986	5
4-Chlorotoluene	4825	7	5016	4
1,3-Dichlorobenzene	7645	8	7943	4
1,4-Dichlorobenzene	8104	8	8181	1
1,2-Dichlorobenzene	7800	7	7932	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3232
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2432	2
1,2,4-Trichlorobenzene	8865	8	9018	2
Hexachlorobutadiene	12492	9	12975	4
1,2,3-Trichlorobenzene	8957	8	9115	2
Benzene	3199	5	3528	10
Toluene	3013	5	3261	8
Ethylbenzene	2654	5	2929	10
p,m-Xylenes	3095	3	3410	10
o-Xylene	2666	4	2946	11
Styrene	3501	3	3786	8
Isopropylbenzene	1967	7	2208	12
Bromobenzene	3251	3	3516	8
Propylbenzene	2841	13	3173	12
1,3,5-Trimethylbenzene	3661	3	4034	10
tert-Butylbenzene	2109	5	2286	8
1,2,4-Trimethylbenzene	2784	3	3064	10
sec-Butylbenzene	2178	3	2417	11
4-Isopropyltoluene	2137	4	2326	9
n-Butylbenzene	2350	2	2607	11
Naphthalene	2501	14	2603	4

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3232
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4593	5
Chloromethane	9103	10	7795	14
Vinyl chloride	7475	9	7911	6
Bromomethane	4053	10	4321	7
Chloroethane	8231	9	8755	6
Trichlorofluoromethane	11964	9	12858	7
1,1-Dichloroethene	11045	9	11890	8
Methylene chloride	14825	12	14783	0
trans-1,2-Dichloroethene	11709	10	12153	4
1,1-Dichloroethane	11841	10	12191	3
cis-1,2-Dichloroethene	12091	9	12183	1
2,2-Dichloropropane	10669	12	10344	3
Bromochloromethane	8662	11	8871	2
Chloroform	15533	10	15570	0
1,1,1-Trichloroethane	14156	10	14196	0
Carbon tetrachloride	16313	9	17026	4
1,1-Dichloropropene	5579	14	5938	6
1,2-Dichloroethane	11607	9	11385	2
Trichloroethene	14474	8	14299	1
1,2-Dichloropropane	11206	8	11052	1
Dibromomethane	5500	11	5945	8
Bromodichloromethane	11224	9	11252	0
2-Chloroethyl vinyl ether	5579	14	5938	6
cis-1,3-Dichloropropene	9669	9	9749	1
trans-1,3-Dichloropropene	8941	8	9095	2
1,1,2-Trichloroethane	11768	6	11774	0
Tetrachloroethene	13939	9	13922	0
1,3-Dichloropropane	9412	8	9458	0
Dibromochloromethane	7533	13	8091	7
1,2-Dibromoethane	5371	8	5544	3
Chlorobenzene	5594	8	5704	2
1,1,1,2-Tetrachloroethane	13135	8	13345	2
Bromoform	5407	14	5797	7
1,1,2,2-Tetrachloroethane	9429	10	9510	1
1,2,3-Trichloropropane	7711	10	7657	1
2-Chlorotoluene	4767	8	4883	2
4-Chlorotoluene	4825	7	4881	1
1,3-Dichlorobenzene	7645	8	7735	1
1,4-Dichlorobenzene	8104	8	8035	1
1,2-Dichlorobenzene	7800	7	7819	0

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3232
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2916	17*
1,2,4-Trichlorobenzene	8865	8	8692	2
Hexachlorobutadiene	12492	9	12306	1
1,2,3-Trichlorobenzene	8957	8	8636	4
Benzene	3199	5	3294	3
Toluene	3013	5	3023	0
Ethylbenzene	2654	5	2762	4
p,m-Xylenes	3095	3	3203	3
o-Xylene	2666	4	2763	4
Styrene	3501	3	3515	0
Isopropylbenzene	1967	7	2083	6
Bromobenzene	3251	3	3273	1
Propylbenzene	2841	13	2687	5
1,3,5-Trimethylbenzene	3661	3	3775	3
tert-Butylbenzene	2109	5	2146	2
1,2,4-Trimethylbenzene	2784	3	2855	3
sec-Butylbenzene	2178	3	2268	4
4-Isopropyltoluene	2137	4	2152	1
n-Butylbenzene	2350	2	2391	2
Naphthalene	2501	14	2569	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3232
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/23/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4495	3
Chloromethane	9103	10	7822	14
Vinyl chloride	7475	9	8001	7
Bromomethane	4053	10	4287	6
Chloroethane	8231	9	8670	5
Trichlorofluoromethane	11964	9	12758	7
1,1-Dichloroethene	11045	9	11809	7
Methylene chloride	14825	12	15149	2
trans-1,2-Dichloroethene	11709	10	12491	7
1,1-Dichloroethane	11841	10	12625	7
cis-1,2-Dichloroethene	12091	9	12702	5
2,2-Dichloropropane	10669	12	10173	5
Bromochloromethane	8662	11	9099	5
Chloroform	15533	10	16074	3
1,1,1-Trichloroethane	14156	10	14442	2
Carbon tetrachloride	16313	9	17043	4
1,1-Dichloropropene	5579	14	6068	9
1,2-Dichloroethane	11607	9	11862	2
Trichloroethene	14474	8	14677	1
1,2-Dichloropropane	11206	8	11299	1
Dibromomethane	5500	11	5995	9
Bromodichloromethane	11224	9	11633	4
2-Chloroethyl vinyl ether	5579	14	6068	9
cis-1,3-Dichloropropene	9669	9	9682	0
trans-1,3-Dichloropropene	8941	8	8899	0
1,1.2-Trichloroethane	11768	6	12128	3
Tetrachloroethene	13939	9	14005	0
1,3-Dichloropropane	9412	8	9640	2
Dibromochloromethane	7533	13	8184	9
1,2-Dibromoethane	5371	8	5492	2
Chlorobenzene	5594	8	5797	4
1,1.1,2-Tetrachloroethane	13135	8	13678	4
Bromoform	5407	14	5846	8
1,1,2,2-Tetrachloroethane	9429	10	9093	4
1,2,3-Trichloropropane	7711	10	7465	3
2-Chlorotoluene	4767	8	4950	4
4-Chlorotoluene	4825	7	4943	2
1,3-Dichlorobenzene	7645	8	7912	3
1,4-Dichlorobenzene	8104	8	8285	2
1,2-Dichlorobenzene	7800	7	8065	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/08/96
		Lab P.N.:	L3232
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	03/23/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2657	7
1,2,4-Trichlorobenzene	8865	8	8824	0
Hexachlorobutadiene	12492	9	12323	1
1,2,3-Trichlorobenzene	8957	8	8855	1
Benzene	3199	5	3512	10
Toluene	3013	5	3229	7
Ethylbenzene	2654	5	2901	9
p,m-Xylenes	3095	3	3365	9
o-Xylene	2666	4	2926	10
Styrene	3501	3	3722	6
Isopropylbenzene	1967	7	2191	11
Bromobenzene	3251	3	3499	8
Propylbenzene	2841	13	2805	1
1,3,5-Trimethylbenzene	3661	3	3943	8
tert-Butylbenzene	2109	5	2237	6
1,2,4-Trimethylbenzene	2784	3	2999	8
sec-Butylbenzene	2178	3	2363	8
4-Isopropyltoluene	2137	4	2243	5
n-Butylbenzene	2350	2	2475	5
Naphthalene	2501	14	2744	10

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3232
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/22/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/22/96
Project Address:	Big Dalton Well Baldwin Park, CA	Date Analyzed:	03/22/96-03/26/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-01900035-032196	Lab Sample ID:	L3232-1

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00321	
Barium	Barium	6010	0.114	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00484	
Copper	Copper	6010	0.00270	U
Iron	Iron	6010	0.920	
Lead	Lead	7421	0.00323	
Manganese	Manganese	6010	0.00785	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0304	
Calcium	Calcium	6010	59.7	
Magnesium	Magnesium	6010	10.4	
Potassium	Potassium	6010	3.44	
Sodium	Sodium	6010	16.6	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3232
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	03/22/96
Project Name:	BPOU Quarterly Sampling	Date Received:	03/22/96
Project Address:	Big Dalton Well Baldwin Park, CA	Date Analyzed:	03/22/96-03/26/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-01900035K-032196	Lab Sample ID:	L3232-2

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.114	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00462	
Copper	Copper	6010	0.00270	U
Iron	Iron	6010	2.07	
Lead	Lead	7421	0.00476	
Manganese	Manganese	6010	0.0160	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0265	
Calcium	Calcium	6010	60.1	
Magnesium	Magnesium	6010	10.4	
Potassium	Potassium	6010	3.51	
Sodium	Sodium	6010	16.3	

Comments:

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Big Dalton Well
Baldwin Park, CA

Report Date: 04/08/96
Lab P.N.: L3232
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum	2.50	2.64	106	1.00	1.07	107	1.05	105	6010
Arsenic	0.0250	0.0258	103	0.0250	0.0251	100	0.0253	101	7060
Barium	2.50	2.58	103	1.00	1.02	102	1.02	102	6010
Cadmium	1.25	1.29	103	2.50	2.65	107	2.68	108	6010
Chromium	2.50	2.57	103	2.50	2.68	107	2.67	106	6010
Copper	2.50	2.50	100	2.50	2.58	102	2.56	102	6010
Iron	2.50	2.58	103	2.50	2.66	107	2.62	105	6010
Lead	0.0250	0.0253	101	0.0250	0.0251	100	0.0252	101	7421
Manganese	2.50	2.72	108	2.50	2.72	109	2.64	106	6010
Nickel	2.50	2.61	104	2.50	2.73	109	2.75	110	6010
Zinc	2.50	2.57	103	2.50	2.67	107	2.67	107	6010
Mercury	0.00500	0.00487	97	0.00300	0.00297	99	0.00297	99	7470
Calcium	25.0	25.3	101	2.50	2.68	108	2.73	110	6010
Magnesium	25.0	26.3	105	2.50	2.60	104	2.57	103	6010
Potassium	25.0	25.5	102	10.0	10.2	102	10.2	102	6010
Sodium	25.0	25.6	102	1.00	1.04	104	1.04	104	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Big Dalton Well
Baldwin Park, CA

Report Date: 04/08/96
Lab P.N.: L3232
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				1.00	1.04	104	1.03	103	6010
Arsenic				0.0250	0.0269	108	0.0260	104	7060
Barium				1.00	1.01	101	1.02	102	6010
Cadmium				2.50	2.66	107	2.67	107	6010
Chromium				2.50	2.60	104	2.56	102	6010
Copper				2.50	2.54	101	2.52	100	6010
Iron				2.50	2.53	102	2.49	100	6010
Lead				0.0250	0.0250	100	0.0250	100	7421
Manganese				2.50	2.74	110	2.57	103	6010
Nickel				2.50	2.73	109	2.73	109	6010
Zinc				2.50	2.65	106	2.63	105	6010
Mercury				0.00300	0.00295	98	-	-	7470
Calcium				2.50	2.62	105	2.59	104	6010
Magnesium				2.50	2.51	101	2.51	101	6010
Potassium				10.0	10.4	104	10.4	104	6010
Sodium				1.00	1.03	103	1.06	106	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3232
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	Big Dalton Well Baldwin Park, CA		

Matrix: Liquid
Date Analyzed: 03/22/96-03/26/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum	0.0437	U	0.0437	U	0.0437	U	0.0437	U	0.0855		6010
Arsenic	0.00299	U	0.00299	U	0.00299	U	0.00299	U	0.00299	U	7060
Barium	0.00134	U	0.00134	U	0.00134	U	0.00134	U	0.00154		6010
Cadmium	0.00170	U	0.00266		0.00229		0.00210		0.00170	U	6010
Chromium	0.00180	U	0.00180	U	0.00180	U	0.00180	U	0.00180	U	6010
Copper	0.00270	U	0.00270	U	0.00270	U	0.00270	U	0.00270	U	6010
Iron	0.00277		0.0115		0.00461		0.00280		0.0397		6010
Lead	0.000636	U	0.000636	U	0.000636	U	0.00469		0.000636	U	7421
Manganese	0.00309		0.00200	U	0.00200	U	0.00200	U	0.00200	U	6010
Mercury	0.000173	U	0.000173	U	0.000173	U	0.000173	U	0.000173	U	7470
Nickel	0.00470	U	0.00470	U	0.00470	U	0.00470	U	0.00470	U	6010
Zinc	0.0175	U	0.0175	U	0.0175	U	0.0175	U	0.0175	U	6010
Calcium	0.102	U	0.102	U	0.102	U	0.102	U	0.299		6010
Magnesium	0.0379	U	0.0379	U	0.0379	U	0.0379	U	0.144		6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium	0.108	U	0.108	U	0.108	U	0.108	U	0.217		6010

TMA
Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3232
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	Big Dalton Well Baldwin Park, CA		

Matrix: Liquid
Date Analyzed: 03/22/96-03/26/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum			0.0437	U							6010
Arsenic			0.00299	U							7060
Barium			0.00134	U							6010
Cadmium			0.00269								6010
Chromium			0.00180	U							6010
Copper			0.00270	U							6010
Iron			0.00287								6010
Lead			0.000636	U							7421
Manganese			0.00200	U							6010
Mercury											7470
Nickel			0.00470	U							6010
Zinc			0.0175	U							6010
Calcium			0.102	U							6010
Magnesium			0.0379	U							6010
Potassium			0.358	U							6010
Sodium			0.108	U							6010

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ICP INTERFERENCE CHECK SAMPLE

Lab:	Thermo Analytical	Report Date:	04/08/96
Client:	CDM, Inc.	Lab P.N.:	L3232
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	Big Dalton Well Baldwin Park, CA		
Concentration Unit:	mg/l		

	Initial			Final		
Analyte	True Sol. AB	Found Sol. AB	%R	True Sol. AB	Found Sol. AB	%R
Aluminum	500	513	103	500	481	96
Barium	0.500	0.473	95	0.500	0.497	100
Cadmium	1.00	0.971	97	1.00	0.987	99
Chromium	0.500	0.498	100	0.500	0.496	99
Copper	0.500	0.454	91	0.500	0.432	86
Iron	200	183	92	200	163	82
Manganese	0.500	0.426	85	0.500	0.401	80
Nickel	1.00	0.905	91	1.00	0.897	90
Zinc	1.00	0.992	99	1.00	0.968	97
Calcium	500	493	99	500	460	92
Magnesium	500	512	102	500	479	96

%R control limits = 80 - 120 %.

TMA
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METALS SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Big Dalton Well
Baldwin Park, CA

Report Date: 04/08/96
Lab P.N.: L3232
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3219-12
Client Sample ID: BW-GW-MW50309-031996
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/25/96	2.000	0.000	1.96	98	6010
Arsenic	03/26/96	0.0400	0.000	0.0484	121	7060
Barium	03/25/96	2.00	0.549	2.38	92	6010
Cadmium	03/25/96	2.00	0.000	1.86	93	6010
Chromium	03/25/96	2.00	0.000	1.84	92	6010
Copper	03/25/96	2.00	0.00401	1.81	90	6010
Iron	03/25/96	2.00	0.150	1.87	94	6010
Lead	03/26/96	0.0120	0.000	0.0122	102	7421
Manganese	03/26/96	2.00	0.0369	1.79	88	6010
Nickel	03/25/96	2.00	0.000	1.85	92	6010
Zinc	03/25/96	2.00	0.0343	1.88	92	6010
Mercury	03/26/96	0.00200	0.000	0.00194	97	7470
Calcium	03/25/96	2.00	241	245	174*	6010
Magnesium	03/25/96	2.00	53.5	55.5	100	6010
Potassium	03/25/96	20.0	7.87	27.1	96	6010
Sodium	03/25/96	2.00	33.4	35.2	87	6010

Column used to flag recovery values with an asterisk
*Value outside of control limits
Spike Recovery: 1 out of 16 outside limits.

Conc Spk = Concentration of Spike in Sample
%MS = Percent Recovery of MS
Control limits for Spike Samples are 75-125%.

TMA
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METALS POST SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Big Dalton Well
Baldwin Park, CA

Report Date: 04/08/96
Lab P.N.: L3232
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3219-12
Client Sample ID: BP-GW-MW50309-031996
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	03/25/96	5.00	0.000	5.27	105	6010
Arsenic	03/26/96	0.0200	0.000	0.0235	118	7060
Barium	03/25/96	5.00	0.549	5.64	102	6010
Cadmium	03/25/96	5.00	0.000	5.36	107	6010
Chromium	03/25/96	5.00	0.000	5.29	106	6010
Copper	03/25/96	5.00	0.00401	5.09	102	6010
Iron	03/25/96	5.00	0.150	5.37	104	6010
Lead	03/26/96	0.0200	0.000	0.0219	110	7421
Manganese	03/26/96	5.00	0.0369	5.14	102	6010
Nickel	03/25/96	5.00	0.000	5.51	110	6010
Zinc	03/25/96	5.00	0.0343	5.40	107	6010
Calcium	03/25/96	5.00	241	264	460*	6010
Magnesium	03/25/96	5.00	53.5	62.3	176*	6010
Potassium	03/25/96	50.0	7.87	62.0	108	6010
Sodium	03/25/96	5.00	33.4	40.1	134*	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 3 out of 15 outside limits.

Conc Spk = Concentration of Spike in Sample.
%MS = Percent Recovery of MS.
Control limits for Post Digest Spike Samples are 75-125%.

TMA
Thermo Analytical

METALS DUPLICATES

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Big Dalton Well
Baldwin Park, CA

Report Date: 04/08/96
Lab P.N.: L3232
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3219-12
Client Sample ID: BP-GW-MW50309-031996

Concentration Units: mg/l

Metal	Date Analyzed	Sample Result	Duplicate Result	RPD	Method
Barium	03/25/96	0.549	0.526	4	6010
Calcium	03/25/96	241	232	4	6010
Magnesium	03/25/96	53.5	51.1	5	6010
Potassium	03/25/96	7.87	7.82	1	6010
Sodium	03/25/96	33.4	31.7	5	6010

*Value outside control limits

Control limits equal 0-20% if sample and duplicate concentrations >/= 5x MDL.
If both sample and duplicate concentrations are < MDL, then no control limt exists.

0 out of 4 outside limits

Comments: _____

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METALS LABORATORY CONTROL SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Big Dalton Well
Baldwin Park, CA

Report Date: 04/08/96
Lab P.N.: L3232
Client P.N.: 2581-112-T4-SAMP

LCS Source: CR1-CRA-3 (Inorganic Ventures Lot #J-MEB25058) & QC-7(SPEX Lot #8-92AS)
QC-19(SPEX Lot #8-67AS), HG stock Std. (SPEX Lot #7-147AS)

Concentration: mg/l

Metal	Date	LCS True Conc.	Result	%RC	Method
Aluminum	03/25/96	2.00	1.87	93	6010
Arsenic	03/26/96	0.0400	0.0411	103	7060
Barium	03/25/96	2.00	1.86	93	6010
Cadmium	03/25/96	2.00	1.81	90	6010
Chromium	03/25/96	2.00	1.88	94	6010
Copper	03/25/96	2.00	1.86	93	6010
Iron	03/25/96	2.00	1.88	94	6010
Lead	03/26/96	0.0120	0.0127	106	7421
Manganese	03/26/96	2.00	1.82	91	6010
Mercury	03/26/96	0.00200	0.00197	99	7470
Nickel	03/25/96	2.00	1.90	95	6010
Zinc	03/25/96	2.00	1.84	92	6010
Calcium	03/25/96	2.00	2.08	104	6010
Magnesium	03/25/96	2.00	1.90	95	6010
Potassium	03/25/96	20.0	18.9	94	6010
Sodium	03/25/96	2.00	2.04	102	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 0 out of 16 outside limits.

Control Limits for Laboratory Control Check Sample are 80-120%.

TMA
Thermo Analytical

ICP SERIAL DILUTIONS

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Big Dalton Well
Baldwin Park, CA

Report Date: 04/08/96
Lab P.N.: L3232
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Concentration Unit: mg/l
Client Sample ID: BP-GW-MW50309-031996
Lab Sample ID: L3219-12

Metal	Initial Sample Result	Serial Dilution Result	% DIFF	Method
Barium	0.549	0.575	5	6010
Calcium	241	265	10	6010
Magnesium	53.5	57.2	7	6010
Potassium	7.87	7.58	4	6010
Sodium	33.4	34.1	2	6010

%DIFF = % Difference
Series dilution (1:4 with blank water) must be performed for each batch of samples using one representative samp
%DIFF = [(Sample Result - Series Dilution Result)/Sample Result] X 100

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1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	4/8/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3232
		Client P.N.:	2581-112-T4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	BPOU Quarterly Sampling	Date Sampled:	3/22/96
Project Address:	Big Dalton Well Baldwin Park, CA	Date Received:	3/22/96
		Date Analyzed:	3/22/96-3/27/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Alkalinity (EPA 310.1)	M	91	-	80-120	-	-
Chloride (EPA 300.0)	M	111	112	80-120	1	0-20
Nitrate-N (EPA 300.0)	M	88	84	80-120	4	0-20
Nitrite-N (EPA 300.0)	M	94	93	80-120	1	0-20
Sulfate (EPA 300.0)	M	101	94	80-120	7	0-20

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/8/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3232
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	3/22/96
Project Address:	Big Dalton Well	Date Analyzed:	3/25/96
	Baldwin Park, CA	Physical State:	Liquid

	Alkalinity		Total Dissolved Solids	Total Suspended Solids
	Bicarbonate EPA 310.1	Carbonate EPA 310.1	EPA 160.1	EPA 160.2
Client Sample ID	mg/l	mg/l	mg/l	mg/l
BP-GW-01900035-032196	130	ND	280	ND
BP-GW-01900035K-032196	130	ND	300	ND
Quantitation Limits mg/l	1.0	1.0	12	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
Thermo Analytical

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/8/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3232
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	3/22/96
Project Address:	Big Dalton Well	Date Analyzed:	3/22/96-3/27/96
	Baldwin Park, CA	Physical State:	Liquid

Client Sample ID	Sulfate EPA 300.0 mg/l	Chloride EPA 300.0 mg/l	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l	Hardness EPA 130.2 mg/l
BP-GW-01900035-032196	34	44	ND	4.8	210
BP-GW-01900035K-032196	34	45	ND	4.9	200
Quantitation Limits mg/l	1.0	1.3	0.25	0.25	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
Thermo Analytical

REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 4/09/96

RECEIVED: 3/22/96

LABORATORY NO. 87170

SAMPLE: Water/2

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-01900035-032196	267	+/- 12
BP-GW-01900035K-032196	284	+/- 13

Date Analyzed: 3/22/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

CHAIN-OF-CUSTODY RECORD

Client: CDM

Date: 3-21-96

Project Name: Quarterly Sampling

Client Reference #: 2581-112-T4-SAMP

Project Address: Big Dalton Well, Baldwin Park

Project Contact (please print): Suzanne Rowe, Bob Wells

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Page 1 of 1

Lab Use Only
Lab Job # L3232
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☒ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	VOC's - 8021	*Metals (Al, As, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Ni, Zn, Hg) 6010/7000	*Cations (Ca, Mg, K, Na) - 6010	TDS, TSS - 160.1/160.2	Anions (Cl, SO4)(NO3, NO2) - 300.0	Alkalinity (CO3, HCO3) - 2320	Hardness - 130.2	Radon (draft 9131)	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-01900035 - 032196	Big Dalton	03-22-96	12:30	L	X								3	VOA's w/HCl	L3232-1
↓	↓	↓	↓	L		X	X	X	X	X	X		1	1L Poly - General Minerals	
↓	↓	↓	↓	L								X	1	125ml Amber - Radon	
BP-GW-01900035K-032196	Big Dalton	03-22-96	11:30	L		X	X	X	X	X	X		1	1L Poly - General Minerals	L3232-2
↓	↓	↓	↓		X								3	VOA's w/HCl	
↓	↓	↓	↓									X	1	125ml Amber - Radon	

❶ Relinquished by (signature)*	❷ Received by (signature)	Date	Total Number of Containers
Shannon Dean Tannehill		3/22/96	10
Company: Camp Dresser & McKee	Company:	Time:	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature): J Paoli	Date: 3-22-96	
Company:	Laboratory Name: TMA SA	Time: 13:22	

Special Instructions
* Filter at LAB ASAP - 0.45μm filter; CLP-like deliverables

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS
Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800.377.2322
Fax 714.757.7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602 437.9367 Fax 602 437.9362

REPORT

14 TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 4/09/96

RECEIVED: 3/26/96

LABORATORY NO. 87202

SAMPLE: Water/1

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-01900029-032696	290	+/- 16

Date Analyzed: 3/26/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

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CHAIN-OF-CUSTODY RECORD

Client CDM

Date 3-26-96

Page 1 of 1

Project Name Quaterly Sampling

Client Reference # 2581-112-T4-SAMP

Project Address Valley CWD \ Morada Well

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Project Contact (please print) Suzanne Rowe \ Barbara Wells

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Lab Use Only
Lab Job # L3247
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon (draft 913)								Number of Containers	Container/Comments	Lab Sample Number
BP-GW-01900029-032696	Morada Well	3-26-96	0921	L	X								1	125ml amber	L3247-1

❶ Relinquished by (signature)*	❷ Received by (signature)	Date 3/26/96	Total Number of Containers
Company	Company TMA	Time 2:25 pm	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date	
Company	Laboratory Name	Time	

Special Instructions
CLP-like Deliverables

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

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Phoenix, Arizona 85034
Tel 602 437.9367 Fax 602.437.9362

CHAIN-OF-CUSTODY RECORD

Client THERMO ANALYTICAL

Date 3/26/96

Project Name QUARTERLY SAMPLING

Client Reference # L32407

Project Address SANTA ANA

Project Contact (please print) DON BURLEY

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Analysis Requested
All analyses and deliverables must be identified
(see section 4.8 & 4.9 on reverse)

Page 1 of 1

Lab Use Only
Lab Job # ____
C.O. # ____
C.O. # ____
C.O. # ____
C.O. # ____
Sample Condition Upon Receipt:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)										Number of Containers	Container/Comments	Lab Sample Number
BP-GW-01900029-032696		3/26/96	1:35 pm	L	X									1		

RADON
4/10 TP
CR

❶ Relinquished by (signature)*	❷ Received by (signature)	Date	Total Number of Containers
		3/26/95	
Company TMA	Company TruesDail	Time 3:24	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date 3/26/96	
Company	Laboratory Name TLI	Time 1530	

Special Instructions

*See Terms And Conditions (section 2) on reverse **before** signing

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Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602.437.9367 Fax 602.437.9362

LIQUID SCIN. LLATION
OIL BASED SOLUTION

Sample Number: 87202
Date Received: 03-26-96
Date Analyzed: 03-26-96
Window: 450 - 800

T(0) = sample collection date/time in days
T(1) = start time on scintillation counter in days
elapsed time = scintillation counter sample time in minutes
decay time = in reference to midpoint of sample counting time in days
sample aliquot = in grams
count time = in minutes
bkg = background

sample	T(0)	T(1)	elapsed time	decay time	decay factor	sample aliquote	count time	sample cpm	bkg cpm	Rn-222 pCi/l	error
87202	86.5660	86.6625	700.30	0.5481	0.9054	9.8383	100	36.03	11.01	290	16
high	1.0000	1.0000	0.00	-0.0347	1.0063	10.0000	100	586.02	11.01	5909	49
low	1.0000	1.0000	0.00	-0.0347	1.0063	10.0000	100	66.64	11.01	572	18

REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 4/09/96

RECEIVED: 3/27/96

LABORATORY NO. 87223

SAMPLE: Water/1

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-01900831-032796	237	+/- 14

Date Analyzed: 3/27/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

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CHAIN-OF-CUSTODY RECORD

Client CDM

Date 3/27/96

Page 1 of 1

Project Name Qrgterly Sampling

Client Reference # 2581-112-T4-SAMP

Project Address City of Glendora -Well 7G

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☑ Normal
- ☐ Mobile Lab

Project Contact (please print) Suzanne Rowe / Barbara Wells

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Lab Use Only
Lab Job # L3250
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon DEAFT 9/3								Number of Containers	Container/Comments	Lab Sample Number
BP-GW-01900831-032796	well 7G	3-27-96	0949	L	X								1	Amber 125ml	3250-1

❶ Relinquished by (signature)*	❷ Received by (signature)	Date 3/27/96	1 Total Number of Containers
Company CDM	Company TMA	Time 10:50	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date	
Company	Laboratory Name	Time	

Special Instructions
CLP TYPE PAPER WORK.

*See Terms And Conditions (section 2) on reverse **before** signing

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CHAIN-OF-CUSTODY RECORD

Client THERMO ANALYTICAL	**Date** 3/27/96
Project Name QUARTERLY SAMPLING	**Client Reference #** L 3250
Project Address SANTA ANA	**Turn Around Requested:** ☐ Immediate Attention ☐ Rush 24-48 Hours ☐ Rush 48-96 Hours ☒ Normal ☐ Mobile Lab
Project Contact (please print) DON BURLEY	

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Page 1 of 1

Lab Use Only
Lab Job # ____
C.O. # ____
C.O. # ____
C.O. # ____
C.O. # ____
Sample Condition Upon Receipt:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	RADON	4/10/96						Number of Containers	Container/Comments	Lab Sample Number
BP-GW-01900831-032796		3/27/96	11:05 am	L										
													#87223	
													RECEIVED MAR 27 1996	

Total Number of Containers

❶ Relinquished by (signature)* [signature]	❷ Received by (signature) M Luce	Date 3/27/96
Company TMA	Company Truesdail	Time 12:23
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature) [signature]	Date 3/27/96
Company	Laboratory Name TCI	Time 1400

Special Instructions

*See Terms And Conditions (section 2) on reverse **before** signing

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Tel 602.437.9367 Fax 602.437.9362

LIQUID SCINTILLATION
OIL BASED SOLUTION

Sample Number: 87223
Date Received: 03-27-96
Date Analyzed: 03-27-96
Window: 450 - 800

T(0) = sample collection date/time in days
T(1) = start time on scintillation counter in days
elapsed time = scintillation counter sample time in minutes
decay time = in reference to midpoint of sample counting time in days
sample aliquot = in grams
count time = in minutes
bkg = background

sample	T(0)	T(1)	elapsed time	decay time	decay factor	sample aliquote	count time	sample cpm	bkg cpm	Rn-222 pCi/l	error
87223	87.4618	87.6361	400.15	0.4175	0.9271	10.3277	100	32.25	10.35	237	14
dup	87.4618	87.6361	500.20	0.4869	0.9155	10.0818	100	30.90	10.35	230	14
high	1.0000	1.0000	0.00	-0.0347	1.0063	10.0000	100	572.99	10.35	5782	49
low	1.0000	1.0000	0.00	-0.0347	1.0063	10.0000	100	66.24	10.35	574	18

TMA
Thermo Analytical

1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

CAMP DRESSER & McKEE, INC.
18881 VON KARMAN, STE 650
IRVINE, CA 92715

MAY 0 3 1996

May 2, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3263

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 4/2/96 were analyzed by Thermo Analytical for: Volatile Organic Compounds (VOC's) by EPA Method 8021, Metals by EPA 6000/7000 methods and various Wet Chemistry parameters.

The EPA Method 8021 samples taken on 4/2/96 were analyzed 4/8/96 - 4/9/96 which is within the allowable method holding time. The samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The 4/8/96 Method Blank detected Naphthalene at 0.45 ug/l. The 4/9/96 Method Blank detected Methylene Chloride and Naphthalene. The samples did not have detectable levels of Naphthalene for either analysis date. Methylene Chloride was detected in the sample analyzed 4/9/96 (BP-GW-71903093-040296).

The 4/8/96 and 4/9/96 continuing calibrations had several compounds with percent differences outside the acceptable QC limits. However, the response factors for these compounds were greater than the initial calibration response factors. Since the compounds were not detected in any of the samples, the data was reported as is.

The Metals were analyzed 4/3/96 - 4/9/96. The matrix spike percent recoveries for Calcium and Sodium were outside the acceptable QC limits due to the high concentrations found in the native sample. The post spike sample percent recoveries for Calcium, Magnesium and Sodium were outside the acceptable QC limits due to the high concentrations found in the native sample.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley
Program Manager

Enclosure

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/19/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-W4-SAMP
	Irvine, CA 92715	Date Sampled:	04/02/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/02/96
Project Address:	San Gabriel Valley Wells	Date Analyzed:	04/09/96
		Time Analyzed:	16:45
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-71903093-040296	Lab Sample ID:	L3263-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	4.50	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.99	
75-09-2	Methylene chloride	0.92	B
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.95	
156-59-4	cis-1,2-Dichloroethene	2.9	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	3.4	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	2.5	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	5.0	
79-01-6	Trichloroethene	61	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	6.3	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 5, analyzed 4/9/96.
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/19/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-W4-SAMP
	Irvine, CA 92715	Date Sampled:	04/02/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/02/96
Project Address:	San Gabriel Valley Wells	Date Analyzed:	04/09/96
		Time Analyzed:	16:45
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-71903093-040296	Lab Sample ID:	L3263-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/19/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-W4-SAMP
	Irvine, CA 92715	Date Sampled:	04/02/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/02/96
Project Address:	San Gabriel Valley Wells	Date Analyzed:	04/08/96
		Time Analyzed:	23:24
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-78000098-040296	Lab Sample ID:	L3263-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.49	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	6.5	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	1.4	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/19/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-W4-SAMP
	Irvine, CA 92715	Date Sampled:	04/02/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/02/96
Project Address:	San Gabriel Valley Wells	Date Analyzed:	04/08/96
		Time Analyzed:	23:24
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-78000098-040296	Lab Sample ID:	L3263-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/19/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-W4-SAMP
	Irvine, CA 92715	Date Sampled:	04/02/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/02/96
Project Address:	San Gabriel Valley Wells	Date Analyzed:	04/08/96
		Time Analyzed:	22:42
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-51902858-040296	Lab Sample ID:	L3263-3

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.54	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	2.8	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/19/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-W4-SAMP
	Irvine, CA 92715	Date Sampled:	04/02/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/02/96
Project Address:	San Gabriel Valley Wells	Date Analyzed:	04/08/96
		Time Analyzed:	22:42
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-51902858-040296	Lab Sample ID:	L3263-3

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/19/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-W4-SAMP
		Date Sampled:	04/02/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/02/96
Project Address:	San Gabriel Valley Wells	Date Analyzed:	04/08/96
		Time Analyzed:	22:01
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-51902858(F)-040296	Lab Sample ID:	L3263-4

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.97	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.85	
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/19/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-W4-SAMP
	Irvine, CA 92715	Date Sampled:	04/02/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/02/96
Project Address:	San Gabriel Valley Wells	Date Analyzed:	04/08/96
		Time Analyzed:	22:01
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-51902858(F)-040296	Lab Sample ID:	L3263-4

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
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TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/19/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-i i2-W4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	San Gabriel Valley Wells	Date Analyzed:	04/08/96
		Time Analyzed:	20:37
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	04/08 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/19/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-W4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	San Gabriel Valley Wells	Date Analyzed:	04/08/96
		Time Analyzed:	20:37
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	04/08 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.45	

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/19/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-W4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	San Gabriel Valley Wells	Date Analyzed:	04/09/96
		Time Analyzed:	14:43
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	04/09 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.87	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/19/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-W4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	San Gabriel Valley Wells	Date Analyzed:	04/09/96
		Time Analyzed:	14:43
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	04/09 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	1.4	

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/19/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-W4-SAMP
		Date Analyzed:	04/08/96-04/09/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	San Gabriel Valley Wells		
Matrix:	Liquid		
GC Column 1:	DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	106	83	109
CCV	103	101	103
Method Blank	110	109	106
L3263-2	109	108	106
L3263-3	109	108	108
L3263-4	104	100	100
L3263-1 DIL	109	111	105
LCS	108	107	111
MS	107	93	105
MSD	105	95	106
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/19/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-W4-SAMP
		Date Analyzed:	04/09/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	San Gabriel Valley Wells		

Matrix:	Liquid		
GC Column 1:	DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	102	92	113
CCV	104	94	107
Method Blank	102	98	111
L3263-1	95	89	109
LCS	106	88	108
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	04/19/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-W4-SAMP
		Date Analyzed:	04/09/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	San Gabriel Valley Wells		
Matrix:	Liquid	Lab Sample ID:	L3263-1

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	0.00	20.1	101		74-121
Toluene	20.0	0.00	19.7	99		72-121
Ethylbenzene	20.0	0.00	20.5	103		72-117
o-Xylene	20.0	0.00	20.4	102		66-124
1,1-Dichloroethane	20.0	0.95	23.4	112		73-121
1,1,1-Trichloroethane	20.0	0.00	22.2	111		72-126
cis-1,3-Dichloropropene	20.0	0.00	21.7	109		58-124
Chlorobenzene	20.0	0.00	21.7	109		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	20.4	102		1		0-10	74-121
Toluene	20.0	19.9	100		1		0-16	72-121
Ethylbenzene	20.0	20.7	104		1		0-14	72-117
o-Xylene	20.0	20.7	104		2		0-14	66-124
1,1-Dichloroethane	20.0	23.6	113		1		0-18	73-121
1,1,1-Trichloroethane	20.0	22.3	112		1		0-15	72-126
cis-1,3-Dichloropropene	20.0	22.2	111		2		0-22	58-124
Chlorobenzene	20.0	21.7	109		0		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/19/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-W4-SAMP
		Date Analyzed:	04/08/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	San Gabriel Valley Wells		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	21.5	108	75-125
Toluene	20.0	20.9	105	75-125
Ethylbenzene	20.0	21.4	107	75-125
o-Xylene	20.0	21.5	108	75-125
1,1-Dichloroethane	20.0	23.2	116	75-125
1,1,1-Trichloroethane	20.0	21.3	107	75-125
cis-1,3-Dichloropropene	20.0	21.8	109	75-125
Chlorobenzene	20.0	22.3	112	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/19/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-W4-SAMP
		Date Analyzed:	04/09/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	San Gabriel Valley Wells		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	20.9	105	75-125
Toluene	20.0	20.5	103	75-125
Ethylbenzene	20.0	21.1	106	75-125
o-Xylene	20.0	21.1	106	75-125
1,1-Dichloroethane	20.0	22.1	111	75-125
1,1,1-Trichloroethane	20.0	20.7	104	75-125
cis-1,3-Dichloropropene	20.0	21.4	107	75-125
Chlorobenzene	20.0	20.3	102	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/19/96
		Lab P.N.:	L3263
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-W4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/08/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	5189	18*
Chloromethane	9103	10	8752	4
Vinyl chloride	7475	9	8877	19*
Bromomethane	4053	10	4888	21*
Chloroethane	8231	9	9494	15
Trichlorofluoromethane	11964	9	13611	14
1,1-Dichloroethene	11045	9	12116	10
Methylene chloride	14825	12	15095	2
trans-1,2-Dichloroethene	11709	10	12841	10
1,1-Dichloroethane	11841	10	13169	11
cis-1,2-Dichloroethene	12091	9	13015	8
2,2-Dichloropropane	10669	12	11367	7
Bromochloromethane	8662	11	9322	8
Chloroform	15533	10	16725	8
1,1,1-Trichloroethane	14156	10	15172	7
Carbon tetrachloride	16313	9	17906	10
1,1-Dichloropropene	5579	14	6495	16*
1,2-Dichloroethane	11607	9	12359	6
Trichloroethene	14474	8	15429	7
1,2-Dichloropropane	11206	8	11905	6
Dibromomethane	5500	11	6168	12
Bromodichloromethane	11224	9	12323	10
2-Chloroethyl vinyl ether	5579	14	6495	16*
cis-1,3-Dichloropropene	9669	9	10789	12
trans-1,3-Dichloropropene	8941	8	9998	12
1,1,2-Trichloroethane	11768	6	12742	8
Tetrachloroethene	13939	9	15134	9
1,3-Dichloropropane	9412	8	10238	9
Dibromochloromethane	7533	13	8646	15
1,2-Dibromoethane	5371	8	5774	8
Chlorobenzene	5594	8	6113	9
1,1,1,2-Tetrachloroethane	13135	8	14352	9
Bromoform	5407	14	5975	11
1,1,2,2-Tetrachloroethane	9429	10	8557	9
1,2,3-Trichloropropane	7711	10	6981	9
2-Chlorotoluene	4767	8	4931	3
4-Chlorotoluene	4825	7	5023	4
1,3-Dichlorobenzene	7645	8	8031	5
1,4-Dichlorobenzene	8104	8	8399	4
1,2-Dichlorobenzene	7800	7	8084	4

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/19/96
		Lab P.N.:	L3263
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-W4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/08/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2709	9
1,2,4-Trichlorobenzene	8865	8	9341	5
Hexachlorobutadiene	12492	9	13228	6
1,2,3-Trichlorobenzene	8957	8	9296	4
Benzene	3199	5	3361	5
Toluene	3013	5	3082	2
Ethylbenzene	2654	5	2796	5
p,m-Xylenes	3095	3	3250	5
o-Xylene	2666	4	2807	5
Styrene	3501	3	3583	2
Isopropylbenzene	1967	7	2112	7
Bromobenzene	3251	3	3329	2
Propylbenzene	2841	13	2952	4
1,3,5-Trimethylbenzene	3661	3	3815	4
tert-Butylbenzene	2109	5	2172	3
1,2,4-Trimethylbenzene	2784	3	2900	4
sec-Butylbenzene	2178	3	2288	5
4-Isopropyltoluene	2137	4	2182	2
n-Butylbenzene	2350	2	2459	5
Naphthalene	2501	14	2610	4

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/19/96
		Lab P.N.:	L3263
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-W4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/09/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	5509	26*
Chloromethane	9103	10	9119	0
Vinyl chloride	7475	9	9039	21*
Bromomethane	4053	10	4770	18*
Chloroethane	8231	9	9485	15
Trichlorofluoromethane	11964	9	13846	16*
1,1-Dichloroethene	11045	9	12741	15
Methylene chloride	14825	12	15871	7
trans-1,2-Dichloroethene	11709	10	13256	13
1,1-Dichloroethane	11841	10	13502	14
cis-1,2-Dichloroethene	12091	9	13445	11
2,2-Dichloropropane	10669	12	10625	0
Bromochloromethane	8662	11	9674	12
Chloroform	15533	10	17159	10
1,1,1-Trichloroethane	14156	10	15374	9
Carbon tetrachloride	16313	9	17772	9
1,1-Dichloropropene	5579	14	6469	16*
1,2-Dichloroethane	11607	9	12736	10
Trichloroethene	14474	8	15905	10
1,2-Dichloropropane	11206	8	12030	7
Dibromomethane	5500	11	6346	15
Bromodichloromethane	11224	9	12442	11
2-Chloroethyl vinyl ether	5579	14	6469	16*
cis-1,3-Dichloropropene	9669	9	10261	6
trans-1,3-Dichloropropene	8941	8	9437	6
1,1,2-Trichloroethane	11768	6	12815	9
Tetrachloroethene	13939	9	15114	8
1,3-Dichloropropane	9412	8	10353	10
Dibromochloromethane	7533	13	8746	16*
1,2-Dibromoethane	5371	8	5895	10
Chlorobenzene	5594	8	6343	13
1,1,1,2-Tetrachloroethane	13135	8	14260	9
Bromoform	5407	14	6203	15
1,1,2,2-Tetrachloroethane	9429	10	9859	5
1,2,3-Trichloropropane	7711	10	8438	9
2-Chlorotoluene	4767	8	5294	11
4-Chlorotoluene	4825	7	5320	10
1,3-Dichlorobenzene	7645	8	8255	8
1,4-Dichlorobenzene	8104	8	8720	8
1,2-Dichlorobenzene	7800	7	8401	8

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/19/96
		Lab P.N.:	L3263
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-W4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/09/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2921	17*
1,2,4-Trichlorobenzene	8865	8	8983	1
Hexachlorobutadiene	12492	9	12687	2
1,2,3-Trichlorobenzene	8957	8	8872	1
Benzene	3199	5	3279	3
Toluene	3013	5	2997	1
Ethylbenzene	2654	5	2697	2
p,m-Xylenes	3095	3	3123	1
o-Xylene	2666	4	2709	2
Styrene	3501	3	3436	2
Isopropylbenzene	1967	7	2041	4
Bromobenzene	3251	3	3243	0
Propylbenzene	2841	13	2948	4
1,3,5-Trimethylbenzene	3661	3	3626	1
tert-Butylbenzene	2109	5	2094	1
1,2,4-Trimethylbenzene	2784	3	2757	1
sec-Butylbenzene	2178	3	2194	1
4-Isopropyltoluene	2137	4	2054	4
n-Butylbenzene	2350	2	2259	4
Naphthalene	2501	14	2527	1

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/19/96
		Lab P.N.:	L3263
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-W4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/09/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4997	14
Chloromethane	9103	10	8444	7
Vinyl chloride	7475	9	8531	14
Bromomethane	4053	10	4707	16*
Chloroethane	8231	9	9050	10
Trichlorofluoromethane	11964	9	13271	11
1,1-Dichloroethene	11045	9	11421	3
Methylene chloride	14825	12	14501	2
trans-1,2-Dichloroethene	11709	10	12122	4
1,1-Dichloroethane	11841	10	12272	4
cis-1,2-Dichloroethene	12091	9	12393	2
2,2-Dichloropropane	10669	12	11284	6
Bromochloromethane	8662	11	8889	3
Chloroform	15533	10	15751	1
1,1,1-Trichloroethane	14156	10	14216	0
Carbon tetrachloride	16313	9	16380	0
1,1-Dichloropropene	5579	14	5758	3
1,2-Dichloroethane	11607	9	11456	1
Trichloroethene	14474	8	14081	3
1,2-Dichloropropane	11206	8	10994	2
Dibromomethane	5500	11	5609	2
Bromodichloromethane	11224	9	11467	2
2-Chloroethyl vinyl ether	5579	14	5758	3
cis-1,3-Dichloropropene	9669	9	9871	2
trans-1,3-Dichloropropene	8941	8	9054	1
1,1,2-Trichloroethane	11768	6	11507	2
Tetrachloroethene	13939	9	13739	1
1,3-Dichloropropane	9412	8	9296	1
Dibromochloromethane	7533	13	7968	6
1,2-Dibromoethane	5371	8	5173	4
Chlorobenzene	5594	8	5842	4
1,1,1,2-Tetrachloroethane	13135	8	13428	2
Bromoform	5407	14	5409	0
1,1,2,2-Tetrachloroethane	9429	10	8523	10
1,2,3-Trichloropropane	7711	10	6736	13
2-Chlorotoluene	4767	8	4843	2
4-Chlorotoluene	4825	7	4930	2
1,3-Dichlorobenzene	7645	8	7708	1
1,4-Dichlorobenzene	8104	8	8044	1
1,2-Dichlorobenzene	7800	7	7803	0

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/19/96
		Lab P.N.:	L3263
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-W4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/09/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2231	10
1,2,4-Trichlorobenzene	8865	8	8934	1
Hexachlorobutadiene	12492	9	12570	1
1,2,3-Trichlorobenzene	8957	8	8803	2
Benzene	3199	5	3466	8
Toluene	3013	5	3187	6
Ethylbenzene	2654	5	2890	9
p,m-Xylenes	3095	3	3358	8
o-Xylene	2666	4	2903	9
Styrene	3501	3	3723	6
Isopropylbenzene	1967	7	2180	11
Bromobenzene	3251	3	3471	7
Propylbenzene	2841	13	3444	21*
1,3,5-Trimethylbenzene	3661	3	3972	8
tert-Butylbenzene	2109	5	2251	7
1,2,4-Trimethylbenzene	2784	3	3033	9
sec-Butylbenzene	2178	3	2371	9
4-Isopropyltoluene	2137	4	2257	6
n-Butylbenzene	2350	2	2541	8
Naphthalene	2501	14	2507	0

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-W4-SAMP
	Irvine, CA 92715	Date Sampled:	04/02/96
Project Name:	BPOU Quarterly Sampling	Date Received:	04/02/96
Project Address:	San Gabriel Valley Wells	Date Analyzed:	04/03/96-04/09/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-71903093-040296	Lab Sample ID:	L3263-1

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00319	
Barium	Barium	6010	0.139	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00398	
Copper	Copper	6010	0.00531	
Iron	Iron	6010	0.0297	
Lead	Lead	7421	0.00136	
Manganese	Manganese	6010	0.00200	U
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	76.4	
Magnesium	Magnesium	6010	14.0	
Potassium	Potassium	6010	3.76	
Sodium	Sodium	6010	18.3	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-W4-SAMP
		Date Sampled:	04/02/96
Project Name:	BPOU Quarterly Sampling	Date Received:	04/02/96
Project Address:	San Gabriel Valley Wells	Date Analyzed:	04/03/96-04/09/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-78000098-040296	Lab Sample ID:	L3263-2

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0549	
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.107	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00448	
Copper	Copper	6010	0.00907	
Iron	Iron	6010	0.177	
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.00200	U
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0189	
Calcium	Calcium	6010	54.7	
Magnesium	Magnesium	6010	13.0	
Potassium	Potassium	6010	2.74	
Sodium	Sodium	6010	21.2	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-W4-SAMP
		Date Sampled:	04/02/96
Project Name:	BPOU Quarterly Sampling	Date Received:	04/02/96
Project Address:	San Gabriel Valley Wells	Date Analyzed:	04/03/96-04/09/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-51902858-040296	Lab Sample ID:	L3263-3

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00329	
Barium	Barium	6010	0.100	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00329	
Copper	Copper	6010	0.00855	
Iron	Iron	6010	0.0326	
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.00200	U
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	55.7	
Magnesium	Magnesium	6010	11.8	
Potassium	Potassium	6010	2.73	
Sodium	Sodium	6010	16.5	

Comments:

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: San Gabriel Valley Wells

Report Date: 04/23/96
Lab P.N.: L3263
Client P.N.: 2581-112-W4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum	10.0	9.85	98	1.00	1.05	105	1.04	104	6010
Arsenic	0.0250	0.0260	104	0.0250	0.0256	102	0.0266	106	7060
Barium	10.0	9.62	96	1.00	1.05	105	1.07	107	6010
Cadmium	0.250	0.265	106	2.50	2.62	105	2.69	108	6010
Chromium	0.500	0.476	95	2.50	2.64	106	2.70	108	6010
Copper	1.25	1.22	98	2.50	2.54	102	2.54	102	6010
Iron	5.00	4.76	95	2.50	2.64	106	2.67	107	6010
Lead	0.0250	0.0252	101	0.0250	0.0258	103	0.0244	98	7421
Manganese	0.750	0.732	98	2.50	2.66	106	2.71	108	6010
Mercury	0.00500	0.00507	101	0.00300	0.00282	94	0.00298	99	7470
Nickel	2.00	1.95	97	2.50	2.66	107	2.72	109	6010
Zinc	1.00	1.02	102	2.50	2.60	104	2.67	107	6010
Calcium	250	250	100	2.50	2.66	106	2.72	109	6010
Magnesium	250	253	101	2.50	2.64	106	2.66	106	6010
Potassium	250	260	104	10.0	10.3	103	10.4	104	6010
Sodium	250	255	102	1.00	1.04	104	1.06	106	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

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METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-W4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	San Gabriel Valley Wells		

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum									
Arsenic				0.0250	0.0269	108			7060
Barium									
Cadmium									
Chromium									
Copper									
Iron									
Lead									
Manganese									
Mercury				0.00300	0.00293	98			7470
Nickel									
Zinc									
Calcium									
Magnesium									
Potassium									
Sodium									

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

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METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-W4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	San Gabriel Valley Wells		

Matrix: Liquid
Date Analyzed: 04/03/96-04/09/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum	0.0437	U	0.0437	U	0.0437	U			0.0437	U	6010
Arsenic	0.00299	U	0.00299	U	0.00299	U	0.00299	U	0.00299	U	7060
Barium	0.00134	U	0.00134	U	0.00134	U			0.00134	U	6010
Cadmium	0.00170	U	0.00170	U	0.00170	U			0.00170	U	6010
Chromium	0.00180	U	0.00180	U	0.00188				0.00180	U	6010
Copper	0.00270	U	0.00270	U	0.00270	U			0.00270	U	6010
Iron	0.0225	U	0.0225	U	0.0225	U			0.0225	U	6010
Lead	0.000636	U	0.000636	U	0.000636	U			0.000636	U	7421
Manganese	0.00200	U	0.00200	U	0.00200	U			0.00200	U	6010
Mercury	0.000173	U	0.000173	U	0.000173	U	0.000173	U	0.000173	U	7470
Nickel	0.00470	U	0.00470	U	0.00470	U			0.00470	U	6010
Zinc	0.0175	U	0.0175	U	0.0175	U			0.0175	U	6010
Calcium	0.102	U	0.102	U	0.102	U			0.277		6010
Magnesium	0.137		0.0379	U	0.0379	U			0.150		6010
Potassium	0.358	U	0.358	U	0.358	U			0.358	U	6010
Sodium	0.175		0.108	U	0.108	U			0.148		6010

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ICP INTERFERENCE CHECK SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: San Gabriel Valley Wells

Report Date: 04/23/96
Lab P.N.: L3263
Client P.N.: 2581-112-W4-SAMP

Concentration Unit: mg/l

	Initial			Final		
Analyte	True Sol. AB	Found Sol. AB	%R	True Sol. AB	Found Sol. AB	%R
Aluminum	500	484	97	500	480	96
Barium	2.00	1.89	95	2.00	1.90	95
Cadmium	4.00	3.97	99	4.00	3.96	99
Chromium	2.00	1.81	90	2.00	1.80	90
Copper	2.00	1.95	98	2.00	1.95	98
Iron	200	173	86	200	171	86
Manganese	2.00	1.77	88	2.00	1.76	88
Nickel	4.00	3.53	88	4.00	3.52	88
Zinc	4.00	3.79	95	4.00	3.78	95
Calcium	500	467	93	500	466	93
Magnesium	500	457	91	500	459	92

%R control limits = 80 - 120 %.

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METALS SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: San Gabriel Valley Wells

Report Date: 04/23/96
Lab P.N.: L3263
Client P.N.: 2581-112-W4-SAMP

Matrix: Liquid
Lab Sample ID: L3263-1
Client Sample ID: BW-GW-71903093-040296
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	04/09/96	1.000	0.000	0.995	100	6010
Arsenic	04/03/96	0.0400	0.00319	0.0472	110	7060
Barium	04/08/96	1.00	0.139	1.13	99	6010
Cadmium	04/08/96	1.00	0.000	0.956	96	6010
Chromium	04/08/96	1.00	0.00398	0.981	98	6010
Copper	04/08/96	1.00	0.00531	0.954	95	6010
Iron	04/08/96	1.00	0.0297	1.00	97	6010
Lead	04/03/96	0.0120	0.00136	0.0126	94	7421
Manganese	04/08/96	1.00	0.000	0.985	98	6010
Mercury	04/03/96	0.00200	0.000	0.00201	101	7470
Nickel	04/08/96	1.00	0.000	0.972	97	6010
Zinc	04/08/96	1.00	0.000	0.960	96	6010
Calcium	04/09/96	1.00	76.4	78.5	210*	6010
Magnesium	04/08/96	1.00	14.0	15.0	100	6010
Potassium	04/08/96	10.0	3.76	13.5	97	6010
Sodium	04/08/96	1.00	18.3	19.8	150*	6010

Column used to flag recovery values with an asterisk
*Value outside of control limits
Spike Recovery: 2 out of 16 outside limits.

Conc Spk = Concentration of Spike in Sample
%MS = Percent Recovery of MS
Control limits for Spike Samples are 75-125%.

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METALS POST SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: San Gabriel Valley Wells

Report Date: 04/23/96
Lab P.N.: L3263
Client P.N.: 2581-112-W4-SAMP

Matrix: Liquid
Lab Sample ID: L3263-1
Client Sample ID: BP-GW-78000098-040296
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	04/09/96	5.00	0.000	5.38	108	6010
Arsenic	04/03/96	0.0200	0.00319	0.0223	96	7060
Barium	04/08/96	5.00	0.139	5.44	106	6010
Cadmium	04/08/96	5.00	0.000	5.45	109	6010
Chromium	04/08/96	5.00	0.00398	5.42	108	6010
Copper	04/08/96	5.00	0.00531	5.15	103	6010
Iron	04/08/96	5.00	0.0297	5.34	106	6010
Lead	04/03/96	0.0200	0.00136	0.0195	91	7421
Manganese	04/08/96	5.00	0.000	5.45	109	6010
Nickel	04/09/96	5.00	0.000	5.48	110	6010
Zinc	04/09/96	5.00	0.000	5.41	108	6010
Calcium	04/08/96	5.00	76.4	89.5	262*	6010
Magnesium	04/09/96	5.00	14.0	20.7	134*	6010
Potassium	04/09/96	50.0	3.76	55.3	103	6010
Sodium	04/09/96	5.00	18.3	25.0	134*	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 3 out of 15 outside limits.

Conc Spk = Concentration of Spike in Sample.
%MS = Percent Recovery of MS.
Control limits for Post Digest Spike Samples are 75-125%.

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METALS DUPLICATES

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: San Gabriel Valley Wells

Report Date: 04/23/96
Lab P.N.: L3263
Client P.N.: 2581-112-W4-SAMP

Matrix: Liquid
Lab Sample ID: L3263-1
Client Sample ID: BP-GW-71903093-040296

Concentration Units: mg/l

Metal	Date Analyzed	Sample Result	Duplicate Result	RPD	Method
Barium	04/08/96	0.139	0.139	0	6010
Calcium	04/09/96	76.4	76.3	0	6010
Magnesium	04/08/96	14.0	14.0	0	6010
Potassium	04/08/96	3.76	3.97	5	6010
Sodium	04/08/96	18.3	18.6	2	6010

*Value outside control limits

Control limits equal 0-20% if sample and duplicate concentrations >/= 5x MDL.
If both sample and duplicate concentrations are < MDL, then no control limt exists.

0 out of 4 outside limits

Comments: _____

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METALS LABORATORY CONTROL SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: San Gabriel Valley Wells

Report Date: 04/23/96
Lab P.N.: L3263
Client P.N.: 2581-112-W4-SAMP

LCS Source: QC-7 (SPEX Lot #8-92AS), QC-19 (SPEX Lot #8-67AS), HG stock Std. (SPEX Lot #7-147AS)

Concentration: mg/l

Metal	Date	LCS True Conc.	Result	%RC	Method
Aluminum	04/09/96	1.00	0.919	92	6010
Arsenic	04/03/96	0.0400	0.0399	100	7060
Barium	04/08/96	1.00	1.03	103	6010
Cadmium	04/08/96	1.00	0.989	99	6010
Chromium	04/08/96	1.00	1.02	102	6010
Copper	04/08/96	1.00	0.998	100	6010
Iron	04/08/96	1.00	1.03	103	6010
Lead	04/03/96	0.0120	0.0121	101	7421
Manganese	04/08/96	1.00	1.03	103	6010
Mercury	04/03/96	0.00200	0.00184	92	7470
Nickel	04/08/96	1.00	1.03	103	6010
Zinc	04/08/96	1.00	0.999	100	6010
Calcium	04/09/96	1.00	1.15	115	6010
Magnesium	04/08/96	1.00	1.13	113	6010
Potassium	04/08/96	10.0	9.88	99	6010
Sodium	04/08/96	1.00	1.16	116	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 0 out of 16 outside limits.

Control Limits for Laboratory Control Check Sample are 80-120%.

TMA
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ICP SERIAL DILUTIONS

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3263
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-W4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	San Gabriel Valley Wells		

Matrix:	Liquid
Concentration Unit:	mg/l
Client Sample ID:	BP-GW-71903093-040296
Lab Sample ID:	L3263-1

Metal	Initial Sample Result	Serial Dilution Result	% DIFF	Method
Barium	0.139	0.151	9	6010
Calcium	76.4	82.0	7	6010
Magnesium	14.0	15.3	9	6010
Potassium	3.76	4.03	7	6010
Sodium	18.3	19.9	9	6010

%DIFF = % Difference
Series dilution (1:4 with blank water) must be performed for each batch of samples using one representative samp
%DIFF = [(Sample Result - Series Dilution Result)/Sample Result] X 100

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1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	4/19/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3263
		Client P.N.:	2581-112-W4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	BPOU Quarterly Sampling	Date Sampled:	4/2/96
Project Address:	San Gabrial Valley Wells	Date Received:	4/2/96
		Date Analyzed:	4/3/96-4/9/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Alkalinity (EPA 310.1)	M	85	-	80-120	-	-
Chloride (EPA 300.0)	M	149*	160*	80-120	11	0-20
Nitrate-N (EPA 300.0)	M	115	117	80-120	2	0-20
Nitrite-N (EPA 300.0)	M	101	102	80-120	1	0-20
Sulfate (EPA 300.0)	M	100	100	80-120	0	0-20
Chloride (EPA 300.0)	L	94	90	80-120	4	0-20

*MS/MSD were not within acceptable QC limits due to possible matrix interferences; LCS was within acceptable limits.

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/19/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3263
		Client P.N.:	2581-112-W4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	4/2/96
Project Address:	San Gabrial Valley Wells	Date Analyzed:	4/3/96-4/9/96
		Physical State:	Liquid

Client Sample ID	Alkalinity Bicarbonate EPA 310.1 mg/l	Alkalinity Carbonate EPA 310.1 mg/l	Total Dissolved Solids EPA 160.1 mg/l	Total Suspended Solids EPA 160.2 mg/l
BP-GW-71903093-040296	170	ND	350	ND
BP-GW-78000098-040296	180	ND	290	ND
BP-GW-51902858-040296	160	ND	260	ND
Quantitation Limits mg/l	1.0	1.0	12	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/19/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3263
		Client P.N.:	2581-112-W4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	4/2/96
Project Address:	San Gabrial Valley Wells	Date Analyzed:	4/3/96-4/9/96
		Physical State:	Liquid

Client Sample ID	Sulfate EPA 300.0 mg/l	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l	Hardness EPA 130.2 mg/l
BP-GW-71903093-040296	36	ND	10	250
BP-GW-78000098-040296	24	ND	1.9	200
BP-GW-51902858-040296	22	ND	1.1	220
Quantitation Limits mg/l	1.0	0.25	0.25	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/19/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3263
		Client P.N.:	2581-112-W4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	4/2/96
Project Address:	San Gabrial Valley Wells	Date Analyzed:	4/3/96-4/9/96
		Physical State:	Liquid

Client Sample ID	Chloride EPA 300.0 mg/l	Quantitation Limits mg/l
BP-GW-71903093-040296	21	1.3
BP-GW-78000098-040296	18	0.50
BP-GW-51902858-040296	19	0.50

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 4/09/96

RECEIVED: 4/02/96

LABORATORY NO. 87311

SAMPLE: Water/3

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-71903093-040296	189	+/- 13
BP-GW-78000098-040296	162	+/- 16
BP-GW-51902858-040296	138	+/- 12

Date Analyzed: 4/02/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

CHAIN-OF-CUSTODY RECORD

Client: BPDU \ WQA

Date: 4/2/96

Project Name: Quaterly Sampling

Client Reference #: 2581-112-W4-SAMP

Project Address: San Gabriel Valley Wells

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Project Contact (please print): Suzanne Rowe \ Barbara Wells

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Page 1 of 1

Lab Use Only
Lab Job # L3263
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☒ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	VOC's 8021	Radon	Nitrate + Nitrite	Cations (Ca, K, Mg, Na)*	Anions (Cl, SO4)	Carbonate Bicarbonate	TDS/TSS	Metals (Al, Ar, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Hg, Ni, Zn)*	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-71903093-040296	Well B6C	4/2/96	1015	L	X	X	X	X	X	X	X	X	10	extra volume QC	L3263-1
BP-GW-78000098-040296	Well B6D	↓	1045	L	X	X	X	X	X	X	X	X	5		-2
BP-GW-51902858-040296	Well B4B	↓	1130	L	X	X	X	X	X	X	X	X	5		-3
BP-GW-51902858-040296 (F)		4/2/96	1140	L	X								3		-4

* Please filter by laboratory personnel.

❶ Relinquished by (signature)* [signature]	❷ Received by (signature) [signature]	Date 4/2/96	23 Total Number of Containers
Company CDM	Company TMA	Time 12:30 pm	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date	
Company	Laboratory Name	Time	

Special Instructions: TYPE CLP PACKAGE

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
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TMA
Thermo Analytical

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Formerly Terra Tech Labs

CAMP DRESSER & McKEE, INC.
18881 VON KARMAN, STE 650
IRVINE, CA 92715

MAY 1 0 1996

May 9, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3284

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 4/10/96 were analyzed by Thermo Analytical for: Volatile Organic Compounds (VOC's) by EPA Method 8021, Metals by EPA 6000/7000 methods and various Wet Chemistry parameters.

The EPA Method 8021 samples taken on 4/10/96 were analyzed 4/11/96 - 4/12/96 which is within the allowable method holding time. The samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The Method Blank detected Methylene Chloride at 0.90 ug/l. The ending continuing calibration had several compounds with percent differences outside the acceptable QC limits. However, the response factors for these compounds were greater than the initial calibration response factors. Since the compounds were not detected in the samples, the data was reported as is.

The Metals were analyzed 4/16/96 - 4/25/96. The matrix spike percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample. The post spike sample percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley
Program Manager

Enclosure

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3284
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/10/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed:	04/11/96
		Time Analyzed:	20:20
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-01902920-041096	Lab Sample ID:	L3284-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	1.5	B
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	1.40	
79-01-6	Trichloroethene	0.92	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	3.7	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
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Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3284
Client Address:	18881 Von Karman, Suite 650 Irvine. CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/10/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed:	04/11/96
		Time Analyzed:	20:20
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-01902920-041096	Lab Sample ID:	L3284-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

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		Date Sampled:	04/10/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed:	04/11/96
		Time Analyzed:	19:39
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-01901460-041096	Lab Sample ID:	L3284-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	1.2	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.34	
75-09-2	Methylene chloride	0.84	B
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.71	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	1.2	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	2.4	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	1.9	
79-01-6	Trichloroethene	25	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	1.5	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
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Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/10/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed:	04/11/96
		Time Analyzed:	19:39
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-01901460-041096	Lab Sample ID:	L3284-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

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		Date Sampled:	04/10/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed:	04/11/96
		Time Analyzed:	18:57
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-01902859-041096	Lab Sample ID:	L3284-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	2.2	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.35	
75-09-2	Methylene chloride	0.80	B
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.97	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	2.0	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	3.2	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	4.1	
79-01-6	Trichloroethene	39	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	2.2	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

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		Date Sampled:	04/10/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed:	04/11/96
		Time Analyzed:	18:57
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-01902859-041096	Lab Sample ID:	L3284-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

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Client:	CDM, Inc.	Lab P.N.:	L3284
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/10/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed:	04/11/96
		Time Analyzed:	14:52
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-01902859(F)-041096	Lab Sample ID:	L3284-10

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	1.0	B
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

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		Date Sampled:	04/10/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed:	04/11/96
		Time Analyzed:	14:52
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-01902859(F)-041096	Lab Sample ID:	L3284-10

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
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Client:	CDM, Inc.	Lab P.N.:	L3284
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/10/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed:	04/11/96
		Time Analyzed:	18:16
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-08000062-041096	Lab Sample ID:	L3284-12

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	2.4	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.92	
75-09-2	Methylene chloride	0.96	B
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	2.4	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	4.0	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	5.5	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	8.0	
79-01-6	Trichloroethene	82	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	4.1	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 5, analyzed on 4/11/96.
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3284
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/10/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed:	04/11/96
		Time Analyzed:	18:16
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-08000062-041096	Lab Sample ID:	L3284-12

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3284
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed:	04/11/96
		Time Analyzed:	14:12
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	04/11 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.90	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3284
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	CALMAT/La Puente Valley County Water District	Date Analyzed:	04/11/96
	Baldwin Park, CA	Time Analyzed:	14:12
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	04/11 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2.4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3284
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	04/11/96-04/12/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA		
Matrix:	Liquid		
GC Column 1:	DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	109	100	108
CCV	108	109	108
Method Blank	108	99	115
L3284-2	113	118	112
L3284-5	112	112	110
L3284-8	104	101	112
L3284-10	107	96	113
L3284-12	103	99	113
L3284-12 DIL	104	92	112
LCS	112	106	107
MS	110	115	110
MSD	105	107	107
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3284
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	04/11/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA		
Matrix:	Liquid	Lab Sample ID:	L3284-2

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	0.00	20.6	103		74-121
Toluene	20.0	0.00	20.2	101		72-121
Ethylbenzene	20.0	0.00	20.9	105		72-117
o-Xylene	20.0	0.00	21.0	105		66-124
1,1-Dichloroethane	20.0	0.00	22.8	114		73-121
1,1,1-Trichloroethane	20.0	0.00	22.4	112		72-126
cis-1,3-Dichloropropene	20.0	0.00	22.5	113		58-124
Chlorobenzene	20.0	0.00	21.8	109		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	20.2	101		2		0-10	74-121
Toluene	20.0	19.7	99		2		0-16	72-121
Ethylbenzene	20.0	20.5	103		2		0-14	72-117
o-Xylene	20.0	20.5	103		2		0-14	66-124
1,1-Dichloroethane	20.0	21.2	106		7		0-18	73-121
1,1,1-Trichloroethane	20.0	21.0	105		6		0-15	72-126
cis-1,3-Dichloropropene	20.0	21.6	108		5		0-22	58-124
Chlorobenzene	20.0	21.1	106		3		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3284
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	04/11/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	20.5	103	75-125
Toluene	20.0	20.0	100	75-125
Ethylbenzene	20.0	20.7	104	75-125
o-Xylene	20.0	20.7	104	75-125
1,1-Dichloroethane	20.0	22.7	114	75-125
1,1,1-Trichloroethane	20.0	22.2	111	75-125
cis-1,3-Dichloropropene	20.0	22.3	112	75-125
Chlorobenzene	20.0	22.4	112	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3284
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/11/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4864	11
Chloromethane	9103	10	8080	11
Vinyl chloride	7475	9	8536	14
Bromomethane	4053	10	4658	15
Chloroethane	8231	9	9244	12
Trichlorofluoromethane	11964	9	13446	12
1,1-Dichloroethene	11045	9	11896	8
Methylene chloride	14825	12	15441	4
trans-1,2-Dichloroethene	11709	10	12769	9
1,1-Dichloroethane	11841	10	12988	10
cis-1,2-Dichloroethene	12091	9	12888	7
2,2-Dichloropropane	10669	12	11473	8
Bromochloromethane	8662	11	9183	6
Chloroform	15533	10	16321	5
1,1,1-Trichloroethane	14156	10	14570	3
Carbon tetrachloride	16313	9	17057	5
1,1-Dichloropropene	5579	14	6140	10
1,2-Dichloroethane	11607	9	11849	2
Trichloroethene	14474	8	14477	0
1,2-Dichloropropane	11206	8	11305	1
Dibromomethane	5500	11	5813	6
Bromodichloromethane	11224	9	11522	3
2-Chloroethyl vinyl ether	5579	14	6140	10
cis-1,3-Dichloropropene	9669	9	10396	8
trans-1,3-Dichloropropene	8941	8	9615	8
1,1,2-Trichloroethane	11768	6	12273	4
Tetrachloroethene	13939	9	14347	3
1,3-Dichloropropane	9412	8	9836	5
Dibromochloromethane	7533	13	8401	12
1,2-Dibromoethane	5371	8	5578	4
Chlorobenzene	5594	8	5912	6
1,1,1,2-Tetrachloroethane	13135	8	14031	7
Bromoform	5407	14	5769	7
1,1,2,2-Tetrachloroethane	9429	10	9291	1
1,2,3-Trichloropropane	7711	10	7396	4
2-Chlorotoluene	4767	8	5174	9
4-Chlorotoluene	4825	7	5222	8
1,3-Dichlorobenzene	7645	8	8219	8
1,4-Dichlorobenzene	8104	8	8496	5
1,2-Dichlorobenzene	7800	7	8290	6

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3284
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/11/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2533	2
1,2,4-Trichlorobenzene	8865	8	9478	7
Hexachlorobutadiene	12492	9	13171	5
1,2,3-Trichlorobenzene	8957	8	9351	4
Benzene	3199	5	3302	3
Toluene	3013	5	3037	1
Ethylbenzene	2654	5	2763	4
p,m-Xylenes	3095	3	3217	4
o-Xylene	2666	4	2784	4
Styrene	3501	3	3570	2
Isopropylbenzene	1967	7	2091	6
Bromobenzene	3251	3	3323	2
Propylbenzene	2841	13	2742	3
1,3,5-Trimethylbenzene	3661	3	3805	4
tert-Butylbenzene	2109	5	2176	3
1,2,4-Trimethylbenzene	2784	3	2891	4
sec-Butylbenzene	2178	3	2268	4
4-Isopropyltoluene	2137	4	2164	1
n-Butylbenzene	2350	2	2427	3
Naphthalene	2501	14	2565	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3284
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/12/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4851	11
Chloromethane	9103	10	7909	13
Vinyl chloride	7475	9	8743	17*
Bromomethane	4053	10	4593	13
Chloroethane	8231	9	9147	11
Trichlorofluoromethane	11964	9	13648	14
1,1-Dichloroethene	11045	9	12075	9
Methylene chloride	14825	12	15690	6
trans-1,2-Dichloroethene	11709	10	12979	11
1,1-Dichloroethane	11841	10	13296	12
cis-1,2-Dichloroethene	12091	9	13385	11
2,2-Dichloropropane	10669	12	10978	3
Bromochloromethane	8662	11	9599	11
Chloroform	15533	10	16996	9
1,1,1-Trichloroethane	14156	10	15445	9
Carbon tetrachloride	16313	9	17943	10
1,1-Dichloropropene	5579	14	6342	14
1,2-Dichloroethane	11607	9	12790	10
Trichloroethene	14474	8	15572	8
1,2-Dichloropropane	11206	8	12209	9
Dibromomethane	5500	11	6621	20*
Bromodichloromethane	11224	9	12553	12
2-Chloroethyl vinyl ether	5579	14	6342	14
cis-1,3-Dichloropropene	9669	9	10775	11
trans-1,3-Dichloropropene	8941	8	10009	12
1,1,2-Trichloroethane	11768	6	13115	11
Tetrachloroethene	13939	9	14807	6
1,3-Dichloropropane	9412	8	10539	12
Dibromochloromethane	7533	13	8983	19*
1,2-Dibromoethane	5371	8	6038	12
Chlorobenzene	5594	8	6267	12
1,1,1,2-Tetrachloroethane	13135	8	14442	10
Bromoform	5407	14	6484	20*
1,1,2,2-Tetrachloroethane	9429	10	9946	5
1,2,3-Trichloropropane	7711	10	8255	7
2-Chlorotoluene	4767	8	5312	11
4-Chlorotoluene	4825	7	5356	11
1,3-Dichlorobenzene	7645	8	8357	9
1,4-Dichlorobenzene	8104	8	8702	7
1,2-Dichlorobenzene	7800	7	8531	9

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3284
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/12/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	3061	23*
1,2,4-Trichlorobenzene	8865	8	9598	8
Hexachlorobutadiene	12492	9	13351	7
1,2,3-Trichlorobenzene	8957	8	9616	7
Benzene	3199	5	3244	1
Toluene	3013	5	2979	1
Ethylbenzene	2654	5	2719	2
p,m-Xylenes	3095	3	3151	2
o-Xylene	2666	4	2741	3
Styrene	3501	3	3508	0
Isopropylbenzene	1967	7	2055	4
Bromobenzene	3251	3	3287	1
Propylbenzene	2841	13	2737	4
1,3,5-Trimethylbenzene	3661	3	3715	1
tert-Butylbenzene	2109	5	2099	0
1,2,4-Trimethylbenzene	2784	3	2819	1
sec-Butylbenzene	2178	3	2217	2
4-Isopropyltoluene	2137	4	2113	1
n-Butylbenzene	2350	2	2342	0
Naphthalene	2501	14	2775	11

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/29/96
Client:	CDM, Inc.	Lab P.N.:	L3284
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/10/96
Project Name:	BPOU Quarterly Sampling	Date Received:	04/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed:	04/16/96-04/25/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-01902920-041096	Lab Sample ID:	L3284-3

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.109	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00420	
Iron	Iron	6010	0.0225	U
Lead	Lead	7421	0.000860	
Manganese	Manganese	6010	0.00201	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0209	
Calcium	Calcium	6010	50.3	
Magnesium	Magnesium	6010	10.5	
Potassium	Potassium	6010	2.99	
Sodium	Sodium	6010	9.00	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/29/96
Client:	CDM, Inc.	Lab P.N.:	L3284
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/10/96
Project Name:	BPOU Quarterly Sampling	Date Received:	04/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed:	04/16/96-04/25/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-01901460-041096	Lab Sample ID:	L3284-6

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0917	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00663	
Copper	Copper	6010	0.00862	
Iron	Iron	6010	0.0451	
Lead	Lead	7421	0.00235	
Manganese	Manganese	6010	0.00200	U
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0197	
Calcium	Calcium	6010	50.1	
Magnesium	Magnesium	6010	13.0	
Potassium	Potassium	6010	2.38	
Sodium	Sodium	6010	21.4	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/29/96
Client:	CDM, Inc.	Lab P.N.:	L3284
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/10/96
Project Name:	BPOU Quarterly Sampling	Date Received:	04/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed:	04/16/96-04/25/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-01902859-041096	Lab Sample ID:	L3284-9

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0872	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00420	
Copper	Copper	6010	0.00782	
Iron	Iron	6010	0.0225	U
Lead	Lead	7421	0.00222	
Manganese	Manganese	6010	0.00200	U
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	52.8	
Magnesium	Magnesium	6010	13.4	
Potassium	Potassium	6010	2.21	
Sodium	Sodium	6010	20.3	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/29/96
Client:	CDM, Inc.	Lab P.N.:	L3284
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/10/96
Project Name:	BPOU Quarterly Sampling	Date Received:	04/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed:	04/16/96-04/25/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-08000062-041096	Lab Sample ID:	L3284-13

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0939	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00574	
Copper	Copper	6010	0.00799	
Iron	Iron	6010	0.0225	U
Lead	Lead	7421	0.00173	
Manganese	Manganese	6010	0.00305	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0236	
Calcium	Calcium	6010	52.2	
Magnesium	Magnesium	6010	13.6	
Potassium	Potassium	6010	2.35	
Sodium	Sodium	6010	20.4	

Comments:

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: CALMAT/La Puente Valley County Water District
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3284
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum	10.0	10.0	100	2.00	1.98	99	1.94	97	6010
Arsenic	0.0250	0.0268	107	0.0250	0.0248	99	0.0262	105	7060
Barium	10.0	9.59	96	2.00	1.92	96	1.88	94	6010
Cadmium	0.250	0.263	105	2.00	2.12	106	2.19	110	6010
Chromium	0.500	0.466	93	2.00	2.06	103	2.10	105	6010
Copper	1.25	1.22	97	2.00	1.96	98	1.91	96	6010
Iron	5.00	4.80	96	2.00	2.05	102	2.05	102	6010
Lead	0.0250	0.0258	103	0.0250	0.0252	101	0.0257	103	7421
Manganese	0.750	0.739	99	2.00	2.10	105	2.14	107	6010
Mercury	0.00500	0.00515	103	0.00300	0.00297	99	0.00303	101	7470
Nickel	2.00	1.97	98	2.00	2.14	107	2.15	108	6010
Zinc	1.00	1.02	102	2.00	2.09	104	2.16	108	6010
Calcium	250	230	92	2.00	2.00	100	2.01	100	6010
Magnesium	250	248	99	2.00	2.06	103	2.04	102	6010
Potassium	250	255	102	10.0	9.25	92	9.21	92	6010
Sodium	250	250	100	2.00	1.94	97	1.88	94	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
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METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: CALMAT/La Puente Valley County Water District
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3284
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				2.00	1.92	96			6010
Arsenic				0.0250	0.0263	105			7060
Barium				2.00	1.86	93			6010
Cadmium				2.00	2.17	108			6010
Chromium				2.00	2.07	104			6010
Copper				2.00	1.90	95			6010
Iron				2.00	2.04	102			6010
Lead				0.0250	0.0254	102			7421
Manganese				2.00	2.12	106			6010
Mercury				0.00300	0.00308	103			7470
Nickel				2.00	2.13	106			6010
Zinc				2.00	2.14	107			6010
Calcium				2.00	2.03	102			6010
Magnesium				2.00	2.01	100			6010
Potassium				10.0	9.20	92			6010
Sodium				2.00	1.86	93			6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

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METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/29/96
Client:	CDM, Inc.	Lab P.N.:	L3284
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA		

Matrix: Liquid
Date Analyzed: 04/16/96-04/25/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum	0.0437	U	0.0437	U	0.0437	U	0.0437	U	0.0437	U	6010
Arsenic	0.00299	U	0.00299	U	0.00299	U	0.00299	U	0.00299	U	7060
Barium	0.00182		0.00134	U	0.00134	U	0.00134	U	0.00134	U	6010
Cadmium	0.00170	U	0.00170	U	0.00170	U	0.00170	U	0.00170	U	6010
Chromium	0.00180	U	0.00180	U	0.00180	U	0.00180	U	0.00180	U	6010
Copper	0.00270	U	0.00270	U	0.00270	U	0.00270	U	0.00270	U	6010
Iron	0.0225	U	0.0225	U	0.0225	U	0.0225	U	0.0225	U	6010
Lead	0.000636	U	0.000636	U	0.000636	U	0.000636	U	0.001000		7421
Manganese	0.00200	U	0.00200	U	0.00200	U	0.00200	U	0.00200	U	6010
Mercury	0.000173	U	0.000173	U	0.000173	U	0.000173	U	0.000173	U	7470
Nickel	0.00470	U	0.00470	U	0.00470	U	0.00470	U	0.00470	U	6010
Zinc	0.0175	U	0.0175	U	0.0175	U	0.0175	U	0.0175	U	6010
Calcium	0.102	U	0.102	U	0.102	U	0.102	U	0.250		6010
Magnesium	0.0424		0.0379	U	0.0379	U	0.0379	U	0.260		6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium	0.108	U	0.108	U	0.108	U	0.108	U	0.112		6010

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ICP INTERFERENCE CHECK SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: CALMAT/La Puente Valley County Water District
Baldwin Park, CA
Concentration Unit: mg/l

Report Date: 04/29/96
Lab P.N.: L3284
Client P.N.: 2581-112-T4-SAMP

	Initial			Final		
Analyte	True Sol. AB	Found Sol. AB	%R	True Sol. AB	Found Sol. AB	%R
Aluminum	500	500	100	500	503	100
Barium	2.00	1.81	90	2.00	1.84	92
Cadmium	4.00	3.63	91	4.00	3.87	97
Chromium	2.00	1.73	87	2.00	1.75	88
Copper	2.00	1.86	93	2.00	1.91	95
Iron	200	165	83	200	172	86
Manganese	2.00	1.68	84	2.00	1.76	88
Nickel	4.00	3.29	82	4.00	3.41	85
Zinc	4.00	3.53	88	4.00	3.76	94
Calcium	500	448	90	500	469	94
Magnesium	500	463	93	500	466	93

%R control limits = 80 - 120 %.

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METALS SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: CALMAT/La Puente Valley County Water District
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3284
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3284-3
Client Sample ID: BW-GW-01902920-041096
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	04/18/96	2.00	0.000	1.89	95	6010
Arsenic	04/16/96	0.0400	0.000	0.0460	115	7060
Barium	04/17/96	1.00	0.109	1.05	94	6010
Cadmium	04/17/96	1.00	0.000	0.944	94	6010
Chromium	04/18/96	2.00	0.000	1.96	98	6010
Copper	04/17/96	1.00	0.00420	0.922	92	6010
Iron	04/17/96	1.00	0.000	0.984	98	6010
Lead	04/16/96	0.0120	0.000860	0.0123	95	7421
Manganese	04/17/96	1.00	0.00201	0.983	98	6010
Mercury	04/16/96	0.00200	0.000	0.00205	103	7470
Nickel	04/17/96	1.00	0.000	0.960	96	6010
Zinc	04/17/96	1.00	0.0209	0.946	93	6010
Calcium	04/25/96	2.00	50.3	50.5	10*	6010
Magnesium	04/18/96	2.00	10.5	12.3	90	6010
Potassium	04/17/96	10.0	2.99	12.0	90	6010
Sodium	04/17/96	1.00	9.00	9.88	88	6010

Column used to flag recovery values with an asterisk
*Value outside of control limits
Spike Recovery: 1 out of 16 outside limits.

Conc Spk = Concentration of Spike in Sample
%MS = Percent Recovery of MS
Control limits for Spike Samples are 75-125%.

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C0U029
CAMP DRESSER & McKEE, INC.
18881 VON KARMAN, STE 650
IRVINE, CA 92715

MAY 21 1996

METALS POST SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: CALMAT/La Puente Valley County Water District
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3284
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3284-3
Client Sample ID: BW-GW-01902920-041096
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	04/18/96	2.00	0.000	1.97	98	6010
Arsenic	04/16/96	0.0200	0.000	0.0217	109	7060
Barium	04/17/96	5.00	0.109	5.32	104	6010
Cadmium	04/17/96	5.00	0.000	5.62	112	6010
Chromium	04/18/96	2.00	0.000	2.04	102	6010
Copper	04/17/96	5.00	0.00420	5.14	103	6010
Iron	04/17/96	5.00	0.000	5.44	109	6010
Lead	04/16/96	0.0200	0.000860	0.0215	103	7421
Manganese	04/17/96	5.00	0.00201	5.61	112	6010
Nickel	04/17/96	10.00	0.000	9.12	91	6010
Zinc	04/17/96	5.00	0.0209	5.60	112	6010
Calcium	04/25/96	50.00	50.3	106	111	6010
Magnesium	04/18/96	2.00	10.5	13.6	155*	6010
Potassium	04/17/96	50.0	2.99	53.9	102	6010
Sodium	04/17/96	5.00	9.00	13.6	92	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 1 out of 15 outside limits.

Conc Spk = Concentration of Spike in Sample.
%MS = Percent Recovery of MS.
Control limits for Post Digest Spike Samples are 75-125%.

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METALS DUPLICATES

Lab: Thermo Analytical
Client: CDM. Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: CALMAT/La Puente Valley County Water District
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3284
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3284-3
Client Sample ID: BP-GW-01902920-041096

Concentration Units: mg/l

Metal	Date Analyzed	Sample Result	Duplicate Result	RPD	Method
Barium	04/17/96	0.109	0.111	2	6010
Calcium	04/25/96	50.3	50.9	1	6010
Magnesium	04/18/96	10.5	10.7	2	6010
Potassium	04/17/96	2.99	3.00	0	6010
Sodium	04/17/96	9.00	9.18	2	6010

*Value outside control limits

Control limits equal 0-20% if sample and duplicate concentrations >/= 5x MDL.
If both sample and duplicate concentrations are < MDL, then no control limt exists.

0 out of 4 outside limits

Comments: _____

TMA
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METALS LABORATORY CONTROL SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: CALMAT/La Puente Valley County Water District
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3284
Client P.N.: 2581-112-T4-SAMP

LCS Source: QC-7 (SPEX Lot #8-92AS) QC-21 (SPEX Lot #9-138AS), HG stock Std. (SPEX Lot #7-147AS)

Concentration: mg/l

Metal	Date	LCS True Conc.	Result	%RC	Method
Aluminum	04/18/96	2.00	1.89	94	6010
Arsenic	04/16/96	0.0400	0.0407	102	7060
Barium	04/17/96	1.00	0.924	92	6010
Cadmium	04/17/96	1.00	0.898	90	6010
Chromium	04/18/96	2.00	1.98	99	6010
Copper	04/17/96	1.00	0.911	91	6010
Iron	04/17/96	1.00	0.936	94	6010
Lead	04/16/96	0.0120	0.0122	102	7421
Manganese	04/17/96	1.00	0.945	94	6010
Mercury	04/16/96	0.00200	0.00205	103	7470
Nickel	04/17/96	1.00	0.934	93	6010
Zinc	04/17/96	1.00	0.908	91	6010
Calcium	04/25/96	2.00	2.20	110	6010
Magnesium	04/18/96	2.00	2.18	109	6010
Potassium	04/17/96	10.0	9.05	91	6010
Sodium	04/17/96	1.00	1.04	104	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 0 out of 16 outside limits.

Control Limits for Laboratory Control Check Sample are 80-120%.

TMA
Thermo Analytical

ICP SERIAL DILUTIONS

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: CALMAT/La Puente Valley County Water District
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3284
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Concentration Unit: mg/l
Client Sample ID: BP-GW-01902920-041096
Lab Sample ID: L3284-3

Metal	Initial Sample Result	Serial Dilution Result	% DIFF	Method
Barium	0.109	0.111	2	6010
Calcium	50.3	54.2	8	6010
Magnesium	10.5	11.3	8	6010
Potassium	2.99	2.61	14	6010
Sodium	9.00	9.37	4	6010

%DIFF = % Difference
Series dilution (1:4 with blank water) must be performed for each batch of samples using one representative sample.;
%DIFF = [(Sample Result - Series Dilution Result)/Sample Result] X 100

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1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	4/23/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3284
		Client P.N.:	2581-112-T4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	BPOU Quarterly Sampling	Date Sampled:	4/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Received:	4/10/96
		Date Analyzed:	4/11/96-4/16/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Alkalinity (EPA 310.1)	M	85	-	80-120	-	-
Chloride (EPA 300.0)	M	80	102	80-120	22*	0-20
Nitrate-N (EPA 300.0)	M	96	97	80-120	1	0-20
Nitrite-N (EPA 300.0)	M	92	93	80-120	1	0-20
Sulfate (EPA 300.0)	M	94	92	80-120	2	0-20
Chloride (EPA 300.0)	L	97	94	80-120	3	0-20

*RPD was not within acceptable QC limits due to possible matrix interferences; LCS was within acceptable limits.

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/23/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3284
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	4/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed:	4/15/96-4/16/96
		Physical State:	Liquid

Client Sample ID	Alkalinity Bicarbonate EPA 310.1 mg/l	Alkalinity Carbonate EPA 310.1 mg/l	Total Dissolved Solids EPA 160.1 mg/l	Total Suspended Solids EPA 160.2 mg/l
BP-GW-01902920-041096	170	ND	230	ND
BP-GW-01901460-041096	190	ND	300	ND
BP-GW-01902859-041096	190	ND	310	ND
BP-GW-08000062-041096	190	ND	320	ND
Quantitation Limits mg/l	1.0	1.0	12	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/23/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.: Client P.N.:	L3284 2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	4/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed: Physical State:	4/11/96-4/15/96 Liquid

Client Sample ID	Sulfate EPA 300.0 mg/l	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l	Hardness EPA 130.2 mg/l
BP-GW-01902920-041096	17	ND	1.6	180
BP-GW-01901460-041096	22	ND	3.1	190
BP-GW-01902859-041096	23	ND	5.4	210
BP-GW-08000062-041096	25	ND	5.8	220
Quantitation Limits mg/l	1.0	0.25	0.25	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/23/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3284
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	4/10/96
Project Address:	CALMAT/La Puente Valley County Water District Baldwin Park, CA	Date Analyzed:	4/11/96-4/12/96
		Physical State:	Liquid

Client Sample ID	Chloride EPA 300.0 mg/l	Quantitation Limits mg/l
BP-GW-01902920-041096	7.7	0.25
BP-GW-01901460-041096	13	0.50
BP-GW-01902859-041096	13	0.50
BP-GW-08000062-041096	13	0.50

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 5/08/96

RECEIVED: 4/10/96

LABORATORY NO. 87475

SAMPLE: Water/4

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-01902920-041096	238	+/- 14
BP-GW-01901460-041096	280	+/- 16
BP-GW-01902859-041096	222	+/- 14
BP-GW-08000062-041096	208	+/- 15

Date Analyzed: 4/10/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

CHAIN-OF-CUSTODY RECORD

Client: CDM

Date: 4-10-96

Project Name: Quaterly Sampling

Client Reference #: 2581-112-14-SAMP

Project Address: Baldwin Park

CALMAT / La Puente Valley County Water District

Project Contact (please print): Suzanne Rowe / Barbara Wells

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Analysis Requested: All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Page 1 of 1

Lab Use Only
Lab Job # L3284
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon Draft 913	VOC's 8021	*Metals (Al, As, Ba, Cd, Cr, Fe, Pb, Mn, Ni, Zn, Hg, Cu)	*Cations (Ca, Mg, K, Na) - 6010	TDS - TSS 1601/160.2	Anions (Cl, SO4) (NO3, NO2) - 2320	Alkal (CO3, HCO3)	Hardness 130.2	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-01902920-041096	Concrete Co.	04-10-96	0930	L	X								4	40-ml VOA's **	3284-1
↓	E. Durbin					X							6	40-ml VOA's w/HCL **	-2
↓							X	X	X	X	X	X	4	1-liter poly **	-3
BP-GW-01901460-041096	WD-02	04-10-96	1110	L	X								2	40-ml VOA's	-4
↓						X							3	40-ml VOA's w/HCL	-5
↓							X	X	X	X	X	X	2	1-liter poly	-6
BP-GW-01902859-041096	WD-03	04-1096	1200	L	X								2	40-ml VOA's	-7
↓						X							3	40-ml VOA's w/HCL	-8
↓							X	X	X	X	X	X	2	1-liter poly	-9
BP-GW-01902859(F)041096	WD-03	041096	1216	L	~~X~~ LH	X							3	40-ml VOA's w/HCL	-10
BP-GW-08000062-041096	WD-04	041096	1140	L	X								2	40-ml VOA's	-11
↓						X							3	40-ml VOA's w/ HCL	-12
↓							X	X	X	X	X	X	2	1-Liter poly	-13
LH															

❶ Relinquished by (signature)* [signature]	❷ Received by (signature) [signature]	Date 4/10/96	38 Qty — Total Number of Containers
Company CDM	Company TMA	Time 2:23 pm	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date	
Company	Laboratory Name	Time	

Special Instructions
* Filtered at lab ASAP; ** Extra volume QC/MS/MSD; CLP TYPE DELIVERABLES

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS
Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800.377.2322
Fax 714.757.7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602.437.9367 Fax 602.437.9362

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Thermo Analytical

18 1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

CAMP DRESSER & McKEE, INC.
18881 VON KARMAN, STE 650
IRVINE, CA 92715

MAY 1 0 1996

May 9, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3286

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 4/11/96 were analyzed by Thermo Analytical for: Volatile Organic Compounds (VOC's) by EPA Method 8021, Metals by EPA 6000/7000 methods and various Wet Chemistry parameters.

The EPA Method 8021 samples taken on 4/11/96 were analyzed 4/11/96 - 4/12/96 which is within the allowable method holding time. The samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The 4/11/96 Method Blank detected Methylene Chloride at 0.90 ug/l. The 4/12/96 continuing calibrations had several compounds with percent differences outside the acceptable QC limits. However, the response factors for these compounds were greater than the initial calibration response factors. Since the compounds were not detected in the samples, the data was reported as is. 1,2,3-Trichloropropane and Chloromethane had response factors less than the initial calibration response factors. However, these compounds were not compounds of interest.

The Metals were analyzed 4/16/96 - 4/25/96. The matrix spike percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample. The post spike sample percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley

Don Burley
Program Manager

Enclosure

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3286
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	04/11/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/11/96
Project Address:	Maine & Lante Wells	Date Analyzed:	04/12/96
	Baldwin Park, CA	Time Analyzed:	14:35
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-01900028-041196	Lab Sample ID:	L3286-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3286
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	04/11/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/11/96
Project Address:	Maine & Lante Wells	Date Analyzed:	04/12/96
	Baldwin Park, CA	Time Analyzed:	14:35
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-01900028-041196	Lab Sample ID:	L3286-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3286
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/11/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/11/96
Project Address:	Maine & Lante Wells Baldwin Park, CA	Date Analyzed:	04/12/96
		Time Analyzed:	01:13
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-08000060(F)-041196	Lab Sample ID:	L3286-7

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.74	B
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.36	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3286
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/11/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/11/96
Project Address:	Maine & Lante Wells Baldwin Park, CA	Date Analyzed:	04/12/96
		Time Analyzed:	01:13
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-08000060(F)-041196	Lab Sample ID:	L3286-7

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3286
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/11/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/11/96
Project Address:	Maine & Lante Wells Baldwin Park, CA	Date Analyzed:	04/12/96
		Time Analyzed:	03:17
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-08000060-041196	Lab Sample ID:	L3286-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	2.8	
75-35-4	1,1-Dichloroethene	110	D1
75-09-2	Methylene chloride	1.1	B
156-60-5	trans-1,2-Dichloroethene	0.38	
75-34-3	1,1-Dichloroethane	6.7	
156-59-4	cis-1,2-Dichloroethene	81	D1
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	19	
71-55-6	1,1,1-Trichloroethane	76	D1
56-23-5	Carbon tetrachloride	7.1	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	8.8	
79-01-6	Trichloroethene	760	D2
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.50	
127-18-4	Tetrachloroethene	1200	D2
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.49	
630-20-6	1,1,1,2-Tetrachloroethane	0.54	
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D1 = Dilution factor = 5, analyzed 04/12/96.
D2 = Dilution factor = 50, analyzed 04/12/96.
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3286
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/11/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/11/96
Project Address:	Maine & Lante Wells Baldwin Park, CA	Date Analyzed:	04/12/96
		Time Analyzed:	03:17
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-08000060-041196	Lab Sample ID:	L3286-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.21	
106-46-7	1,4-Dichlorobenzene	0.27	
95-50-1	1,2-Dichlorobenzene	0.34	
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.11	
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.22	
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3286
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	Maine & Lante Wells	Date Analyzed:	04/11/96
	Baldwin Park, CA	Time Analyzed:	14:12
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	04/11 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.90	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L5292
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	Maine & Lante Wells	Date Analyzed:	04/11/96
	Baldwin Park, CA	Time Analyzed:	14:12
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	04/11 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3286
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	Maine & Lante Wells Baldwin Park, CA	Date Analyzed:	04/12/96
		Time Analyzed:	13:54
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	04/12 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	Maine & Lante Wells	Date Analyzed:	04/12/96
	Baldwin Park, CA	Time Analyzed:	13:54
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	04/12 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
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EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3286
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	04/11/96-04/12/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Maine & Lante Wells Baldwin Park, CA		
Matrix:	Liquid		
GC Column 1:	DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	109	100	108
CCV	108	109	108
CCV	112	104	112
Method Blank	108	109	115
L3286-5	112	108	112
L3286-5 RI	112	111	108
L3286-7	112	113	107
LCS	112	106	107
MS	110	115	110
MSD	105	107	107
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

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EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3286
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	04/12/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Maine & Lante Wells Baldwin Park, CA		
Matrix:	Liquid		
GC Column 1:	DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	103	87	113
CCV	107	102	110
Method Blank	109	96	112
L3286-2	106	97	112
L3286-5 R2	100	85	109
LCS	107	95	112
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3286
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	04/11/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Maine & Lante Wells Baldwin Park, CA		
Matrix:	Liquid	Lab Sample ID:	L3284-2

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC. #	QC LIMITS REC.
Benzene	20.0	0.00	20.6	103	74-121
Toluene	20.0	0.00	20.2	101	72-121
Ethylbenzene	20.0	0.00	20.9	105	72-117
o-Xylene	20.0	0.00	21.0	105	66-124
1,1-Dichloroethane	20.0	0.00	22.8	114	73-121
1,1,1-Trichloroethane	20.0	0.00	22.4	112	72-126
cis-1,3-Dichloropropene	20.0	0.00	22.5	113	58-124
Chlorobenzene	20.0	0.00	21.8	109	52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	20.2	101	2	0-10	74-121
Toluene	20.0	19.7	99	2	0-16	72-121
Ethylbenzene	20.0	20.5	103	2	0-14	72-117
o-Xylene	20.0	20.5	103	2	0-14	66-124
1,1-Dichloroethane	20.0	21.2	106	7	0-18	73-121
1,1,1-Trichloroethane	20.0	21.0	105	6	0-15	72-126
cis-1,3-Dichloropropene	20.0	21.6	108	5	0-22	58-124
Chlorobenzene	20.0	21.1	106	3	0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

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EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3286
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	04/11/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Maine & Lante Wells Baldwin Park, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC.	#	QC LIMITS REC.
Benzene	20.0	20.5	103		75-125
Toluene	20.0	20.0	100		75-125
Ethylbenzene	20.0	20.7	104		75-125
o-Xylene	20.0	20.7	104		75-125
1,1-Dichloroethane	20.0	22.7	114		75-125
1,1,1-Trichloroethane	20.0	22.2	111		75-125
cis-1,3-Dichloropropene	20.0	22.3	112		75-125
Chlorobenzene	20.0	22.4	112		75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3286
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	04/12/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Maine & Lante Wells Baldwin Park, CA		
Matrix:	Liquid		
LCS Source:	Ultra Scientific		
Lab Sample ID:	LCS		

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	21.0	105	75-125
Toluene	20.0	20.5	103	75-125
Ethylbenzene	20.0	21.1	106	75-125
o-Xylene	20.0	21.2	106	75-125
1,1-Dichloroethane	20.0	21.2	106	75-125
1,1,1-Trichloroethane	20.0	20.9	105	75-125
cis-1,3-Dichloropropene	20.0	20.7	104	75-125
Chlorobenzene	20.0	20.7	104	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3286
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/11/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4864	11
Chloromethane	9103	10	8080	11
Vinyl chloride	7475	9	8536	14
Bromomethane	4053	10	4658	15
Chloroethane	8231	9	9244	12
Trichlorofluoromethane	11964	9	13446	12
1,1-Dichloroethene	11045	9	11896	8
Methylene chloride	14825	12	15441	4
trans-1,2-Dichloroethene	11709	10	12769	9
1,1-Dichloroethane	11841	10	12988	10
cis-1,2-Dichloroethene	12091	9	12888	7
2,2-Dichloropropane	10669	12	11473	8
Bromochloromethane	8662	11	9183	6
Chloroform	15533	10	16321	5
1,1,1-Trichloroethane	14156	10	14570	3
Carbon tetrachloride	16313	9	17057	5
1,1-Dichloropropene	5579	14	6140	10
1,2-Dichloroethane	11607	9	11849	2
Trichloroethene	14474	8	14477	0
1,2-Dichloropropane	11206	8	11305	1
Dibromomethane	5500	11	5813	6
Bromodichloromethane	11224	9	11522	3
2-Chloroethyl vinyl ether	5579	14	6140	10
cis-1,3-Dichloropropene	9669	9	10396	8
trans-1,3-Dichloropropene	8941	8	9615	8
1,1,2-Trichloroethane	11768	6	12273	4
Tetrachloroethene	13939	9	14347	3
1,3-Dichloropropane	9412	8	9836	5
Dibromochloromethane	7533	13	8401	12
1,2-Dibromoethane	5371	8	5578	4
Chlorobenzene	5594	8	5912	6
1,1,1,2-Tetrachloroethane	13135	8	14031	7
Bromoform	5407	14	5769	7
1,1,2,2-Tetrachloroethane	9429	10	9291	1
1,2,3-Trichloropropane	7711	10	7396	4
2-Chlorotoluene	4767	8	5174	9
4-Chlorotoluene	4825	7	5222	8
1,3-Dichlorobenzene	7645	8	8219	8
1,4-Dichlorobenzene	8104	8	8496	5
1,2-Dichlorobenzene	7800	7	8290	6

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3286
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/11/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2533	2
1,2,4-Trichlorobenzene	8865	8	9478	7
Hexachlorobutadiene	12492	9	13171	5
1,2,3-Trichlorobenzene	8957	8	9351	4
Benzene	3199	5	3302	3
Toluene	3013	5	3037	1
Ethylbenzene	2654	5	2763	4
p,m-Xylenes	3095	3	3217	4
o-Xylene	2666	4	2784	4
Styrene	3501	3	3570	2
Isopropylbenzene	1967	7	2091	6
Bromobenzene	3251	3	3323	2
Propylbenzene	2841	13	2742	3
1,3,5-Trimethylbenzene	3661	3	3805	4
tert-Butylbenzene	2109	5	2176	3
1,2,4-Trimethylbenzene	2784	3	2891	4
sec-Butylbenzene	2178	3	2268	4
4-Isopropyltoluene	2137	4	2164	1
n-Butylbenzene	2350	2	2427	3
Naphthalene	2501	14	2565	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3286
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/12/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4851	11
Chloromethane	9103	10	7909	13
Vinyl chloride	7475	9	8743	17*
Bromomethane	4053	10	4593	13
Chloroethane	8231	9	9147	11
Trichlorofluoromethane	11964	9	13648	14
1,1-Dichloroethene	11045	9	12075	9
Methylene chloride	14825	12	15690	6
trans-1,2-Dichloroethene	11709	10	12979	11
1,1-Dichloroethane	11841	10	13296	12
cis-1,2-Dichloroethene	12091	9	13385	11
2,2-Dichloropropane	10669	12	10978	3
Bromochloromethane	8662	11	9599	11
Chloroform	15533	10	16996	9
1,1,1-Trichloroethane	14156	10	15445	9
Carbon tetrachloride	16313	9	17943	10
1,1-Dichloropropene	5579	14	6342	14
1,2-Dichloroethane	11607	9	12790	10
Trichloroethene	14474	8	15572	8
1,2-Dichloropropane	11206	8	12209	9
Dibromomethane	5500	11	6621	20*
Bromodichloromethane	11224	9	12553	12
2-Chloroethyl vinyl ether	5579	14	6342	14
cis-1,3-Dichloropropene	9669	9	10775	11
trans-1,3-Dichloropropene	8941	8	10009	12
1,1,2-Trichloroethane	11768	6	13115	11
Tetrachloroethene	13939	9	14807	6
1,3-Dichloropropane	9412	8	10539	12
Dibromochloromethane	7533	13	8983	19*
1,2-Dibromoethane	5371	8	6038	12
Chlorobenzene	5594	8	6267	12
1,1,1,2-Tetrachloroethane	13135	8	14442	10
Bromoform	5407	14	6484	20*
1,1,2,2-Tetrachloroethane	9429	10	9946	5
1,2,3-Trichloropropane	7711	10	8255	7
2-Chlorotoluene	4767	8	5312	11
4-Chlorotoluene	4825	7	5356	11
1,3-Dichlorobenzene	7645	8	8357	9
1,4-Dichlorobenzene	8104	8	8702	7
1,2-Dichlorobenzene	7800	7	8531	9

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3286
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/12/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	3061	23*
1,2,4-Trichlorobenzene	8865	8	9598	8
Hexachlorobutadiene	12492	9	13351	7
1,2,3-Trichlorobenzene	8957	8	9616	7
Benzene	3199	5	3244	1
Toluene	3013	5	2979	1
Ethylbenzene	2654	5	2719	2
p,m-Xylenes	3095	3	3151	2
o-Xylene	2666	4	2741	3
Styrene	3501	3	3508	0
Isopropylbenzene	1967	7	2055	4
Bromobenzene	3251	3	3287	1
Propylbenzene	2841	13	2737	4
1,3,5-Trimethylbenzene	3661	3	3715	1
tert-Butylbenzene	2109	5	2099	0
1,2,4-Trimethylbenzene	2784	3	2819	1
sec-Butylbenzene	2178	3	2217	2
4-Isopropyltoluene	2137	4	2113	1
n-Butylbenzene	2350	2	2342	0
Naphthalene	2501	14	2775	11

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3286
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/12/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	5094	16*
Chloromethane	9103	10	7935	13
Vinyl chloride	7475	9	8721	17*
Bromomethane	4053	10	4826	19*
Chloroethane	8231	9	9415	14
Trichlorofluoromethane	11964	9	13632	14
1,1-Dichloroethene	11045	9	12338	12
Methylene chloride	14825	12	15620	5
trans-1,2-Dichloroethene	11709	10	13048	11
1,1-Dichloroethane	11841	10	13264	12
cis-1,2-Dichloroethene	12091	9	13212	9
2,2-Dichloropropane	10669	12	10295	4
Bromochloromethane	8662	11	9569	10
Chloroform	15533	10	16719	8
1,1,1-Trichloroethane	14156	10	15378	9
Carbon tetrachloride	16313	9	18021	10
1,1-Dichloropropene	5579	14	6456	16*
1,2-Dichloroethane	11607	9	12399	7
Trichloroethene	14474	8	15920	10
1,2-Dichloropropane	11206	8	11927	6
Dibromomethane	5500	11	6353	16*
Bromodichloromethane	11224	9	12150	8
2-Chloroethyl vinyl ether	5579	14	6456	16*
cis-1,3-Dichloropropene	9669	9	10124	5
trans-1,3-Dichloropropene	8941	8	9359	5
1,1,2-Trichloroethane	11768	6	12523	6
Tetrachloroethene	13939	9	14905	7
1,3-Dichloropropane	9412	8	9971	6
Dibromochloromethane	7533	13	8476	13
1,2-Dibromoethane	5371	8	5581	4
Chlorobenzene	5594	8	6038	8
1,1,1,2-Tetrachloroethane	13135	8	14102	7
Bromoform	5407	14	6060	12
1,1,2,2-Tetrachloroethane	9429	10	9190	3
1,2,3-Trichloropropane	7711	10	7680	0
2-Chlorotoluene	4767	8	5136	8
4-Chlorotoluene	4825	7	5188	8
1,3-Dichlorobenzene	7645	8	8072	6
1,4-Dichlorobenzene	8104	8	8392	4
1,2-Dichlorobenzene	7800	7	8023	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3286
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/12/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2736	10
1,2,4-Trichlorobenzene	8865	8	8284	7
Hexachlorobutadiene	12492	9	11394	9
1,2,3-Trichlorobenzene	8957	8	8037	10
Benzene	3199	5	3350	5
Toluene	3013	5	3048	1
Ethylbenzene	2654	5	2776	5
p,m-Xylenes	3095	3	3216	4
o-Xylene	2666	4	2768	4
Styrene	3501	3	3488	0
Isopropylbenzene	1967	7	2077	6
Bromobenzene	3251	3	3279	1
Propylbenzene	2841	13	2803	1
1,3,5-Trimethylbenzene	3661	3	3699	1
tert-Butylbenzene	2109	5	2090	1
1,2,4-Trimethylbenzene	2784	3	2802	1
sec-Butylbenzene	2178	3	2204	1
4-Isopropyltoluene	2137	4	2073	3
n-Butylbenzene	2350	2	2285	3
Naphthalene	2501	14	2295	8

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3286
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/12/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4601	5
Chloromethane	9103	10	7867	14
Vinyl chloride	7475	9	8016	7
Bromomethane	4053	10	4563	13
Chloroethane	8231	9	8700	6
Trichlorofluoromethane	11964	9	12590	5
1,1-Dichloroethene	11045	9	10946	1
Methylene chloride	14825	12	13756	7
trans-1,2-Dichloroethene	11709	10	11942	2
1,1-Dichloroethane	11841	10	12007	1
cis-1,2-Dichloroethene	12091	9	12050	0
2,2-Dichloropropane	10669	12	10843	2
Bromochloromethane	8662	11	8484	2
Chloroform	15533	10	15255	2
1,1,1-Trichloroethane	14156	10	13923	2
Carbon tetrachloride	16313	9	16154	1
1,1-Dichloropropene	5579	14	5858	5
1,2-Dichloroethane	11607	9	11013	5
Trichloroethene	14474	8	13877	4
1,2-Dichloropropane	11206	8	10775	4
Dibromomethane	5500	11	5376	2
Bromodichloromethane	11224	9	11039	2
2-Chloroethyl vinyl ether	5579	14	5858	5
cis-1,3-Dichloropropene	9669	9	9617	1
trans-1,3-Dichloropropene	8941	8	8793	2
1,1,2-Trichloroethane	11768	6	10976	7
Tetrachloroethene	13939	9	13248	5
1,3-Dichloropropane	9412	8	8754	7
Dibromochloromethane	7533	13	7394	2
1,2-Dibromoethane	5371	8	4658	13
Chlorobenzene	5594	8	5439	3
1,1,1,2-Tetrachloroethane	13135	8	13008	1
Bromoform	5407	14	4959	8
1,1,2,2-Tetrachloroethane	9429	10	8047	15
1,2,3-Trichloropropane	7711	10	6222	19*
2-Chlorotoluene	4767	8	4780	0
4-Chlorotoluene	4825	7	4851	1
1,3-Dichlorobenzene	7645	8	7542	1
1,4-Dichlorobenzene	8104	8	7907	2
1,2-Dichlorobenzene	7800	7	7549	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3286
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/12/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2119	15
1,2,4-Trichlorobenzene	8865	8	8584	3
Hexachlorobutadiene	12492	9	12345	1
1,2,3-Trichlorobenzene	8957	8	8419	6
Benzene	3199	5	3406	6
Toluene	3013	5	3132	4
Ethylbenzene	2654	5	2830	7
p,m-Xylenes	3095	3	3289	6
o-Xylene	2666	4	2842	7
Styrene	3501	3	3631	4
Isopropylbenzene	1967	7	2138	9
Bromobenzene	3251	3	3362	3
Propylbenzene	2841	13	2916	3
1,3,5-Trimethylbenzene	3661	3	3884	6
tert-Butylbenzene	2109	5	2198	4
1,2,4-Trimethylbenzene	2784	3	2947	6
sec-Butylbenzene	2178	3	2321	7
4-Isopropyltoluene	2137	4	2202	3
n-Butylbenzene	2350	2	2473	5
Naphthalene	2501	14	2336	7

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3286
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/12/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4620	5
Chloromethane	9103	10	7676	16*
Vinyl chloride	7475	9	8269	11
Bromomethane	4053	10	4569	13
Chloroethane	8231	9	8859	8
Trichlorofluoromethane	11964	9	12850	7
1,1-Dichloroethene	11045	9	11192	1
Methylene chloride	14825	12	14522	2
trans-1,2-Dichloroethene	11709	10	12091	3
1,1-Dichloroethane	11841	10	12441	5
cis-1,2-Dichloroethene	12091	9	12632	4
2,2-Dichloropropane	10669	12	10575	1
Bromochloromethane	8662	11	9247	7
Chloroform	15533	10	16122	4
1,1,1-Trichloroethane	14156	10	14607	3
Carbon tetrachloride	16313	9	17027	4
1,1-Dichloropropene	5579	14	5965	7
1,2-Dichloroethane	11607	9	12083	4
Trichloroethene	14474	8	15511	7
1,2-Dichloropropane	11206	8	11450	2
Dibromomethane	5500	11	6123	11
Bromodichloromethane	11224	9	11911	6
2-Chloroethyl vinyl ether	5579	14	5965	7
cis-1,3-Dichloropropene	9669	9	10251	6
trans-1,3-Dichloropropene	8941	8	9466	6
1,1,2-Trichloroethane	11768	6	12359	5
Tetrachloroethene	13939	9	13741	1
1,3-Dichloropropane	9412	8	9779	4
Dibromochloromethane	7533	13	8301	10
1,2-Dibromoethane	5371	8	5481	2
Chlorobenzene	5594	8	5747	3
1,1,1,2-Tetrachloroethane	13135	8	13331	1
Bromoform	5407	14	5670	5
1,1,2,2-Tetrachloroethane	9429	10	8381	11
1,2,3-Trichloropropane	7711	10	7526	2
2-Chlorotoluene	4767	8	4804	1
4-Chlorotoluene	4825	7	4880	1
1,3-Dichlorobenzene	7645	8	7705	1
1,4-Dichlorobenzene	8104	8	8019	1
1,2-Dichlorobenzene	7800	7	7858	1

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3286
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/12/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2723	9
1,2,4-Trichlorobenzene	8865	8	8945	1
Hexachlorobutadiene	12492	9	12477	0
1,2,3-Trichlorobenzene	8957	8	9032	1
Benzene	3199	5	3292	3
Toluene	3013	5	3029	1
Ethylbenzene	2654	5	2741	3
p,m-Xylenes	3095	3	3188	3
o-Xylene	2666	4	2773	4
Styrene	3501	3	3551	1
Isopropylbenzene	1967	7	2077	6
Bromobenzene	3251	3	3325	2
Propylbenzene	2841	13	2716	4
1,3,5-Trimethylbenzene	3661	3	3754	3
tert-Butylbenzene	2109	5	2142	2
1,2,4-Trimethylbenzene	2784	3	2864	3
sec-Butylbenzene	2178	3	2247	3
4-Isopropyltoluene	2137	4	2125	1
n-Butylbenzene	2350	2	2387	2
Naphthalene	2501	14	2820	13

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/29/96
Client:	CDM, Inc.	Lab P.N.:	L3286
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/11/96
Project Name:	BPOU Quarterly Sampling	Date Received:	04/11/96
Project Address:	Maine & Lante Wells Baldwin Park, CA	Date Analyzed:	04/16/96-04/25/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-01900028-041196	Lab Sample ID:	L3286-3

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0842	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00492	
Iron	Iron	6010	0.0225	U
Lead	Lead	7421	0.00170	
Manganese	Manganese	6010	0.00390	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0496	
Calcium	Calcium	6010	36.8	
Magnesium	Magnesium	6010	8.07	
Potassium	Potassium	6010	2.66	
Sodium	Sodium	6010	9.43	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/29/96
Client:	CDM. Inc.	Lab P.N.:	L3286
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/11/96
Project Name:	BPOU Quarterly Sampling	Date Received:	04/11/96
Project Address:	Maine & Lante Wells Baldwin Park, CA	Date Analyzed:	04/16/96-04/25/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-08000060-041196	Lab Sample ID:	L3286-6

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.193	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00380	
Copper	Copper	6010	0.00760	
Iron	Iron	6010	0.0377	
Lead	Lead	7421	0.00127	
Manganese	Manganese	6010	0.00200	U
Mercury	Mercury	7470	0.000230	
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	82.4	
Magnesium	Magnesium	6010	18.5	
Potassium	Potassium	6010	4.23	
Sodium	Sodium	6010	26.0	

Comments:

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Maine & Lante Wells
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3286
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum	10.0	10.0	100	2.00	1.98	99	1.94	97	6010
Arsenic	0.0250	0.0268	107	0.0250	0.0248	99	0.0262	105	7060
Barium	10.0	9.59	96	2.00	1.92	96	1.88	94	6010
Cadmium	0.250	0.263	105	2.00	2.12	106	2.19	110	6010
Chromium	0.500	0.466	93	2.00	2.06	103	2.10	105	6010
Copper	1.25	1.22	97	2.00	1.96	98	1.91	96	6010
Iron	5.00	4.80	96	2.00	2.05	102	2.05	102	6010
Lead	0.0250	0.0258	103	0.0250	0.0252	101	0.0257	103	7421
Manganese	0.750	0.739	99	2.00	2.10	105	2.14	107	6010
Mercury	0.00500	0.00515	103	0.00300	0.00297	99	0.00303	101	7470
Nickel	2.00	1.97	98	2.00	2.14	107	2.15	108	6010
Zinc	1.00	1.02	102	2.00	2.09	104	2.16	108	6010
Calcium	250	230	92	2.00	2.00	100	2.01	100	6010
Magnesium	250	248	99	2.00	2.06	103	2.04	102	6010
Potassium	250	255	102	10.0	9.25	92	9.21	92	6010
Sodium	250	250	100	2.00	1.94	97	1.88	94	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Maine & Lante Wells
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3286
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				2.00	1.92	96			6010
Arsenic				0.0250	0.0263	105			7060
Barium				2.00	1.86	93			6010
Cadmium				2.00	2.17	108			6010
Chromium				2.00	2.07	104			6010
Copper				2.00	1.90	95			6010
Iron				2.00	2.04	102			6010
Lead				0.0250	0.0254	102			7421
Manganese				2.00	2.12	106			6010
Mercury				0.00300	0.00308	103			7470
Nickel				2.00	2.13	106			6010
Zinc				2.00	2.14	107			6010
Calcium				2.00	2.03	102			6010
Magnesium				2.00	2.01	100			6010
Potassium				10.0	9.20	92			6010
Sodium				2.00	1.86	93			6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/29/96
Client:	CDM, Inc.	Lab P.N.:	L3286
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	Maine & Lante Wells Baldwin Park, CA		

Matrix: Liquid
Date Analyzed: 04/16/96-04/25/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum	0.0437	U	0.0437	U	0.0437	U	0.0437	U	0.0437	U	6010
Arsenic	0.00299	U	0.00299	U	0.00299	U	0.00299	U	0.00299	U	7060
Barium	0.00182		0.00134	U	0.00134	U	0.00134	U	0.00134	U	6010
Cadmium	0.00170	U	0.00170	U	0.00170	U	0.00170	U	0.00170	U	6010
Chromium	0.00180	U	0.00180	U	0.00180	U	0.00180	U	0.00180	U	6010
Copper	0.00270	U	0.00270	U	0.00270	U	0.00270	U	0.00270	U	6010
Iron	0.0225	U	0.0225	U	0.0225	U	0.0225	U	0.0225	U	6010
Lead	0.000636	U	0.000636	U	0.000636	U	0.000636	U	0.001000		7421
Manganese	0.00200	U	0.00200	U	0.00200	U	0.00200	U	0.00200	U	6010
Mercury	0.000173	U	0.000173	U	0.000173	U	0.000173	U	0.000173	U	7470
Nickel	0.00470	U	0.00470	U	0.00470	U	0.00470	U	0.00470	U	6010
Zinc	0.0175	U	0.0175	U	0.0175	U	0.0175	U	0.0175	U	6010
Calcium	0.102	U	0.102	U	0.102	U	0.102	U	0.250		6010
Magnesium	0.0424		0.0379	U	0.0379	U	0.0379	U	0.260		6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium	0.108	U	0.108	U	0.108	U	0.108	U	0.112		6010

TMA
Thermo Analytical

ICP INTERFERENCE CHECK SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Maine & Lante Wells
Baldwin Park, CA
Concentration Unit: mg/l

Report Date: 04/29/96
Lab P.N.: L3286
Client P.N.: 2581-112-T4-SAMP

	Initial			Final		
Analyte	True Sol. AB	Found Sol. AB	%R	True Sol. AB	Found Sol. AB	%R
Aluminum	500	500	100	500	503	100
Barium	2.00	1.81	90	2.00	1.84	92
Cadmium	4.00	3.63	91	4.00	3.87	97
Chromium	2.00	1.73	87	2.00	1.75	88
Copper	2.00	1.86	93	2.00	1.91	95
Iron	200	165	83	200	172	86
Manganese	2.00	1.68	84	2.00	1.76	88
Nickel	4.00	3.29	82	4.00	3.41	85
Zinc	4.00	3.53	88	4.00	3.76	94
Calcium	500	448	90	500	469	94
Magnesium	500	463	93	500	466	93

%R control limits = 80 - 120 %.

TMA
Thermo Analytical

METALS SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Maine & Lante Wells
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3286
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3284-3
Client Sample ID: BW-GW-01902920-041096
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	04/18/96	2.00	0.000	1.89	95	6010
Arsenic	04/16/96	0.0400	0.000	0.0460	115	7060
Barium	04/17/96	1.00	0.109	1.05	94	6010
Cadmium	04/17/96	1.00	0.000	0.944	94	6010
Chromium	04/18/96	2.00	0.000	1.96	98	6010
Copper	04/17/96	1.00	0.00420	0.922	92	6010
Iron	04/17/96	1.00	0.000	0.984	98	6010
Lead	04/16/96	0.0120	0.000860	0.0123	95	7421
Manganese	04/17/96	1.00	0.00201	0.983	98	6010
Mercury	04/16/96	0.00200	0.000	0.00205	103	7470
Nickel	04/17/96	1.00	0.000	0.960	96	6010
Zinc	04/17/96	1.00	0.0209	0.946	93	6010
Calcium	04/25/96	2.00	50.3	50.5	10*	6010
Magnesium	04/18/96	2.00	10.5	12.3	90	6010
Potassium	04/17/96	10.0	2.99	12.0	90	6010
Sodium	04/17/96	1.00	9.00	9.88	88	6010

Column used to flag recovery values with an asterisk
*Value outside of control limits
Spike Recovery: 1 out of 16 outside limits.

Conc Spk = Concentration of Spike in Sample
%MS = Percent Recovery of MS
Control limits for Spike Samples are 75-125%.

TMA
Thermo Analytical

METALS POST SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Maine & Lante Wells
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3286
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3284-3
Client Sample ID: BW-GW-01902920-041096
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	04/18/96	2.00	0.000	1.97	98	6010
Arsenic	04/16/96	0.0200	0.000	0.0217	109	7060
Barium	04/17/96	5.00	0.109	5.32	104	6010
Cadmium	04/17/96	5.00	0.000	5.62	112	6010
Chromium	04/18/96	2.00	0.000	2.04	102	6010
Copper	04/17/96	5.00	0.00420	5.14	103	6010
Iron	04/17/96	5.00	0.000	5.44	109	6010
Lead	04/16/96	0.0200	0.000860	0.0215	103	7421
Manganese	04/17/96	5.00	0.00201	5.61	112	6010
Nickel	04/17/96	10.00	0.000	9.12	91	6010
Zinc	04/17/96	5.00	0.0209	5.60	112	6010
Calcium	04/25/96	50.00	50.3	106	111	6010
Magnesium	04/18/96	2.00	10.5	13.6	155*	6010
Potassium	04/17/96	50.0	2.99	53.9	102	6010
Sodium	04/17/96	5.00	9.00	13.6	92	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 1 out of 15 outside limits.

Conc Spk = Concentration of Spike in Sample.
%MS = Percent Recovery of MS.
Control limits for Post Digest Spike Samples are 75-125%.

TMA
Thermo Analytical

METALS DUPLICATES

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Maine & Lante Wells
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3286
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3284-3
Client Sample ID: BP-GW-01902920-041096

Concentration Units: mg/l

Metal	Date Analyzed	Sample Result	Duplicate Result	RPD	Method
Barium	04/17/96	0.109	0.111	2	6010
Calcium	04/25/96	50.3	50.9	1	6010
Magnesium	04/18/96	10.5	10.7	2	6010
Potassium	04/17/96	2.99	3.00	0	6010
Sodium	04/17/96	9.00	9.18	2	6010

*Value outside control limits

Control limits equal 0-20% if sample and duplicate concentrations >/= 5x MDL.
If both sample and duplicate concentrations are < MDL, then no control limt exists.

0 out of 4 outside limits

Comments: _____

TMA
Thermo Analytical

METALS LABORATORY CONTROL SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Maine & Lante Wells
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3286
Client P.N.: 2581-112-T4-SAMP

LCS Source: QC-7 (SPEX Lot #8-92AS), QC-21 (SPEX Lot #9-138AS), HG stock Std. (SPEX Lot #7-147AS)

Concentration: mg/l

Metal	Date	LCS True Conc.	Result	%RC	Method
Aluminum	04/18/96	2.00	1.89	94	6010
Arsenic	04/16/96	0.0400	0.0407	102	7060
Barium	04/17/96	1.00	0.924	92	6010
Cadmium	04/17/96	1.00	0.898	90	6010
Chromium	04/18/96	2.00	1.98	99	6010
Copper	04/17/96	1.00	0.911	91	6010
Iron	04/17/96	1.00	0.936	94	6010
Lead	04/16/96	0.0120	0.0122	102	7421
Manganese	04/17/96	1.00	0.945	94	6010
Mercury	04/16/96	0.00200	0.00205	103	7470
Nickel	04/17/96	1.00	0.934	93	6010
Zinc	04/17/96	1.00	0.908	91	6010
Calcium	04/25/96	2.00	2.20	110	6010
Magnesium	04/18/96	2.00	2.18	109	6010
Potassium	04/17/96	10.0	9.05	91	6010
Sodium	04/17/96	1.00	1.04	104	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 0 out of 16 outside limits.

Control Limits for Laboratory Control Check Sample are 80-120%.

TMA
Thermo Analytical

ICP SERIAL DILUTIONS

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Maine & Lante Wells
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3286
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Concentration Unit: mg/l
Client Sample ID: BP-GW-01902920-041096
Lab Sample ID: L3284-3

Metal	Initial Sample Result	Serial Dilution Result	% DIFF	Method
Barium	0.109	0.111	2	6010
Calcium	50.3	54.2	8	6010
Magnesium	10.5	11.3	8	6010
Potassium	2.99	2.61	14	6010
Sodium	9.00	9.37	4	6010

%DIFF = % Difference
Series dilution (1:4 with blank water) must be performed for each batch of samples using one representative sample.;
%DIFF = [(Sample Result - Series Dilution Result)/Sample Result] X 100

TMA
Thermo Analytical

TMA
Thermo Analytical

1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	4/23/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3286
		Client P.N.:	2581-112-T4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	BPOU Quarterly Sampling	Date Sampled:	4/11/96
Project Address:	Maine & Lante Wells Baldwin Park, CA	Date Received:	4/11/96
		Date Analyzed:	4/11/96-4/16/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Alkalinity (EPA 310.1)	M	85	-	80-120	-	-
Chloride (EPA 300.0)	M	80	102	80-120	22*	0-20
Nitrate-N (EPA 300.0)	M	96	97	80-120	1	0-20
Nitrite-N (EPA 300.0)	M	92	93	80-120	1	0-20
Sulfate (EPA 300.0)	M	94	92	80-120	2	0-20
Chloride (EPA 300.0)	L	97	94	80-120	3	0-20

*MS/MSD & RPD was not within acceptable QC limits due to possible matrix interferences; LCS was within acceptable limits.

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/23/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3286
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	4/11/96
Project Address:	Maine & Lante Wells Baldwin Park, CA	Date Analyzed:	4/15/96-4/16/96
		Physical State:	Liquid

Client Sample ID	Alkalinity Bicarbonate EPA 310.1 mg/l	Alkalinity Carbonate EPA 310.1 mg/l	Total Dissolved Solids EPA 160.1 mg/l	Total Suspended Solids EPA 160.2 mg/l
BP-GW-01900028-041196	140	ND	190	ND
BP-GW-08000060-041196	260	ND	450	ND
Quantitation Limits mg/l	1.0	1.0	12	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
Thermo Analytical

LABORATORY RESULTS

Client:	CDM, Inc	Report Date:	4/23/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3286
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	4/11/96
Project Address:	Maine & Lante Wells	Date Analyzed:	4/11/96-4/15/96
	Baldwin Park, CA	Physical State:	Liquid

Client Sample ID	Sulfate EPA 300.0 mg/l	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l	Hardness EPA 130.2 mg/l
BP-GW-01900028-041196	12	ND	0.71	130
BP-GW-08000060-041196	34	ND	6.4	320
Quantitation Limits mg/l	1.0	0.25	0.25	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
Thermo Analytical

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/23/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3286
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	4/11/96
Project Address:	Maine & Lante Wells Baldwin Park, CA	Date Analyzed:	4/11/96-4/12/96
		Physical State:	Liquid

Client Sample ID	Chloride EPA 300.0 mg/l	Quantitation Limits mg/l
BP-GW-01900028-041196	3.2	0.25
BP-GW-08000060-041196	37	1.3

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
Thermo Analytical

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REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 5/08/96

RECEIVED: 4/11/96

LABORATORY NO. 87497

SAMPLE: Water/2

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-01900028-041196	211	+/- 13
BP-GW-08000060-041196	220	+/- 16

Date Analyzed: 4/12/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

CHAIN-OF-CUSTODY RECORD

Client: CDM

Date: 4/11/96

Project Name: Quarterly Monitoring

Client Reference #: 2581-112-T4-SAMP

Project Address: Baldwin Park (MAINE + LANTE WELLS)

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Project Contact (please print): Suzanne Rowe

Analysis Requested (All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse))

Page 1 of 1

Lab Use Only
- Lab Job # 3286
- C.O. #
- C.O. #
- C.O. #
- C.O. #

Sample Condition Upon Receipt:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon Drat + 9B	VOCs - 8021	* Metals (Al, As, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Ni, Zn, Hg)	* Cations (Ca, Mg, K, Na) - 6010	TDS-TSS 160.1/160.2	Anions (Cl, SO4) (NO3, NO3) - 3050	Alkalinity (CO3, HCO3) - 2320	Hardness 130.2	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-01900028-04196	W Maine Well	4-11-96	1135	L	X								2	40ml VOAs	L3286-1
↓						X							3	40ml VOAs w/ HCL	-2
							X	X	X	X	X	X	2	1-Liter poly	-3
BP-GW-08000060-04196	LANTE WELL	4/11/96	1235	L	X								2	40-ml VOAs	-4
~~BP-GW-08000060(F)-04196~~ CM		~~4/11/96~~ CM	~~1240~~			X							3	40-ml VOAs w/HCL	-5
							X	X	X	X	X	X	2	1-Liter poly	-6
BP-GW-08000060(F)-04196		4/11/96	1240	L	~~X~~ 6	X							3	40-ml VOAs w/HCL	-7

CM

❶ Relinquished by (signature)*	❷ Received by (signature)	Date	Total Number of Containers
[signature]	[signature]	4/11/96	19
Company: CDM	Company: TMA	Time: 2:00	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date	
Company	Laboratory Name	Time	

Special Instructions: * Filter at lab ASAP - 0.45 mm filter, ~~**~~ CLP TYPE ~~Delivr~~ CM Deliverables

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABO

Corporate Office
1920 E. Deere Ave., Suite 130
Santa Ana, CA 92705
Tel 714.757.7022 800.377.2322
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TMA
Thermo Analytical

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Formerly Terra Tech Labs

CAMP DRESSER & McKEE, INC.
18881 VON KARMAN, STE 650
IRVINE CA 92715

MAY 1 0 1996

May 9, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3292

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 4/12/96 were analyzed by Thermo Analytical for: Volatile Organic Compounds (VOC's) by EPA Method 8021, Metals by EPA 6000/7000 methods and various Wet Chemistry parameters.

The EPA Method 8021 samples taken on 4/12/96 were analyzed 4/18/96 which is within the allowable method holding time. The samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The ending continuing calibration had several compounds with percent differences outside the acceptable QC limits. However, the response factors for these compounds were greater than the initial calibration response factors. Since the compounds were not detected in the samples, the data was reported as is.

The Metals were analyzed 4/16/96 - 4/25/96. The matrix spike percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample. The post spike sample percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley
Program Manager

Enclosure

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/12/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/12/96
Project Address:	Existing Wells, Suburban Water System Baldwin Park, CA	Date Analyzed:	04/18/96
		Time Analyzed:	16:19
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-08000069-041296	Lab Sample ID:	L3292-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.65	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/12/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/12/96
Project Address:	Existing Wells, Suburban Water System Baldwin Park, CA	Date Analyzed:	04/18/96
		Time Analyzed:	16:19
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-08000069-041296	Lab Sample ID:	L3292-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/12/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/12/96
Project Address:	Existing Wells, Suburban Water System Baldwin Park, CA	Date Analyzed:	04/18/96
		Time Analyzed:	17:00
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-01901598-041296	Lab Sample ID:	L3292-6

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.35	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.27	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.41	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.50	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
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TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/12/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/12/96
Project Address:	Existing Wells, Suburban Water System Baldwin Park, CA	Date Analyzed:	04/18/96
		Time Analyzed:	17:00
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-01901598-041296	Lab Sample ID:	L3292-6

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

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EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/12/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/12/96
Project Address:	Existing Wells, Suburban Water System Baldwin Park, CA	Date Analyzed:	04/18/96
		Time Analyzed:	17:40
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-08000095-041296	Lab Sample ID:	L3292-10

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.33	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	1.1	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/12/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/12/96
Project Address:	Existing Wells, Suburban Water System Baldwin Park, CA	Date Analyzed:	04/18/96
		Time Analyzed:	17:40
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-08000095-041296	Lab Sample ID:	L3292-10

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

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TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/12/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/12/96
Project Address:	Existing Wells, Suburban Water System Baldwin Park, CA	Date Analyzed:	04/18/96
		Time Analyzed:	15:38
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-08000095(F)-041296	Lab Sample ID:	L3292-13

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.55	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/12/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/12/96
Project Address:	Existing Wells, Suburban Water System Baldwin Park, CA	Date Analyzed:	04/18/96
		Time Analyzed:	15:38
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-08000095(F)-041296	Lab Sample ID:	L3292-13

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/12/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/12/96
Project Address:	Existing Wells, Suburban Water System Baldwin Park, CA	Date Analyzed:	04/18/96
		Time Analyzed:	19:02
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-08000095(P)-041296	Lab Sample ID:	L3292-14

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.43	
156-60-5	trans-1,2-Dichloroethene	0.73	
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	250	D
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	2.9	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	210	D
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	190	D
79-01-6	Trichloroethene	130	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	180	D
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 10, analyzed on 04/18/96.
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/12/96
Project Name:	BPOU - Quarterly Sampling	Date Received:	04/12/96
Project Address:	Existing Wells, Suburban Water System Baldwin Park, CA	Date Analyzed:	04/18/96
		Time Analyzed:	19:02
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-08000095(P)-041296	Lab Sample ID:	L3292-14

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	Existing Wells, Suburban Water System Baldwin Park, CA	Date Analyzed:	04/18/96
		Time Analyzed:	14:58
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	04/18 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Sampling	Date Received:	NA
Project Address:	Existing Wells, Suburban Water System Baldwin Park, CA	Date Analyzed:	04/18/96
		Time Analyzed:	14:58
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	04/18 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	04/18/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Existing Wells, Suburban Water System Baldwin Park, CA		
Matrix:	Liquid		
GC Column 1:	DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	105	94	113
CCV	105	105	101
Method Blank	108	98	113
L3292-2	110	98	108
L3292-6	108	101	108
L3292-10	103	98	108
L3292-13	106	92	111
L3292-14	117	108	109
L3292-14 DIL	106	101	107
LCS	111	104	101
MS	117	102	106
MSD	120	104	108
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	04/18/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Existing Wells, Suburban Water System Baldwin Park, CA		
Matrix:	Liquid		
Client Sample:	BP-GW-08000069-041296	Lab Sample ID:	L3292-2

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	0.00	20.4	102		74-121
Toluene	20.0	0.00	19.8	99		72-121
Ethylbenzene	20.0	0.00	20.5	103		72-117
o-Xylene	20.0	0.00	20.5	103		66-124
1,1-Dichloroethane	20.0	0.00	23.5	118		73-121
1,1,1-Trichloroethane	20.0	0.00	22.2	111		72-126
cis-1,3-Dichloropropene	20.0	0.00	21.4	107		58-124
Chlorobenzene	20.0	0.00	20.8	104		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	20.6	103		1		0-10	74-121
Toluene	20.0	20.0	100		1		0-16	72-121
Ethylbenzene	20.0	20.7	104		1		0-14	72-117
o-Xylene	20.0	20.7	104		1		0-14	66-124
1,1-Dichloroethane	20.0	23.4	117		1		0-18	73-121
1,1,1-Trichloroethane	20.0	21.7	109		2		0-15	72-126
cis-1,3-Dichloropropene	20.0	21.9	110		3		0-22	58-124
Chlorobenzene	20.0	21.4	107		3		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	04/23/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	04/18/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Existing Wells, Suburban Water System Baldwin Park, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	20.1	101	75-125
Toluene	20.0	19.6	98	75-125
Ethylbenzene	20.0	20.3	102	75-125
o-Xylene	20.0	20.2	101	75-125
1,1-Dichloroethane	20.0	22.3	112	75-125
1,1,1-Trichloroethane	20.0	22.0	110	75-125
cis-1,3-Dichloropropene	20.0	22.2	111	75-125
Chlorobenzene	20.0	22.3	112	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3292
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/18/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4850	11
Chloromethane	9103	10	7945	13
Vinyl chloride	7475	9	8251	10
Bromomethane	4053	10	4539	12
Chloroethane	8231	9	8664	5
Trichlorofluoromethane	11964	9	12832	7
1,1-Dichloroethene	11045	9	11294	2
Methylene chloride	14825	12	14163	4
trans-1,2-Dichloroethene	11709	10	12319	5
1,1-Dichloroethane	11841	10	12487	5
cis-1,2-Dichloroethene	12091	9	12601	4
2,2-Dichloropropane	10669	12	11337	6
Bromochloromethane	8662	11	8566	1
Chloroform	15533	10	15780	2
1,1,1-Trichloroethane	14156	10	14573	3
Carbon tetrachloride	16313	9	16905	4
1,1-Dichloropropene	5579	14	5945	7
1,2-Dichloroethane	11607	9	11399	2
Trichloroethene	14474	8	14444	0
1,2-Dichloropropane	11206	8	11170	0
Dibromomethane	5500	11	5434	1
Bromodichloromethane	11224	9	11454	2
2-Chloroethyl vinyl ether	5579	14	5945	7
cis-1,3-Dichloropropene	9669	9	10031	4
trans-1,3-Dichloropropene	8941	8	8994	1
1,1,2-Trichloroethane	11768	6	11449	3
Tetrachloroethene	13939	9	13783	1
1,3-Dichloropropane	9412	8	9168	3
Dibromochloromethane	7533	13	7672	2
1,2-Dibromoethane	5371	8	4832	10
Chlorobenzene	5594	8	5877	5
1,1,1,2-Tetrachloroethane	13135	8	13166	0
Bromoform	5407	14	5275	2
1,1,2,2-Tetrachloroethane	9429	10	8560	9
1,2,3-Trichloropropane	7711	10	6740	13
2-Chlorotoluene	4767	8	4954	4
4-Chlorotoluene	4825	7	5065	5
1,3-Dichlorobenzene	7645	8	7767	2
1,4-Dichlorobenzene	8104	8	8219	1
1,2-Dichlorobenzene	7800	7	7838	0

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3292
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/18/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2266	9
1,2,4-Trichlorobenzene	8865	8	8676	2
Hexachlorobutadiene	12492	9	12727	2
1,2,3-Trichlorobenzene	8957	8	8541	5
Benzene	3199	5	3356	5
Toluene	3013	5	3093	3
Ethylbenzene	2654	5	2830	7
p,m-Xylenes	3095	3	3278	6
o-Xylene	2666	4	2824	6
Styrene	3501	3	3598	3
Isopropylbenzene	1967	7	2140	9
Bromobenzene	3251	3	3333	3
Propylbenzene	2841	13	2687	5
1,3,5-Trimethylbenzene	3661	3	3841	5
tert-Butylbenzene	2109	5	2190	4
1,2,4-Trimethylbenzene	2784	3	2895	4
sec-Butylbenzene	2178	3	2298	6
4-Isopropyltoluene	2137	4	2184	2
n-Butylbenzene	2350	2	2387	2
Naphthalene	2501	14	2324	7

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3292
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/18/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	5276	20*
Chloromethane	9103	10	8298	9
Vinyl chloride	7475	9	8927	19*
Bromomethane	4053	10	4751	17*
Chloroethane	8231	9	9343	14
Trichlorofluoromethane	11964	9	14158	18*
1,1-Dichloroethene	11045	9	12322	12
Methylene chloride	14825	12	15742	6
trans-1,2-Dichloroethene	11709	10	13171	12
1,1-Dichloroethane	11841	10	13427	13
cis-1,2-Dichloroethene	12091	9	13360	10
2,2-Dichloropropane	10669	12	11392	7
Bromochloromethane	8662	11	9752	13
Chloroform	15533	10	17042	10
1,1,1-Trichloroethane	14156	10	15434	9
Carbon tetrachloride	16313	9	18447	13
1,1-Dichloropropene	5579	14	6549	17*
1,2-Dichloroethane	11607	9	12499	8
Trichloroethene	14474	8	15258	5
1,2-Dichloropropane	11206	8	12042	7
Dibromomethane	5500	11	6472	18*
Bromodichloromethane	11224	9	12484	11
2-Chloroethyl vinyl ether	5579	14	6549	17*
cis-1,3-Dichloropropene	9669	9	10872	12
trans-1,3-Dichloropropene	8941	8	9957	11
1,1,2-Trichloroethane	11768	6	12836	9
Tetrachloroethene	13939	9	14852	7
1,3-Dichloropropane	9412	8	10279	9
Dibromochloromethane	7533	13	8784	17*
1,2-Dibromoethane	5371	8	5865	9
Chlorobenzene	5594	8	6312	13
1,1,1,2-Tetrachloroethane	13135	8	14369	9
Bromoform	5407	14	6271	16*
1,1,2,2-Tetrachloroethane	9429	10	10282	9
1,2,3-Trichloropropane	7711	10	8295	8
2-Chlorotoluene	4767	8	5419	14
4-Chlorotoluene	4825	7	5471	13
1,3-Dichlorobenzene	7645	8	8452	11
1,4-Dichlorobenzene	8104	8	8834	9
1,2-Dichlorobenzene	7800	7	8646	11

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	04/23/96
		Lab P.N.:	L3292
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/18/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	3012	21*
1,2,4-Trichlorobenzene	8865	8	9643	9
Hexachlorobutadiene	12492	9	13238	6
1,2,3-Trichlorobenzene	8957	8	9665	8
Benzene	3199	5	3182	1
Toluene	3013	5	2924	3
Ethylbenzene	2654	5	2677	1
p,m-Xylenes	3095	3	3101	0
o-Xylene	2666	4	2699	1
Styrene	3501	3	3426	2
Isopropylbenzene	1967	7	2016	2
Bromobenzene	3251	3	3209	1
Propylbenzene	2841	13	2610	8
1,3,5-Trimethylbenzene	3661	3	3672	0
tert-Butylbenzene	2109	5	2056	3
1,2,4-Trimethylbenzene	2784	3	2775	0
sec-Butylbenzene	2178	3	2179	0
4-Isopropyltoluene	2137	4	2086	2
n-Butylbenzene	2350	2	2330	1
Naphthalene	2501	14	2544	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/29/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	04/12/96
Project Name:	BPOU Quarterly Sampling	Date Received:	04/12/96
Project Address:	Existing Wells, Surburban Water System	Date Analyzed:	04/16/96-04/25/96
	Baldwin Park, CA	Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-08000069-041296	Lab Sample ID:	L3292-3

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0784	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00705	
Copper	Copper	6010	0.00948	
Iron	Iron	6010	0.0225	U
Lead	Lead	7421	0.00320	
Manganese	Manganese	6010	0.00644	
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	52.9	
Magnesium	Magnesium	6010	13.2	
Potassium	Potassium	6010	2.02	
Sodium	Sodium	6010	20.1	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/29/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/12/96
Project Name:	BPOU Quarterly Sampling	Date Received:	04/12/96
Project Address:	Existing Wells, Surburban Water System Baldwin Park, CA	Date Analyzed:	04/16/96-04/25/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-01901598-041296	Lab Sample ID:	L3292-7

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.212	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00180	U
Copper	Copper	6010	0.00851	
Iron	Iron	6010	0.0320	
Lead	Lead	7421	0.00242	
Manganese	Manganese	6010	0.00200	U
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0177	
Calcium	Calcium	6010	112	
Magnesium	Magnesium	6010	25.5	
Potassium	Potassium	6010	4.36	
Sodium	Sodium	6010	26.4	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/29/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/12/96
Project Name:	BPOU Quarterly Sampling	Date Received:	04/12/96
Project Address:	Existing Wells, Surburban Water System Baldwin Park, CA	Date Analyzed:	04/16/96-04/25/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-08000095-041296	Lab Sample ID:	L3292-11

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.0810	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00524	
Copper	Copper	6010	0.00858	
Iron	Iron	6010	0.0225	U
Lead	Lead	7421	0.00189	
Manganese	Manganese	6010	0.00200	U
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00584	
Zinc	Zinc	6010	0.0175	U
Calcium	Calcium	6010	46.6	
Magnesium	Magnesium	6010	11.2	
Potassium	Potassium	6010	2.43	
Sodium	Sodium	6010	23.3	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/29/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/12/96
Project Name:	BPOU Quarterly Sampling	Date Received:	04/12/96
Project Address:	Existing Wells, Surburban Water System Baldwin Park, CA	Date Analyzed:	04/16/96-04/25/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-08000095(P)-041296	Lab Sample ID:	L3292-15

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.0801	
Barium	Barium	6010	0.361	
Cadmium	Cadmium	6010	0.0874	
Chromium	Chromium	6010	0.334	
Copper	Copper	6010	0.110	
Iron	Iron	6010	0.463	
Lead	Lead	7421	0.134	
Manganese	Manganese	6010	0.185	
Mercury	Mercury	7470	0.0105	
Nickel	Nickel	6010	0.392	
Zinc	Zinc	6010	0.206	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/29/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/12/96
Project Name:	BPOU Quarterly Sampling	Date Received:	04/12/96
Project Address:	Existing Wells, Surburban Water System Baldwin Park, CA	Date Analyzed:	04/18/96-04/25/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-08000095(P)-041296	Lab Sample ID:	L3292-16

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Calcium	Calcium	6010	53.8	
Magnesium	Magnesium	6010	28.9	

Comments:

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	04/29/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/12/96
Project Name:	BPOU Quarterly Sampling	Date Received:	04/12/96
Project Address:	Existing Wells, Surburban Water System Baldwin Park, CA	Date Analyzed:	04/18/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-08000095(P)-041296	Lab Sample ID:	L3292-17

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Potassium	Potassium	6010	107	
Sodium	Sodium	6010	152	

Comments:

TMA
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METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Existing Wells, Surburban Water System
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3292
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum	10.0	10.0	100	2.00	1.98	99	1.94	97	6010
Arsenic	0.0250	0.0268	107	0.0250	0.0248	99	0.0262	105	7060
Barium	10.0	9.59	96	2.00	1.92	96	1.88	94	6010
Cadmium	0.250	0.263	105	2.00	2.12	106	2.19	110	6010
Chromium	0.500	0.466	93	2.00	2.06	103	2.10	105	6010
Copper	1.25	1.22	97	2.00	1.96	98	1.91	96	6010
Iron	5.00	4.80	96	2.00	2.05	102	2.05	102	6010
Lead	0.0250	0.0258	103	0.0250	0.0252	101	0.0257	103	7421
Manganese	0.750	0.739	99	2.00	2.10	105	2.14	107	6010
Mercury	0.00500	0.00515	103	0.00300	0.00297	99	0.00303	101	7470
Nickel	2.00	1.97	98	2.00	2.14	107	2.15	108	6010
Zinc	1.00	1.02	102	2.00	2.09	104	2.16	108	6010
Calcium	250	230	92	2.00	2.00	100	2.01	100	6010
Magnesium	250	248	99	2.00	2.06	103	2.04	102	6010
Potassium	250	255	102	10.0	9.25	92	9.21	92	6010
Sodium	250	250	100	2.00	1.94	97	1.88	94	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

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METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Existing Wells, Surburban Water System
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3292
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				2.00	1.92	96			6010
Arsenic				0.0250	0.0263	105			7060
Barium				2.00	1.86	93			6010
Cadmium				2.00	2.17	108			6010
Chromium				2.00	2.07	104			6010
Copper				2.00	1.90	95			6010
Iron				2.00	2.04	102			6010
Lead				0.0250	0.0254	102			7421
Manganese				2.00	2.12	106			6010
Mercury				0.00300	0.00308	103			7470
Nickel				2.00	2.13	106			6010
Zinc				2.00	2.14	107			6010
Calcium				2.00	2.03	102			6010
Magnesium				2.00	2.01	100			6010
Potassium				10.0	9.20	92			6010
Sodium				2.00	1.86	93			6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

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METALS BLANKS

Lab:	Thermo Analytical	Report Date:	04/29/96
Client:	CDM, Inc.	Lab P.N.:	L3292
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	Existing Wells, Surburban Water System Baldwin Park, CA		

Matrix: Liquid
Date Analyzed: 04/16/96-04/25/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum	0.0437	U	0.0437	U	0.0437	U	0.0437	U	0.0437	U	6010
Arsenic	0.00299	U	0.00299	U	0.00299	U	0.00299	U	0.00299	U	7060
Barium	0.00182		0.00134	U	0.00134	U	0.00134	U	0.00134	U	6010
Cadmium	0.00170	U	0.00170	U	0.00170	U	0.00170	U	0.00170	U	6010
Chromium	0.00180	U	0.00180	U	0.00180	U	0.00180	U	0.00180	U	6010
Copper	0.00270	U	0.00270	U	0.00270	U	0.00270	U	0.00270	U	6010
Iron	0.0225	U	0.0225	U	0.0225	U	0.0225	U	0.0225	U	6010
Lead	0.000636	U	0.000636	U	0.000636	U	0.000636	U	0.001000		7421
Manganese	0.00200	U	0.00200	U	0.00200	U	0.00200	U	0.00200	U	6010
Mercury	0.000173	U	0.000173	U	0.000173	U	0.000173	U	0.000173	U	7470
Nickel	0.00470	U	0.00470	U	0.00470	U	0.00470	U	0.00470	U	6010
Zinc	0.0175	U	0.0175	U	0.0175	U	0.0175	U	0.0175	U	6010
Calcium	0.102	U	0.102	U	0.102	U	0.102	U	0.250		6010
Magnesium	0.0424		0.0379	U	0.0379	U	0.0379	U	0.260		6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium	0.108	U	0.108	U	0.108	U	0.108	U	0.112		6010

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ICP INTERFERENCE CHECK SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Existing Wells, Surburban Water System
Baldwin Park, CA
Concentration Unit: mg/l

Report Date: 04/29/96
Lab P.N.: L3292
Client P.N.: 2581-112-T4-SAMP

	Initial			Final		
Analyte	True Sol. AB	Found Sol. AB	%R	True Sol. AB	Found Sol. AB	%R
Aluminum	500	500	100	500	503	100
Barium	2.00	1.81	90	2.00	1.84	92
Cadmium	4.00	3.63	91	4.00	3.87	97
Chromium	2.00	1.73	87	2.00	1.75	88
Copper	2.00	1.86	93	2.00	1.91	95
Iron	200	165	83	200	172	86
Manganese	2.00	1.68	84	2.00	1.76	88
Nickel	4.00	3.29	82	4.00	3.41	85
Zinc	4.00	3.53	88	4.00	3.76	94
Calcium	500	448	90	500	469	94
Magnesium	500	463	93	500	466	93

%R control limits = 80 - 120 %.

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METALS SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Existing Wells, Surburban Water System
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3292
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3284-3
Client Sample ID: BW-GW-01902920-041096
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	04/18/96	2.00	0.000	1.89	95	6010
Arsenic	04/16/96	0.0400	0.000	0.0460	115	7060
Barium	04/17/96	1.00	0.109	1.05	94	6010
Cadmium	04/17/96	1.00	0.000	0.944	94	6010
Chromium	04/18/96	2.00	0.000	1.96	98	6010
Copper	04/17/96	1.00	0.00420	0.922	92	6010
Iron	04/17/96	1.00	0.000	0.984	98	6010
Lead	04/16/96	0.0120	0.000860	0.0123	95	7421
Manganese	04/17/96	1.00	0.00201	0.983	98	6010
Mercury	04/16/96	0.00200	0.000	0.00205	103	7470
Nickel	04/17/96	1.00	0.000	0.960	96	6010
Zinc	04/17/96	1.00	0.0209	0.946	93	6010
Calcium	04/25/96	2.00	50.3	50.5	10*	6010
Magnesium	04/18/96	2.00	10.5	12.3	90	6010
Potassium	04/17/96	10.0	2.99	12.0	90	6010
Sodium	04/17/96	1.00	9.00	9.88	88	6010

Column used to flag recovery values with an asterisk
*Value outside of control limits
Spike Recovery: 1 out of 16 outside limits.

Conc Spk = Concentration of Spike in Sample
%MS = Percent Recovery of MS
Control limits for Spike Samples are 75-125%.

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METALS POST SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Existing Wells, Surburban Water System
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3292
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3284-3
Client Sample ID: BW-GW-01902920-041096
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	04/18/96	2.00	0.000	1.97	98	6010
Arsenic	04/16/96	0.0200	0.000	0.0217	109	7060
Barium	04/17/96	5.00	0.109	5.32	104	6010
Cadmium	04/17/96	5.00	0.000	5.62	112	6010
Chromium	04/18/96	2.00	0.000	2.04	102	6010
Copper	04/17/96	5.00	0.00420	5.14	103	6010
Iron	04/17/96	5.00	0.000	5.44	109	6010
Lead	04/16/96	0.0200	0.000860	0.0215	103	7421
Manganese	04/17/96	5.00	0.00201	5.61	112	6010
Nickel	04/17/96	10.00	0.000	9.12	91	6010
Zinc	04/17/96	5.00	0.0209	5.60	112	6010
Calcium	04/25/96	50.00	50.3	106	111	6010
Magnesium	04/18/96	2.00	10.5	13.6	155*	6010
Potassium	04/17/96	50.0	2.99	53.9	102	6010
Sodium	04/17/96	5.00	9.00	13.6	92	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 1 out of 15 outside limits.

Conc Spk = Concentration of Spike in Sample.
%MS = Percent Recovery of MS.
Control limits for Post Digest Spike Samples are 75-125%.

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METALS DUPLICATES

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Existing Wells, Surburban Water System
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3292
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3284-3
Client Sample ID: BP-GW-01902920-041096

Concentration Units: mg/l

Metal	Date Analyzed	Sample Result	Duplicate Result	RPD	Method
Barium	04/17/96	0.109	0.111	2	6010
Calcium	04/25/96	50.3	50.9	1	6010
Magnesium	04/18/96	10.5	10.7	2	6010
Potassium	04/17/96	2.99	3.00	0	6010
Sodium	04/17/96	9.00	9.18	2	6010

*Value outside control limits

Control limits equal 0-20% if sample and duplicate concentrations >/= 5x MDL.
If both sample and duplicate concentrations are < MDL, then no control limt exists.

0 out of 4 outside limits

Comments: _____

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METALS LABORATORY CONTROL SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Existing Wells, Surburban Water System
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3292
Client P.N.: 2581-112-T4-SAMP

LCS Source: QC-7 (SPEX Lot #8-92AS), QC-21 (SPEX Lot #9-138AS), HG stock Std. (SPEX Lot #7-147AS)

Concentration: mg/l

Metal	Date	LCS True Conc.	Result	%RC	Method
Aluminum	04/18/96	2.00	1.89	94	6010
Arsenic	04/16/96	0.0400	0.0407	102	7060
Barium	04/17/96	1.00	0.924	92	6010
Cadmium	04/17/96	1.00	0.898	90	6010
Chromium	04/18/96	2.00	1.98	99	6010
Copper	04/17/96	1.00	0.911	91	6010
Iron	04/17/96	1.00	0.936	94	6010
Lead	04/16/96	0.0120	0.0122	102	7421
Manganese	04/17/96	1.00	0.945	94	6010
Mercury	04/16/96	0.00200	0.00205	103	7470
Nickel	04/17/96	1.00	0.934	93	6010
Zinc	04/17/96	1.00	0.908	91	6010
Calcium	04/25/96	2.00	2.20	110	6010
Magnesium	04/18/96	2.00	2.18	109	6010
Potassium	04/17/96	10.0	9.05	91	6010
Sodium	04/17/96	1.00	1.04	104	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 0 out of 16 outside limits.

Control Limits for Laboratory Control Check Sample are 80-120%.

TMA
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ICP SERIAL DILUTIONS

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Existing Wells, Surburban Water System
Baldwin Park, CA

Report Date: 04/29/96
Lab P.N.: L3292
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Concentration Unit: mg/l
Client Sample ID: BP-GW-01902920-041096
Lab Sample ID: L3284-3

Metal	Initial Sample Result	Serial Dilution Result	% DIFF	Method
Barium	0.109	0.111	2	6010
Calcium	50.3	54.2	8	6010
Magnesium	10.5	11.3	8	6010
Potassium	2.99	2.61	14	6010
Sodium	9.00	9.37	4	6010

%DIFF = % Difference
Series dilution (1:4 with blank water) must be performed for each batch of samples using one representative sample.;
%DIFF = [(Sample Result - Series Dilution Result)/Sample Result] X 100

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1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	4/23/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3292
		Client P.N.:	2581-112-T4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	BPOU Quarterly Sampling	Date Sampled:	4/12/96
Project Address:	Existing Wells, Suburban Water Systems Baldwin Park, CA	Date Received:	4/12/96
		Date Analyzed:	4/12/96-4/16/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Alkalinity (EPA 310.1)	M	85	-	80-120	-	-
Chloride (EPA 300.0)	M	116	83	80-120	33*	0-20
Nitrate-N (EPA 300.0)	M	78*	77*	80-120	1	0-20
Nitrite-N (EPA 300.0)	M	92	90	80-120	2	0-20
Sulfate (EPA 300.0)	M	89	87	80-120	2	0-20
Chloride (EPA 300.0)	L	91	91	80-120	0	0-20
Nitrate-N (EPA 300.0)	L	95	94	80-120	1	0-20

*MS/MSD & RPD was not within acceptable QC limits due to possible matrix interferences; LCS was within acceptable limits.

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/23/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3292
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	4/12/96
Project Address:	Existing Wells, Suburban Water Systems Baldwin Park, CA	Date Analyzed:	4/15/96-4/16/96
		Physical State:	Liquid

Client Sample ID	Alkalinity Bicarbonate EPA 310.1 mg/l	Alkalinity Carbonate EPA 310.1 mg/l	Total Dissolved Solids EPA 160.1 mg/l	Total Suspended Solids EPA 160.2 mg/l
BP-GW-08000069-041296	170	ND	320	ND
BP-GW-01901598-041296	280	ND	600	ND
BP-GW-08000095-041296	190	ND	290	ND
BP-GW-08000095(P)-041296	190	ND	890	ND
Quantitation Limits mg/l	1.0	1.0	12	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
Thermo Analytical

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/23/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.: Client P.N.:	L3292 2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	4/12/96
Project Address:	Existing Wells, Suburban Water Systems Baldwin Park, CA	Date Analyzed: Physical State:	4/12/96-4/15/96 Liquid

Client Sample ID	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l	Hardness EPA 130.2 mg/l
BP-GW-08000069-041296	ND	6.6	190
BP-GW-01901598-041296	ND	21	410
BP-GW-08000095-041296	ND	2.1	180
BP-GW-08000095(P)-041296	ND	ND	12
Quantitation Limits mg/l	0.25	0.25	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
Thermo Analytical

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/23/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3292
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	4/12/96
Project Address:	Existing Wells, Suburban Water Systems Baldwin Park, CA	Date Analyzed:	4/12/96
		Physical State:	Liquid

Client Sample ID	Sulfate EPA 300.0 mg/l	Quantitation Limits mg/l
BP-GW-08000069-041296	24	1.0
BP-GW-01901598-041296	54	5.0
BP-GW-08000095-041296	21	1.0
BP-GW-08000095(P)-041296	94	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
Thermo Analytical

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	4/23/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3292
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling	Date Sampled:	4/12/96
Project Address:	Existing Wells, Suburban Water Systems Baldwin Park, CA	Date Analyzed:	4/12/96
		Physical State:	Liquid

Client Sample ID	Chloride EPA 300.0 mg/l	Quantitation Limits mg/l
BP-GW-08000069-041296	13	0.50
BP-GW-01901598-041296	50	1.3
BP-GW-08000095-041296	12	0.50
BP-GW-08000095(P)-041296	140	5.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
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REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 5/08/96

RECEIVED: 4/12/96

LABORATORY NO. 87549

SAMPLE: Water/3

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-08000069	264	+/- 15
BP-GW-01901598	220	+/- 13
BP-GW-08000095	188	+/- 14

Date Analyzed: 4/12/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

CHAIN-OF-CUSTODY RECORD

Client: CDM

Date: 4/12/96

Page 1 of 2

Project Name: Quarterly Sampling

Client Reference #: 2581-112-T4-SAMP

Lab Use Only
Lab Job # 3292
C.O. #
C.O. #
C.O. #
C.O. #

Project Address: 8 Baldwin Park

Existing Wells; Suburban Water System

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☑ Normal
- ☐ Mobile Lab

Project Contact (please print): Suzanne Rowe / Barbara Wells

Sample Condition Upon Receipt:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Analysis Requested
All analyses and deliverables must be identified (see section 3.8 & 4.9 on reverse)

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	Radon Draft 913	VOC's - 8021	Metals (Al, As, Ba, Cd, Cu, Fe, Pb, Mn, Ag, Se)	Cations (Ca, Mg, K, Na)	TDS-TSS 160.1/160.2	Anions (Cl, SO4)(NO3, NO2)	Alkal (CO3-HCO3) - 2320	Hardness - 130.2	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-08000069-041296	139 W4	4-12-96	1015	L	X								2	40ml VOA's	3292-1
						X							3	40ml VOA's w/HCL	-2
							X	X					1	1-Liter poly*	-3
									X	X	X	X	1	1 Liter poly	-4
BP-GW-01901588-041296	139W1	4-12-96	1050	L	X								2	40ml VOA's	-5
						X							3	40ml VOA's w/HCL	-6
							X	X					1	1 Liter poly*	-7
									X	X	X	X	1	1 Liter poly	-8
BP-GW-08000095-041296	139W5	4-12-96	1110	L	X								2	40-ml VOA's	-9
						X							3	40-ml VOA's w/HCL	-10
							X	X					1	1 Liter poly*	-11
									X	X	X	X	1	1 Liter poly	-12
BP-GW-08000095(F)041296	139W5(F)	4-12-96	1127	L		X							3	40ml VOA's	-13
													24	Total Number of Containers	

❶ Relinquished by (signature)*	❷ Received by (signature)	Date 4/12/96	
Company CDM	Company TTA	Time 2:35	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date	
Company	Laboratory Name	Time	

Special Instructions
CLP TYPE PAPERWORK; *FILTER LAB ASAP - 0.45 mm filter

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave., Suite 130
Santa Ana, CA 92705
Tel 714.757.7022 800 377.2322
Fax 714.757.7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602 437.9367 Fax 602 437 9362

040000

CHAIN-OF-CUSTODY RECORD

Client: CDM

Date: 4/12/96

Project Name: Quaterly Sampling

Client Reference #: 2581-112-T4-SAMP

Project Address: Baldwin Park

Existing Wells, Suburban Water System

Project Contact (please print): Suzanne Rowe \ Barbara Wells

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☑ Normal
- ☐ Mobile Lab

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Page 2 of 2

Lab Use Only
Lab Job # 3292
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	VOC's 8021	Metals (Al, As, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Ni, Zn, Ag)	TSS, Hardness, Mg, Ca	Na, K, TDS, Alkal, Anions					Number of Containers	Container/Comments	Lab Sample Number
BP-GW-08000095(P)-041296	139W5	4-12-96	1145	L	X								3	40-ml VOAs	3292-14
						X							1	500-ml poly w/HNO3	-15
							X						1	1-Liter poly	-16
								X					1	500-ml poly	-17

LM

❶ Relinquished by (signature)* [signature]	❷ Received by (signature) [signature]	Date 4/12/96	5 Total Number of Containers
Company CDM	Company TMA	Time 2:35	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date	
Company	Laboratory Name	Time	

Special Instructions
CLP TYPE PAPERWORK

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800 377.2322
Fax 714.757.7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602.437.9367 Fax 602 437 9362

000041

TMA
Thermo Analytical

1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

CAMP DRESSER & McKEE, INC.
18881 VON KARMAN, STE 650
IRVINE, CA 92715

MAY 17 1996

May 16, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3315

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 4/19/96 were analyzed by Thermo Analytical for: Volatile Organic Compounds (VOC's) by EPA Method 8021, Metals by EPA 6000/7000 methods and various Wet Chemistry parameters.

The EPA Method 8021 samples taken on 4/19/96 were analyzed 4/19/96 - 4/22/96 which is within the allowable method holding time. The samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The 4/23/96 MS/MSD recoveries and RPD for 1,1-Dichloroethane were outside acceptable QC limits due to the high concentration of the analyte found in the native sample. The LCS was within acceptable QC limits and the data was reported as is.

The 4/19/96 continuing calibration had two compounds with percent differences outside the acceptable QC limits. The Vinyl chloride response factor was greater than the initial calibration response factor. Since the compound was not detected in the samples, the data was reported as is. The 1,2,3-Trichloropropane response factor was less than the initial calibration response factor. The samples were re-analyzed 4/22/96 to confirm the 1,2,3-Trichloropropane data. The 4/20/96 continuing calibration had several compounds with percent differences outside the acceptable QC limits. However, the response factors were greater than the initial calibration response factors. Since the compounds were not detected in the samples, the data was reported as is. The 4/22/96 - 4/23/96 continuing calibrations had Chloromethane and Bromomethane percent differences outside the acceptable QC limits. However, these were not compounds of interest for the 4/22/96 analyses.

The Metals were analyzed 4/23/96 - 4/30/96. The post spike sample percent recovery for Calcium was outside the acceptable QC limits due to the high concentration found in the native sample.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley
Program Manager

Enclosure

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	05/02/96
Client:	CDM, Inc.	Lab P.N.:	L3315
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/19/96
Project Name:	BPOU - Quarterly Monitoring	Date Received:	04/19/96
Project Address:	Scott Street, Key Well Baldwin Park, CA	Date Analyzed:	04/19/96
		Time Analyzed:	20:20
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-Z1000006-041996	Lab Sample ID:	L3315-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	87	D
75-09-2	Methylene chloride	0.92	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	3.0	
156-59-4	cis-1,2-Dichloroethene	69	D
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	21	
71-55-6	1,1,1-Trichloroethane	29	
56-23-5	Carbon tetrachloride	1.4	
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	2.1	
79-01-6	Trichloroethene	640	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	350	D
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 50, analyzed on 04/22/96.
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	05/02/96
Client:	CDM, Inc.	Lab P.N.:	L3315
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/19/96
Project Name:	BPOU - Quarterly Monitoring	Date Received:	04/19/96
Project Address:	Scott Street, Key Well Baldwin Park, CA	Date Analyzed:	04/19/96
		Time Analyzed:	20:20
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-Z1000006-041996	Lab Sample ID:	L3315-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.093	
108-88-3	Toluene	0.53	
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.14	
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	05/02/96
Client:	CDM, Inc.	Lab P.N.:	L3315
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/19/96
Project Name:	BPOU - Quarterly Monitoring	Date Received:	04/19/96
Project Address:	Scott Street, Key Well Baldwin Park, CA	Date Analyzed:	04/19/96
		Time Analyzed:	18:16
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Field Blank 1	Lab Sample ID:	L3315-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	05/02/96
Client:	CDM, Inc.	Lab P.N.:	L3315
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/19/96
Project Name:	BPOU - Quarterly Monitoring	Date Received:	04/19/96
Project Address:	Scott Street, Key Well Baldwin Park, CA	Date Analyzed:	04/19/96
		Time Analyzed:	18:16
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Field Blank 1	Lab Sample ID:	L3315-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	05/02/96
Client:	CDM, Inc.	Lab P.N.:	L3315
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Monitoring	Date Received:	NA
Project Address:	Scott Street, Key Well Baldwin Park, CA	Date Analyzed:	04/19/96
		Time Analyzed:	17:35
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	04/19 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	05/02/96
Client:	CDM, Inc.	Lab P.N.:	L3315
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Monitoring	Date Received:	NA
Project Address:	Scott Street, Key Well Baldwin Park, CA	Date Analyzed:	04/19/96
		Time Analyzed:	17:35
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	04/19 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	05/02/96
Client:	CDM, Inc.	Lab P.N.:	L3315
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Monitoring	Date Received:	NA
Project Address:	Scott Street, Key Well Baldwin Park, CA	Date Analyzed:	04/22/96
		Time Analyzed:	17:28
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	04/22 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	05/02/96
Client:	CDM, Inc.	Lab P.N.:	L3315
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Monitoring	Date Received:	NA
Project Address:	Scott Street, Key Well Baldwin Park, CA	Date Analyzed:	04/22/96
		Time Analyzed:	17:28
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	04/22 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.31	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.13	U
100-42-5	Styrene	0.13	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.22	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.24	U
104-51-8	n-Butylbenzene	0.16	U
91-20-3	Naphthalene	0.37	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	05/02/96
Client:	CDM, Inc.	Lab P.N.:	L3315
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	04/19/96-04/20/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Scott Street, Key Well Baldwin Park, CA		
Matrix:	Liquid		
GC Column 1:	DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	106	88	108
CCV	112	109	105
Method Blank	102	89	105
L3315-1	107	105	113
L3315-2	107	93	105
LCS	108	110	104
MS	108	108	106
MSD	106	109	103
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	05/02/96
Client:	CDM, Inc.	Lab P.N.:	L3315
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	04/22/96-04/23/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Scott Street, Key Well Baldwin Park, CA		
Matrix:	Liquid		
GC Column 1:	DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	104	94	111
CCV	105	96	105
CCV	100	95	105
Method Blank	105	95	111
L3315-1DIL	103	101	111
LCS	99	103	105
MS	99	105	108
MSD	105	110	108
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	05/02/96
Client:	CDM, Inc.	Lab P.N.:	L3315
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	04/20/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Scott Street, Key Well Baldwin Park, CA		
Matrix:	Liquid		
Client Sample:	BP-GW-Z1000006-041996	Lab Sample ID:	L3315-1

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	0.0932	20.1	100		74-121
Toluene	20.0	0.527	20.0	97		72-121
Ethylbenzene	20.0	0.00	20.3	102		72-117
o-Xylene	20.0	0.00	20.2	101		66-124
1,1-Dichloroethane	20.0	2.98	25.9	115		73-121
1,1,1-Trichloroethane	20.0	29.0	48.7	99		72-126
cis-1,3-Dichloropropene	20.0	0.00	23.1	116		58-124
Chlorobenzene	20.0	0.00	23.3	117		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	20.3	101		1		0-10	74-121
Toluene	20.0	20.2	98		1		0-16	72-121
Ethylbenzene	20.0	20.6	103		1		0-14	72-117
o-Xylene	20.0	20.5	103		2		0-14	66-124
1,1-Dichloroethane	20.0	25.4	112		3		0-18	73-121
1,1,1-Trichloroethane	20.0	47.9	95		4		0-15	72-126
cis-1,3-Dichloropropene	20.0	22.6	113		3		0-22	58-124
Chlorobenzene	20.0	23.9	120		3		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	05/02/96
Client:	CDM, Inc.	Lab P.N.:	L3315
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	04/23/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Scott Street, Key Well Baldwin Park, CA		
Matrix:	Liquid		
		Lab Sample ID:	L3317-9

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	20.0	0.10	20.4	102		74-121
Toluene	20.0	0.13	20.0	99		72-121
Ethylbenzene	20.0	0.44	20.9	102		72-117
o-Xylene	20.0	0.00	20.6	103		66-124
1,1-Dichloroethane	20.0	198	198	0	*	73-121
1,1,1-Trichloroethane	20.0	3.33	23.5	101		72-126
cis-1,3-Dichloropropene	20.0	0.00	20.7	104		58-124
Chlorobenzene	20.0	0.00	22.2	111		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	20.8	104		2		0-10	74-121
Toluene	20.0	19.9	99		0		0-16	72-121
Ethylbenzene	20.0	20.9	102		0		0-14	72-117
o-Xylene	20.0	20.3	102		1		0-14	66-124
1,1-Dichloroethane	20.0	199	5	*	200	*	0-18	73-121
1,1,1-Trichloroethane	20.0	23.9	103		2		0-15	72-126
cis-1,3-Dichloropropene	20.0	21.1	106		2		0-22	58-124
Chlorobenzene	20.0	22.2	111		0		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 2 out of 16 outside limits.
Spike Recovery: 1 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	05/02/96
Client:	CDM, Inc.	Lab P.N.:	L3315
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	04/20/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Scott Street, Key Well Baldwin Park, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	20.0	100	75-125
Toluene	20.0	19.5	98	75-125
Ethylbenzene	20.0	20.2	101	75-125
o-Xylene	20.0	20.3	102	75-125
1,1-Dichloroethane	20.0	22.5	113	75-125
1,1,1-Trichloroethane	20.0	22.2	111	75-125
cis-1,3-Dichloropropene	20.0	21.9	110	75-125
Chlorobenzene	20.0	22.2	111	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Thermo Analytical
CDM, Inc.
18881 Von Karman, Suite 650
Irvine, CA 92715
BPOU - Quarterly Sampling
Scott Street, Key Well
Baldwin Park, CA

Report Date: 05/02/96
Lab P.N.: L3315
Client P.N.: 2581-112-T4-SAMP
Date Analyzed: 04/23/96

Liquid
Ultra Scientific
LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	20.0	100	75-125
Toluene	20.0	19.5	98	75-125
Ethylbenzene	20.0	20.2	101	75-125
o-Xylene	20.0	20.4	102	75-125
1,1-Dichloroethane	20.0	23.3	117	75-125
1,1,1-Trichloroethane	20.0	20.9	105	75-125
cis-1,3-Dichloropropene	20.0	20.7	104	75-125
Chlorobenzene	20.0	21.4	107	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	05/02/96
		Lab P.N.:	L3315
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/19/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4946	13
Chloromethane	9103	10	8769	4
Vinyl chloride	7475	9	8753	17*
Bromomethane	4053	10	4535	12
Chloroethane	8231	9	9042	10
Trichlorofluoromethane	11964	9	13623	14
1,1-Dichloroethene	11045	9	11504	4
Methylene chloride	14825	12	14265	4
trans-1,2-Dichloroethene	11709	10	12384	6
1,1-Dichloroethane	11841	10	12130	2
cis-1,2-Dichloroethene	12091	9	12316	2
2,2-Dichloropropane	10669	12	11302	6
Bromochloromethane	8662	11	8457	2
Chloroform	15533	10	15554	0
1,1,1-Trichloroethane	14156	10	14254	1
Carbon tetrachloride	16313	9	16313	0
1,1-Dichloropropene	5579	14	5821	4
1,2-Dichloroethane	11607	9	11155	4
Trichloroethene	14474	8	14147	2
1,2-Dichloropropane	11206	8	10900	3
Dibromomethane	5500	11	5291	4
Bromodichloromethane	11224	9	11044	2
2-Chloroethyl vinyl ether	5579	14	5821	4
cis-1,3-Dichloropropene	9669	9	9645	0
trans-1,3-Dichloropropene	8941	8	8719	2
1,1,2-Trichloroethane	11768	6	10970	7
Tetrachloroethene	13939	9	13444	4
1,3-Dichloropropane	9412	8	8847	6
Dibromochloromethane	7533	13	7426	1
1,2-Dibromoethane	5371	8	4682	13
Chlorobenzene	5594	8	5499	2
1,1,1,2-Tetrachloroethane	13135	8	12847	2
Bromoform	5407	14	5046	7
1,1,2,2-Tetrachloroethane	9429	10	8292	12
1,2,3-Trichloropropane	7711	10	6491	16*
2-Chlorotoluene	4767	8	4834	1
4-Chlorotoluene	4825	7	4894	1
1,3-Dichlorobenzene	7645	8	7536	1
1,4-Dichlorobenzene	8104	8	7986	1
1,2-Dichlorobenzene	7800	7	7581	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	05/02/96
		Lab P.N.:	L3315
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/19/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2188	12
1,2,4-Trichlorobenzene	8865	8	8655	2
Hexachlorobutadiene	12492	9	12568	1
1,2,3-Trichlorobenzene	8957	8	8447	6
Benzene	3199	5	3256	2
Toluene	3013	5	3011	0
Ethylbenzene	2654	5	2746	3
p,m-Xylenes	3095	3	3166	2
o-Xylene	2666	4	2710	2
Styrene	3501	3	3461	1
Isopropylbenzene	1967	7	2067	5
Bromobenzene	3251	3	3205	1
Propylbenzene	2841	13	2703	5
1,3,5-Trimethylbenzene	3661	3	3748	2
tert-Butylbenzene	2109	5	2110	0
1,2,4-Trimethylbenzene	2784	3	2824	1
sec-Butylbenzene	2178	3	2240	3
4-Isopropyltoluene	2137	4	2129	0
n-Butylbenzene	2350	2	2386	2
Naphthalene	2501	14	2243	10

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	05/02/96
		Lab P.N.:	L3315
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/20/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	5205	19*
Chloromethane	9103	10	8439	7
Vinyl chloride	7475	9	8867	19*
Bromomethane	4053	10	4702	16*
Chloroethane	8231	9	9380	14
Trichlorofluoromethane	11964	9	13983	17*
1,1-Dichloroethene	11045	9	12239	11
Methylene chloride	14825	12	15115	2
trans-1,2-Dichloroethene	11709	10	12998	11
1,1-Dichloroethane	11841	10	13319	12
cis-1,2-Dichloroethene	12091	9	13410	11
2,2-Dichloropropane	10669	12	10721	0
Bromochloromethane	8662	11	9684	12
Chloroform	15533	10	16879	9
1,1,1-Trichloroethane	14156	10	15627	10
Carbon tetrachloride	16313	9	17723	9
1,1-Dichloropropene	5579	14	6256	12
1,2-Dichloroethane	11607	9	12627	9
Trichloroethene	14474	8	16161	12
1,2-Dichloropropane	11206	8	11847	6
Dibromomethane	5500	11	6456	17*
Bromodichloromethane	11224	9	12150	8
2-Chloroethyl vinyl ether	5579	14	6256	12
cis-1,3-Dichloropropene	9669	9	10468	8
trans-1,3-Dichloropropene	8941	8	9661	8
1,1,2-Trichloroethane	11768	6	12810	9
Tetrachloroethene	13939	9	14864	7
1,3-Dichloropropane	9412	8	10330	10
Dibromochloromethane	7533	13	8724	16*
1,2-Dibromoethane	5371	8	5886	10
Chlorobenzene	5594	8	6252	12
1,1,1,2-Tetrachloroethane	13135	8	14228	8
Bromoform	5407	14	6363	18*
1,1,2,2-Tetrachloroethane	9429	10	9262	2
1,2,3-Trichloropropane	7711	10	8234	7
2-Chlorotoluene	4767	8	5299	11
4-Chlorotoluene	4825	7	5376	11
1,3-Dichlorobenzene	7645	8	8441	10
1,4-Dichlorobenzene	8104	8	8794	9
1,2-Dichlorobenzene	7800	7	8393	8

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	05/02/96
		Lab P.N.:	L3315
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/20/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	3062	23*
1,2,4-Trichlorobenzene	8865	8	9599	8
Hexachlorobutadiene	12492	9	13356	7
1,2,3-Trichlorobenzene	8957	8	9658	8
Benzene	3199	5	3203	0
Toluene	3013	5	2944	2
Ethylbenzene	2654	5	2703	2
p,m-Xylenes	3095	3	3127	1
o-Xylene	2666	4	2706	1
Styrene	3501	3	3463	1
Isopropylbenzene	1967	7	2037	4
Bromobenzene	3251	3	3240	0
Propylbenzene	2841	13	2622	8
1,3,5-Trimethylbenzene	3661	3	3694	1
tert-Butylbenzene	2109	5	2077	2
1,2,4-Trimethylbenzene	2784	3	2797	0
sec-Butylbenzene	2178	3	2200	1
4-Isopropyltoluene	2137	4	2106	1
n-Butylbenzene	2350	2	2337	1
Naphthalene	2501	14	2688	7

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	05/02/96
		Lab P.N.:	L3315
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4473	2
Chloromethane	9103	10	6837	25*
Vinyl chloride	7475	9	8461	13
Bromomethane	4053	10	4532	12
Chloroethane	8231	9	8696	6
Trichlorofluoromethane	11964	9	13004	9
1,1-Dichloroethene	11045	9	11541	4
Methylene chloride	14825	12	14965	1
trans-1,2-Dichloroethene	11709	10	12291	5
1,1-Dichloroethane	11841	10	12656	7
cis-1,2-Dichloroethene	12091	9	12256	1
2,2-Dichloropropane	10669	12	11261	6
Bromochloromethane	8662	11	8873	2
Chloroform	15533	10	15751	1
1,1,1-Trichloroethane	14156	10	14454	2
Carbon tetrachloride	16313	9	16705	2
1,1-Dichloropropene	5579	14	5754	3
1,2-Dichloroethane	11607	9	11688	1
Trichloroethene	14474	8	14333	1
1,2-Dichloropropane	11206	8	11186	0
Dibromomethane	5500	11	5897	7
Bromodichloromethane	11224	9	11644	4
2-Chloroethyl vinyl ether	5579	14	5754	3
cis-1,3-Dichloropropene	9669	9	10186	5
trans-1,3-Dichloropropene	8941	8	9367	5
1,1,2-Trichloroethane	11768	6	12005	2
Tetrachloroethene	13939	9	13876	0
1,3-Dichloropropane	9412	8	9550	1
Dibromochloromethane	7533	13	8191	9
1,2-Dibromoethane	5371	8	5338	1
Chlorobenzene	5594	8	5907	6
1,1,1,2-Tetrachloroethane	13135	8	13644	4
Bromoform	5407	14	5692	5
1,1,2,2-Tetrachloroethane	9429	10	9090	4
1,2,3-Trichloropropane	7711	10	7260	6
2-Chlorotoluene	4767	8	4940	4
4-Chlorotoluene	4825	7	5015	4
1,3-Dichlorobenzene	7645	8	7924	4
1,4-Dichlorobenzene	8104	8	8318	3
1,2-Dichlorobenzene	7800	7	8042	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	05/02/96
		Lab P.N.:	L3315
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/22/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2439	2
1,2,4-Trichlorobenzene	8865	8	9195	4
Hexachlorobutadiene	12492	9	12903	3
1,2,3-Trichlorobenzene	8957	8	9145	2
Benzene	3199	5	3410	7
Toluene	3013	5	3148	4
Ethylbenzene	2654	5	2855	7
p,m-Xylenes	3095	3	3309	7
o-Xylene	2666	4	2868	8
Styrene	3501	3	3686	5
Isopropylbenzene	1967	7	2139	9
Bromobenzene	3251	3	3442	6
Propylbenzene	2841	13	3211	13
1,3,5-Trimethylbenzene	3661	3	3923	7
tert-Butylbenzene	2109	5	2223	5
1,2,4-Trimethylbenzene	2784	3	2989	7
sec-Butylbenzene	2178	3	2312	6
4-Isopropyltoluene	2137	4	2255	6
n-Butylbenzene	2350	2	2507	7
Naphthalene	2501	14	2619	5

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	05/02/96
		Lab P.N.:	L3315
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/23/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4567	4
Chloromethane	9103	10	5481	40*
Vinyl chloride	7475	9	8247	10
Bromomethane	4053	10	4717	16*
Chloroethane	8231	9	8198	0
Trichlorofluoromethane	11964	9	13156	10
1,1-Dichloroethene	11045	9	11593	5
Methylene chloride	14825	12	14023	5
trans-1,2-Dichloroethene	11709	10	12169	4
1,1-Dichloroethane	11841	10	12570	6
cis-1,2-Dichloroethene	12091	9	12648	5
2,2-Dichloropropane	10669	12	10883	2
Bromochloromethane	8662	11	8949	3
Chloroform	15533	10	16170	4
1,1,1-Trichloroethane	14156	10	14655	4
Carbon tetrachloride	16313	9	17259	6
1,1-Dichloropropene	5579	14	6017	8
1,2-Dichloroethane	11607	9	11587	0
Trichloroethene	14474	8	15221	5
1,2-Dichloropropane	11206	8	11349	1
Dibromomethane	5500	11	5878	7
Bromodichloromethane	11224	9	11865	6
2-Chloroethyl vinyl ether	5579	14	6017	8
cis-1,3-Dichloropropene	9669	9	10067	4
trans-1,3-Dichloropropene	8941	8	9204	3
1,1,2-Trichloroethane	11768	6	11807	0
Tetrachloroethene	13939	9	14192	2
1,3-Dichloropropane	9412	8	9433	0
Dibromochloromethane	7533	13	8153	8
1,2-Dibromoethane	5371	8	5283	2
Chlorobenzene	5594	8	6064	8
1,1,1,2-Tetrachloroethane	13135	8	13716	4
Bromoform	5407	14	5674	5
1,1,2,2-Tetrachloroethane	9429	10	8543	9
1,2,3-Trichloropropane	7711	10	6996	9
2-Chlorotoluene	4767	8	5038	6
4-Chlorotoluene	4825	7	5144	7
1,3-Dichlorobenzene	7645	8	7938	4
1,4-Dichlorobenzene	8104	8	8293	2
1,2-Dichlorobenzene	7800	7	7952	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	05/02/96
		Lab P.N.:	L3315
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/23/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2499	0
1,2,4-Trichlorobenzene	8865	8	8849	0
Hexachlorobutadiene	12492	9	12801	2
1,2,3-Trichlorobenzene	8957	8	8720	3
Benzene	3199	5	3218	1
Toluene	3013	5	2981	1
Ethylbenzene	2654	5	2711	7
p,m-Xylenes	3095	3	3151	2
o-Xylene	2666	4	2723	2
Styrene	3501	3	3453	1
Isopropylbenzene	1967	7	2053	4
Bromobenzene	3251	3	3207	1
Propylbenzene	2841	13	2949	4
1,3,5-Trimethylbenzene	3661	3	3696	1
tert-Butylbenzene	2109	5	2101	0
1,2,4-Trimethylbenzene	2784	3	2784	0
sec-Butylbenzene	2178	3	2209	1
4-Isopropyltoluene	2137	4	2116	1
n-Butylbenzene	2350	2	2347	0
Naphthalene	2501	14	2339	6

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	05/02/96
		Lab P.N.:	L3315
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/23/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	4381	11	4429	1
Chloromethane	9103	10	4693	48*
Vinyl chloride	7475	9	7836	5
Bromomethane	4053	10	4100	1
Chloroethane	8231	9	7477	9
Trichlorofluoromethane	11964	9	12619	5
1,1-Dichloroethene	11045	9	11041	0
Methylene chloride	14825	12	13859	7
trans-1,2-Dichloroethene	11709	10	11665	0
1,1-Dichloroethane	11841	10	12178	3
cis-1,2-Dichloroethene	12091	9	12404	3
2,2-Dichloropropane	10669	12	9995	6
Bromochloromethane	8662	11	8913	3
Chloroform	15533	10	15894	2
1,1,1-Trichloroethane	14156	10	14717	4
Carbon tetrachloride	16313	9	17113	5
1,1-Dichloropropene	5579	14	5968	7
1,2-Dichloroethane	11607	9	11679	1
Trichloroethene	14474	8	15381	6
1,2-Dichloropropane	11206	8	11310	1
Dibromomethane	5500	11	5961	8
Bromodichloromethane	11224	9	11818	5
2-Chloroethyl vinyl ether	5579	14	5968	7
cis-1,3-Dichloropropene	9669	9	9693	0
trans-1,3-Dichloropropene	8941	8	8772	2
1,1,2-Trichloroethane	11768	6	11969	2
Tetrachloroethene	13939	9	13777	1
1,3-Dichloropropane	9412	8	9363	1
Dibromochloromethane	7533	13	8128	8
1,2-Dibromoethane	5371	8	5203	3
Chlorobenzene	5594	8	5874	5
1,1,1,2-Tetrachloroethane	13135	8	13556	3
Bromoform	5407	14	5651	5
1,1,2,2-Tetrachloroethane	9429	10	8305	12
1,2,3-Trichloropropane	7711	10	7237	6
2-Chlorotoluene	4767	8	4861	2
4-Chlorotoluene	4825	7	4902	2
1,3-Dichlorobenzene	7645	8	7635	0
1,4-Dichlorobenzene	8104	8	8037	1
1,2-Dichlorobenzene	7800	7	7833	0

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	05/02/96
		Lab P.N.:	L3315
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	03/13/96
		Daily Calibration Date:	04/23/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	2490	18	2511	1
1,2,4-Trichlorobenzene	8865	8	8486	4
Hexachlorobutadiene	12492	9	12308	1
1,2,3-Trichlorobenzene	8957	8	8586	4
Benzene	3199	5	3214	0
Toluene	3013	5	2969	1
Ethylbenzene	2654	5	2703	7
p,m-Xylenes	3095	3	3130	1
o-Xylene	2666	4	2710	2
Styrene	3501	3	3450	1
Isopropylbenzene	1967	7	2058	5
Bromobenzene	3251	3	3240	0
Propylbenzene	2841	13	2933	3
1,3,5-Trimethylbenzene	3661	3	3671	0
tert-Butylbenzene	2109	5	2137	1
1,2,4-Trimethylbenzene	2784	3	2786	0
sec-Butylbenzene	2178	3	2223	2
4-Isopropyltoluene	2137	4	2293	7
n-Butylbenzene	2350	2	2292	2
Naphthalene	2501	14	2485	1

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

METALS ANALYSIS DATA SHEET

Lab:	Thermo Analytical	Report Date:	05/06/96
Client:	CDM, Inc.	Lab P.N.:	L3315
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	04/19/96
Project Name:	BPOU Quarterly Sampling	Date Received:	04/19/96
Project Address:	Scott Street, Key Well Baldwin Park, CA	Date Analyzed:	04/23/96-04/30/96
		Dilution Factor:	1.0
Matrix:	Liquid		
Client Sample ID:	BP-GW-Z1000006-041996	Lab Sample ID:	L3315-1

Concentration: mg/l

AFI Code	Analyte	Method	Concentration	Q
Aluminum	Aluminum	6010	0.0437	U
Arsenic	Arsenic	7060	0.00299	U
Barium	Barium	6010	0.168	
Cadmium	Cadmium	6010	0.00170	U
Chromium	Chromium	6010	0.00215	
Copper	Copper	6010	0.00477	
Iron	Iron	6010	0.0225	U
Lead	Lead	7421	0.000636	U
Manganese	Manganese	6010	0.00200	U
Mercury	Mercury	7470	0.000173	U
Nickel	Nickel	6010	0.00470	U
Zinc	Zinc	6010	0.0180	
Calcium	Calcium	6010	82.0	
Magnesium	Magnesium	6010	16.6	
Potassium	Potassium	6010	3.60	
Sodium	Sodium	6010	11.4	

Comments:

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Scott Street, Key Well
Baldwin Park, CA

Report Date: 05/06/96
Lab P.N.: L3315
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum	10.0	9.71	97	2.00	2.05	103	1.99	100	6010
Arsenic	0.0250	0.0268	107	0.0250	0.0257	103	0.0269	108	7060
Barium	10.0	9.42	94	2.00	2.09	104	2.01	100	6010
Cadmium	0.250	0.240	96	2.00	2.11	105	2.14	107	6010
Chromium	0.500	0.449	90	2.00	2.10	105	2.06	103	6010
Copper	1.25	1.17	93	2.00	2.11	105	2.03	102	6010
Iron	5.00	4.54	91	2.00	2.11	106	2.04	102	6010
Lead	0.0250	0.0249	100	0.0250	0.0248	99	0.0230	92	7421
Manganese	0.750	0.690	92	2.00	2.16	108	2.12	106	6010
Mercury	0.00500	0.00503	101	0.00300	0.00289	96	0.00278	93	7470
Nickel	2.00	1.81	91	2.00	2.18	109	2.17	108	6010
Zinc	1.00	0.920	92	2.00	2.08	104	2.09	104	6010
Calcium	250	250	100	2.00	2.08	104	2.08	104	6010
Magnesium	250	253	101	2.00	2.03	102	2.01	101	6010
Potassium	250	254	102	10.0	9.88	99	9.69	97	6010
Sodium	250	248	99	2.00	1.98	99	1.96	98	6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS INITIAL AND CONTINUING CALIBRATION REPORT

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Scott Street, Key Well
Baldwin Park, CA

Report Date: 05/06/96
Lab P.N.: L3315
Client P.N.: 2581-112-T4-SAMP

Concentration: mg/l

Metal	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	Method
Aluminum				2.00	2.01	100			6010
Arsenic				0.0250	0.0242	97			7060
Barium				2.00	2.02	101			6010
Cadmium				2.00	2.17	109			6010
Chromium				2.00	2.07	104			6010
Copper				2.00	2.04	102			6010
Iron				2.00	2.05	102			6010
Lead									7421
Manganese				2.00	2.12	106			6010
Mercury									7470
Nickel				2.00	2.18	109			6010
Zinc				2.00	2.11	105			6010
Calcium									6010
Magnesium									6010
Potassium									6010
Sodium									6010

% Recovery Control Limits: Mercury 80-120%; Other Metals 90-110%.

TMA
Thermo Analytical

METALS BLANKS

Lab:	Thermo Analytical	Report Date:	05/06/96
Client:	CDM, Inc.	Lab P.N.:	L3315
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Sampling		
Project Address:	Scott Street, Key Well Baldwin Park, CA		

Matrix: Liquid
Date Analyzed: 04/23/96-04/30/96
Concentration: mg/l

Analyte	Inital Calib. Blank (mg/l)	Q	Continuing Calibration Blank (mg/l)						Preparation Blank	C	Method
			Conc.	C	Conc.	C	Conc.	C			
Aluminum	0.0437	U	0.0437	U	0.0437	U	0.0437	U	0.0437	U	6010
Arsenic	0.00299	U	0.00299	U	0.00299	U	0.00299	U	0.00299	U	7060
Barium	0.00248		0.00134	U	0.00134	U	0.00134	U	0.00160		6010
Cadmium	0.00170	U	0.00170	U	0.00170	U	0.00170	U	0.00170	U	6010
Chromium	0.00180	U	0.00180	U	0.00180	U	0.00180	U	0.00180	U	6010
Copper	0.00270	U	0.00270	U	0.00270	U	0.00270	U	0.00270	U	6010
Iron	0.0225	U	0.0225	U	0.0225	U	0.0225	U	0.0225	U	6010
Lead	0.000636	U	0.000636	U	0.000636	U			0.000636	U	7421
Manganese	0.00200	U	0.00200	U	0.00200	U	0.00200	U	0.00200	U	6010
Mercury	0.000173	U	0.000173	U	0.000173	U			0.000173	U	7470
Nickel	0.00470	U	0.0260		0.00568		0.00612		0.00470	U	6010
Zinc	0.0175	U	0.0175	U	0.0175	U	0.0175	U	0.0175	U	6010
Calcium	0.102	U	0.102	U	0.102	U	0.102	U	0.490		6010
Magnesium	0.0379	U	0.0379	U	0.0379	U	0.0379	U	0.456		6010
Potassium	0.358	U	0.358	U	0.358	U	0.358	U	0.358	U	6010
Sodium	0.108	U	0.108	U	0.108	U	0.295		0.140		6010

TMA
Thermo Analytical

ICP INTERFERENCE CHECK SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Scott Street, Key Well
Baldwin Park, CA
Concentration Unit: mg/l

Report Date: 05/06/96
Lab P.N.: L3315
Client P.N.: 2581-112-T4-SAMP

Analyte	Initial True Sol. AB	Initial Found Sol. AB	Initial %R	Final True Sol. AB	Final Found Sol. AB	Final %R
Aluminum	500	486	97	500	477	95
Barium	2.00	1.91	95	2.00	1.88	94
Cadmium	4.00	3.60	90	4.00	3.64	91
Chromium	2.00	1.73	86	2.00	1.70	85
Copper	2.00	1.86	93	2.00	1.81	91
Iron	200	169	85	200	165	82
Manganese	2.00	1.71	86	2.00	1.68	84
Nickel	4.00	3.37	84	4.00	3.40	85
Zinc	4.00	3.51	88	4.00	3.51	88
Calcium	500	461	92	500	473	95
Magnesium	500	467	93	500	476	95

%R control limits = 80 - 120 %.

TMA
Thermo Analytical

METALS SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Scott Street, Key Well
Baldwin Park, CA

Report Date: 05/06/96
Lab P.N.: L3315
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3315-1
Client Sample ID: BW-GW-Z1000006-041996
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	04/26/96	2.00	0.000	1.76	88	6010
Arsenic	04/23/96	0.0400	0.000	0.0492	123	7060
Barium	04/26/96	2.00	0.168	1.94	89	6010
Cadmium	04/26/96	0.0500	0.000	0.0456	91	6010
Chromium	04/26/96	0.200	0.00215	0.173	85	6010
Copper	04/26/96	0.250	0.00477	0.221	86	6010
Iron	04/26/96	1.00	0.000	0.871	87	6010
Lead	04/23/96	0.0120	0.000	0.00963	80	7421
Manganese	04/26/96	0.500	0.000	0.436	87	6010
Mercury	04/23/96	0.00200	0.000	0.00201	101	7470
Nickel	04/26/96	0.500	0.000	0.439	88	6010
Zinc	04/26/96	0.500	0.0180	0.434	83	6010
Calcium	04/30/96	10.0	82.0	93.2	112	6010
Magnesium	04/30/96	10.0	16.6	26.2	96	6010
Potassium	04/30/96	10.0	3.60	12.8	92	6010
Sodium	04/30/96	10.0	11.4	21.5	101	6010

Column used to flag recovery values with an asterisk
*Value outside of control limits
Spike Recovery: 0 out of 16 outside limits.

Conc Spk = Concentration of Spike in Sample
%MS = Percent Recovery of MS
Control limits for Spike Samples are 75-125%.

TMA
Thermo Analytical

METALS POST SPIKE SAMPLE RECOVERY

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Scott Street, Key Well
Baldwin Park, CA

Report Date: 05/06/96
Lab P.N.: L3315
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3315-1
Client Sample ID: BW-GW-Z1000006-041996
Concentration: mg/l

Metal	Date Analyzed	Spike Added	Sample Result	MS Spiked Sample Result	%MS	Method
Aluminum	04/26/96	5.00	0.000	4.90	98	6010
Arsenic	04/23/96	0.0200	0.000	0.0242	121	7060
Barium	04/26/96	5.00	0.168	5.13	99	6010
Cadmium	04/26/96	5.00	0.000	5.07	101	6010
Chromium	04/26/96	5.00	0.00215	4.97	99	6010
Copper	04/26/96	5.00	0.00477	4.95	99	6010
Iron	04/26/96	5.00	0.000	4.96	99	6010
Lead	04/23/96	0.0200	0.000	0.0174	87	7421
Manganese	04/26/96	5.00	0.000	5.11	102	6010
Nickel	04/26/96	5.00	0.000	5.18	104	6010
Zinc	04/26/96	5.00	0.0180	4.99	99	6010
Calcium	04/30/96	5.00	82.0	91.0	180*	6010
Magnesium	04/30/96	5.00	16.6	22.5	118	6010
Potassium	04/30/96	25.0	3.60	27.3	95	6010
Sodium	04/30/96	5.00	11.4	16.9	110	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 1 out of 15 outside limits.

Conc Spk = Concentration of Spike in Sample.
%MS = Percent Recovery of MS.
Control limits for Post Digest Spike Samples are 75-125%.

TMA
Thermo Analytical

METALS DUPLICATES

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Scott Street, Key Well
Baldwin Park, CA

Report Date: 05/06/96
Lab P.N.: L3315
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Lab Sample ID: L3315-I
Client Sample ID: BP-GW-Z1000006-041996

Concentration Units: mg/l

Metal	Date Analyzed	Sample Result	Duplicate Result	RPD	Method
Barium	04/26/96	0.168	0.170	2	6010
Calcium	04/30/96	82.0	82.5	1	6010
Magnesium	04/30/96	16.6	17.0	2	6010
Potassium	04/30/96	3.60	3.44	4	6010
Sodium	04/30/96	11.4	11.9	4	6010

*Value outside control limits

Control limits equal 0-20% if sample and duplicate concentrations >/= 5x MDL.
If both sample and duplicate concentrations are < MDL, then no control limt exists.

0 out of 4 outside limits

Comments: _____

TMA
Thermo Analytical

METALS LABORATORY CONTROL SAMPLE

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Scott Street, Key Well
Baldwin Park, CA

Report Date: 05/06/96
Lab P.N.: L3315
Client P.N.: 2581-112-T4-SAMP

LCS Source: Inorganic Ventures W1-100 Lot #151, Inorganic Ventures W2-100 ot #W242, Inorganic Ventures CA Lot #J-CA02010, Inorganic Ventures K Lot #J-K01122, Inorganic Ventures Mg Lot #K-Mg02031, & Inorganic Ventures Na Lot #J-NA02013

Concentration: mg/l

Metal	Date	LCS True Conc.	Result	%RC	Method
Aluminum	04/26/96	2.00	1.80	90	6010
Arsenic	04/23/96	0.0400	0.0384	96	7060
Barium	04/26/96	2.00	1.86	93	6010
Cadmium	04/26/96	0.0500	0.0452	90	6010
Chromium	04/26/96	0.200	0.180	90	6010
Copper	04/26/96	0.250	0.236	94	6010
Iron	04/26/96	1.00	0.914	91	6010
Lead	04/23/96	0.0120	0.0127	106	7421
Manganese	04/26/96	0.500	0.459	92	6010
Mercury	04/23/96	0.00200	0.00185	93	7470
Nickel	04/26/96	0.500	0.473	95	6010
Zinc	04/26/96	0.500	0.440	88	6010
Calcium	04/30/96	10.0	9.50	95	6010
Magnesium	04/30/96	10.0	9.21	92	6010
Potassium	04/30/96	10.0	8.58	86	6010
Sodium	04/30/96	10.0	9.17	92	6010

Column used to flag recovery values with an asterisk.
* Value outside of QC limits.
Spike Recovery: 0 out of 16 outside limits.

Control Limits for Laboratory Control Check Sample are 80-120%.

TMA
Thermo Analytical

ICP SERIAL DILUTIONS

Lab: Thermo Analytical
Client: CDM, Inc.
Client Address: 18881 Von Karman, Suite 650
Irvine, CA 92715
Project Name: BPOU Quarterly Sampling
Project Address: Scott Street, Key Well
Baldwin Park, CA

Report Date: 05/06/96
Lab P.N.: L3315
Client P.N.: 2581-112-T4-SAMP

Matrix: Liquid
Concentration Unit: mg/l
Client Sample ID: BP-GW-Z1000006-041996
Lab Sample ID: L3315-1

Metal	Initial Sample Result	Serial Dilution Result	% DIFF	Method
Barium	0.168	0.160	5	6010
Calcium	82.0	87.7	7	6010
Magnesium	16.6	17.5	5	6010
Potassium	3.60	2.62	27	6010
Sodium	11.4	11.6	2	6010

%DIFF = % Difference
Series dilution (1:4 with blank water) must be performed for each batch of samples using one representative sample.
%DIFF = [(Sample Result - Series Dilution Result)/Sample Result] X 100

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1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	5/2/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3315
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	BPOU Quarterly Monitoring	Date Sampled:	4/19/96
Project Address:	Scott Street, Key Well	Date Received:	4/19/96
	Baldwin Park, CA	Date Analyzed:	4/19/96-4/25/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Alkalinity (EPA 310.1)	M	100	-	80-120	-	-
Chloride (EPA 300.0)	M	96	82	80-120	16	0-20
Nitrate-N (EPA 300.0)	M	84	88	80-120	4	0-20
Nitrite-N (EPA 300.0)	M	93	96	80-120	3	0-20
Sulfate (EPA 300.0)	M	95	95	80-120	0	0-20

*MS/MSD & RPD was not within acceptable QC limits due to possible matrix interferences; LCS was within acceptable limits.

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	5/2/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3315
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Monitoring	Date Sampled:	4/19/96
Project Address:	Scott Street, Key Well Baldwin Park, CA	Date Analyzed:	4/22/96
		Physical State:	Liquid

Client Sample ID	Alkalinity Bicarbonate EPA 310.1 mg/l	Alkalinity Carbonate EPA 310.1 mg/l	Total Dissolved Solids EPA 160.1 mg/l	Total Suspended Solids EPA 160.2 mg/l
BP-GW-Z1000006-041996	220	ND	390	ND
Quantitation Limits mg/l	1.0	1.0	12	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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Thermo Analytical

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	5/2/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3315
		Client P.N.:	2581-112-T4-SAMP
Project Name:	BPOU Quarterly Monitoring	Date Sampled:	4/19/96
Project Address:	Scott Street, Key Well Baldwin Park, CA	Date Analyzed:	4/19/96-4/25/96
		Physical State:	Liquid

Client Sample ID	Sulfate EPA 300. mg/l	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l	Chloride EPA 300.0 mg/l	Hardness EPA 130.2 mg/l
BP-GW-Z1000006-041996	33	ND	10	28	150
Quantitation Limits mg/l	1.0	0.25	0.25	1.3	1.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TMA
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REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: Thermo Analytical
1920 E. Deere Ave.
Santa Ana, CA 92705
Attention: Don Burley

DATE: 5/08/96

RECEIVED: 4/19/96

LABORATORY NO. 87645

SAMPLE: Water/1

INVESTIGATION: Analysis for Radon in water by Liquid Scintillation

RESULTS

Sample I.D.	Rn-222 pCi/L	Two Sigma Error
BP-GW-Z1000006-041996	274	+/- 13

Date Analyzed: 4/19/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke

Angela Burke, Project Manager
Water and Waste Laboratory

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

CHAIN-OF-CUSTODY RECORD

Client: Camp Dresser & McKee

Date: 4/19/96

Project Name: Quarterly Monitoring

Client Reference #: 2581-112-T4-SAMP

Project Address: Scott St, Baldwin Park

Key Well

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

Project Contact (please print): Suzanne Rowe / Barb Wells

Page 1 of 1

Lab Use Only
Lab Job # L3315
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☒ no

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	RADON	VOC's 8021	* Metals (Al, As, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Ni, Zn, Hg)	* Cations (Ca, Mg, K, Na)	TDS-TSS	Anions (Cl, SO_4) (NO_3, NO_2)	Alkalinity (CO_3, HCO_3)	Hardness	Number of Containers	Container/Comments	Lab Sample Number
BP-GW-Z1000006-041996	Key Well	4/19/96	14:45	L		X							3	40ml VOA's w/HCl	L3315-1
			↓	L			X	X	X	X	X	X	2	1-L Poly	
				L	X								1	125ml Amber	
Field Blank 1		4/19/96	12:10	L		X							2	40ml VOA's w/HCl	L3315-2

❶ Relinquished by (signature)*	❷ Received by (signature)	Date	Total Number of Containers
Shannon Dean Tunehill	[signature]	4/19/96	8
Company: Camp Dresser & McKee	Company: TTM	Time: 1:35 pm	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date	
Company	Laboratory Name	Time	

Special Instructions
*Filter at lab ASAP w/ 0.45µm filter, CLP Type Deliverables

*See Terms And Conditions (section 2) on reverse **before** signing

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave.
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000039

TMA
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Formerly Terra Tech Labs

CAMP DRESSER & McKEE, INC.
18881 VON KARMAN, STE 650
IRVINE CA 92715

JUL 1 1 1996

July 10, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3470

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water sample received on 06/14/96 was analyzed by Thermo Analytical for Volatile Organic Compounds (VOC's) by EPA Method 8021.

The EPA Method 8021 sample taken on 06/13/96 was analyzed 06/21/96 which is within the allowable method holding time. The sample and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The 06/20/96 beginning continuing calibration had one compound with a percent difference outside the acceptable QC limits. Carbon disulfide had a response factor less than the initial calibration response factor. The confirmation column Carbon disulfide continuing calibration response factor was within acceptable QC limits. Since the other continuing calibrations were within acceptable QC limits and Carbon disulfide was not detected in the sample, the results were reported as is.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley

Don Burley
Program Manager

Enclosure

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3470
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/13/96
Project Name:	BPOU - Quarterly Monitoring	Date Received:	06/14/96
Project Address:	Gladstone/Irwindale Staging Area Well	Date Analyzed:	06/21/96
	Geosyntec Well	Time Analyzed:	04:52
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-W11AZW1R-061396	Lab Sample ID:	L3470-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	3.1	
75-01-4	Vinyl chloride	0.91	
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	130	D
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	6.2	
156-59-4	cis-1,2-Dichloroethene	6.4	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.47	
71-55-6	1,1,1-Trichloroethane	19	
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.35	
79-01-6	Trichloroethene	52	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	20	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.66	
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 5 (analyzed 06/21/96).
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3470
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	06/13/96
Project Name:	BPOU - Quarterly Monitoring	Date Received:	06/14/96
Project Address:	Gladstone/Irwindale Staging Area Well Geosyntec Well	Date Analyzed:	06/21/96
		Time Analyzed:	04:52
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-W11AZW1R-061396	Lab Sample ID:	L3470-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.31	
106-46-7	1,4-Dichlorobenzene	14	
95-50-1	1,2-Dichlorobenzene	1.8	
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.49	
108-88-3	Toluene	0.14	
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.14	
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.43	
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.24	
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3470
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	NA
Project Name:	BPOU - Quarterly Monitoring	Date Received:	NA
Project Address:	Gladstone/Irwindale Staging Area Well Geosyntec Well	Date Analyzed:	06/21/96
		Time Analyzed:	00:45
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	06/21 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3470
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	BPOU - Quarterly Monitoring	Date Received:	NA
Project Address:	Gladstone/Irwindale Staging Area Well	Date Analyzed:	06/21/96
	Geosyntec Well	Time Analyzed:	00:45
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	06/21 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3470
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/21/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Gladstone/Irwindale Staging Area Well Geosyntec Well		
Matrix:	Liquid		
GC Column 1:	DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	106	106	102
CCV	104	92	106
Method Blank	101	106	104
L3470-1 DIL	87	99	92
L3470-1	89	91	96
LCS	97	96	104
MS	95	103	103
MSD	97	94	102
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3470
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/21/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Gladstone/Irwindale Staging Area Well Geosyntec Well		
Matrix:	Liquid		
Client Sample:	BP-GW-MW50309-061896	Lab Sample ID:	L3486-6

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC. #	QC LIMITS REC.
Benzene	10.0	0.25	9.98	97	74-121
Toluene	10.0	0.14	9.72	96	72-121
Ethylbenzene	10.0	0.0	9.76	98	72-117
o-Xylene	10.0	0.0	9.79	98	66-124
1,1-Dichloroethane	10.0	6.07	15.1	90	73-121
1,1,1-Trichloroethane	10.0	0.91	10.5	96	72-126
cis-1,3-Dichloropropene	10.0	0.0	9.16	92	58-124
Chlorobenzene	10.0	1.58	11.2	96	52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzene	10.0	9.83	96	1	0-10	74-121
Toluene	10.0	9.52	94	2	0-16	72-121
Ethylbenzene	10.0	9.50	95	3	0-14	72-117
o-Xylene	10.0	9.77	98	0	0-14	66-124
1,1-Dichloroethane	10.0	15.3	92	2	0-18	73-121
1,1,1-Trichloroethane	10.0	10.2	93	3	0-15	72-126
cis-1,3-Dichloropropene	10.0	9.07	91	1	0-22	58-124
Chlorobenzene	10.0	11.0	94	2	0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3470
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/21/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Gladstone/Irwindale Staging Area Well Geosyntec Well		
Matrix:	Liquid		
LCS Source:	Ultra Scientific		
Lab Sample ID:	LCS		

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	10.0	10.2	102	75-125
Toluene	10.0	9.97	100	75-125
Ethylbenzene	10.0	10.1	101	75-125
o-Xylene	10.0	10.2	102	75-125
1,1-Dichloroethane	10.0	9.50	95	75-125
1,1,1-Trichloroethane	10.0	9.63	96	75-125
cis-1,3-Dichloropropene	10.0	9.69	97	75-125
Chlorobenzene	10.0	10.2	102	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/10/96
		Lab P.N.:	L3470
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/20/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	37722	8	40150	6
Chloromethane	52050	4	50485	3
Vinyl chloride	59052	7	60541	3
Bromomethane	35078	5	34065	3
Chloroethane	63185	7	62935	0
Trichlorofluoromethane	91240	5	91037	0
1,1-Dichloroethene	91191	4	91825	1
Methylene chloride	115237	9	109568	5
trans-1,2-Dichloroethene	97236	3	100767	4
1,1-Dichloroethane	97861	4	98849	1
cis-1,2-Dichloroethene	101237	4	106302	5
2,2-Dichloropropane	88460	3	84778	4
Bromochloromethane	70732	3	71139	1
Chloroform	128303	3	128515	0
1,1,1-Trichloroethane	115648	2	122409	6
Carbon tetrachloride	128227	4	138717	8
1,1-Dichloropropene	44523	6	46686	5
1,2-Dichloroethane	94459	2	95937	2
Trichloroethene	121853	6	123079	1
1,2-Dichloropropane	88599	4	91815	4
Dibromomethane	44506	7	47156	6
Bromodichloromethane	93143	8	100741	8
2-Chloroethyl vinyl ether	44523	6	46686	5
cis-1,3-Dichloropropene	78985	4	82230	4
trans-1,3-Dichloropropene	73566	3	75177	2
1,1,2-Trichloroethane	95914	5	100656	5
Tetrachloroethene	114229	6	114692	0
1,3-Dichloropropane	76826	5	78841	3
Dibromochloromethane	59339	8	60920	3
1,2-Dibromoethane	37616	8	40084	7
Chlorobenzene	49785	4	49846	0
1,1,1,2-Tetrachloroethane	107720	5	104855	3
Bromoform	39709	12	41253	4
1,1,2,2-Tetrachloroethane	64513	9	65466	1
1,2,3-Trichloropropane	56707	7	59834	6
2-Chlorotoluene	38319	4	37691	2
4-Chlorotoluene	39800	5	39102	2
1,3-Dichlorobenzene	62270	4	60180	3
1,4-Dichlorobenzene	68877	4	68602	0
1,2-Dichlorobenzene	64068	5	63918	0

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/10/96
		Lab P.N.:	L3470
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/20/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	17536	14	20079	15
1,2,4-Trichlorobenzene	72825	4	70538	3
Hexachlorobutadiene	104086	5	99578	4
1,2,3-Trichlorobenzene	74668	4	74660	0
Benzene	15675	3	14903	5
Toluene	14580	2	13688	6
Ethylbenzene	13121	3	12399	6
p,m-Xylenes	15164	3	14399	5
o-Xylene	12876	4	12322	4
Styrene	16832	2	16012	5
Isopropylbenzene	9826	2	9300	5
Bromobenzene	28137	6	27344	3
Propylbenzene	12666	1	11990	5
1,3,5-Trimethylbenzene	18075	2	16911	6
tert-Butylbenzene	10603	5	9749	8
1,2,4-Trimethylbenzene	13708	2	12778	7
sec-Butylbenzene	10858	3	10024	8
4-Isopropyltoluene	10377	2	9748	6
n-Butylbenzene	11498	2	10707	7
Naphthalene	12006	4	11668	3
Carbon disulfide	2003	10	1683	16*
MTBE	7990	3	7372	8

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/10/96
		Lab P.N.:	L3470
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	37722	8	41078	9
Chloromethane	52050	4	49169	6
Vinyl chloride	59052	7	64333	9
Bromomethane	35078	5	35127	0
Chloroethane	63185	7	63037	0
Trichlorofluoromethane	91240	5	94526	4
1,1-Dichloroethene	91191	4	91811	1
Methylene chloride	115237	9	108533	6
trans-1,2-Dichloroethene	97236	3	97455	0
1,1-Dichloroethane	97861	4	97891	0
cis-1,2-Dichloroethene	101237	4	102226	1
2,2-Dichloropropane	88460	3	88612	0
Bromochloromethane	70732	3	69565	2
Chloroform	128303	3	124750	3
1,1,1-Trichloroethane	115648	2	117399	2
Carbon tetrachloride	128227	4	128718	0
1,1-Dichloropropene	44523	6	45503	2
1,2-Dichloroethane	94459	2	92043	3
Trichloroethene	121853	6	119813	2
1,2-Dichloropropane	88599	4	87632	1
Dibromomethane	44506	7	45770	3
Bromodichloromethane	93143	8	95804	3
2-Chloroethyl vinyl ether	44523	6	45503	2
cis-1,3-Dichloropropene	78985	4	80346	2
trans-1,3-Dichloropropene	73566	3	73818	0
1,1,2-Trichloroethane	95914	5	97785	2
Tetrachloroethene	114229	6	115449	1
1,3-Dichloropropane	76826	5	77760	1
Dibromochloromethane	59339	8	61033	3
1,2-Dibromoethane	37616	8	39067	4
Chlorobenzene	49785	4	49366	1
1,1,1,2-Tetrachloroethane	107720	5	105837	2
Bromoform	39709	12	41485	4
1,1,2,2-Tetrachloroethane	64513	9	71818	11
1,2,3-Trichloropropane	56707	7	59730	5
2-Chlorotoluene	38319	4	37786	1
4-Chlorotoluene	39800	5	40496	2
1,3-Dichlorobenzene	62270	4	61536	1
1,4-Dichlorobenzene	68877	4	67457	2
1,2-Dichlorobenzene	64068	5	62451	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/10/96
		Lab P.N.:	L3470
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	17536	14	18030	3
1,2,4-Trichlorobenzene	72825	4	70287	3
Hexachlorobutadiene	104086	5	100073	4
1,2,3-Trichlorobenzene	74668	4	72873	2
Benzene	15675	3	15991	2
Toluene	14580	2	14603	0
Ethylbenzene	13121	3	13405	2
p,m-Xylenes	15164	3	15547	3
o-Xylene	12876	4	13338	4
Styrene	16832	2	17053	1
Isopropylbenzene	9826	2	10059	2
Bromobenzene	28137	6	28800	2
Propylbenzene	12666	1	12916	2
1,3,5-Trimethylbenzene	18075	2	18202	1
tert-Butylbenzene	10603	5	10417	2
1,2,4-Trimethylbenzene	13708	2	13730	0
sec-Butylbenzene	10858	3	10905	0
4-Isopropyltoluene	10377	2	10529	1
n-Butylbenzene	11498	2	11587	1
Naphthalene	12006	4	12462	4
Carbon disulfide	2003	10	1738	13
MTBE	7990	3	7297	9

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

CHAIN-OF-CUSTODY RECORD

3292

Client CDM

Date June 13/96

Project Name / # Baldwin Park Operable Unit

Project Address Gladstone/Irwindale Staging Area Well

P.O.# 2581-112-T4-BAMP

Geosyntec Well

Quote #

Project Contact (please print) Suzanne Rowe/Barbara Wells

State where samples were collected:

Page 1 of 1

Lab Use Only
Lab Job # L3470
C.O # ____
C.O. # ____
C.O. # ____
C.O. # ____
Sample Condition Upon Receipt:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Analysis Requested
All analyses and deliverables must be identified

Sample Identification	Date Collected	Time Collected	Grab	Comp.	Lab Sample Number	Physical State: Solid (S), Liquid (L), Vapor (V)	Preservation: Iced (I), Filtered (F), Preservative (P)	8021							Total Number of Containers	Remarks	Temp of Sample Upon Receipt (if requested)
BP-GW-WIAZWIR-061396	6/13/96	12:10	X			L	IP	X							3	40-ml VOAs	L3470-1

Total Number of Containers

Method of Shipment

Turnaround Time Requested (TAT) (please circle): Normal Rush
(Rush TAT is subject to TMA approval and surcharge)

Date Results are Needed: ____

Rush Results requested by (please circle): Phone Fax

Phone #: ____

Fax #: ____

Data Package Options
(please circle if requested)

QC Summary
Type I, Type II, Type III, Type IV, Type V, Type VI, Type VII, Other

Site Specific QC Required?: YES NO
(if yes, indicate QC sample and submit triplicate volume)

SDG Complete?: YES NO

❶ Relinquished by (signature)*	❷ Received by (signature)	Date
Company: CDM	Company	Time
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date: 6/14/96
Company	Laboratory Name: TMA	Time: 0713

Special Instructions
CLP DATA PACKAGE

*See Terms And Conditions on reverse **before** signing

☐ 300 Second Avenue, Waltham, MA 02254
(617) 890-7200, Fax (617) 890-3883

☐ 603 South Main Street, New Ellenton, SC 29809
(803) 652-3324, Fax (803) 652-7995

☐ 1920 E. Deere Avenue, Santa Ana, CA 92705
(714) 757-7022, Fax (714) 757-7274

☐ 387 Airport Industrial Drive, Ypsilanti, MI 48198
(313) 480-2500, Fax (313) 480-2295

TMA
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Santa Ana, CA 92705
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Formerly Terra Tech Labs

CAMP DRESSER & McKEE, INC.
18881 VON KARMAN, STE 650
IRVINE, CA 92715

JUL 1 1 1996

July 11, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3480

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 06/18/96 were analyzed by Thermo Analytical for Volatile Organic Compounds (VOC's) by EPA Method 8021.

The EPA Method 8021 samples taken on 06/17/96 were analyzed 06/20/96-06/21/96 which is within the allowable method holding time. The samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The 06/20/96 beginning continuing calibration had one compound with a percent difference outside the acceptable QC limits. Carbon disulfide had a response factor less than the initial calibration response factor. The confirmation column Carbon disulfide continuing calibration response factor was within acceptable QC limits. Since the other continuing calibrations were within acceptable QC limits and Carbon disulfide was not detected in the sample, the results were reported as is.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley
Program Manager

Enclosure

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3480
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/17/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/18/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	01:26
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50301-061796	Lab Sample ID:	L3480-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.88	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	2.2	
156-59-4	cis-1,2-Dichloroethene	1.6	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.37	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	2.9	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	4.6	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 5 (analyzed 06/21/96).
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3480
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/17/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/18/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	01:26
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50301-061796	Lab Sample ID:	L3480-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.33	
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	
100-42-5	Styrene	0.74	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.19	

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3480
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/17/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/18/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	02:07
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50302-061796	Lab Sample ID:	L3480-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	1.9	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	2.4	
156-59-4	cis-1,2-Dichloroethene	2.5	
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	2.0	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	5.5	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	7.3	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 5 (analyzed 06/21/96).
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3480
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/17/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/18/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	02:07
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50302-061796	Lab Sample ID:	L3480-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.19	
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	1.0	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3480
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/17/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/18/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	02:49
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50303-061796	Lab Sample ID:	L3480-3

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	1.9	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.38	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.72	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 5 (analyzed 06/21/96).
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3480
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/17/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/18/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	02:49
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50303-061796	Lab Sample ID:	L3480-3

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.21	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3480
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/17/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/18/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	03:30
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50303N-061796	Lab Sample ID:	L3480-4

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 5 (analyzed 06/21/96).
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3480
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/17/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/18/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	03:30
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50303N-061796	Lab Sample ID:	L3480-4

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3470
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	Baldwin Park Operable Unit	Date Received:	NA
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	00:45
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	06/21 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.38	U
590-20-7	2,2-Dichloropropane	0.38	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.46	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.44	U
110-75-8	2-Chloroethyl vinyl ether	0.46	U
10061-01-5	cis-1.3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.47	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.59	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3470
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	NA
Project Name:	Baldwin Park Operable Unit	Date Received:	NA
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	00:45
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	06/21 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3480
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/20/96-06/21/96
Project Name:	Baldwin Park Operable Unit		
Project Address:	MW5-03 Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	106	106	102
CCV	104	92	106
Method Blank	101	106	104
L3480-1	104	105	106
L3480-2	106	105	106
L3480-3	88	97	86
L3480-4	106	109	102
LCS	97	96	104
MS	95	103	103
MSD	97	94	102
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3480
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/21/96
Project Name:	BPOU - Quarterly Sampling		
Project Address:	Gladstone/Irwindale Staging Area Well Geosyntec Well		
Matrix:	Liquid		
Client Sample:	BP-GW-MW50309-061896	Lab Sample ID:	L3486-6

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	10.0	0.25	9.98	97		74-121
Toluene	10.0	0.14	9.72	96		72-121
Ethylbenzene	10.0	0.0	9.76	98		72-117
o-Xylene	10.0	0.0	9.79	98		66-124
1,1-Dichloroethane	10.0	6.07	15.1	90		73-121
1,1,1-Trichloroethane	10.0	0.91	10.5	96		72-126
cis-1,3-Dichloropropene	10.0	0.0	9.16	92		58-124
Chlorobenzene	10.0	1.58	11.2	96		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	10.0	9.83	96		1		0-10	74-121
Toluene	10.0	9.52	94		2		0-16	72-121
Ethylbenzene	10.0	9.50	95		3		0-14	72-117
o-Xylene	10.0	9.77	98		0		0-14	66-124
1,1-Dichloroethane	10.0	15.3	92		2		0-18	73-121
1,1,1-Trichloroethane	10.0	10.2	93		3		0-15	72-126
cis-1,3-Dichloropropene	10.0	9.07	91		1		0-22	58-124
Chlorobenzene	10.0	11.0	94		2		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	07/10/96
Client:	CDM, Inc.	Lab P.N.:	L3480
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/21/96
Project Name:	Baldwin Park Operable Unit		
Project Address:	MW5-03 Irwindale, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	10.0	10.2	102	75-125
Toluene	10.0	9.97	100	75-125
Ethylbenzene	10.0	10.1	101	75-125
o-Xylene	10.0	10.2	102	75-125
1,1-Dichloroethane	10.0	9.50	95	75-125
1,1,1-Trichloroethane	10.0	9.63	96	75-125
cis-1,3-Dichloropropene	10.0	9.69	97	75-125
Chlorobenzene	10.0	10.2	102	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/10/96
		Lab P.N.:	L3480
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/20/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	37722	8	40150	6
Chloromethane	52050	4	50485	3
Vinyl chloride	59052	7	60541	3
Bromomethane	35078	5	34065	3
Chloroethane	63185	7	62935	0
Trichlorofluoromethane	91240	5	91037	0
1,1-Dichloroethene	91191	4	91825	1
Methylene chloride	115237	9	109568	5
trans-1,2-Dichloroethene	97236	3	100767	4
1,1-Dichloroethane	97861	4	98849	1
cis-1,2-Dichloroethene	101237	4	106302	5
2,2-Dichloropropane	88460	3	84778	4
Bromochloromethane	70732	3	71139	1
Chloroform	128303	3	128515	0
1,1,1-Trichloroethane	115648	2	122409	6
Carbon tetrachloride	128227	4	138717	8
1,1-Dichloropropene	44523	6	46686	5
1,2-Dichloroethane	94459	2	95937	2
Trichloroethene	121853	6	123079	1
1,2-Dichloropropane	88599	4	91815	4
Dibromomethane	44506	7	47156	6
Bromodichloromethane	93143	8	100741	8
2-Chloroethyl vinyl ether	44523	6	46686	5
cis-1,3-Dichloropropene	78985	4	82230	4
trans-1,3-Dichloropropene	73566	3	75177	2
1,1,2-Trichloroethane	95914	5	100656	5
Tetrachloroethene	114229	6	114692	0
1,3-Dichloropropane	76826	5	78841	3
Dibromochloromethane	59339	8	60920	3
1,2-Dibromoethane	37616	8	40084	7
Chlorobenzene	49785	4	49846	0
1,1,1,2-Tetrachloroethane	107720	5	104855	3
Bromoform	39709	12	41253	4
1,1,2,2-Tetrachloroethane	64513	9	65466	1
1,2,3-Trichloropropane	56707	7	59834	6
2-Chlorotoluene	38319	4	37691	2
4-Chlorotoluene	39800	5	39102	2
1,3-Dichlorobenzene	62270	4	60180	3
1,4-Dichlorobenzene	68877	4	68602	0
1,2-Dichlorobenzene	64068	5	63918	0

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/10/96
		Lab P.N.:	L3480
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/20/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	17536	14	20079	15
1,2,4-Trichlorobenzene	72825	4	70538	3
Hexachlorobutadiene	104086	5	99578	4
1,2,3-Trichlorobenzene	74668	4	74660	0
Benzene	15675	3	14903	5
Toluene	14580	2	13688	6
Ethylbenzene	13121	3	12399	6
p,m-Xylenes	15164	3	14399	5
o-Xylene	12876	4	12322	4
Styrene	16832	2	16012	5
Isopropylbenzene	9826	2	9300	5
Bromobenzene	28137	6	27344	3
Propylbenzene	12666	1	11990	5
1,3,5-Trimethylbenzene	18075	2	16911	6
tert-Butylbenzene	10603	5	9749	8
1,2,4-Trimethylbenzene	13708	2	12778	7
sec-Butylbenzene	10858	3	10024	8
4-Isopropyltoluene	10377	2	9748	6
n-Butylbenzene	11498	2	10707	7
Naphthalene	12006	4	11668	3
Carbon disulfide	2003	10	1683	16*
MTBE	7990	3	7372	8

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/10/96
		Lab P.N.:	L3480
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	37722	8	41078	9
Chloromethane	52050	4	49169	6
Vinyl chloride	59052	7	64333	9
Bromomethane	35078	5	35127	0
Chloroethane	63185	7	63037	0
Trichlorofluoromethane	91240	5	94526	4
1,1-Dichloroethene	91191	4	91811	1
Methylene chloride	115237	9	108533	6
trans-1,2-Dichloroethene	97236	3	97455	0
1,1-Dichloroethane	97861	4	97891	0
cis-1,2-Dichloroethene	101237	4	102226	1
2,2-Dichloropropane	88460	3	88612	0
Bromochloromethane	70732	3	69565	2
Chloroform	128303	3	124750	3
1,1,1-Trichloroethane	115648	2	117399	2
Carbon tetrachloride	128227	4	128718	0
1,1-Dichloropropene	44523	6	45503	2
1,2-Dichloroethane	94459	2	92043	3
Trichloroethene	121853	6	119813	2
1,2-Dichloropropane	88599	4	87632	1
Dibromomethane	44506	7	45770	3
Bromodichloromethane	93143	8	95804	3
2-Chloroethyl vinyl ether	44523	6	45503	2
cis-1,3-Dichloropropene	78985	4	80346	2
trans-1,3-Dichloropropene	73566	3	73818	0
1,1,2-Trichloroethane	95914	5	97785	2
Tetrachloroethene	114229	6	115449	1
1,3-Dichloropropane	76826	5	77760	1
Dibromochloromethane	59339	8	61033	3
1,2-Dibromoethane	37616	8	39067	4
Chlorobenzene	49785	4	49366	1
1,1,1,2-Tetrachloroethane	107720	5	105837	2
Bromoform	39709	12	41485	4
1,1,2,2-Tetrachloroethane	64513	9	71818	11
1,2,3-Trichloropropane	56707	7	59730	5
2-Chlorotoluene	38319	4	37786	1
4-Chlorotoluene	39800	5	40496	2
1,3-Dichlorobenzene	62270	4	61536	1
1,4-Dichlorobenzene	68877	4	67457	2
1,2-Dichlorobenzene	64068	5	62451	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/10/96
		Lab P.N.:	L3480
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	17536	14	18030	3
1,2,4-Trichlorobenzene	72825	4	70287	3
Hexachlorobutadiene	104086	5	100073	4
1,2,3-Trichlorobenzene	74668	4	72873	2
Benzene	15675	3	15991	2
Toluene	14580	2	14603	0
Ethylbenzene	13121	3	13405	2
p,m-Xylenes	15164	3	15547	3
o-Xylene	12876	4	13338	4
Styrene	16832	2	17053	1
Isopropylbenzene	9826	2	10059	2
Bromobenzene	28137	6	28800	2
Propylbenzene	12666	1	12916	2
1,3,5-Trimethylbenzene	18075	2	18202	1
tert-Butylbenzene	10603	5	10417	2
1,2,4-Trimethylbenzene	13708	2	13730	0
sec-Butylbenzene	10858	3	10905	0
4-Isopropyltoluene	10377	2	10529	1
n-Butylbenzene	11498	2	11587	1
Naphthalene	12006	4	12462	4
Carbon disulfide	2003	10	1738	13
MTBE	7990	3	7297	9

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

CHAIN-OF-CUSTODY RECORD

3230

Client CDM

Date 6-18-96

Page 1 of 1

Project Name / # Baldwin Park Operable Unit 2581-112-T4-SAMP

Project Address MW5-03

Irwindale CA

P.O.#

Quote #

Project Contact (please print) Suzanne Rowe / B. Wells

State where samples were collected:

Lab Use Only
Lab Job # L3480
C.O. #
C.O. #
C.O. #
C.O. #
Sample Condition Upon Receipt:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Analysis Requested All analyses and deliverables must be identified

Sample Identification	Date Collected	Time Collected	Grab	Comp.	Lab Sample Number	Physical State: Solid (S), Liquid (L), Vapor (V)	Preservation: Iced (I), Filtered (F), Preservative (P)	EPA 8021 - VOCs							Total Number of Containers	Remarks	Temp of Sample Upon Receipt (if requested)
BP-GW-MW50301-061796	6/17/96	1130	X		L3480-1	L	I,P	X							3	40 ml VOAs w/HCl	
BP-GW-MW50302-061796	6/17/96	1400	X		-2	L	I,P	X							3	↓	
BP-GW-MW50303-061796	6/17/96	1620	X		-3	L	I,P	X							3		
BP-GW-MW50303N-061796	6/17/96	1715	X		-4	L	I,P	X							3		

Turnaround Time Requested (TAT) (please circle): Normal Rush
(Rush TAT is subject to TMA approval and surcharge)

Date Results are Needed:

Rush Results requested by (please circle): Phone Fax

Phone #:

Fax #:

Data Package Options (please circle if requested)

QC Summary CLP-like

Type I Type V
Type II Type VI
Type III Type VII
Type IV Other

Site Specific QC Required?: YES NO
(if yes, indicate QC sample and submit triplicate volume)

SDG Complete?: YES NO

12 Total Number of Containers

Method of Shipment

❶ Relinquished by (signature)*	❷ Received by (signature)	Date
Barbara Fweek		
Company CDM	Company	Time
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date 6/18/96
	Ron Bailey	
Company	Laboratory Name TMA	Time 0615

Special Instructions

*See Terms And Conditions on reverse **before** signing

☐ 300 Second Avenue, Waltham, MA 02254
(617) 890-7200, Fax (617) 890-3883

☐ 603 South Main Street, New Ellenton, SC 29809
(803) 652-3324, Fax (803) 652-7995

☒ 1920 E. Deere Avenue, Santa Ana, CA 92705
(714) 757-7022, Fax (714) 757-7274

☐ 387 Airport Industrial Drive, Ypsilanti, MI 48198
(313) 480-2500, Fax (313) 480-2295

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23 1920 E. Deere Avenue
Santa Ana, CA 92705
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Formerly Terra Tech Labs

CAMP DRESSER & McKEE, INC.
18881 VON KARMAN, STE 650
IRVINE, CA 92715

JUL 2 2 1996

July 19, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3486

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 06/19/96 were analyzed by Thermo Analytical for Volatile Organic Compounds (VOC's) by EPA Method 8021.

The EPA Method 8021 samples taken on 06/18/96 were analyzed 06/21/96-06/24/96 which is within the allowable method holding time. The samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

Please note that there is no data associated with pages 29-33; these pages were left blank intentionally.

The 06/20/96 beginning continuing calibration had one compound with a percent difference outside the acceptable QC limits. Carbon disulfide had a response factor less than the initial calibration response factor. The confirmation column Carbon disulfide continuing calibration response factor was within acceptable QC limits. Since the other continuing calibrations were within acceptable QC limits and Carbon disulfide was not detected in the sample, the results were reported as is.

The 06/21/96 ending continuing calibration had two compounds with percent differences outside the acceptable QC limits. Chloromethane and 1,1,2,2-Tetrachloroethane had response factors less than the initial calibration response factors. Subsequently, an additional continuing calibration was analyzed with acceptable Chloromethane and 1,1,2,2-Tetrachloroethane percent differences. Since the compounds were not detected in any of the samples, the results were reported as is. The 06/25/96 continuing calibrations had three compounds with percent differences outside the acceptable QC limits. However, these compounds were not of interest during the dilution analyses.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley
Program Manager

Enclosure

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	05:33
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50304-061896	Lab Sample ID:	L3486-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	3.4	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	2.6	
156-59-4	cis-1,2-Dichloroethene	2.9	
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	1.1	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	7.7	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	9.7	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	05:33
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50304-061896	Lab Sample ID:	L3486-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.21	
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.77	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	06:14
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50305-061896	Lab Sample ID:	L3486-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	1.3	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.27	
156-59-4	cis-1,2-Dichloroethene	0.87	
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.62	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	30	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	19	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	06:14
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50305-061896	Lab Sample ID:	L3486-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.53	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.40	

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	06:56
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50306-061896	Lab Sample ID:	L3486-3

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	10	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.59	
156-59-4	cis-1,2-Dichloroethene	28	
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	6.4	
71-55-6	1,1,1-Trichloroethane	1.6	
56-23-5	Carbon tetrachloride	3.3	
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	1.8	
79-01-6	Trichloroethene	1000	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	860	D
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 50 (analyzed 06/24/96).
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	06:56
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50306-061896	Lab Sample ID:	L3486-3

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.21	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	14:34
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50307-061896	Lab Sample ID:	L3486-4

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	18	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.86	
156-59-4	cis-1,2-Dichloroethene	27	
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	18	
71-55-6	1,1,1-Trichloroethane	2.6	
56-23-5	Carbon tetrachloride	5.2	
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	4.8	
79-01-6	Trichloroethene	990	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	790	D
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.58	
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 50 (analyzed 06/24/96).
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	14:34
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50307-061896	Lab Sample ID:	L3486-4

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.14	
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.26	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	15:15
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50308-061896	Lab Sample ID:	L3486-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	180	D
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.26	
75-34-3	1,1-Dichloroethane	5.0	
156-59-4	cis-1,2-Dichloroethene	11	
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	8.7	
71-55-6	1,1,1-Trichloroethane	20	
56-23-5	Carbon tetrachloride	1.6	
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	2.2	
79-01-6	Trichloroethene	260	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	130	D
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 20 (analyzed 06/24/96).
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	15:15
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50308-061896	Lab Sample ID:	L3486-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.20	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/24/96
	Irwindale, CA	Time Analyzed:	18:17
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50309-061896	Lab Sample ID:	L3486-6

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	1.2	
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.89	
75-35-4	1,1-Dichloroethene	19	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	6.1	
156-59-4	cis-1,2-Dichloroethene	11	
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.51	
71-55-6	1,1,1-Trichloroethane	0.91	
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.33	
79-01-6	Trichloroethene	19	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	12	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	1.6	
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/24/96
	Irwindale, CA	Time Analyzed:	18:17
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50309-061896	Lab Sample ID:	L3486-6

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.30	
106-46-7	1,4-Dichlorobenzene	16	
95-50-1	1,2-Dichlorobenzene	2.1	
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.25	
108-88-3	Toluene	0.14	
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.71	
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.16	
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	15:56
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50310-061896	Lab Sample ID:	L3486-7

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.45	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.27	
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.47	
75-69-4	Trichlorofluoromethane	0.32	
75-35-4	1,1-Dichloroethene	43	D
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.35	
75-34-3	1,1-Dichloroethane	17	
156-59-4	cis-1,2-Dichloroethene	38	D
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	1.8	
71-55-6	1,1,1-Trichloroethane	1.0	
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.46	U
107-06-2	1,2-Dichloroethane	0.43	
79-01-6	Trichloroethene	40	D
78-87-5	1,2-Dichloropropane	0.32	
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	15	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 5 (analyzed 06/24/96).
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	15:56
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50310-061896	Lab Sample ID:	L3486-7

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p.m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	16:37
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50310K-061896	Lab Sample ID:	L3486-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.55	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.24	
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	33	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.30	
75-34-3	1,1-Dichloroethane	16	
156-59-4	cis-1,2-Dichloroethene	35	D
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	1.7	
71-55-6	1,1,1-Trichloroethane	0.87	
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.42	
79-01-6	Trichloroethene	35	D
78-87-5	1,2-Dichloropropane	0.29	
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	13	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 5 (analyzed 06/24/96).
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	16:37
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50310K-061896	Lab Sample ID:	L3486-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	17:17
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50310N-061896	Lab Sample ID:	L3486-9

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.17	U
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/18/96
Project Name:	Baldwin Park OU	Date Received:	06/19/96
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	17:17
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50310N-061896	Lab Sample ID:	L3486-9

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	N/A
Project Name:	Baldwin Park OU	Date Received:	N/A
Project Address:	MW5-03	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	00:45
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	06/21 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.17	U
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Sampled:	N/A
Project Name:	Baldwin Park OU	Date Received:	N/A
Project Address:	MW5-03 Irwindale, CA	Date Analyzed:	06/21/96
		Time Analyzed:	00:45
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	06/21 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	N/A
Project Name:	Baldwin Park OU	Date Received:	N/A
Project Address:	MW5-03	Date Analyzed:	06/24/96
	Irwindale, CA	Time Analyzed:	15:34
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	06/24 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.17	U
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	N/A
Project Name:	Baldwin Park OU	Date Received:	N/A
Project Address:	MW5-03	Date Analyzed:	06/24/96
	Irwindale, CA	Time Analyzed:	15:34
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	06/24 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/21/96
Project Name:	Baldwin Park OU		
Project Address:	MW5-03 Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	106	106	102
CCV	104	92	106
CCV	92	101	99
Method Blank	101	106	104
L3486-1	99	104	102
L3486-2	80	105	85
L3486-3	110	113	107
L3486-4	102	97	105
L3486-5	99	95	104
L3486-7	102	101	107
L3486-8	103	99	106
L3486-9	99	89	107
LCS	97	96	104
MS	95	103	103
MSD	97	94	102
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/24/96
Project Name:	Baldwin Park OU		
Project Address:	MW5-03 Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	100	97	101
CCV	109	113	104
CCV	106	108	98
Method Blank	105	103	105
L3486-3 DIL	105	100	105
L3486-4 DIL	103	99	103
L3486-5 DIL	101	99	104
L3486-6	103	107	107
L3486-7 DIL	99	103	96
L3486-8 DIL	98	104	94
LCS	95	91	99
MS	96	95	99
MSD	97	93	94
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/21/96
Project Name:	Baldwin Park OU		
Project Address:	MW5-03 Irwindale, CA		
Matrix:	Liquid		
Client Sample:	BP-GW-MW50309-061896	Lab Sample ID:	L3486-6

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC. #	QC LIMITS REC.
Benzene	10.0	0.25	9.98	97	74-121
Toluene	10.0	0.14	9.72	96	72-121
Ethylbenzene	10.0	0.0	9.76	98	72-117
o-Xylene	10.0	0.0	9.79	98	66-124
1,1-Dichloroethane	10.0	6.07	15.1	90	73-121
1,1,1-Trichloroethane	10.0	0.91	10.5	96	72-126
cis-1,3-Dichloropropene	10.0	0.0	9.16	92	58-124
Chlorobenzene	10.0	1.58	11.2	96	52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzene	10.0	9.83	96	1	0-10	74-121
Toluene	10.0	9.52	94	2	0-16	72-121
Ethylbenzene	10.0	9.50	95	3	0-14	72-117
o-Xylene	10.0	9.77	98	0	0-14	66-124
1,1-Dichloroethane	10.0	15.3	92	2	0-18	73-121
1,1,1-Trichloroethane	10.0	10.2	93	3	0-15	72-126
cis-1,3-Dichloropropene	10.0	9.07	91	1	0-22	58-124
Chlorobenzene	10.0	11.0	94	2	0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/25/96
Project Name:	Baldwin Park OU		
Project Address:	MW5-03 Irwindale, CA		
Matrix:	Liquid		
Client Sample:	BP-GW-MW50113-062096	Lab Sample ID:	L3496-11

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	10.0	0	9.96	100		74-121
Toluene	10.0	0	9.99	100		72-121
Ethylbenzene	10.0	0.35	10.2	99		72-117
o-Xylene	10.0	0	10.2	102		66-124
1,1-Dichloroethane	10.0	0.84	11.2	104		73-121
1,1,1-Trichloroethane	10.0	0	10.6	106		72-126
cis-1,3-Dichloropropene	10.0	0	10.4	104		58-124
Chlorobenzene	10.0	0	10.1	101		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	10.0	9.87	99		1		0-10	74-121
Toluene	10.0	9.64	96		4		0-16	72-121
Ethylbenzene	10.0	9.87	95		4		0-14	72-117
o-Xylene	10.0	9.81	98		4		0-14	66-124
1,1-Dichloroethane	10.0	10.8	100		4		0-18	73-121
1,1,1-Trichloroethane	10.0	9.67	97		9		0-15	72-126
cis-1,3-Dichloropropene	10.0	9.39	94		10		0-22	58-124
Chlorobenzene	10.0	9.60	96		5		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/21/96
Project Name:	Baldwin Park OU		
Project Address:	MW5-03 Irwindale, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	10.0	10.2	102	75-125
Toluene	10.0	9.97	100	75-125
Ethylbenzene	10.0	10.1	101	75-125
o-Xylene	10.0	10.2	102	75-125
1,1-Dichloroethane	10.0	9.50	95	75-125
1,1,1-Trichloroethane	10.0	9.63	96	75-125
cis-1,3-Dichloropropene	10.0	9.69	97	75-125
Chlorobenzene	10.0	10.2	102	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	07/11/96
Client:	CDM, Inc.	Lab P.N.:	L3486
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/25/96
Project Name:	Baldwin Park OU		
Project Address:	MW5-03 Irwindale, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC.	#	QC LIMITS REC.
Benzene	10.0	9.88	99		75-125
Toluene	10.0	9.82	98		75-125
Ethylbenzene	10.0	9.93	99		75-125
o-Xylene	10.0	10.1	101		75-125
1,1-Dichloroethane	10.0	9.63	96		75-125
1,1,1-Trichloroethane	10.0	9.54	95		75-125
cis-1,3-Dichloropropene	10.0	9.90	99		75-125
Chlorobenzene	10.0	9.14	91		75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

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TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/11/96
		Lab P.N.:	L3486
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/20/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	37722	8	40150	6
Chloromethane	52050	4	50485	3
Vinyl chloride	59052	7	60541	3
Bromomethane	35078	5	34065	3
Chloroethane	63185	7	62935	0
Trichlorofluoromethane	91240	5	91037	0
1,1-Dichloroethene	91191	4	91825	1
Methylene chloride	115237	9	109568	5
trans-1,2-Dichloroethene	97236	3	100767	4
1,1-Dichloroethane	97861	4	98849	1
cis-1,2-Dichloroethene	101237	4	106302	5
2,2-Dichloropropane	88460	3	84778	4
Bromochloromethane	70732	3	71139	1
Chloroform	128303	3	128515	0
1,1,1-Trichloroethane	115648	2	122409	6
Carbon tetrachloride	128227	4	138717	8
1,1-Dichloropropene	44523	6	46686	5
1,2-Dichloroethane	94459	2	95937	2
Trichloroethene	121853	6	123079	1
1,2-Dichloropropane	88599	4	91815	4
Dibromomethane	44506	7	47156	6
Bromodichloromethane	93143	8	100741	8
2-Chloroethyl vinyl ether	44523	6	46686	5
cis-1,3-Dichloropropene	78985	4	82230	4
trans-1,3-Dichloropropene	73566	3	75177	2
1,1,2-Trichloroethane	95914	5	100656	5
Tetrachloroethene	114229	6	114692	0
1,3-Dichloropropane	76826	5	78841	3
Dibromochloromethane	59339	8	60920	3
1,2-Dibromoethane	37616	8	40084	7
Chlorobenzene	49785	4	49846	0
1,1,1,2-Tetrachloroethane	107720	5	104855	3
Bromoform	39709	12	41253	4
1,1,2,2-Tetrachloroethane	64513	9	65466	1
1,2,3-Trichloropropane	56707	7	59834	6
2-Chlorotoluene	38319	4	37691	2
4-Chlorotoluene	39800	5	39102	2
1,3-Dichlorobenzene	62270	4	60180	3
1,4-Dichlorobenzene	68877	4	68602	0
1,2-Dichlorobenzene	64068	5	63918	0

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/11/96
		Lab P.N.:	L3486
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/20/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	17536	14	20079	15
1,2,4-Trichlorobenzene	72825	4	70538	3
Hexachlorobutadiene	104086	5	99578	4
1,2,3-Trichlorobenzene	74668	4	74660	0
Benzene	15675	3	14903	5
Toluene	14580	2	13688	6
Ethylbenzene	13121	3	12399	6
p,m-Xylenes	15164	3	14399	5
o-Xylene	12876	4	12322	4
Styrene	16832	2	16012	5
Isopropylbenzene	9826	2	9300	5
Bromobenzene	28137	6	27344	3
Propylbenzene	12666	1	11990	5
1,3,5-Trimethylbenzene	18075	2	16911	6
tert-Butylbenzene	10603	5	9749	8
1,2,4-Trimethylbenzene	13708	2	12778	7
sec-Butylbenzene	10858	3	10024	8
4-Isopropyltoluene	10377	2	9748	6
n-Butylbenzene	11498	2	10707	7
Naphthalene	12006	4	11668	3
Carbon disulfide	2003	10	1683	16*
MTBE	7990	3	7372	8

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/11/96
		Lab P.N.:	L3486
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	37722	8	41078	9
Chloromethane	52050	4	49169	6
Vinyl chloride	59052	7	64333	9
Bromomethane	35078	5	35127	0
Chloroethane	63185	7	63037	0
Trichlorofluoromethane	91240	5	94526	4
1,1-Dichloroethene	91191	4	91811	1
Methylene chloride	115237	9	108533	6
trans-1,2-Dichloroethene	97236	3	97455	0
1,1-Dichloroethane	97861	4	97891	0
cis-1,2-Dichloroethene	101237	4	102226	1
2,2-Dichloropropane	88460	3	88612	0
Bromochloromethane	70732	3	69565	2
Chloroform	128303	3	124750	3
1,1,1-Trichloroethane	115648	2	117399	2
Carbon tetrachloride	128227	4	128718	0
1,1-Dichloropropene	44523	6	45503	2
1,2-Dichloroethane	94459	2	92043	3
Trichloroethene	121853	6	119813	2
1,2-Dichloropropane	88599	4	87632	1
Dibromomethane	44506	7	45770	3
Bromodichloromethane	93143	8	95804	3
2-Chloroethyl vinyl ether	44523	6	45503	2
cis-1,3-Dichloropropene	78985	4	80346	2
trans-1,3-Dichloropropene	73566	3	73818	0
1,1,2-Trichloroethane	95914	5	97785	2
Tetrachloroethene	114229	6	115449	1
1,3-Dichloropropane	76826	5	77760	1
Dibromochloromethane	59339	8	61033	3
1,2-Dibromoethane	37616	8	39067	4
Chlorobenzene	49785	4	49366	1
1,1,1,2-Tetrachloroethane	107720	5	105837	2
Bromoform	39709	12	41485	4
1,1,2,2-Tetrachloroethane	64513	9	71818	11
1,2,3-Trichloropropane	56707	7	59730	5
2-Chlorotoluene	38319	4	37786	1
4-Chlorotoluene	39800	5	40496	2
1,3-Dichlorobenzene	62270	4	61536	1
1,4-Dichlorobenzene	68877	4	67457	2
1,2-Dichlorobenzene	64068	5	62451	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/11/96
		Lab P.N.:	L3486
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	17536	14	18030	3
1,2,4-Trichlorobenzene	72825	4	70287	3
Hexachlorobutadiene	104086	5	100073	4
1,2,3-Trichlorobenzene	74668	4	72873	2
Benzene	15675	3	15991	2
Toluene	14580	2	14603	0
Ethylbenzene	13121	3	13405	2
p,m-Xylenes	15164	3	15547	3
o-Xylene	12876	4	13338	4
Styrene	16832	2	17053	1
Isopropylbenzene	9826	2	10059	2
Bromobenzene	28137	6	28800	2
Propylbenzene	12666	1	12916	2
1,3,5-Trimethylbenzene	18075	2	18202	1
tert-Butylbenzene	10603	5	10417	2
1,2,4-Trimethylbenzene	13708	2	13730	0
sec-Butylbenzene	10858	3	10905	0
4-Isopropyltoluene	10377	2	10529	1
n-Butylbenzene	11498	2	11587	1
Naphthalene	12006	4	12462	4
Carbon disulfide	2003	10	1738	13
MTBE	7990	3	7297	9

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/11/96
		Lab P.N.:	L3486
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	37722	8	35666	5
Chloromethane	52050	4	38889	25*
Vinyl chloride	59052	7	54384	8
Bromomethane	35078	5	33432	5
Chloroethane	63185	7	57097	10
Trichlorofluoromethane	91240	5	83151	9
1,1-Dichloroethene	91191	4	83733	8
Methylene chloride	115237	9	102033	11
trans-1,2-Dichloroethene	97236	3	89701	8
1,1-Dichloroethane	97861	4	92510	5
cis-1,2-Dichloroethene	101237	4	95342	6
2,2-Dichloropropane	88460	3	76651	13
Bromochloromethane	70732	3	68362	3
Chloroform	128303	3	123699	4
1,1,1-Trichloroethane	115648	2	111185	4
Carbon tetrachloride	128227	4	122191	5
1,1-Dichloropropene	44523	6	44513	0
1,2-Dichloroethane	94459	2	91824	3
Trichloroethene	121853	6	136840	12
1,2-Dichloropropane	88599	4	85115	4
Dibromomethane	44506	7	44594	0
Bromodichloromethane	93143	8	88851	5
2-Chloroethyl vinyl ether	44523	6	44513	0
cis-1,3-Dichloropropene	78985	4	73843	7
trans-1,3-Dichloropropene	73566	3	68004	8
1,1,2-Trichloroethane	95914	5	91209	5
Tetrachloroethene	114229	6	104373	9
1,3-Dichloropropane	76826	5	72116	6
Dibromochloromethane	59339	8	57820	3
1,2-Dibromoethane	37616	8	37756	0
Chlorobenzene	49785	4	42817	14
1,1,1,2-Tetrachloroethane	107720	5	98963	8
Bromoform	39709	12	39600	0
1,1,2,2-Tetrachloroethane	64513	9	43147	33*
1,2,3-Trichloropropane	56707	7	54476	4
2-Chlorotoluene	38319	4	34862	9
4-Chlorotoluene	39800	5	36082	9
1,3-Dichlorobenzene	62270	4	57243	8
1,4-Dichlorobenzene	68877	4	60875	12
1,2-Dichlorobenzene	64068	5	58260	9

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/11/96
		Lab P.N.:	L3486
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	17536	14	18553	6
1,2,4-Trichlorobenzene	72825	4	65506	10
Hexachlorobutadiene	104086	5	88771	15
1,2,3-Trichlorobenzene	74668	4	65540	12
Benzene	15675	3	14839	5
Toluene	14580	2	13589	7
Ethylbenzene	13121	3	12383	6
p,m-Xylenes	15164	3	15167	0
o-Xylene	12876	4	12390	4
Styrene	16832	2	15841	6
Isopropylbenzene	9826	2	9274	6
Bromobenzene	28137	6	26992	4
Propylbenzene	12666	1	11898	6
1,3,5-Trimethylbenzene	18075	2	16748	7
tert-Butylbenzene	10603	5	9454	11
1,2,4-Trimethylbenzene	13708	2	12665	8
sec-Butylbenzene	10858	3	10158	6
4-Isopropyltoluene	10377	2	9599	7
n-Butylbenzene	11498	2	10628	8
Naphthalene	12006	4	11679	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/11/96
		Lab P.N.:	L3486
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/24/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	37722	8	40636	8
Chloromethane	52050	4	47361	9
Vinyl chloride	59052	7	62735	6
Bromomethane	35078	5	36070	3
Chloroethane	63185	7	64336	2
Trichlorofluoromethane	91240	5	94649	4
1,1-Dichloroethene	91191	4	92365	1
Methylene chloride	115237	9	109403	5
trans-1,2-Dichloroethene	97236	3	98129	1
1,1-Dichloroethane	97861	4	99965	2
cis-1,2-Dichloroethene	101237	4	102907	2
2,2-Dichloropropane	88460	3	93210	5
Bromochloromethane	70732	3	70578	0
Chloroform	128303	3	126079	2
1,1,1-Trichloroethane	115648	2	117742	2
Carbon tetrachloride	128227	4	130482	2
1,1-Dichloropropene	44523	6	44524	0
1,2-Dichloroethane	94459	2	93607	1
Trichloroethene	121853	6	114230	6
1,2-Dichloropropane	88599	4	88775	0
Dibromomethane	44506	7	45940	3
Bromodichloromethane	93143	8	95010	2
2-Chloroethyl vinyl ether	44523	6	44524	0
cis-1,3-Dichloropropene	78985	4	82189	4
trans-1,3-Dichloropropene	73566	3	75324	2
1,1,2-Trichloroethane	95914	5	98623	3
Tetrachloroethene	114229	6	117371	3
1,3-Dichloropropane	76826	5	77829	1
Dibromochloromethane	59339	8	61560	4
1,2-Dibromoethane	37616	8	39423	5
Chlorobenzene	49785	4	52449	5
1,1,1,2-Tetrachloroethane	107720	5	108658	1
Bromoform	39709	12	41375	4
1,1,2,2-Tetrachloroethane	64513	9	73080	13
1,2,3-Trichloropropane	56707	7	60512	7
2-Chlorotoluene	38319	4	39088	2
4-Chlorotoluene	39800	5	42578	7
1,3-Dichlorobenzene	62270	4	63792	2
1,4-Dichlorobenzene	68877	4	70362	2
1,2-Dichlorobenzene	64068	5	65172	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/11/96
		Lab P.N.:	L3486
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/24/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	17536	14	18802	7
1,2,4-Trichlorobenzene	72825	4	74004	2
Hexachlorobutadiene	104086	5	103448	1
1,2,3-Trichlorobenzene	74668	4	75122	1
Benzene	15675	3	16100	3
Toluene	14580	2	14748	1
Ethylbenzene	13121	3	13561	3
p,m-Xylenes	15164	3	15165	0
o-Xylene	12876	4	13434	4
Styrene	16832	2	17389	3
Isopropylbenzene	9826	2	10204	4
Bromobenzene	28137	6	29230	4
Propylbenzene	12666	1	13515	7
1,3,5-Trimethylbenzene	18075	2	18455	2
tert-Butylbenzene	10603	5	10489	1
1,2,4-Trimethylbenzene	13708	2	13976	2
sec-Butylbenzene	10858	3	11157	3
4-Isopropyltoluene	10377	2	10640	3
n-Butylbenzene	11498	2	11820	3
Naphthalene	12006	4	12050	0
Carbon disulfide	2003	10	2003	0
MTBE	7990	3	7992	0

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/11/96
		Lab P.N.:	L3486
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/25/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	37722	8	38767	3
Chloromethane	52050	4	40889	21*
Vinyl chloride	59052	7	61359	4
Bromomethane	35078	5	34915	0
Chloroethane	63185	7	62155	2
Trichlorofluoromethane	91240	5	93549	3
1,1-Dichloroethene	91191	4	92760	2
Methylene chloride	115237	9	113058	2
trans-1,2-Dichloroethene	97236	3	99095	2
1,1-Dichloroethane	97861	4	99515	2
cis-1,2-Dichloroethene	101237	4	101749	1
2,2-Dichloropropane	88460	3	89262	1
Bromochloromethane	70732	3	72086	2
Chloroform	128303	3	129288	1
1,1,1-Trichloroethane	115648	2	117191	1
Carbon tetrachloride	128227	4	130560	2
1,1-Dichloropropene	44523	6	45904	3
1,2-Dichloroethane	94459	2	95349	1
Trichloroethene	121853	6	122739	1
1,2-Dichloropropane	88599	4	90496	2
Dibromomethane	44506	7	48209	8
Bromodichloromethane	93143	8	92934	0
2-Chloroethyl vinyl ether	44523	6	45904	3
cis-1,3-Dichloropropene	78985	4	82629	5
trans-1,3-Dichloropropene	73566	3	76986	5
1,1,2-Trichloroethane	95914	5	99081	3
Tetrachloroethene	114229	6	115908	1
1,3-Dichloropropane	76826	5	79135	3
Dibromochloromethane	59339	8	63745	7
1,2-Dibromoethane	37616	8	41405	10
Chlorobenzene	49785	4	47697	4
1,1,1,2-Tetrachloroethane	107720	5	110742	3
Bromoform	39709	12	42924	8
1,1,2,2-Tetrachloroethane	64513	9	67382	4
1,2,3-Trichloropropane	56707	7	59912	6
2-Chlorotoluene	38319	4	39567	3
4-Chlorotoluene	39800	5	41196	4
1,3-Dichlorobenzene	62270	4	64590	4
1,4-Dichlorobenzene	68877	4	68696	0
1,2-Dichlorobenzene	64068	5	65349	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/11/96
		Lab P.N.:	L3486
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/25/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	17536	14	19650	12
1,2,4-Trichlorobenzene	72825	4	73878	1
Hexachlorobutadiene	104086	5	101950	2
1,2,3-Trichlorobenzene	74668	4	71888	4
Benzene	15675	3	15214	3
Toluene	14580	2	13908	5
Ethylbenzene	13121	3	12797	2
p,m-Xylenes	15164	3	14828	2
o-Xylene	12876	4	12676	2
Styrene	16832	2	16412	2
Isopropylbenzene	9826	2	9574	3
Bromobenzene	28137	6	29607	5
Propylbenzene	12666	1	12973	2
1,3,5-Trimethylbenzene	18075	2	17367	4
tert-Butylbenzene	10603	5	9854	7
1,2,4-Trimethylbenzene	13708	2	13076	5
sec-Butylbenzene	10858	3	10307	5
4-Isopropyltoluene	10377	2	10102	3
n-Butylbenzene	11498	2	11010	4
Naphthalene	12006	4	11557	4

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/11/96
		Lab P.N.:	L3486
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/25/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	37722	8	50935	35*
Chloromethane	52050	4	47350	9
Vinyl chloride	59052	7	68890	17*
Bromomethane	35078	5	39744	13
Chloroethane	63185	7	68777	9
Trichlorofluoromethane	91240	5	100675	10
1,1-Dichloroethene	91191	4	97268	7
Methylene chloride	115237	9	116397	1
trans-1,2-Dichloroethene	97236	3	101025	4
1,1-Dichloroethane	97861	4	101474	4
cis-1,2-Dichloroethene	101237	4	102966	2
2,2-Dichloropropane	88460	3	91353	3
Bromochloromethane	70732	3	71568	1
Chloroform	128303	3	127545	1
1,1,1-Trichloroethane	115648	2	118637	3
Carbon tetrachloride	128227	4	132034	3
1,1-Dichloropropene	44523	6	47326	6
1,2-Dichloroethane	94459	2	93681	1
Trichloroethene	121853	6	122520	1
1,2-Dichloropropane	88599	4	89649	1
Dibromomethane	44506	7	47551	7
Bromodichloromethane	93143	8	90486	3
2-Chloroethyl vinyl ether	44523	6	47326	6
cis-1,3-Dichloropropene	78985	4	81612	3
trans-1,3-Dichloropropene	73566	3	74533	1
1,1,2-Trichloroethane	95914	5	95066	1
Tetrachloroethene	114229	6	117018	2
1,3-Dichloropropane	76826	5	76513	0
Dibromochloromethane	59339	8	62226	5
1,2-Dibromoethane	37616	8	40589	8
Chlorobenzene	49785	4	48644	2
1,1,1,2-Tetrachloroethane	107720	5	108852	1
Bromoform	39709	12	42092	6
1,1,2,2-Tetrachloroethane	64513	9	66936	4
1,2,3-Trichloropropane	56707	7	57627	2
2-Chlorotoluene	38319	4	39336	3
4-Chlorotoluene	39800	5	41349	4
1,3-Dichlorobenzene	62270	4	64501	4
1,4-Dichlorobenzene	68877	4	67931	1
1,2-Dichlorobenzene	64068	5	64352	0

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/11/96
		Lab P.N.:	L3486
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/25/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	17536	14	19126	9
1,2,4-Trichlorobenzene	72825	4	72131	1
Hexachlorobutadiene	104086	5	106261	2
1,2,3-Trichlorobenzene	74668	4	71543	4
Benzene	15675	3	15075	4
Toluene	14580	2	13886	5
Ethylbenzene	13121	3	12751	3
p,m-Xylenes	15164	3	14775	3
o-Xylene	12876	4	12498	3
Styrene	16832	2	16073	5
Isopropylbenzene	9826	2	9580	3
Bromobenzene	28137	6	29483	5
Propylbenzene	12666	1	12744	1
1,3,5-Trimethylbenzene	18075	2	17338	4
tert-Butylbenzene	10603	5	9725	8
1,2,4-Trimethylbenzene	13708	2	12974	5
sec-Butylbenzene	10858	3	10338	5
4-Isopropyltoluene	10377	2	10030	3
n-Butylbenzene	11498	2	10916	5
Naphthalene	12006	4	10645	11
Carbon disulfide	2003	10	2002	0
MTBE	7990	3	7990	0

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

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CHAIN-OF-CUSTODY RECORD

3274

Client: CDM

Date: 6-19-96

Page 1 of 1

Project Name / #: Baldwin Park OU 2581-112-TA-SAMP

Project Address: MW5-03

Irwindale, CA

P.O.#:

Quote #:

Project Contact (please print): Suzanne Rowe / B. Wells

State where samples were collected:

Analysis Requested: All analyses and deliverables must be identified

Lab Use Only
Lab Job # L3486
C.O. #
C.O. #
C.O. #
C.O. #
Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☒ no

Sample Identification	Date Collected	Time Collected	Grab	Comp.	Lab Sample Number	Physical State: Solid (S), Liquid (L), Vapor (V)	Preservation: Iced (I), Filtered (F), Preservative (P)	EPA 8021 VOCs							Total Number of Containers	Remarks	Temp of Sample Upon Receipt (if requested)
BP-GW-MW50304-061896	6/18/96	850	X		L3486-1	L	IP	X							3	40 ml VOA w/HCl	
BP-GW-MW50305-061896		1040	X		-2	L	IP	X							3		
BP-GW-MW50306-061896		1215	X		-3	L	IP	X							3		
BP-GW-MW50307-061896		1345	X		-4	L	IP	X							3		
BP-GW-MW50308-061896		1520	X		-5	L	IP	X							3		
BP-GW-MW50309-061896		1645	X		-6	L	IP	X							5	Lab QC	
BP-GW-MW50310-061896		1800	X		-7	L	IP	X							3		
BP-GW-MW50310S-061896		1900	X		-8	L	IP	X							2		
BP-GW-MW50310N-061896		1830	X		-9	L	IP	X							3		
															28	Total Number of Containers	

Turnaround Time Requested (TAT) (please circle): Normal Rush
(Rush TAT is subject to TMA approval and surcharge)

Date Results are Needed:

Rush Results requested by (please circle): Phone Fax

Phone #:

Fax #:

Data Package Options (please circle if requested)
QC Summary: CLP-Like
Type I, Type II, Type III, Type IV, Type V, Type VI, Type VII, Other

Site Specific QC Required?: YES NO
(if yes, indicate QC sample and submit triplicate volume)

SDG Complete?: YES NO

Method of Shipment

❶ Relinquished by (signature)*	❷ Received by (signature)	Date
Barbara Wheeler		
Company: CDM	Company	Time
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature): Don Bailey	Date: 6/19/96
Company	Laboratory Name: TMA	Time: 0630

Special Instructions: CLP-Like Deliverables

*See Terms And Conditions on reverse **before** signing

☐ 300 Second Avenue, Waltham, MA 02254 (617) 890-7200, Fax (617) 890-3883
☐ 603 South Main Street, New Ellenton, SC 29809 (803) 652-3324, Fax (803) 652-7995
☐ 1920 E. Deere Avenue, Santa Ana, CA 92705 (714) 757-7022, Fax (714) 757-7274
☐ 387 Airport Industrial Drive, Ypsilanti, MI 48198 (313) 480-2500, Fax (313) 480-2295

TMA Thermo Analytical

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Thermo Analytical

24 1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

CAMP DRESSER & McKEE, INC.
18881 VON KARMAN, STE 650
IRVINE CA 92715

JUL 2 2 1996

July 19, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3492

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 06/19/96 were analyzed by Thermo Analytical for Volatile Organic Compounds (VOC's) by EPA Method 8021 and Nitrate/Nitrite by EPA Method 300.0.

The EPA Method 8021 samples taken on 06/19/96 were analyzed 06/21/96 which is within the allowable method holding time. The samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The 06/20/96 beginning continuing calibration had one compound with a percent difference outside the acceptable QC limits. Carbon disulfide had a response factor less than the initial calibration response factor. The confirmation column Carbon disulfide continuing calibration response factor was within acceptable QC limits. Since the other continuing calibrations were within acceptable QC limits and Carbon disulfide was not detected in the sample, the results were reported as is.

The 06/21/96 ending continuing calibration had two compounds with percent differences outside the acceptable QC limits. Chloromethane and 1,1,2,2-Tetrachloroethane had response factors less than the initial calibration response factors. Subsequently, an additional continuing calibration was analyzed with acceptable Chloromethane and 1,1.2,2-Tetrachloroethane percent differences. Since the compounds were not detected in any of the samples, the results were reported as is.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley

Don Burley
Program Manager

Enclosure

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/12/96
Client:	CDM, Inc.	Lab P.N.:	L3492
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/19/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/19/96
Project Address:	MW5-01	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	17:59
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50101-061996	Lab Sample ID:	L3492-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.17	U
590-20-7	2.2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/12/96
Client:	CDM, Inc.	Lab P.N.:	L3492
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/19/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/19/96
Project Address:	MW5-01	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	17:59
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50101-061996	Lab Sample ID:	L3492-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.14	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
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EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/12/96
Client:	CDM, Inc.	Lab P.N.:	L3492
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/19/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/19/96
Project Address:	MW5-01	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	18:40
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50102-061996	Lab Sample ID:	L3492-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	3.2	
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	1.1	
156-59-4	cis-1,2-Dichloroethene	0.98	
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	3.4	
79-01-6	Trichloroethene	9.2	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
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EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/12/96
Client:	CDM, Inc.	Lab P.N.:	L3492
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/19/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/19/96
Project Address:	MW5-01	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	18:40
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50102-061996	Lab Sample ID:	L3492-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.65	
108-88-3	Toluene	2.0	
100-41-4	Ethylbenzene	5.2	
106-42-3/108-38-3	p,m-Xylenes	0.95	
95-47-6	o-Xylene	0.58	
100-42-5	Styrene	2.5	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.16	
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.55	
135-98-8	sec-Butylbenzene	0.26	
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.79	

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
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EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/12/96
Client:	CDM, Inc.	Lab P.N.:	L3492
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/19/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/19/96
Project Address:	MW5-01	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	19:20
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50103-061996	Lab Sample ID:	L3492-3

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.17	U
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	3.2	
78-87-5	1.2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/12/96
Client:	CDM, Inc.	Lab P.N.:	L3492
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/19/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/19/96
Project Address:	MW5-01	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	19:20
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50103-061996	Lab Sample ID:	L3492-3

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.46	
100-41-4	Ethylbenzene	0.99	
106-42-3/108-38-3	p,m-Xylenes	0.90	
95-47-6	o-Xylene	0.76	
100-42-5	Styrene	0.87	
98-82-8	Isopropylbenzene	0.23	
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.52	
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.40	
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.12	
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/12/96
Client:	CDM, Inc.	Lab P.N.:	L3492
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/19/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/19/96
Project Address:	MW5-01	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	20:01
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50104-061996	Lab Sample ID:	L3492-4

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.17	U
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.39	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/12/96
Client:	CDM, Inc.	Lab P.N.:	L3492
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/19/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/19/96
Project Address:	MW5-01	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	20:01
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50104-061996	Lab Sample ID:	L3492-4

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.13	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/12/96
Client:	CDM, Inc.	Lab P.N.:	L3492
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/19/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/19/96
Project Address:	MW5-01	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	20:42
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50104N-061996	Lab Sample ID:	L3492-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.17	U
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/12/96
Client:	CDM, Inc.	Lab P.N.:	L3492
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/19/96
Project Name:	Baldwin Park Operable Unit	Date Received:	06/19/96
Project Address:	MW5-01	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	20:42
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50104N-061996	Lab Sample ID:	L3492-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/12/96
Client:	CDM, Inc.	Lab P.N.:	L3492
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	N/A
Project Name:	Baldwin Park Operable Unit	Date Received:	N/A
Project Address:	MW5-01	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	00:45
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	06/21 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.17	U
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/12/96
Client:	CDM, Inc.	Lab P.N.:	L3492
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	N/A
Project Name:	Baldwin Park Operable Unit	Date Received:	N/A
Project Address:	MW5-01	Date Analyzed:	06/21/96
	Irwindale, CA	Time Analyzed:	00:45
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	06/21 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

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EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	07/12/96
Client:	CDM, Inc.	Lab P.N.:	L3492
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/20/96-06/21/96
Project Name:	Baldwin Park Operable Unit		
Project Address:	MW5-01 Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	106	106	102
CCV	104	92	106
CCV	92	101	94
Method Blank	101	106	104
L3492-1	103	99	104
L3492-2	104	102	107
L3492-3	104	99	106
L3492-4	97	96	101
L3492-5	95	101	104
LCS	97	96	104
MS	95	103	103
MSD	97	94	102
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

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CAMP DRESSER & McKEE, INC.
18881 VON KARMAN, STE 650
IRVINE, CA 92715

JUL 26 1996

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	07/12/96
Client:	CDM, Inc.	Lab P.N.:	L3492
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/21/96
Project Name:	Baldwin Park Operable Unit		
Project Address:	MW5-01 Irwindale, CA		
Matrix:	Liquid		
Client Sample:	BP-GW-MW50309-061896	Lab Sample ID:	L3486-6

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC. #	QC LIMITS REC.
Benzene	10.0	0.25	9.98	97	74-121
Toluene	10.0	0.14	9.72	96	72-121
Ethylbenzene	10.0	0.0	9.76	98	72-117
o-Xylene	10.0	0.0	9.79	98	66-124
1,1-Dichloroethane	10.0	6.07	15.1	90	73-121
1,1,1-Trichloroethane	10.0	0.91	10.5	96	72-126
cis-1,3-Dichloropropene	10.0	0.0	9.16	92	58-124
Chlorobenzene	10.0	1.58	11.2	96	52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzene	10.0	9.83	96	1	0-10	74-121
Toluene	10.0	9.52	94	2	0-16	72-121
Ethylbenzene	10.0	9.50	95	3	0-14	72-117
o-Xylene	10.0	9.77	98	0	0-14	66-124
1,1-Dichloroethane	10.0	15.3	92	2	0-18	73-121
1,1,1-Trichloroethane	10.0	10.2	93	3	0-15	72-126
cis-1,3-Dichloropropene	10.0	9.07	91	1	0-22	58-124
Chlorobenzene	10.0	11.0	94	2	0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	07/12/96
Client:	CDM, Inc.	Lab P.N.:	L3492
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/21/96
Project Name:	Baldwin Park Operable Unit		
Project Address:	MW5-01 Irwindale, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC. #	QC LIMITS REC.
Benzene	10.0	10.2	102	75-125
Toluene	10.0	9.97	100	75-125
Ethylbenzene	10.0	10.1	101	75-125
o-Xylene	10.0	10.2	102	75-125
1,1-Dichloroethane	10.0	9.50	95	75-125
1,1,1-Trichloroethane	10.0	9.63	96	75-125
cis-1,3-Dichloropropene	10.0	9.69	97	75-125
Chlorobenzene	10.0	10.2	102	75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/12/96
		Lab P.N.:	L3492
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/20/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	37722	8	40150	6
Chloromethane	52050	4	50485	3
Vinyl chloride	59052	7	60541	3
Bromomethane	35078	5	34065	3
Chloroethane	63185	7	62935	0
Trichlorofluoromethane	91240	5	91037	0
1,1-Dichloroethene	91191	4	91825	1
Methylene chloride	115237	9	109568	5
trans-1,2-Dichloroethene	97236	3	100767	4
1,1-Dichloroethane	97861	4	98849	1
cis-1,2-Dichloroethene	101237	4	106302	5
2,2-Dichloropropane	88460	3	84778	4
Bromochloromethane	70732	3	71139	1
Chloroform	128303	3	128515	0
1,1,1-Trichloroethane	115648	2	122409	6
Carbon tetrachloride	128227	4	138717	8
1,1-Dichloropropene	44523	6	46686	5
1,2-Dichloroethane	94459	2	95937	2
Trichloroethene	121853	6	123079	1
1,2-Dichloropropane	88599	4	91815	4
Dibromomethane	44506	7	47156	6
Bromodichloromethane	93143	8	100741	8
2-Chloroethyl vinyl ether	44523	6	46686	5
cis-1,3-Dichloropropene	78985	4	82230	4
trans-1,3-Dichloropropene	73566	3	75177	2
1,1,2-Trichloroethane	95914	5	100656	5
Tetrachloroethene	114229	6	114692	0
1,3-Dichloropropane	76826	5	78841	3
Dibromochloromethane	59339	8	60920	3
1,2-Dibromoethane	37616	8	40084	7
Chlorobenzene	49785	4	49846	0
1,1,1,2-Tetrachloroethane	107720	5	104855	3
Bromoform	39709	12	41253	4
1,1,2,2-Tetrachloroethane	64513	9	65466	1
1,2,3-Trichloropropane	56707	7	59834	6
2-Chlorotoluene	38319	4	37691	2
4-Chlorotoluene	39800	5	39102	2
1,3-Dichlorobenzene	62270	4	60180	3
1,4-Dichlorobenzene	68877	4	68602	0
1,2-Dichlorobenzene	64068	5	63918	0

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/12/96
		Lab P.N.:	L3492
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/20/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	17536	14	20079	15
1,2,4-Trichlorobenzene	72825	4	70538	3
Hexachlorobutadiene	104086	5	99578	4
1,2,3-Trichlorobenzene	74668	4	74660	0
Benzene	15675	3	14903	5
Toluene	14580	2	13688	6
Ethylbenzene	13121	3	12399	6
p,m-Xylenes	15164	3	14399	5
o-Xylene	12876	4	12322	4
Styrene	16832	2	16012	5
Isopropylbenzene	9826	2	9300	5
Bromobenzene	28137	6	27344	3
Propylbenzene	12666	1	11990	5
1,3,5-Trimethylbenzene	18075	2	16911	6
tert-Butylbenzene	10603	5	9749	8
1,2,4-Trimethylbenzene	13708	2	12778	7
sec-Butylbenzene	10858	3	10024	8
4-Isopropyltoluene	10377	2	9748	6
n-Butylbenzene	11498	2	10707	7
Naphthalene	12006	4	11668	3
Carbon disulfide	2003	10	1683	16*
MTBE	7990	3	7372	8

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/12/96
		Lab P.N.:	L3492
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	37722	8	41078	9
Chloromethane	52050	4	49169	6
Vinyl chloride	59052	7	64333	9
Bromomethane	35078	5	35127	0
Chloroethane	63185	7	63037	0
Trichlorofluoromethane	91240	5	94526	4
1,1-Dichloroethene	91191	4	91811	1
Methylene chloride	115237	9	108533	6
trans-1,2-Dichloroethene	97236	3	97455	0
1,1-Dichloroethane	97861	4	97891	0
cis-1,2-Dichloroethene	101237	4	102226	1
2,2-Dichloropropane	88460	3	88612	0
Bromochloromethane	70732	3	69565	2
Chloroform	128303	3	124750	3
1,1,1-Trichloroethane	115648	2	117399	2
Carbon tetrachloride	128227	4	128718	0
1,1-Dichloropropene	44523	6	45503	2
1,2-Dichloroethane	94459	2	92043	3
Trichloroethene	121853	6	119813	2
1,2-Dichloropropane	88599	4	87632	1
Dibromomethane	44506	7	45770	3
Bromodichloromethane	93143	8	95804	3
2-Chloroethyl vinyl ether	44523	6	45503	2
cis-1,3-Dichloropropene	78985	4	80346	2
trans-1,3-Dichloropropene	73566	3	73818	0
1,1,2-Trichloroethane	95914	5	97785	2
Tetrachloroethene	114229	6	115449	1
1,3-Dichloropropane	76826	5	77760	1
Dibromochloromethane	59339	8	61033	3
1,2-Dibromoethane	37616	8	39067	4
Chlorobenzene	49785	4	49366	1
1,1,1,2-Tetrachloroethane	107720	5	105837	2
Bromoform	39709	12	41485	4
1,1,2,2-Tetrachloroethane	64513	9	71818	11
1,2,3-Trichloropropane	56707	7	59730	5
2-Chlorotoluene	38319	4	37786	1
4-Chlorotoluene	39800	5	40496	2
1,3-Dichlorobenzene	62270	4	61536	1
1,4-Dichlorobenzene	68877	4	67457	2
1,2-Dichlorobenzene	64068	5	62451	3

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/12/96
		Lab P.N.:	L3492
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	17536	14	18030	3
1,2,4-Trichlorobenzene	72825	4	70287	3
Hexachlorobutadiene	104086	5	100073	4
1,2,3-Trichlorobenzene	74668	4	72873	2
Benzene	15675	3	15991	2
Toluene	14580	2	14603	0
Ethylbenzene	13121	3	13405	2
p,m-Xylenes	15164	3	15547	3
o-Xylene	12876	4	13338	4
Styrene	16832	2	17053	1
Isopropylbenzene	9826	2	10059	2
Bromobenzene	28137	6	28800	2
Propylbenzene	12666	1	12916	2
1,3,5-Trimethylbenzene	18075	2	18202	1
tert-Butylbenzene	10603	5	10417	2
1,2,4-Trimethylbenzene	13708	2	13730	0
sec-Butylbenzene	10858	3	10905	0
4-Isopropyltoluene	10377	2	10529	1
n-Butylbenzene	11498	2	11587	1
Naphthalene	12006	4	12462	4
Carbon disulfide	2003	10	1738	13
MTBE	7990	3	7297	9

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/12/96
		Lab P.N.:	L3492
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	37722	8	35666	5
Chloromethane	52050	4	38889	25*
Vinyl chloride	59052	7	54384	8
Bromomethane	35078	5	33432	5
Chloroethane	63185	7	57097	10
Trichlorofluoromethane	91240	5	83151	9
1,1-Dichloroethene	91191	4	83733	8
Methylene chloride	115237	9	102033	11
trans-1,2-Dichloroethene	97236	3	89701	8
1,1-Dichloroethane	97861	4	92510	5
cis-1,2-Dichloroethene	101237	4	95342	6
2,2-Dichloropropane	88460	3	76651	13
Bromochloromethane	70732	3	68362	3
Chloroform	128303	3	123699	4
1,1,1-Trichloroethane	115648	2	111185	4
Carbon tetrachloride	128227	4	122191	5
1,1-Dichloropropene	44523	6	43066	3
1,2-Dichloroethane	94459	2	91824	3
Trichloroethene	121853	6	136840	12
1,2-Dichloropropane	88599	4	85115	4
Dibromomethane	44506	7	44594	0
Bromodichloromethane	93143	8	88851	5
2-Chloroethyl vinyl ether	44523	6	43066	3
cis-1,3-Dichloropropene	78985	4	73843	7
trans-1,3-Dichloropropene	73566	3	68004	8
1,1,2-Trichloroethane	95914	5	91209	5
Tetrachloroethene	114229	6	104373	9
1,3-Dichloropropane	76826	5	72116	6
Dibromochloromethane	59339	8	57820	3
1,2-Dibromoethane	37616	8	37756	0
Chlorobenzene	49785	4	42817	14
1,1,1,2-Tetrachloroethane	107720	5	98963	8
Bromoform	39709	12	39600	0
1,1,2,2-Tetrachloroethane	64513	9	43147	33*
1,2,3-Trichloropropane	56707	7	54476	4
2-Chlorotoluene	38319	4	34862	9
4-Chlorotoluene	39800	5	36082	9
1,3-Dichlorobenzene	62270	4	57243	8
1,4-Dichlorobenzene	68877	4	60875	12
1,2-Dichlorobenzene	64068	5	58260	9

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/12/96
		Lab P.N.:	L3492
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/21/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	17536	14	18553	6
1,2,4-Trichlorobenzene	72825	4	65506	10
Hexachlorobutadiene	104086	5	88771	15
1,2,3-Trichlorobenzene	74668	4	65540	12
Benzene	15675	3	14839	5
Toluene	14580	2	13589	7
Ethylbenzene	13121	3	12383	6
p,m-Xylenes	15164	3	14378	5
o-Xylene	12876	4	12390	4
Styrene	16832	2	15841	6
Isopropylbenzene	9826	2	9274	6
Bromobenzene	28137	6	26992	4
Propylbenzene	12666	1	11898	6
1,3,5-Trimethylbenzene	18075	2	16748	7
tert-Butylbenzene	10603	5	9454	11
1,2,4-Trimethylbenzene	13708	2	12665	8
sec-Butylbenzene	10858	3	10158	6
4-Isopropyltoluene	10377	2	9599	7
n-Butylbenzene	11498	2	10628	8
Naphthalene	12006	4	11679	3
Carbon disulfide	2003	10	2002	0
MTBE	7990	3	7992	0

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

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1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
Formerly Terra Tech Labs

LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	7/10/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3492
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	Baldwin Park OU	Date Sampled:	6/19/96
Project Address:	MW5-01	Date Received:	6/19/96
	Irwindale, CA	Date Analyzed:	6/20/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Nitrate-N (EPA 300.0)	M	98	98	80-120	0	0-20
Nitrate-N (EPA 300.0)	L	92	93	80-120	1	0-20
Nitrite-N (EPA 300.0)	M	94	94	80-120	0	0-20
Nitrite-N (EPA 300.0)	L	96	100	80-120	4	0-20

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	7/10/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3492
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	Baldwin Park OU	Date Sampled:	6/19/96
Project Address:	MW5-01	Date Analyzed:	6/20/96
	Irwindale, CA	Physical State:	Liquid

Client Sample ID	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l
BP-GW-MW50101-061996	ND	ND
BP-GW-MW50102-061996	ND	ND
BP-GW-MW50103-061996	ND	ND
BP-GW-MW50104-061996	ND	ND
BP-GW-MW50104N-061996	ND	ND
Method Blank	ND	ND
Quantitation Limits mg/l	0.25	0.25

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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CHAIN-OF-CUSTODY RECORD

3273

Client: CDM

Date: 6-19-96

Project Name / #: Baldwin Park OU 2581-112-T4-SAMP

Project Address: MW5-01

Irwindale, CA

P.O.#:

Quote #:

Project Contact (please print): Suzanne Rowe / B. Wells

State where samples were collected:

Page 1 of 1

Lab Use Only
Lab Job # L3492
C.O. #
C.O. #
C.O. #
C.O. #
Sample Condition Upon Receipt:
Chilled yes no
Sealed yes no

Analysis Requested All analyses and deliverables must be identified

Sample Identification	Date Collected	Time Collected	Grab	Comp.	Lab Sample Number	Physical State: Solid (S), Liquid (L), Vapor (V)	Preservation: Iced (I), Filtered (F), Preservative (P)	EPA 8021 - VOCs	EPA 300.0 - NO3, NO2						Total Number of Containers	Remarks	Temp of Sample Upon Receipt (if requested)
BP-GW-MW50101-061996	6/19/96	1130	X		L3492-1	L	PI	X	X						4	3-40ml VOAs w/HCl 1-100ml poly	
BP-GW-MW50102-061996		1330	X		-2	L	PI	X	X						4	3-40ml VOAs w/HCl 1-100ml poly	
BP-GW-MW50103-061996		1505	X		-3	L	PI	X	X						4	3-40ml VOAs w/HCl 1-100ml poly	
BP-GW-MW50104-061996		1645	X		-4	L	PI	X	X						*7	5-40ml VOAs w/HCl 2-100ml poly	
BP-GW-MW50104N-061996		1700	X		-5	L	PI	X	X						4	3-40ml VOAs w/HCl 1-100ml poly	

Turnaround Time Requested (TAT) (please circle): Normal Rush
(Rush TAT is subject to TMA approval and surcharge)

Date Results are Needed:

Rush Results requested by (please circle): Phone Fax

Phone #:

Fax #:

Data Package Options (please circle if requested)
QC Summary CLP-Like
Type I Type V
Type II Type VI
Type III Type VII
Type IV Other

Site Specific QC Required?: YES NO
(if yes, indicate QC sample and submit triplicate volume)

SDG Complete?: YES NO

23 Total Number of Containers

Method of Shipment

❶ Relinquished by (signature)*	❷ Received by (signature)	Date
Barbara Wells		
Company: CDM	Company	Time
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date: 6/19/96
Company	Laboratory Name: TMA	Time: 1810

Special Instructions: CLP-Like Deliverables *Extra volume for lab QC

*See Terms And Conditions on reverse **before** signing

☐ 300 Second Avenue, Waltham, MA 02254 (617) 890-7200, Fax (617) 890-3883
☐ 603 South Main Street, New Ellenton, SC 29809 (803) 652-3324, Fax (803) 652-7995
☐ 1920 E. Deere Avenue, Santa Ana, CA 92705 (714) 757-7022, Fax (714) 757-7274
☐ 387 Airport Industrial Drive, Ypsilanti, MI 48198 (313) 480-2500, Fax (313) 480-2295

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CAMP DRESSER & McKEE, INC.
18881 VON KARMAN, STE 650
IRVINE, CA 92715

JUL 2 2 1996

July 19, 1996

Ms. Suzanne Rowe
Camp Dresser & McKee
18881 Von Karman, Suite 650
Irvine, CA 92715

RE: CLP-Like Deliverables Case Narrative for Project Number 2581-112-T4-SAMP/L3496

Dear Ms. Rowe:

Listed below is additional information to clarify special circumstances that were encountered during the analysis of the above referenced project. This letter should be forwarded to the appropriate agency along with the deliverables package enclosed.

The water samples received on 06/21/96 were analyzed by Thermo Analytical for Volatile Organic Compounds (VOC's) by EPA Method 8021 and Nitrate/Nitrite by EPA Method 300.0.

The EPA Method 8021 samples taken on 06/20/96 were analyzed 06/24/96-06/26/96 which is within the allowable method holding time. The samples and associated quality control samples may have been analyzed during the evening shift via auto-samplers both before and after midnight. The dates reported on the forms will then include one date for the samples run before midnight and a different date for the samples run after midnight. All of the samples are considered to have been run in one batch, and will have one set of quality control data.

The 06/24/96 and 06/25/96 continuing calibrations had two compounds with percent differences outside the acceptable QC limits. Chloromethane and Carbon disulfide had response factors less than the initial calibration response factors. The confirmation column Carbon disulfide continuing calibration response factors were within acceptable QC limits. Additional continuing calibrations were analyzed with acceptable Chloromethane percent differences. Since Chloromethane and Carbon disulfide were not detected in the samples, the results were reported as is. The 06/25/96-06/26/96 continuing calibrations were applicable to Trichloroethene dilutions only.

Target compounds which were analyzed for but not detected in the samples were flagged with a "U" on the sample data forms. If a "U" flag was used, the method detection limit (MDL) for that compound was inserted in the corresponding concentration column. A "B" flag was used for compounds which had detectable levels present in the associated method blank.

If you should have any questions or need further information, please contact me at 714.757.7022.

Sincerely,

Don Burley
Program Manager

Enclosure

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/24/96
	Irwindale, CA	Time Analyzed:	20:21
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50105-062096	Lab Sample ID:	L3496-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.17	U
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.46	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/24/96
	Irwindale, CA	Time Analyzed:	20:21
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50105-062096	Lab Sample ID:	L3496-1

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.22	
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/24/96
	Irwindale, CA	Time Analyzed:	21:02
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50106-062096	Lab Sample ID:	L3496-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.17	U
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.41	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	8.7	
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/24/96
	Irwindale, CA	Time Analyzed:	21:02
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50106-062096	Lab Sample ID:	L3496-2

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/24/96
	Irwindale, CA	Time Analyzed:	21:43
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50107-062096	Lab Sample ID:	L3496-3

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.44	
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	1.2	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	9.1	
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	1.3	
79-01-6	Trichloroethene	32	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/24/96
	Irwindale, CA	Time Analyzed:	21:43
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50107-062096	Lab Sample ID:	L3496-3

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.22	
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
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TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/24/96
	Irwindale, CA	Time Analyzed:	22:24
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50108-062096	Lab Sample ID:	L3496-4

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	3.3	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.41	
75-35-4	1,1-Dichloroethene	0.97	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.94	
156-59-4	cis-1,2-Dichloroethene	5.8	
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	7.9	
71-55-6	1,1,1-Trichloroethane	0.47	
56-23-5	Carbon tetrachloride	7.2	
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	8.2	
79-01-6	Trichloroethene	310	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	6.3	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 20 (analyzed 06/26/96).
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/24/96
	Irwindale, CA	Time Analyzed:	22:24
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50108-062096	Lab Sample ID:	L3496-4

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/25/96
	Irwindale, CA	Time Analyzed:	00:28
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50109-062096	Lab Sample ID:	L3496-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	11	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	1.3	
75-09-2	Methylene chloride	0.45	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	3.1	
156-59-4	cis-1,2-Dichloroethene	10	
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	12	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	5.3	
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	11	
79-01-6	Trichloroethene	270	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	11	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 20 (analyzed 06/26/96).
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/25/96
	Irwindale, CA	Time Analyzed:	00:28
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50109-062096	Lab Sample ID:	L3496-5

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/25/96
	Irwindale, CA	Time Analyzed:	01:09
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50109K-062096	Lab Sample ID:	L3496-6

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	13	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	1.6	
75-09-2	Methylene chloride	0.51	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	3.6	
156-59-4	cis-1,2-Dichloroethene	11	
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	13	
71-55-6	1,1,1-Trichloroethane	0.52	
56-23-5	Carbon tetrachloride	5.8	
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	12	
79-01-6	Trichloroethene	310	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	13	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 20 (analyzed 06/26/96).
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/25/96
	Irwindale, CA	Time Analyzed:	01:09
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50109K-062096	Lab Sample ID:	L3496-6

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/25/96
	Irwindale, CA	Time Analyzed:	01:51
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50109N-062096	Lab Sample ID:	L3496-7

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.17	U
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/25/96
	Irwindale, CA	Time Analyzed:	01:51
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50109N-062096	Lab Sample ID:	L3496-7

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/25/96
	Irwindale, CA	Time Analyzed:	02:32
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50110-062096	Lab Sample ID:	L3496-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	11	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.91	
75-09-2	Methylene chloride	0.40	
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	3.7	
156-59-4	cis-1,2-Dichloroethene	11	
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	9.4	
71-55-6	1,1,1-Trichloroethane	0.48	
56-23-5	Carbon tetrachloride	2.6	
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	4.6	
79-01-6	Trichloroethene	160	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	9.2	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 20 (analyzed 06/26/96).
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/25/96
	Irwindale, CA	Time Analyzed:	02:32
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50110-062096	Lab Sample ID:	L3496-8

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/25/96
	Irwindale, CA	Time Analyzed:	03:13
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50111-062096	Lab Sample ID:	L3496-9

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	3.2	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	4.6	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	2.3	
156-59-4	cis-1,2-Dichloroethene	7.9	
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	8.0	
71-55-6	1,1,1-Trichloroethane	0.94	
56-23-5	Carbon tetrachloride	1.6	
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	3.1	
79-01-6	Trichloroethene	140	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	24	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 20 (analyzed 06/26/96).
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/25/96
	Irwindale, CA	Time Analyzed:	03:13
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50111-062096	Lab Sample ID:	L3496-9

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.13	
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.13	
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/25/96
	Irwindale, CA	Time Analyzed:	03:54
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50112-062096	Lab Sample ID:	L3496-10

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	3.3	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	2.3	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	1.9	
156-59-4	cis-1,2-Dichloroethene	6.1	
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	3.7	
71-55-6	1,1,1-Trichloroethane	0.33	
56-23-5	Carbon tetrachloride	0.47	
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	1.5	
79-01-6	Trichloroethene	53	D
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	11	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

D = Dilution factor = 5 (analyzed 06/26/96).
U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/25/96
	Irwindale, CA	Time Analyzed:	03:54
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50112-062096	Lab Sample ID:	L3496-10

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.39	
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/25/96
	Irwindale, CA	Time Analyzed:	06:39
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50113-062096	Lab Sample ID:	L3496-11

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.79	
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.62	
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.84	
156-59-4	cis-1,2-Dichloroethene	5.1	
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.56	
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	12	
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	5.0	
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	06/20/96
Project Name:	Baldwin Park OU	Date Received:	06/21/96
Project Address:	MW5-01	Date Analyzed:	06/25/96
	Irwindale, CA	Time Analyzed:	06:39
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	BP-GW-MW50113-062096	Lab Sample ID:	L3496-11

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.35	
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.71	
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.46	
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	N/A
Project Name:	Baldwin Park OU	Date Received:	N/A
Project Address:	MW5-01	Date Analyzed:	06/24/96
	Irwindale, CA	Time Analyzed:	15:34
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	06/24 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.17	U
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	N/A
Project Name:	Baldwin Park OU	Date Received:	N/A
Project Address:	MW5-01	Date Analyzed:	06/24/96
	Irwindale, CA	Time Analyzed:	15:34
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	06/24 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	N/A
Project Name:	Baldwin Park OU	Date Received:	N/A
Project Address:	MW5-01	Date Analyzed:	06/25/96
	Irwindale, CA	Time Analyzed:	22:17
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount:	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	06/25 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	0.40	U
74-87-3	Chloromethane	0.37	U
75-01-4	Vinyl chloride	0.20	U
74-83-9	Bromomethane	0.27	U
75-00-3	Chloroethane	0.24	U
75-69-4	Trichlorofluoromethane	0.32	U
75-35-4	1,1-Dichloroethene	0.21	U
75-09-2	Methylene chloride	0.45	B
156-60-5	trans-1,2-Dichloroethene	0.17	U
75-34-3	1,1-Dichloroethane	0.19	U
156-59-4	cis-1,2-Dichloroethene	0.17	U
590-20-7	2,2-Dichloropropane	0.19	U
74-97-5	Bromochloromethane	0.19	U
67-66-3	Chloroform	0.24	U
71-55-6	1,1,1-Trichloroethane	0.26	U
56-23-5	Carbon tetrachloride	0.28	U
563-58-6	1,1-Dichloropropene	0.48	U
107-06-2	1,2-Dichloroethane	0.22	U
79-01-6	Trichloroethene	0.21	U
78-87-5	1,2-Dichloropropane	0.24	U
74-95-3	Dibromomethane	0.17	U
75-27-4	Bromodichloromethane	0.28	U
110-75-8	2-Chloroethyl vinyl ether	0.48	U
10061-01-5	cis-1,3-Dichloropropene	0.38	U
10061-02-6	trans-1,3-Dichloropropene	0.36	U
79-00-5	1,1,2-Trichloroethane	0.27	U
127-18-4	Tetrachloroethene	0.29	U
142-28-9	1,3-Dichloropropane	0.26	U
124-48-1	Dibromochloromethane	0.24	U
106-93-4	1,2-Dibromoethane	0.23	U
108-90-7	Chlorobenzene	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U
75-25-2	Bromoform	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
96-18-4	1,2,3-Trichloropropane	0.41	U
95-49-8	2-Chlorotoluene	0.18	U
106-43-4	4-Chlorotoluene	0.40	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Data Sheet

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650	Client P.N.:	2581-112-T4-SAMP
	Irvine, CA 92715	Date Sampled:	N/A
Project Name:	Baldwin Park OU	Date Received:	N/A
Project Address:	MW5-01	Date Analyzed:	06/25/96
	Irwindale, CA	Time Analyzed:	22:17
Matrix:	Liquid	Dilution Factor:	1.0
Sample Amount.	5 ml	GC ID:	OC
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID		
Client Sample ID:	Method Blank	Lab Sample ID:	06/25 Method Blank

CAS NO.	COMPOUND	CONC. (µg/L)	Q
541-73-1	1,3-Dichlorobenzene	0.18	U
106-46-7	1,4-Dichlorobenzene	0.27	U
95-50-1	1,2-Dichlorobenzene	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	0.47	U
120-82-1	1,2,4-Trichlorobenzene	0.32	U
87-68-3	Hexachlorobutadiene	0.35	U
87-61-6	1,2,3-Trichlorobenzene	0.42	U
71-43-2	Benzene	0.090	U
108-88-3	Toluene	0.13	U
100-41-4	Ethylbenzene	0.16	U
106-42-3/108-38-3	p,m-Xylenes	0.35	U
95-47-6	o-Xylene	0.11	U
100-42-5	Styrene	0.11	U
98-82-8	Isopropylbenzene	0.090	U
108-86-1	Bromobenzene	0.13	U
103-65-1	Propylbenzene	0.56	U
108-67-8	1,3,5-Trimethylbenzene	0.11	U
98-06-6	tert-Butylbenzene	0.15	U
95-63-6	1,2,4-Trimethylbenzene	0.11	U
135-98-8	sec-Butylbenzene	0.11	U
99-87-6	4-Isopropyltoluene	0.18	U
104-51-8	n-Butylbenzene	0.11	U
91-20-3	Naphthalene	0.37	U
75-15-0	Carbon disulfide	0.17	U
1634-04-4	MTBE	0.15	U

U = Compound analyzed for but not detected.
B = Analyte detected in the associated method blank.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/24/96-06/25/96
Project Name:	Baldwin Park OU		
Project Address:	MW5-01 Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	100	97	101
CCV	96	94	95
CCV	109	113	104
Method Blank	105	103	105
L3496-1	107	108	103
L3496-2	100	107	103
L3496-3	106	106	106
L3496-4	100	103	104
L3496-5	102	107	104
L3496-6	106	102	101
L3496-7	102	109	98
L3496-8	99	98	100
L3496-9	99	110	105
L3496-10	106	111	109
L3496-11	96	103	104
LCS	95	91	99
MS	96	95	99
MSD	97	93	94
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Surrogate Recovery

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/25/96-06/26/96
Project Name:	Baldwin Park OU		
Project Address:	MW5-01 Irwindale, CA		
Matrix:	Liquid		
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	GC ID:	OC

LAB SAMPLE NUMBER	% REC S 1 #	% REC S 2 #	% REC S 3 #
CCV	110	101	102
CCV	115	99	113
Method Blank	111	107	104
L3496-4 DIL	101	109	94
L3496-5 DIL	104	104	98
L3496-6 DIL	105	104	101
L3496-8 DIL	102	106	95
L3496-9 DIL	104	118	97
L3496-10 DIL	107	116	103
LCS	109	110	102
MS	104	93	100
MSD	107	97	102
QC Limits:	75-125	75-125	75-125

S 1 = 2-Chloropropane
S 2 = 1,4-Dichlorobutane
S 3 = aaa-Trifluorotoluene

Column used to flag recovery values with an asterisk.

* Value outside of QC limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/25/96
Project Name:	Baldwin Park OU		
Project Address:	MW5-01 Irwindale, CA		
Matrix:	Liquid		
Client Sample:	BP-GW-MW50113-062096	Lab Sample ID:	L3496-11

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC. #	QC LIMITS REC.
Benzene	10.0	0	9.96	100	74-121
Toluene	10.0	0	9.99	100	72-121
Ethylbenzene	10.0	0.35	10.2	99	72-117
o-Xylene	10.0	0	10.2	102	66-124
1,1-Dichloroethane	10.0	0.84	11.2	104	73-121
1,1,1-Trichloroethane	10.0	0	10.6	106	72-126
cis-1,3-Dichloropropene	10.0	0	10.4	104	58-124
Chlorobenzene	10.0	0	10.1	101	52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzene	10.0	9.87	99	1	0-10	74-121
Toluene	10.0	9.64	96	4	0-16	72-121
Ethylbenzene	10.0	9.87	95	4	0-14	72-117
o-Xylene	10.0	9.81	98	4	0-14	66-124
1,1-Dichloroethane	10.0	10.8	100	4	0-18	73-121
1,1,1-Trichloroethane	10.0	9.67	97	9	0-15	72-126
cis-1,3-Dichloropropene	10.0	9.39	94	10	0-22	58-124
Chlorobenzene	10.0	9.60	96	5	0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Matrix Spike/Matrix Spike Duplicate Recovery

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/26/96
Project Name:	Baldwin Park OU		
Project Address:	MW5-01 Irwindale, CA		
Matrix:	Liquid		
Client Sample:	BP-GW-MW50504-062196	Lab Sample ID:	L3500-5

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONC. (µg/L)	MS CONC. (µg/L)	MS % REC.	#	QC LIMITS REC.
Benzene	10.0	0	10.0	100		74-121
Toluene	10.0	0	9.96	100		72-121
Ethylbenzene	10.0	0	10.1	101		72-117
o-Xylene	10.0	0	10.1	101		66-124
1,1-Dichloroethane	10.0	0	10.3	103		73-121
1,1,1-Trichloroethane	10.0	0	10.5	105		72-126
cis-1,3-Dichloropropene	10.0	0	10.8	108		58-124
Chlorobenzene	10.0	0	9.78	98		52-131

COMPOUND	SPIKE ADDED (µg/L)	MSD CONC. (µg/L)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Benzene	10.0	9.98	100		0		0-10	74-121
Toluene	10.0	9.97	100		0		0-16	72-121
Ethylbenzene	10.0	10.2	102		1		0-14	72-117
o-Xylene	10.0	10.3	103		2		0-14	66-124
1,1-Dichloroethane	10.0	11.0	110		7		0-18	73-121
1,1,1-Trichloroethane	10.0	10.6	106		1		0-15	72-126
cis-1,3-Dichloropropene	10.0	10.7	107		1		0-22	58-124
Chlorobenzene	10.0	9.99	100		2		0-42	52-131

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

RPD: 0 out of 8 outside limits.
Spike Recovery: 0 out of 16 outside limits.

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/25/96
Project Name:	Baldwin Park OU		
Project Address:	MW5-01 Irwindale, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC.	#	QC LIMITS REC.
Benzene	10.0	9.88	99		75-125
Toluene	10.0	9.82	98		75-125
Ethylbenzene	10.0	9.93	99		75-125
o-Xylene	10.0	10.1	101		75-125
1,1-Dichloroethane	10.0	9.63	96		75-125
1,1,1-Trichloroethane	10.0	9.54	95		75-125
cis-1,3-Dichloropropene	10.0	9.90	99		75-125
Chlorobenzene	10.0	9.14	91		75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Laboratory Control Sample Recovery

Lab:	Thermo Analytical	Report Date:	07/15/96
Client:	CDM, Inc.	Lab P.N.:	L3496
Client Address:	18881 Von Karman, Suite 650 Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
		Date Analyzed:	06/26/96
Project Name:	Baldwin Park OU		
Project Address:	MW5-01 Irwindale, CA		

Matrix: Liquid
LCS Source: Ultra Scientific
Lab Sample ID: LCS

COMPOUND	SPIKE ADDED (µg/L)	LCS CONC. (µg/L)	LCS % REC.	#	QC LIMITS REC.
Benzene	10.0	10.5	105		75-125
Toluene	10.0	10.4	104		75-125
Ethylbenzene	10.0	10.5	105		75-125
o-Xylene	10.0	10.7	107		75-125
1,1-Dichloroethane	10.0	11.9	119		75-125
1,1,1-Trichloroethane	10.0	11.4	114		75-125
cis-1,3-Dichloropropene	10.0	11.6	116		75-125
Chlorobenzene	10.0	11.0	110		75-125

Column to be used to flag recovery and RPD values with an asterisk.

* Value outside of QC limits.

Spike Recovery: 0 out of 8 outside limits.

Comments:

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/15/96
		Lab P.N.:	L3496
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/24/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	37722	8	40636	8
Chloromethane	52050	4	47361	9
Vinyl chloride	59052	7	62735	6
Bromomethane	35078	5	36070	3
Chloroethane	63185	7	64336	2
Trichlorofluoromethane	91240	5	94649	4
1,1-Dichloroethene	91191	4	92365	1
Methylene chloride	115237	9	109403	5
trans-1,2-Dichloroethene	97236	3	98129	1
1,1-Dichloroethane	97861	4	99965	2
cis-1,2-Dichloroethene	101237	4	102907	2
2,2-Dichloropropane	88460	3	93210	5
Bromochloromethane	70732	3	70578	0
Chloroform	128303	3	126079	2
1,1,1-Trichloroethane	115648	2	117742	2
Carbon tetrachloride	128227	4	130482	2
1,1-Dichloropropene	44523	6	44524	0
1,2-Dichloroethane	94459	2	93607	1
Trichloroethene	121853	6	114230	6
1,2-Dichloropropane	88599	4	88775	0
Dibromomethane	44506	7	45940	3
Bromodichloromethane	93143	8	95010	2
2-Chloroethyl vinyl ether	44523	6	44524	0
cis-1,3-Dichloropropene	78985	4	82189	4
trans-1,3-Dichloropropene	73566	3	75324	2
1,1,2-Trichloroethane	95914	5	98623	3
Tetrachloroethene	114229	6	117371	3
1,3-Dichloropropane	76826	5	77829	1
Dibromochloromethane	59339	8	61560	4
1,2-Dibromoethane	37616	8	39423	5
Chlorobenzene	49785	4	52449	5
1,1,1,2-Tetrachloroethane	107720	5	108658	1
Bromoform	39709	12	41375	4
1,1,2,2-Tetrachloroethane	64513	9	73080	13
1,2,3-Trichloropropane	56707	7	60512	7
2-Chlorotoluene	38319	4	39088	2
4-Chlorotoluene	39800	5	42578	7
1,3-Dichlorobenzene	62270	4	63792	2
1,4-Dichlorobenzene	68877	4	70362	2
1,2-Dichlorobenzene	64068	5	65172	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/15/96
		Lab P.N.:	L3496
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/24/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	17536	14	18802	7
1,2,4-Trichlorobenzene	72825	4	74004	2
Hexachlorobutadiene	104086	5	103448	1
1,2,3-Trichlorobenzene	74668	4	75122	1
Benzene	15675	3	16100	3
Toluene	14580	2	14748	1
Ethylbenzene	13121	3	13561	3
p,m-Xylenes	15164	3	15165	0
o-Xylene	12876	4	13434	4
Styrene	16832	2	17389	3
Isopropylbenzene	9826	2	10204	4
Bromobenzene	28137	6	29230	4
Propylbenzene	12666	1	13515	7
1,3,5-Trimethylbenzene	18075	2	18455	2
tert-Butylbenzene	10603	5	10489	1
1,2,4-Trimethylbenzene	13708	2	13976	2
sec-Butylbenzene	10858	3	11157	3
4-Isopropyltoluene	10377	2	10640	3
n-Butylbenzene	11498	2	11820	3
Naphthalene	12006	4	12050	0
Carbon disulfide	2003	10	1758	12
MTBE	7990	3	7289	9

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/15/96
		Lab P.N.:	L3496
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/24/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	37722	8	37865	0
Chloromethane	52050	4	38908	25*
Vinyl chloride	59052	7	57967	2
Bromomethane	35078	5	34842	1
Chloroethane	63185	7	59264	6
Trichlorofluoromethane	91240	5	89010	2
1,1-Dichloroethene	91191	4	87123	4
Methylene chloride	115237	9	103834	10
trans-1,2-Dichloroethene	97236	3	92671	5
1,1-Dichloroethane	97861	4	93597	4
cis-1,2-Dichloroethene	101237	4	94935	6
2,2-Dichloropropane	88460	3	80283	9
Bromochloromethane	70732	3	66185	6
Chloroform	128303	3	121023	6
1,1,1-Trichloroethane	115648	2	115602	0
Carbon tetrachloride	128227	4	127450	1
1,1-Dichloropropene	44523	6	43646	2
1,2-Dichloroethane	94459	2	88674	6
Trichloroethene	121853	6	112813	7
1,2-Dichloropropane	88599	4	86311	3
Dibromomethane	44506	7	45159	1
Bromodichloromethane	93143	8	95713	3
2-Chloroethyl vinyl ether	44523	6	43646	2
cis-1,3-Dichloropropene	78985	4	77313	2
trans-1,3-Dichloropropene	73566	3	71159	3
1,1,2-Trichloroethane	95914	5	93231	3
Tetrachloroethene	114229	6	113549	1
1,3-Dichloropropane	76826	5	74967	2
Dibromochloromethane	59339	8	60932	3
1,2-Dibromoethane	37616	8	39536	5
Chlorobenzene	49785	4	46246	7
1,1,1,2-Tetrachloroethane	107720	5	106153	1
Bromoform	39709	12	41194	4
1,1,2,2-Tetrachloroethane	64513	9	70193	9
1,2,3-Trichloropropane	56707	7	57815	2
2-Chlorotoluene	38319	4	38245	0
4-Chlorotoluene	39800	5	40450	2
1,3-Dichlorobenzene	62270	4	60886	2
1,4-Dichlorobenzene	68877	4	67679	2
1,2-Dichlorobenzene	64068	5	62866	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/15/96
		Lab P.N.:	L3496
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/24/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	17536	14	19548	11
1,2,4-Trichlorobenzene	72825	4	69677	4
Hexachlorobutadiene	104086	5	97483	6
1,2,3-Trichlorobenzene	74668	4	72782	3
Benzene	15675	3	15010	4
Toluene	14580	2	13787	5
Ethylbenzene	13121	3	12642	4
p,m-Xylenes	15164	3	14615	4
o-Xylene	12876	4	12530	3
Styrene	16832	2	15964	5
Isopropylbenzene	9826	2	9436	4
Bromobenzene	28137	6	29082	3
Propylbenzene	12666	1	12569	1
1,3,5-Trimethylbenzene	18075	2	17013	6
tert-Butylbenzene	10603	5	9641	9
1,2,4-Trimethylbenzene	13708	2	12839	6
sec-Butylbenzene	10858	3	10458	4
4-Isopropyltoluene	10377	2	9623	7
n-Butylbenzene	11498	2	10597	8
Naphthalene	12006	4	10931	9
Carbon disulfide	2003	10	1662	17*
MTBE	7990	3	7150	11

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/15/96
		Lab P.N.:	L3496
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/25/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane	37722	8	38767	3
Chloromethane	52050	4	40889	21*
Vinyl chloride	59052	7	61359	4
Bromomethane	35078	5	34915	0
Chloroethane	63185	7	62155	2
Trichlorofluoromethane	91240	5	93549	3
1,1-Dichloroethene	91191	4	92760	2
Methylene chloride	115237	9	113058	2
trans-1,2-Dichloroethene	97236	3	99095	2
1,1-Dichloroethane	97861	4	99515	2
cis-1,2-Dichloroethene	101237	4	101749	1
2,2-Dichloropropane	88460	3	89262	1
Bromochloromethane	70732	3	72086	2
Chloroform	128303	3	129288	1
1,1,1-Trichloroethane	115648	2	117191	1
Carbon tetrachloride	128227	4	130560	2
1,1-Dichloropropene	44523	6	45904	3
1,2-Dichloroethane	94459	2	95349	1
Trichloroethene	121853	6	122739	1
1,2-Dichloropropane	88599	4	90496	2
Dibromomethane	44506	7	48209	8
Bromodichloromethane	93143	8	92934	0
2-Chloroethyl vinyl ether	44523	6	45904	3
cis-1,3-Dichloropropene	78985	4	82629	5
trans-1,3-Dichloropropene	73566	3	76986	5
1,1,2-Trichloroethane	95914	5	99081	3
Tetrachloroethene	114229	6	115908	1
1,3-Dichloropropane	76826	5	79135	3
Dibromochloromethane	59339	8	63745	7
1,2-Dibromoethane	37616	8	41405	10
Chlorobenzene	49785	4	47697	4
1,1,1,2-Tetrachloroethane	107720	5	110742	3
Bromoform	39709	12	42924	8
1,1,2,2-Tetrachloroethane	64513	9	67382	4
1,2,3-Trichloropropane	56707	7	59912	6
2-Chlorotoluene	38319	4	39567	3
4-Chlorotoluene	39800	5	41196	4
1,3-Dichlorobenzene	62270	4	64590	4
1,4-Dichlorobenzene	68877	4	68696	0
1,2-Dichlorobenzene	64068	5	65349	2

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/15/96
		Lab P.N.:	L3496
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/25/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane	17536	14	19650	12
1,2,4-Trichlorobenzene	72825	4	73878	1
Hexachlorobutadiene	104086	5	101950	2
1,2,3-Trichlorobenzene	74668	4	71888	4
Benzene	15675	3	15214	3
Toluene	14580	2	13908	5
Ethylbenzene	13121	3	12797	2
p,m-Xylenes	15164	3	14828	2
o-Xylene	12876	4	12676	2
Styrene	16832	2	16412	2
Isopropylbenzene	9826	2	9574	3
Bromobenzene	28137	6	29607	5
Propylbenzene	12666	1	12973	2
1,3,5-Trimethylbenzene	18075	2	17367	4
tert-Butylbenzene	10603	5	9854	7
1,2,4-Trimethylbenzene	13708	2	13076	5
sec-Butylbenzene	10858	3	10307	5
4-Isopropyltoluene	10377	2	10102	3
n-Butylbenzene	11498	2	11010	4
Naphthalene	12006	4	11557	4
Carbon disulfide	2003	10	1645	18*
MTBE	7990	3	7110	11

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/15/96
		Lab P.N.:	L3496
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/25/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane				
Chloromethane				
Vinyl chloride				
Bromomethane				
Chloroethane				
Trichlorofluoromethane				
1,1-Dichloroethene				
Methylene chloride				
trans-1,2-Dichloroethene				
1,1-Dichloroethane				
cis-1,2-Dichloroethene				
2,2-Dichloropropane				
Bromochloromethane				
Chloroform				
1,1,1-Trichloroethane				
Carbon tetrachloride				
1,1-Dichloropropene				
1,2-Dichloroethane				
Trichloroethene	121853	6	125598	3
1,2-Dichloropropane				
Dibromomethane				
Bromodichloromethane				
2-Chloroethyl vinyl ether				
cis-1,3-Dichloropropene				
trans-1,3-Dichloropropene				
1,1,2-Trichloroethane				
Tetrachloroethene				
1,3-Dichloropropane				
Dibromochloromethane				
1,2-Dibromoethane				
Chlorobenzene				
1,1,1,2-Tetrachloroethane				
Bromoform				
1,1,2,2-Tetrachloroethane				
1,2,3-Trichloropropane				
2-Chlorotoluene				
4-Chlorotoluene				
1,3-Dichlorobenzene				
1,4-Dichlorobenzene				
1,2-Dichlorobenzene				

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/15/96
		Lab P.N.:	L3496
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/25/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane				
1,2,4-Trichlorobenzene				
Hexachlorobutadiene				
1,2,3-Trichlorobenzene				
Benzene				
Toluene				
Ethylbenzene				
p,m-Xylenes				
o-Xylene				
Styrene				
Isopropylbenzene				
Bromobenzene				
Propylbenzene				
1,3,5-Trimethylbenzene				
tert-Butylbenzene				
1,2,4-Trimethylbenzene				
sec-Butylbenzene				
4-Isopropyltoluene				
n-Butylbenzene				
Naphthalene				
Carbon disulfide				
MTBE				

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/15/96
		Lab P.N.:	L3496
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/26/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
Dichlorodifluoromethane				
Chloromethane				
Vinyl chloride				
Bromomethane				
Chloroethane				
Trichlorofluoromethane				
1,1-Dichloroethene				
Methylene chloride				
trans-1,2-Dichloroethene				
1,1-Dichloroethane				
cis-1,2-Dichloroethene				
2,2-Dichloropropane				
Bromochloromethane				
Chloroform				
1,1,1-Trichloroethane				
Carbon tetrachloride				
1,1-Dichloropropene				
1,2-Dichloroethane				
Trichloroethene	121853	6	140190	15
1,2-Dichloropropane				
Dibromomethane				
Bromodichloromethane				
2-Chloroethyl vinyl ether				
cis-1,3-Dichloropropene				
trans-1,3-Dichloropropene				
1,1,2-Trichloroethane				
Tetrachloroethene				
1,3-Dichloropropane				
Dibromochloromethane				
1,2-Dibromoethane				
Chlorobenzene				
1,1,1,2-Tetrachloroethane				
Bromoform				
1,1,2,2-Tetrachloroethane				
1,2,3-Trichloropropane				
2-Chlorotoluene				
4-Chlorotoluene				
1,3-Dichlorobenzene				
1,4-Dichlorobenzene				
1,2-Dichlorobenzene				

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

TMA
Thermo Analytical

EPA 8021 Initial and Continuing Calibrations

Lab:	Thermo Analytical	Report Date:	07/15/96
		Lab P.N.:	L3496
GC Column 1:	J&W DB-VRX, 75m, 0.45mm ID	Client P.N.:	2581-112-T4-SAMP
Instrument ID:	OC	Initial Calibration Date:	06/20/96
		Daily Calibration Date:	06/26/96

COMPOUND	INITIAL RF (ave)	%RSD (a)	DAILY RF	% DIFF (b) w/RF ave
1,2-Dibromo-3-chloropropane				
1,2,4-Trichlorobenzene				
Hexachlorobutadiene				
1,2,3-Trichlorobenzene				
Benzene				
Toluene				
Ethylbenzene				
p,m-Xylenes				
o-Xylene				
Styrene				
Isopropylbenzene				
Bromobenzene				
Propylbenzene				
1,3,5-Trimethylbenzene				
tert-Butylbenzene				
1,2,4-Trimethylbenzene				
sec-Butylbenzene				
4-Isopropyltoluene				
n-Butylbenzene				
Naphthalene				
Carbon disulfide				
MTBE				

(a) Control limits = 0 - 20 %
(b) Control limits = 0 - 15 %

* Value outside of control limits

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Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274
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LABORATORY REPORT

Client:	CDM, Inc.	Report Date:	7/10/96
Client Address:	18881 Von Karman, Suite 750 Irvine, CA 92715	Lab P.N.:	L3496
		Client P.N.:	2581-112-T4-SAMP
		Lab Cert. #:	1155
Contact:	Suzanne Rowe		
Project Name:	Baldwin Park OU	Date Sampled:	6/20/96
Project Address:	MW5-01 Irwindale, CA	Date Received:	6/21/96
		Date Analyzed:	6/21/96
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Nitrate-N (EPA 300.0)	M	95	97	80-120	2	0-20
Nitrate-N (EPA 300.0)	L	94	94	80-120	0	0-20
Nitrite-N (EPA 300.0)	M	95	96	80-120	1	0-20
Nitrite-N (EPA 300.0)	L	97	100	80-120	3	0-20

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	CDM, Inc.	Report Date:	7/10/96
Client Address:	18881 Von Karman, Suite 750	Lab P.N.:	L3496
	Irvine, CA 92715	Client P.N.:	2581-112-T4-SAMP
Project Name:	Baldwin Park OU	Date Sampled:	6/20/96
Project Address:	MW5-01	Date Analyzed:	6/21/96
	Irwindale, CA	Physical State:	Liquid

Client Sample ID	Nitrite-N EPA 300.0 mg/l	Nitrate-N EPA 300.0 mg/l
BP-GW-MW50105-062096	ND	0.50
BP-GW-MW50106-062096	ND	2.2
BP-GW-MW50107-062096	ND	2.4
BP-GW-MW50108-062096	ND	4.8
BP-GW-MW50109-062096	ND	5.9
BP-GW-MW50109K-062096	ND	5.9
BP-GW-MW50109N-062096	ND	ND
BP-GW-MW50110-062096	ND	5.6
BP-GW-MW50111-062096	3.7	6.1
BP-GW-MW50112-062096	0.26	8.4
BP-GW-MW50113-062096	ND	ND
Method Blank	ND	ND
Quantitation Limits mg/l	0.25	0.25

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

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CHAIN-OF-CUSTODY RECORD

3272

Client: CDM

Date: June 20, 1996

Project Name / #: Baldwin Park OU 2581-112-T4-SAMP

Project Address: MWS-01, Irwindale CA

P.O.#:

Quote #:

Project Contact (please print): Suzanne Rowe / B. Wells

State where samples were collected:

Page 1 of 2

Lab Use Only
Lab Job # L3496
C.O. #
C.O. #
C.O. #
C.O. #
Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☒ no

Analysis Requested All analyses and deliverables must be identified

Sample Identification	Date Collected	Time Collected	Grab	Comp.	Lab Sample Number	Physical State: Solid (S), Liquid (L), Vapor (V)	Preservation: Iced (I), Filtered (F), Preservative (P)	EPA 8021 - VOCs	EPA 300.0 - NO3, NO2						Total Number of Containers	Remarks	Temp of Sample Upon Receipt (if requested)
BP-GW-MW50105-062096	6/20/96	1055	X		L3496-1	L	IP	X	X						4	3-40ml VOAs w/HCl, 1-100ml poly	ESI
BP-GW-MW50106-062096	↓	1225	X		-2	L	IP	X	X						4	↓ ↓	
BP-GW-MW50107-062096	↓	1345	X		-3	L	IP	X	X						4	↓ ↓	
BP-GW-MW50108-062096	↓	1445	X		-4	L	IP	X	X						4	↓ ↓	
BP-GW-MW50109-062096	↓	1600	X		-5	L	IP	X	X						3	2-40ml VOAs w/HCl, 1-100ml poly	
BP-GW-MW50109K-062096	↓	1545	X		-6	L	IP	X	X					BW	3	↓ ↓	
BP-GW-MW50109N-062096	↓	1550	X		-7	L	IP	X	X						4 3	3-40ml VOAs w/HCl, 1-100ml poly	
BP-GW-MW50110-062096	↓	1640	X		-8	L	IP	X	X						4	↓ ↓	
BP-GW-MW50111-062096	↓	1730	X		-9	L	IP	X	X						4	↓ ↓	
BP-GW-MW50112-062096	↓	1805	X		-10	L	IP	X	X						4	↓ ↓	
															38	Total Number of Containers	

Method of Shipment

Turnaround Time Requested (TAT) (please circle): Normal Rush
(Rush TAT is subject to TMA approval and surcharge)

Date Results are Needed:

Rush Results requested by (please circle): Phone Fax

Phone #:

Fax #:

Data Package Options (please circle if requested)

QC Summary: CLP-Like

Type I, Type II, Type III, Type IV, Type V, Type VI, Type VII, Other

Site Specific QC Required?: YES NO
(if yes, indicate QC sample and submit triplicate volume)

SDG Complete?: YES NO

❶ Relinquished by (signature)* Barbara Wells	❷ Received by (signature)	Date
Company CDM	Company	Time
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature) Jeff Freeman	Date 6/21/96
Company	Laboratory Name TMA	Time 0615

Special Instructions

*See Terms And Conditions on reverse **before** signing

☐ 300 Second Avenue, Waltham, MA 02254
(617) 890-7200, Fax (617) 890-3883

☐ 603 South Main Street, New Ellenton, SC 29809
(803) 652-3324, Fax (803) 652-7995

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CHAIN-OF-CUSTODY RECORD

3271

Client CDM

Date June 20, 1996

Page 2 of 2

Project Name / # Baldwin Park OU 2581-112-T4-SAMP

Project Address MW5-01

Irwindale, CA

P.O.#

Quote #

Project Contact (please print) Suzanne Rowe / B. Wells

State where samples were collected:

Analysis Requested All analyses and deliverables must be identified

Lab Use Only
Lab Job # L3496
C.O. #
C.O. #
C.O. #
C.O. #
Sample Condition Upon Receipt:
Chilled ☑ yes ☐ no
Sealed ☐ yes ☑ no

Sample Identification	Date Collected	Time Collected	Grab	Comp.	Lab Sample Number	Physical State: Solid (S), Liquid (L), Vapor (V)	Preservation: Iced (I), Filtered (F), Preservative (P)	EPA 8021 - VOCs	EPA 300.0 - NO3, NO2					Total Number of Containers	Remarks	Temp of Sample Upon Receipt (if requested)
BP-GW-MW50113-062096	6/20/96	1840	X		L3496-11	L	IP	X	X					3	2-40ml VOAs w/HCl, 1-100ml poly	

Turnaround Time Requested (TAT) (please circle): Normal Rush
(Rush TAT is subject to TMA approval and surcharge)

Date Results are Needed:

Rush Results requested by (please circle): Phone Fax

Phone #:

Fax #:

Data Package Options (please circle if requested)

QC Summary CLP-Like

Type I Type V
Type II Type VI
Type III Type VII
Type IV Other

Site Specific QC Required?: YES NO
(if yes, indicate QC sample and submit triplicate volume)

SDG Complete?: YES NO

3 / 41 TOTAL Total Number of Containers

Method of Shipment

❶ Relinquished by (signature)* Barbara Fickle	❷ Received by (signature)	Date
Company CDM	Company	Time
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature) Deb Freeman	Date 6/21/96
Company	Laboratory Name TMA	Time 0615

Special Instructions

*See Terms And Conditions on reverse **before** signing

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