SEVERN TRENT SERVICES

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705-4808

Tel: 714 258 8610
Fax: 714 258 0921
www.stl-inc.com

December 19, 2000

STL LOT NUMBER: **E0L040202**
PO/CONTRACT: 004034.00

Rus Purcell
Kennedy/Jenks Consultants
2151 Michelson Drive
Suite 100
Irvine, CA 92612

Dear Mr. Purcell,

This report contains the analytical results for the five samples received under chain of custody by STL Los Angeles on December 4, 2000. These samples are associated with your Torrance Harbor Gateway (C-6) project.

All applicable quality control procedures met method-specified acceptance criteria except as noted on the following page. Matrix related anomalies are footnoted within the report.

This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me at 714-258-8610.

Sincerely,

Diane Suzuki
Project Manager

cc: Project File

SEVERN TRENT SERVICES

LOT NUMBER E0L040202

Nonconformance E01213

Affected Samples:
3: Build-1-A-4-120100-2

Affected Methods:
8015B

Case Narrative:
Closing diesel and RT marker standards out high.

Corrective Action:
Sample was analyzed twice. The associated MB and LCS were within acceptable criteria.. The second analysis is reported.

STL Committed To Your Success

SEVERN TRENT LABORATORIES

No. 203088

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Kennedy / Jenks Consultants	PROJECT NAME/NUMBER: 004034.00
SEND REPORT TO: Jay Knight	BILLING INFORMATION
ADDRESS: 2151 Michelson Dr. Ste. 100	BILL TO: Boeing Realty Corp.
Irvine CA. 92612	ADDRESS:
PHONE: 949-261-1577	PHONE:
FAX:	FAX: PO NO.:

LAB JOB NO.:

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	8260 B / VOCs	8015 C / TPH	6000/7000 Metals						REMARKS/PRECAUTIONS
	Build-1-E-10-112600-1	11-28-00	1300	Soil	2½ Brass	None	1	X		X						
	Build-1-A-4-112900-1	11-29-00	—	"	"	"	1	X	X	X						
	Build-1-A-4-120100-2	12-01-00	—	"	"	"	1	X	X	X						
	Build-1-D-3-120400-1	12-04-00	—	"	"	"	1	X	X							
	Build-20-5-17-120400-1	12-04-00	—	"	"	"	1	X								

SAMPLER: SHIPMENT METHOD: AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☒ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER

1. RELINQUISHED BY: Shane Scrimshire	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE:	12/4/00	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Kennedy / Jenks	TIME 1650	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	12/04/00	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Andy Bei - STL	TIME 1630	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES
1721 South Grand Avenue
Santa Ar[illegible] 92705
Phone: (714) 258-8610 / Fax: (714) 258-0921

000003

BOE-C6-0166277

STL – LOS ANGELES
PROJECT RECEIPT CHECKLIST

Date: 12/07/00

Quantims Lot #: ~~STL~~ 070202

Quote #:

Client Name: Kennedy/Jenks

Project: Boeing

Received by: AB

Date/Time Received: 12/07/00 @ 1630

Delivered by : ☒ Client ☐ Airborne ☐ Fed Ex ☐ DHL ☐ Ultra-Ex ☐ Rey B. ☐ UPS ☐ DES ☐ Other

		Initial / Date
Custody Seal Status:	☐ Intact ☐ Broken ☒ None	AB 12/07/00
Custody Seal #(s):	☐ No Seal #	
Sample Container(s):	☐ STL-LA ☒ Client ☐ N/A	
Temperature(s) (COOLER/BLANK) in °C:	6.0 (CORRECTED TEMP)	
Thermometer Used :	☒ IR (Infra-red) ☐ Digital (Probe)	
Samples:	☒ Intact ☐ Broken ☐ Other	
Anomalies:	☒ No ☐ Yes (See Clouseau)	
Labeled by		
Labeling checked by		

Turn Around Time: ☐ RUSH–24HR ☐ RUSH–48HR ☐ RUSH–72HR ☒ NORMAL

Short-Hold Notification: ☐ Ph ☐ Wet Chem ☐ Metals (Filter/Pres) ☐ Encore ☒ N/A

Outside Analysis(es) (Test/Lab/Date Sent Out) :

LEAVE NO BLANK SPACES ; USE N/A

Fraction	1-5										PH
VOAh											N/A
Sleeve	1										—

h: HCl na: Sodium Hydroxide zna: Zinc Acetate/Sodium Hydroxide s: H_2SO_4 n: HNO_3 nf: HNO_3-Field filtered nfl: HNO_3-Lab filtered

CGJ: Clear Glass Jar CGB: Clear Glass Bottle AGJ: Amber Glass Jar AGB: Amber Glass Bottle PB: Poly Bottle E: Encore Sampler V: VOA

* Number of VOA's w/ Headspace present

LOGGED BY/DATE: AB @ 12/07/00 REVIEWED BY/DATE:

QA/QC Attention Procedures Control Form

000004

BOE-C6-0166278

EXECUTIVE SUMMARY - Detection Highlights

E0L040202

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Build-1-E-10-112800-1 11/28/00 13:00 001				
Aluminum	14900	20.0	mg/kg	SW846 6010B
Arsenic	4.9	1.0	mg/kg	SW846 6010B
Barium	74.1	2.0	mg/kg	SW846 6010B
Chromium	23.6	1.0	mg/kg	SW846 6010B
Beryllium	0.31 B	0.50	mg/kg	SW846 6010B
Lead	15.2	0.50	mg/kg	SW846 6010B
Selenium	0.50	0.50	mg/kg	SW846 6010B
Cobalt	7.4	5.0	mg/kg	SW846 6010B
Copper	16.9	2.5	mg/kg	SW846 6010B
Molybdenum	0.75 B	4.0	mg/kg	SW846 6010B
Nickel	11.8	4.0	mg/kg	SW846 6010B
Thallium	1.5	1.0	mg/kg	SW846 6010B
Vanadium	46.5	5.0	mg/kg	SW846 6010B
Zinc	49.7	2.0	mg/kg	SW846 6010B
Xylenes (total)	13	5.0	ug/kg	SW846 8260B
Build-1-A-4-112900-1 11/29/00 13:00 002				
Mercury	0.044 B	0.10	mg/kg	SW846 7471A
Aluminum	30400	20.0	mg/kg	SW846 6010B
Arsenic	3.8	1.0	mg/kg	SW846 6010B
Barium	139	2.0	mg/kg	SW846 6010B
Cadmium	0.32 B	0.50	mg/kg	SW846 6010B
Chromium	29.3	1.0	mg/kg	SW846 6010B
Beryllium	0.81	0.50	mg/kg	SW846 6010B
Lead	2.6	0.50	mg/kg	SW846 6010B
Cobalt	12.4	5.0	mg/kg	SW846 6010B
Copper	33.9	2.5	mg/kg	SW846 6010B
Molybdenum	0.57 B	4.0	mg/kg	SW846 6010B
Nickel	21.9	4.0	mg/kg	SW846 6010B
Thallium	2.3	1.0	mg/kg	SW846 6010B
Vanadium	70.9	5.0	mg/kg	SW846 6010B
Zinc	83.6	2.0	mg/kg	SW846 6010B
Acetone	4300	120	ug/kg	SW846 8260B
2-Butanone	250	120	ug/kg	SW846 8260B
Xylenes (total)	80	25	ug/kg	SW846 8260B
Build-1-A-4-120100-2 12/01/00 13:00 003				
C8-C9	250	20	mg/kg	SW846 8015B
Total Carbon Chain Range	260	20	mg/kg	SW846 8015B
C6-C8	75	10	mg/kg	SW846 8015B
Mercury	0.031 B	0.10	mg/kg	SW846 7471A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0L040202

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Build-1-A-4-120100-2 12/01/00 13:00 003				
Aluminum	26500	20.0	mg/kg	SW846 6010B
Arsenic	3.1	1.0	mg/kg	SW846 6010B
Barium	149	2.0	mg/kg	SW846 6010B
Cadmium	0.24 B	0.50	mg/kg	SW846 6010B
Chromium	26.0	1.0	mg/kg	SW846 6010B
Beryllium	0.77	0.50	mg/kg	SW846 6010B
Lead	2.9	0.50	mg/kg	SW846 6010B
Selenium	0.64	0.50	mg/kg	SW846 6010B
Cobalt	13.7	5.0	mg/kg	SW846 6010B
Copper	35.6	2.5	mg/kg	SW846 6010B
Molybdenum	0.94 B	4.0	mg/kg	SW846 6010B
Nickel	18.0	4.0	mg/kg	SW846 6010B
Thallium	1.9	1.0	mg/kg	SW846 6010B
Vanadium	54.0	5.0	mg/kg	SW846 6010B
Zinc	81.8	2.0	mg/kg	SW846 6010B
Acetone	1600 J	2500	ug/kg	SW846 8260B
2-Butanone	3500 B	2500	ug/kg	SW846 8260B
1,1,1-Trichloroethane	270 J	500	ug/kg	SW846 8260B
Toluene	5200	500	ug/kg	SW846 8260B
Ethylbenzene	32000	500	ug/kg	SW846 8260B
Xylenes (total)	740000 D	500	ug/kg	SW846 8260B
Isopropylbenzene	1800	500	ug/kg	SW846 8260B
n-Propylbenzene	780	500	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	810	500	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	910	500	ug/kg	SW846 8260B
Build-1-D-3-120400-1 12/01/00 13:00 004				
C20-C23	1400	500	mg/kg	SW846 8015B
C24-C27	3200	500	mg/kg	SW846 8015B
C28-C31	2900	500	mg/kg	SW846 8015B
C32-C35	1400	500	mg/kg	SW846 8015B
Total Carbon Chain Range	9400	500	mg/kg	SW846 8015B
Trichloroethene	36	5.0	ug/kg	SW846 8260B
Ethylbenzene	2.3 J	5.0	ug/kg	SW846 8260B
Xylenes (total)	13	5.0	ug/kg	SW846 8260B
Build-20-5-17-120400-1 12/01/00 13:00 005				
Acetone	31	25	ug/kg	SW846 8260B
Toluene	3.8 J	5.0	ug/kg	SW846 8260B
Ethylbenzene	9.7	5.0	ug/kg	SW846 8260B
Xylenes (total)	86	5.0	ug/kg	SW846 8260B

METHODS SUMMARY

E0L040202

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015B	SANA AUTO-SHAKE
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Volatile Organics by GC/MS	SW846 8260B	SW846 5030
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5030

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

E0L040202

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
DQR29	001	Build-1-E-10-112800-1	11/28/00	13:00
DQR3D	002	Build-1-A-4-112900-1	11/29/00	13:00
DQR3F	003	Build-1-A-4-120100-2	12/01/00	13:00
DQR3G	004	Build-1-D-3-120400-1	12/01/00	13:00
DQR3H	005	Build-20-5-17-120400-1	12/01/00	13:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-E-10-112800-1

GC/MS Volatiles

Lot-Sample #...: E0L040202-001 Work Order #...: DQR291AA Matrix.....: SOLID
Date Sampled...: 11/28/00 13:00 Date Received..: 12/04/00 16:30 MS Run #.....: 0347196
Prep Date.....: 12/11/00 Analysis Date..: 12/11/00
Prep Batch #...: 0347388 Analysis Time..: 13:01
Dilution Factor: 1
% Moisture.....: Analyst ID.....: 999998 Instrument ID..: MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-E-10-112800-1

GC/MS Volatiles

Lot-Sample #...: E0L040202-001 Work Order #...: DQR291AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	**13**	**5.0**	**ug/kg**	**3.0**
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	98	(60 - 140)
Toluene-d8	86	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-A-4-112900-1

GC Semivolatiles

Lot-Sample #...:	E0L040202-002	Work Order #...:	DQR3D1AC	Matrix.....:	SOLID
Date Sampled...:	11/29/00 13:00	Date Received..:	12/04/00 16:30	MS Run #.....:	0340227
Prep Date.....:	12/05/00	Analysis Date..:	12/13/00		
Prep Batch #...:	0340443	Analysis Time..:	06:09		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	356074	Instrument ID..:	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	82	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-A-4-112900-1

GC Volatiles

Lot-Sample #...:	E0L040202-002	Work Order #...:	DQR3D1AD	Matrix.....:	SOLID
Date Sampled...:	11/29/00 13:00	Date Received..:	12/04/00 16:30	MS Run #.....:	0349107
Prep Date.....:	12/11/00	Analysis Date..:	12/11/00		
Prep Batch #...:	0348513	Analysis Time..:	16:59		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G16
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	91	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-A-4-112900-1

GC/MS Volatiles

Lot-Sample #...:	E0L040202-002	Work Order #...:	DQR3D1AA	Matrix.....:	SOLID
Date Sampled...:	11/29/00 13:00	Date Received..:	12/04/00 16:30	MS Run #.....:	0347196
Prep Date.....:	12/11/00	Analysis Date..:	12/11/00		
Prep Batch #...:	0347388	Analysis Time..:	12:30		
Dilution Factor:	5				
% Moisture.....:		Analyst ID.....:	999998	Instrument ID..:	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	50	ug/kg	5.0
Chloromethane	ND	50	ug/kg	15
Vinyl chloride	ND	50	ug/kg	10
Bromomethane	ND	50	ug/kg	10
Chloroethane	ND	50	ug/kg	10
Trichlorofluoromethane	ND	50	ug/kg	10
Acrolein	ND	500	ug/kg	150
1,1-Dichloroethene	ND	25	ug/kg	10
Iodomethane	ND	50	ug/kg	25
Acetone	**4300**	**120**	**ug/kg**	**75**
Carbon disulfide	ND	25	ug/kg	10
Methylene chloride	ND	25	ug/kg	15
trans-1,2-Dichloroethene	ND	25	ug/kg	10
Acrylonitrile	ND	250	ug/kg	150
Methyl tert-butyl ether	ND	25	ug/kg	5.0
1,1-Dichloroethane	ND	25	ug/kg	5.0
Vinyl acetate	ND	50	ug/kg	25
2,2-Dichloropropane	ND	25	ug/kg	10
cis-1,2-Dichloroethene	ND	25	ug/kg	10
2-Butanone	**250**	**120**	**ug/kg**	**75**
Bromochloromethane	ND	25	ug/kg	5.0
Chloroform	ND	25	ug/kg	5.0
Tetrahydrofuran	ND	100	ug/kg	50
1,1,1-Trichloroethane	ND	25	ug/kg	5.0
1,1-Dichloropropene	ND	25	ug/kg	5.0
Carbon tetrachloride	ND	25	ug/kg	5.0
Benzene	ND	25	ug/kg	10
1,2-Dichloroethane	ND	25	ug/kg	5.0
Trichloroethene	ND	25	ug/kg	10
1,2-Dichloropropane	ND	25	ug/kg	5.0
Bromodichloromethane	ND	25	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	50	ug/kg	25
cis-1,3-Dichloropropene	ND	25	ug/kg	5.0
4-Methyl-2-pentanone	ND	120	ug/kg	50
Toluene	ND	25	ug/kg	10
trans-1,3-Dichloropropene	ND	25	ug/kg	15
1,1,2-Trichloroethane	ND	25	ug/kg	15

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-A-4-112900-1

GC/MS Volatiles

Lot-Sample #...: E0L040202-002 Work Order #...: DQR3D1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	25	ug/kg	10
2-Hexanone	ND	120	ug/kg	50
Dibromochloromethane	ND	25	ug/kg	25
1,2-Dibromoethane	ND	25	ug/kg	15
Chlorobenzene	ND	25	ug/kg	10
Ethylbenzene	ND	25	ug/kg	10
Xylenes (total)	**80**	**25**	**ug/kg**	**15**
Styrene	ND	50	ug/kg	10
Bromoform	ND	25	ug/kg	15
Isopropylbenzene	ND	25	ug/kg	10
p-Isopropyltoluene	ND	25	ug/kg	10
Bromobenzene	ND	25	ug/kg	10
1,1,1,2-Tetrachloroethane	ND	25	ug/kg	15
1,1,2,2-Tetrachloroethane	ND	25	ug/kg	15
1,2,3-Trichloropropane	ND	25	ug/kg	15
n-Propylbenzene	ND	25	ug/kg	10
2-Chlorotoluene	ND	25	ug/kg	10
4-Chlorotoluene	ND	25	ug/kg	10
1,3,5-Trimethylbenzene	ND	25	ug/kg	10
tert-Butylbenzene	ND	25	ug/kg	10
1,2,4-Trimethylbenzene	ND	25	ug/kg	10
sec-Butylbenzene	ND	25	ug/kg	10
1,3-Dichlorobenzene	ND	25	ug/kg	10
1,4-Dichlorobenzene	ND	25	ug/kg	10
1,2-Dichlorobenzene	ND	25	ug/kg	10
n-Butylbenzene	ND	25	ug/kg	10
1,2-Dibromo-3-chloro-propane	ND	50	ug/kg	15
1,2,4-Trichloro-benzene	ND	25	ug/kg	10
Hexachlorobutadiene	ND	25	ug/kg	10
1,2,3-Trichlorobenzene	ND	25	ug/kg	10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	73	(70 - 130)
1,2-Dichloroethane-d4	90	(60 - 140)
Toluene-d8	84	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-A-4-120100-2

GC Semivolatiles

Lot-Sample #...:	E0L040202-003	Work Order #...:	DQR3F1AD	Matrix.....:	SOLID
Date Sampled...:	12/01/00 13:00	Date Received..:	12/04/00 16:30	MS Run #.....:	0340227
Prep Date.....:	12/05/00	Analysis Date..:	12/13/00		
Prep Batch #...:	0340443	Analysis Time..:	18:40		
Dilution Factor:	2				
% Moisture.....:		Analyst ID.....:	356074	Instrument ID..:	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	**250**	**20**	**mg/kg**	**10**
C10-C11	ND	20	mg/kg	10
C12-C13	ND	20	mg/kg	10
C14-C15	ND	20	mg/kg	10
C16-C17	ND	20	mg/kg	10
C18-C19	ND	20	mg/kg	10
C20-C23	ND	20	mg/kg	10
C24-C27	ND	20	mg/kg	10
C28-C31	ND	20	mg/kg	10
C32-C35	ND	20	mg/kg	10
C36-C39	ND	20	mg/kg	10
C40+	ND	20	mg/kg	10
Total Carbon Chain Range	**260**	**20**	**mg/kg**	**10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	92	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-A-4-120100-2

GC Volatiles

Lot-Sample #...:	E0L040202-003	Work Order #...:	DQR3F1AE	Matrix.....:	SOLID
Date Sampled...:	12/01/00 13:00	Date Received..:	12/04/00 16:30	MS Run #.....:	
Prep Date.....:	12/11/00	Analysis Date..:	12/11/00		
Prep Batch #...:	0348510	Analysis Time..:	14:06		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G16
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	75	10	mg/kg	6.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	123	(60 - 130)

NOTE(S):

The gasoline pattern appears degraded.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-A-4-120100-2

GC/MS Volatiles

Lot-Sample #...: E0L040202-003 Work Order #...: DQR3F1AC Matrix.....: SOLID
Date Sampled...: 12/01/00 13:00 Date Received..: 12/04/00 16:30 MS Run #.....: 0348124
Prep Date.....: 12/12/00 Analysis Date..: 12/13/00
Prep Batch #...: 0348256 Analysis Time..: 02:28
Dilution Factor: 2
% Moisture.....: Analyst ID.....: 999998 Instrument ID..: MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	1000	ug/kg	340
Chloromethane	ND	1000	ug/kg	400
Vinyl chloride	ND	1000	ug/kg	300
Bromomethane	ND	1000	ug/kg	500
Chloroethane	ND	1000	ug/kg	500
Trichlorofluoromethane	ND	1000	ug/kg	140
Acrolein	ND	10000	ug/kg	4000
1,1-Dichloroethene	ND	500	ug/kg	240
Iodomethane	ND	1000	ug/kg	500
Acetone	**1600 J**	**2500**	**ug/kg**	**800**
Carbon disulfide	ND	500	ug/kg	200
Methylene chloride	ND	500	ug/kg	100
trans-1,2-Dichloroethene	ND	500	ug/kg	240
Acrylonitrile	ND	5000	ug/kg	4000
Methyl tert-butyl ether	ND	500	ug/kg	200
1,1-Dichloroethane	ND	500	ug/kg	200
Vinyl acetate	ND	1000	ug/kg	500
2,2-Dichloropropane	ND	500	ug/kg	120
cis-1,2-Dichloroethene	ND	500	ug/kg	200
2-Butanone	**3500 B**	**2500**	**ug/kg**	**1000**
Bromochloromethane	ND	500	ug/kg	150
Chloroform	ND	500	ug/kg	140
Tetrahydrofuran	ND	2000	ug/kg	1000
1,1,1-Trichloroethane	**270 J**	**500**	**ug/kg**	**140**
1,1-Dichloropropene	ND	500	ug/kg	200
Carbon tetrachloride	ND	500	ug/kg	120
Benzene	ND	500	ug/kg	200
1,2-Dichloroethane	ND	500	ug/kg	140
Trichloroethene	ND	500	ug/kg	120
1,2-Dichloropropane	ND	500	ug/kg	200
Bromodichloromethane	ND	500	ug/kg	200
2-Chloroethyl vinyl ether	ND	1000	ug/kg	500
cis-1,3-Dichloropropene	ND	500	ug/kg	200
4-Methyl-2-pentanone	ND	2500	ug/kg	800
Toluene	**5200**	**500**	**ug/kg**	**120**
trans-1,3-Dichloropropene	ND	500	ug/kg	140
1,1,2-Trichloroethane	ND	500	ug/kg	200

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-A-4-120100-2

GC/MS Volatiles

Lot-Sample #...: E0L040202-003 Work Order #...: DQR3F1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	500	ug/kg	160
2-Hexanone	ND	2500	ug/kg	600
Dibromochloromethane	ND	500	ug/kg	200
1,2-Dibromoethane	ND	500	ug/kg	140
Chlorobenzene	ND	500	ug/kg	200
Ethylbenzene	**32000**	**500**	**ug/kg**	**140**
Xylenes (total)	**740000 D**	**500**	**ug/kg**	**340**
Styrene	ND	1000	ug/kg	200
Bromoform	ND	500	ug/kg	200
Isopropylbenzene	**1800**	**500**	**ug/kg**	**240**
p-Isopropyltoluene	ND	500	ug/kg	140
Bromobenzene	ND	500	ug/kg	140
1,1,1,2-Tetrachloroethane	ND	500	ug/kg	100
1,1,2,2-Tetrachloroethane	ND	500	ug/kg	200
1,2,3-Trichloropropane	ND	500	ug/kg	220
n-Propylbenzene	**780**	**500**	**ug/kg**	**220**
2-Chlorotoluene	ND	500	ug/kg	140
4-Chlorotoluene	ND	500	ug/kg	140
1,3,5-Trimethylbenzene	**810**	**500**	**ug/kg**	**240**
tert-Butylbenzene	ND	500	ug/kg	140
1,2,4-Trimethylbenzene	**910**	**500**	**ug/kg**	**140**
sec-Butylbenzene	ND	500	ug/kg	140
1,3-Dichlorobenzene	ND	500	ug/kg	140
1,4-Dichlorobenzene	ND	500	ug/kg	200
1,2-Dichlorobenzene	ND	500	ug/kg	200
n-Butylbenzene	ND	500	ug/kg	140
1,2-Dibromo-3-chloro-propane	ND	1000	ug/kg	300
1,2,4-Trichloro-benzene	ND	500	ug/kg	140
Hexachlorobutadiene	ND	500	ug/kg	140
1,2,3-Trichlorobenzene	ND	500	ug/kg	140

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(60 - 140)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	97	(60 - 140)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

D Result was obtained from the analysis of a dilution.

Total Xylenes taken fron run on 1215AD. data file D14096.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-D-3-120400-1

GC Semivolatiles

Lot-Sample #...:	E0L040202-004	Work Order #...:	DQR3G1AC	Matrix.....:	SOLID
Date Sampled...:	12/01/00 13:00	Date Received..:	12/04/00 16:30	MS Run #.....:	0340227
Prep Date.....:	12/05/00	Analysis Date..:	12/13/00		
Prep Batch #...:	0340443	Analysis Time..:	07:28		
Dilution Factor:	50				
% Moisture.....:		Analyst ID.....:	356074	Instrument ID..:	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	500	mg/kg	250
C10-C11	ND	500	mg/kg	250
C12-C13	ND	500	mg/kg	250
C14-C15	ND	500	mg/kg	250
C16-C17	ND	500	mg/kg	250
C18-C19	ND	500	mg/kg	250
C20-C23	**1400**	**500**	**mg/kg**	**250**
C24-C27	**3200**	**500**	**mg/kg**	**250**
C28-C31	**2900**	**500**	**mg/kg**	**250**
C32-C35	**1400**	**500**	**mg/kg**	**250**
C36-C39	ND	500	mg/kg	250
C40+	ND	500	mg/kg	250
Total Carbon Chain Range	**9400**	**500**	**mg/kg**	**250**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	0.0 SRD,*	(60 - 130)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

* Surrogate recovery is outside stated control limits.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-D-3-120400-1

GC Volatiles

Lot-Sample #...:	E0L040202-004	Work Order #...:	DQR3G1AD	Matrix.....:	SOLID
Date Sampled...:	12/01/00 13:00	Date Received..:	12/04/00 16:30	MS Run #.....:	0349107
Prep Date.....:	12/11/00	Analysis Date..:	12/11/00		
Prep Batch #...:	0348513	Analysis Time..:	17:27		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G16
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	94	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-D-3-120400-1

GC/MS Volatiles

Lot-Sample #...: E0L040202-004 Work Order #...: DQR3G1AA Matrix.....: SOLID
Date Sampled...: 12/01/00 13:00 Date Received..: 12/04/00 16:30 MS Run #.....: 0349284
Prep Date.....: 12/14/00 Analysis Date..: 12/14/00
Prep Batch #...: 0349294 Analysis Time..: 09:58
Dilution Factor: 1
% Moisture.....: Analyst ID.....: 999998 Instrument ID..: MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**36**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-D-3-120400-1

GC/MS Volatiles

Lot-Sample #...: E0L040202-004 Work Order #...: DQR3G1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	**2.3 J**	**5.0**	**ug/kg**	**2.0**
Xylenes (total)	**13**	**5.0**	**ug/kg**	**3.0**
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	109	(70 - 130)
1,2-Dichloroethane-d4	100	(60 - 140)
Toluene-d8	92	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-20-5-17-120400-1

GC/MS Volatiles

Lot-Sample #...:	E0L040202-005	Work Order #...:	DQR3H1AA	Matrix.....:	SOLID
Date Sampled...:	12/01/00 13:00	Date Received..:	12/04/00 16:30	MS Run #.....:	0347196
Prep Date.....:	12/11/00	Analysis Date..:	12/11/00		
Prep Batch #...:	0347388	Analysis Time..:	11:59		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	999998	Instrument ID..:	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	**31**	**25**	**ug/kg**	**15**
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	**3.8 J**	**5.0**	**ug/kg**	**2.0**
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-20-5-17-120400-1

GC/MS Volatiles

Lot-Sample #...: E0L040202-005 **Work Order #...:** DQR3H1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	**9.7**	**5.0**	**ug/kg**	**2.0**
Xylenes (total)	**86**	**5.0**	**ug/kg**	**3.0**
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	115	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
Toluene-d8	89	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-E-10-112800-1

TOTAL Metals

Lot-Sample #...: E0L040202-001 Matrix.....: SOLID
Date Sampled...: 11/28/00 13:00 Date Received..: 12/04/00 16:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0340389						
Aluminum	14900	20.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR291AC
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 8.0	
Arsenic	4.9	1.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR291AD
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR291AE
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.20	
Barium	74.1	2.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR291AF
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	12/05-12/06/00	DQR291AG
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.050	
Chromium	23.6	1.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR291AH
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.10	
Beryllium	0.31 B	0.50	mg/kg	SW846 6010B	12/05-12/06/00	DQR291AJ
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.050	
Lead	15.2	0.50	mg/kg	SW846 6010B	12/05-12/06/00	DQR291AK
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.30	
Selenium	0.50	0.50	mg/kg	SW846 6010B	12/05-12/06/00	DQR291AL
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-E-10-112800-1

TOTAL Metals

Lot-Sample #...: E0L040202-001 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR291AM
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.10	
Cobalt	7.4	5.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR291AN
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.10	
Copper	16.9	2.5	mg/kg	SW846 6010B	12/05-12/06/00	DQR291AP
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.40	
Molybdenum	0.75 B	4.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR291AQ
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.30	
Nickel	11.8	4.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR291AR
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.30	
Thallium	1.5	1.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR291AT
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.50	
Vanadium	46.5	5.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR291AU
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.10	
Zinc	49.7	2.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR291AV
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 1.0	
Prep Batch #...: 0340523						
Mercury	ND	0.10	mg/kg	SW846 7471A	12/06-12/07/00	DQR291AW
		Dilution Factor: 1		Analysis Time..: 15:24	Analyst ID.....: 0210889	
		Instrument ID..: M04		MS Run #.....: 0340271	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-A-4-112900-1

TOTAL Metals

Lot-Sample #...: E0L040202-002 Matrix.....: SOLID
Date Sampled...: 11/29/00 13:00 Date Received..: 12/04/00 16:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0340389						
Aluminum	30400	20.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3D1AE
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 8.0	
Arsenic	3.8	1.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3D1AF
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3D1AG
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.20	
Barium	139	2.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3D1AH
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.10	
Cadmium	0.32 B	0.50	mg/kg	SW846 6010B	12/05-12/06/00	DQR3D1AJ
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.050	
Chromium	29.3	1.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3D1AK
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.10	
Beryllium	0.81	0.50	mg/kg	SW846 6010B	12/05-12/06/00	DQR3D1AL
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.050	
Lead	2.6	0.50	mg/kg	SW846 6010B	12/05-12/06/00	DQR3D1AM
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	12/05-12/06/00	DQR3D1AN
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-A-4-112900-1

TOTAL Metals

Lot-Sample #...: E0L040202-002 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3D1AP
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.10	
Cobalt	12.4	5.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3D1AQ
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.10	
Copper	33.9	2.5	mg/kg	SW846 6010B	12/05-12/06/00	DQR3D1AR
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.40	
Molybdenum	0.57 B	4.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3D1AT
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.30	
Nickel	21.9	4.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3D1AU
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.30	
Thallium	2.3	1.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3D1AV
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.50	
Vanadium	70.9	5.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3D1AW
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.10	
Zinc	83.6	2.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3D1AX
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 1.0	
Prep Batch #...: 0340523						
Mercury	0.044 B	0.10	mg/kg	SW846 7471A	12/06-12/07/00	DQR3D1A0
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 0210889	
		Instrument ID..: M04		MS Run #.....: 0340271	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-A-4-120100-2

TOTAL Metals

Lot-Sample #...: E0L040202-003 Matrix.....: SOLID
Date Sampled...: 12/01/00 13:00 Date Received..: 12/04/00 16:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0340389						
Aluminum	26500	20.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3F1AF
		Dilution Factor: 1		Analysis Time..: 16:54	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 8.0	
Arsenic	3.1	1.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3F1AG
		Dilution Factor: 1		Analysis Time..: 16:54	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3F1AH
		Dilution Factor: 1		Analysis Time..: 16:54	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.20	
Barium	149	2.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3F1AJ
		Dilution Factor: 1		Analysis Time..: 16:54	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.10	
Cadmium	0.24 B	0.50	mg/kg	SW846 6010B	12/05-12/06/00	DQR3F1AK
		Dilution Factor: 1		Analysis Time..: 16:54	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.050	
Chromium	26.0	1.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3F1AL
		Dilution Factor: 1		Analysis Time..: 16:54	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.10	
Beryllium	0.77	0.50	mg/kg	SW846 6010B	12/05-12/06/00	DQR3F1AM
		Dilution Factor: 1		Analysis Time..: 16:54	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.050	
Lead	2.9	0.50	mg/kg	SW846 6010B	12/05-12/06/00	DQR3F1AN
		Dilution Factor: 1		Analysis Time..: 16:54	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.30	
Selenium	0.64	0.50	mg/kg	SW846 6010B	12/05-12/06/00	DQR3F1AP
		Dilution Factor: 1		Analysis Time..: 16:54	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-A-4-120100-2

TOTAL Metals

Lot-Sample #...: E0L040202-003 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3F1AQ
		Dilution Factor: 1		Analysis Time..: 16:54	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.10	
Cobalt	13.7	5.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3F1AR
		Dilution Factor: 1		Analysis Time..: 16:54	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.10	
Copper	35.6	2.5	mg/kg	SW846 6010B	12/05-12/06/00	DQR3F1AT
		Dilution Factor: 1		Analysis Time..: 16:54	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.40	
Molybdenum	0.94 B	4.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3F1AU
		Dilution Factor: 1		Analysis Time..: 16:54	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.30	
Nickel	18.0	4.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3F1AV
		Dilution Factor: 1		Analysis Time..: 16:54	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.30	
Thallium	1.9	1.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3F1AW
		Dilution Factor: 1		Analysis Time..: 16:54	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.50	
Vanadium	54.0	5.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3F1AX
		Dilution Factor: 1		Analysis Time..: 16:54	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 0.10	
Zinc	81.8	2.0	mg/kg	SW846 6010B	12/05-12/06/00	DQR3F1A0
		Dilution Factor: 1		Analysis Time..: 16:54	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 0340199	MDL.....: 1.0	
Prep Batch #...: 0340523						
Mercury	0.031 B	0.10	mg/kg	SW846 7471A	12/06-12/07/00	DQR3F1AA
		Dilution Factor: 1		Analysis Time..: 15:35	Analyst ID.....: 0210889	
		Instrument ID..: M04		MS Run #.....: 0340271	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

E0L040202

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 7471A		0340523	0340271
	SOLID	SW846 8260B		0347388	0347196
	SOLID	SW846 6010B		0340389	0340199
002	SOLID	SW846 8015B		0340443	0340227
	SOLID	SW846 8015B		0348513	0349107
	SOLID	SW846 7471A		0340523	0340271
	SOLID	SW846 8260B		0347388	0347196
	SOLID	SW846 6010B		0340389	0340199
003	SOLID	SW846 8015B		0340443	0340227
	SOLID	SW846 8015B		0348510	
	SOLID	SW846 7471A		0340523	0340271
	SOLID	SW846 8260B		0348256	0348124
	SOLID	SW846 6010B		0340389	0340199
004	SOLID	SW846 8015B		0340443	0340227
	SOLID	SW846 8015B		0348513	0349107
	SOLID	SW846 8260B		0349294	0349284
005	SOLID	SW846 8260B		0347388	0347196

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E0L040202
MB Lot-Sample #: E0L050000-443

Work Order #...: DQVX61AA

Matrix.....: SOLID

Prep Date.....: 12/05/00

Analysis Time..: 15:19

Analysis Date..: 12/07/00

Prep Batch #...: 0340443

Instrument ID..: G03

Dilution Factor: 1

Analyst ID.....: 356074

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C8-C9	ND	10	mg/kg	SW846 8015B
C10-C11	ND	10	mg/kg	SW846 8015B
C12-C13	ND	10	mg/kg	SW846 8015B
C14-C15	ND	10	mg/kg	SW846 8015B
C16-C17	ND	10	mg/kg	SW846 8015B
C18-C19	ND	10	mg/kg	SW846 8015B
C20-C23	ND	10	mg/kg	SW846 8015B
C24-C27	ND	10	mg/kg	SW846 8015B
C28-C31	ND	10	mg/kg	SW846 8015B
C32-C35	ND	10	mg/kg	SW846 8015B
C36-C39	ND	10	mg/kg	SW846 8015B
C40+	ND	10	mg/kg	SW846 8015B
Total Carbon Chain Range	ND	10	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	93	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0L040202
MB Lot-Sample #: E0L120000-388

Work Order #...: DQ9NN1AA

Matrix.....: SOLID

Prep Date.....: 12/11/00
Prep Batch #...: 0347388

Analysis Time..: 09:25
Instrument ID..: MSD

Analysis Date..: 12/11/00
Dilution Factor: 1

Analyst ID.....: 999998

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0L040202 Work Order #...: DQ9NN1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	86	(70 - 130)
1,2-Dichloroethane-d4	89	(60 - 140)
Toluene-d8	88	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0L040202
MB Lot-Sample #: E0L130000-256

Work Order #...: DRCDF1AA

Matrix.....: SOLID

Prep Date.....: 12/12/00
Prep Batch #...: 0348256

Analysis Time..: 22:42
Instrument ID..: MSD

Analysis Date..: 12/12/00
Dilution Factor: 1

Analyst ID.....: 015590

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	500	ug/kg	SW846 8260B
Chloromethane	ND	500	ug/kg	SW846 8260B
Vinyl chloride	ND	500	ug/kg	SW846 8260B
Bromomethane	ND	500	ug/kg	SW846 8260B
Chloroethane	ND	500	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	500	ug/kg	SW846 8260B
Acrolein	ND	5000	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
Iodomethane	ND	500	ug/kg	SW846 8260B
Acetone	ND	1200	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Methylene chloride	ND	250	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
Acrylonitrile	ND	2500	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
Vinyl acetate	ND	500	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
2-Butanone	**790 J**	**1200**	**ug/kg**	**SW846 8260B**
Bromochloromethane	ND	250	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Tetrahydrofuran	ND	1000	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	500	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	1200	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
2-Hexanone	ND	1200	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0L040202 Work Order #...: DRCDF1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dibromoethane	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B
Xylenes (total)	ND	250	ug/kg	SW846 8260B
Styrene	ND	500	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Isopropylbenzene	ND	250	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	250	ug/kg	SW846 8260B
Bromobenzene	ND	250	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	250	ug/kg	SW846 8260B
n-Propylbenzene	ND	250	ug/kg	SW846 8260B
2-Chlorotoluene	ND	250	ug/kg	SW846 8260B
4-Chlorotoluene	ND	250	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	250	ug/kg	SW846 8260B
tert-Butylbenzene	ND	250	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	250	ug/kg	SW846 8260B
sec-Butylbenzene	ND	250	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
n-Butylbenzene	ND	250	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	500	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	250	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	250	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	250	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	81	(60 - 140)
1,2-Dichloroethane-d4	84	(60 - 140)
Toluene-d8	81	(60 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E0L040202
MB Lot-Sample #: E0L130000-510

Work Order #...: DRDJ51AA

Matrix.....: SOLID

Prep Date.....: 12/11/00

Analysis Time..: 13:00

Analysis Date..: 12/11/00

Prep Batch #...: 0348510

Instrument ID..: G16

Dilution Factor: 1

Analyst ID.....: 001464

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C6-C8	ND	10	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	85	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E0L040202
MB Lot-Sample #: E0L130000-513

Analysis Date..: 12/11/00
Dilution Factor: 1

Work Order #...: DREAJ1AA

Prep Date.....: 12/11/00
Prep Batch #...: 0348513

Analyst ID.....: 001464

Matrix.....: SOLID

Analysis Time..: 16:01
Instrument ID..: G16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C6-C8	ND	1.0	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	87	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E0L040202
MB Lot-Sample #: E0L130000-513

Analysis Date..: 12/11/00
Dilution Factor: 1

Work Order #...: DREAJ1AD

Prep Date.....: 12/11/00
Prep Batch #...: 0348513

Analyst ID.....: 001464

Matrix.....: SOLID

Analysis Time..: 22:41
Instrument ID..: G16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C6-C8	ND	1.0	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	90	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0L040202
MB Lot-Sample #: E0L140000-294

Work Order #...: DREER1AA

Matrix.....: SOLID

Prep Date.....: 12/14/00
Prep Batch #...: 0349294

Analysis Time..: 08:56
Instrument ID..: MSD

Analysis Date..: 12/14/00
Dilution Factor: 1

Analyst ID.....: 015590

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0L040202 Work Order #...: DREER1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	86	(60 - 140)
Toluene-d8	92	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E0L040202 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: E0L050000-389 **Prep Batch #...:** 0340389						
Aluminum	ND	20.0	mg/kg	SW846 6010B	12/05-12/06/00	DQVPQ1AA
		Dilution Factor: 1				
		Analysis Time..: 13:36		Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	ND	1.0	mg/kg	SW846 6010B	12/05-12/06/00	DQVPQ1AC
		Dilution Factor: 1				
		Analysis Time..: 13:36		Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	ND	6.0	mg/kg	SW846 6010B	12/05-12/06/00	DQVPQ1AD
		Dilution Factor: 1				
		Analysis Time..: 13:36		Analyst ID.....: 003119	Instrument ID..: M01	
Barium	ND	2.0	mg/kg	SW846 6010B	12/05-12/06/00	DQVPQ1AE
		Dilution Factor: 1				
		Analysis Time..: 13:36		Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	ND	0.50	mg/kg	SW846 6010B	12/05-12/06/00	DQVPQ1AF
		Dilution Factor: 1				
		Analysis Time..: 13:36		Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	**0.13 B**	**1.0**	**mg/kg**	**SW846 6010B**	**12/05-12/06/00**	**DQVPQ1AG**
		Dilution Factor: 1				
		Analysis Time..: 13:36		Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	ND	0.50	mg/kg	SW846 6010B	12/05-12/06/00	DQVPQ1AH
		Dilution Factor: 1				
		Analysis Time..: 13:36		Analyst ID.....: 003119	Instrument ID..: M01	
Lead	ND	0.50	mg/kg	SW846 6010B	12/05-12/06/00	DQVPQ1AJ
		Dilution Factor: 1				
		Analysis Time..: 13:36		Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	ND	0.50	mg/kg	SW846 6010B	12/05-12/06/00	DQVPQ1AK
		Dilution Factor: 1				
		Analysis Time..: 13:36		Analyst ID.....: 003119	Instrument ID..: M01	
Silver	ND	1.0	mg/kg	SW846 6010B	12/05-12/06/00	DQVPQ1AL
		Dilution Factor: 1				
		Analysis Time..: 13:36		Analyst ID.....: 003119	Instrument ID..: M01	
Cobalt	ND	5.0	mg/kg	SW846 6010B	12/05-12/06/00	DQVPQ1AM
		Dilution Factor: 1				
		Analysis Time..: 13:36		Analyst ID.....: 003119	Instrument ID..: M01	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E0L040202 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	2.5	mg/kg	SW846 6010B	12/05-12/06/00	DQVPQ1AN
		Dilution Factor: 1				
		Analysis Time..: 13:36		Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	ND	4.0	mg/kg	SW846 6010B	12/05-12/06/00	DQVPQ1AP
		Dilution Factor: 1				
		Analysis Time..: 13:36		Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	ND	4.0	mg/kg	SW846 6010B	12/05-12/06/00	DQVPQ1AQ
		Dilution Factor: 1				
		Analysis Time..: 13:36		Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	ND	1.0	mg/kg	SW846 6010B	12/05-12/06/00	DQVPQ1AR
		Dilution Factor: 1				
		Analysis Time..: 13:36		Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	ND	5.0	mg/kg	SW846 6010B	12/05-12/06/00	DQVPQ1AT
		Dilution Factor: 1				
		Analysis Time..: 13:36		Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	ND	2.0	mg/kg	SW846 6010B	12/05-12/06/00	DQVPQ1AU
		Dilution Factor: 1				
		Analysis Time..: 13:36		Analyst ID.....: 003119	Instrument ID..: M01	

MB Lot-Sample #: E0L050000-523 Prep Batch #...: 0340523

Mercury	ND	0.10	mg/kg	SW846 7471A	12/06-12/07/00	DQV9Q1AA
		Dilution Factor: 1				
		Analysis Time..: 15:20		Analyst ID.....: 021088	Instrument ID..: M04	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E0L040202
LCS Lot-Sample#: E0L130000-510
Prep Date.....: 12/11/00
Prep Batch #...: 0348510
Dilution Factor: 1
Analyst ID.....: 001464

Work Order #...: DRDJ51AC-LCS
DRDJ51AD-LCSD
Analysis Date..: 12/11/00
Analysis Time..: 12:32
Instrument ID..: G16

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)	50.0	43.9	mg/kg	88		SW846 8015B
	50.0	42.7	mg/kg	85	2.6	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	98	(60 - 130)
	96	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E0L040202
LCS Lot-Sample#: E0L130000-510
Prep Date.....: 12/11/00
Prep Batch #...: 0348510
Dilution Factor: 1
Analyst ID.....: 001464

Work Order #...: DRDJ51AC-LCS
DRDJ51AD-LCSD
Analysis Date..: 12/11/00
Analysis Time..: 12:32
Instrument ID..: G16

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	88	(80 - 140)			SW846 8015B
	85	(80 - 140)	2.6	(0-40)	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	98	(60 - 130)
	96	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: E0L040202
LCS Lot-Sample#: E0L050000-443
Prep Date.....: 12/05/00
Prep Batch #...: 0340443
Dilution Factor: 1
Analyst ID.....: 356074

Work Order #...: DQVX61AC
Analysis Date..: 12/07/00
Analysis Time..: 15:58
Instrument ID..: G03

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	250	191	mg/kg	76	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	81	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E0L040202
LCS Lot-Sample#: E0L120000-388
Prep Date.....: 12/11/00
Prep Batch #...: 0347388
Dilution Factor: 1
Analyst ID.....: 999998

Work Order #...: DQ9NN1AC
Analysis Date..: 12/11/00
Analysis Time..: 08:54
Instrument ID..: MSD

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	50.0	49.4	ug/kg	99	SW846 8260B
Benzene	50.0	49.4	ug/kg	99	SW846 8260B
Trichloroethene	50.0	45.2	ug/kg	90	SW846 8260B
Toluene	50.0	48.2	ug/kg	96	SW846 8260B
Chlorobenzene	50.0	46.6	ug/kg	93	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	85	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	91	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E0L040202 Work Order #...: DRCDF1AC Matrix.....: SOLID
LCS Lot-Sample#: E0L130000-256
Prep Date.....: 12/12/00 Analysis Date..: 12/12/00
Prep Batch #...: 0348256 Analysis Time..: 21:40
Dilution Factor: 1 Instrument ID..: MSD
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	2500	2600	ug/kg	104	SW846 8260B
Benzene	2500	2490	ug/kg	100	SW846 8260B
Trichloroethene	2500	2470	ug/kg	99	SW846 8260B
Toluene	2500	2460	ug/kg	98	SW846 8260B
Chlorobenzene	2500	2450	ug/kg	98	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	93	(60 - 140)
1,2-Dichloroethane-d4	96	(60 - 140)
Toluene-d8	97	(60 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E0L040202
LCS Lot-Sample#: E0L130000-513
Prep Date.....: 12/11/00
Prep Batch #...: 0348513
Dilution Factor: 1
Analyst ID.....: 001464

Work Order #...: DREAJ1AC
Analysis Date..: 12/11/00
Analysis Time..: 15:32
Instrument ID..: G16

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	5.00	4.97	mg/kg	99	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	110	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E0L040202
LCS Lot-Sample#: E0L140000-294
Prep Date.....: 12/14/00
Prep Batch #...: 0349294
Dilution Factor: 1
Analyst ID.....: 015590

Work Order #...: DREER1AC
Analysis Date..: 12/14/00
Analysis Time..: 08:25
Instrument ID..: MSD

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	50.0	55.9	ug/kg	112	SW846 8260B
Benzene	50.0	52.0	ug/kg	104	SW846 8260B
Trichloroethene	50.0	53.1	ug/kg	106	SW846 8260B
Toluene	50.0	51.8	ug/kg	104	SW846 8260B
Chlorobenzene	50.0	52.3	ug/kg	105	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	101	(60 - 140)
Toluene-d8	96	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0L040202 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: E0L050000-389 **Prep Batch #...:** 0340389							
Aluminum	200	190	mg/kg	95	SW846 6010B	12/05-12/06/00	DQVPQ1AV
			Dilution Factor: 1				
			Analysis Time..: 13:42		Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	200	190	mg/kg	95	SW846 6010B	12/05-12/06/00	DQVPQ1AW
			Dilution Factor: 1				
			Analysis Time..: 13:42		Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	50.0	46.0	mg/kg	92	SW846 6010B	12/05-12/06/00	DQVPQ1AX
			Dilution Factor: 1				
			Analysis Time..: 13:42		Analyst ID.....: 003119	Instrument ID..: M01	
Barium	200	204	mg/kg	102	SW846 6010B	12/05-12/06/00	DQVPQ1A0
			Dilution Factor: 1				
			Analysis Time..: 13:42		Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	5.00	5.33	mg/kg	107	SW846 6010B	12/05-12/06/00	DQVPQ1A1
			Dilution Factor: 1				
			Analysis Time..: 13:42		Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	20.0	21.5	mg/kg	107	SW846 6010B	12/05-12/06/00	DQVPQ1A2
			Dilution Factor: 1				
			Analysis Time..: 13:42		Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	5.00	5.22	mg/kg	104	SW846 6010B	12/05-12/06/00	DQVPQ1A3
			Dilution Factor: 1				
			Analysis Time..: 13:42		Analyst ID.....: 003119	Instrument ID..: M01	
Lead	50.0	48.2	mg/kg	96	SW846 6010B	12/05-12/06/00	DQVPQ1A4
			Dilution Factor: 1				
			Analysis Time..: 13:42		Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	200	179	mg/kg	90	SW846 6010B	12/05-12/06/00	DQVPQ1A5
			Dilution Factor: 1				
			Analysis Time..: 13:42		Analyst ID.....: 003119	Instrument ID..: M01	
Silver	5.00	5.01	mg/kg	100	SW846 6010B	12/05-12/06/00	DQVPQ1A6
			Dilution Factor: 1				
			Analysis Time..: 13:42		Analyst ID.....: 003119	Instrument ID..: M01	

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0L040202 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	50.0	52.8	mg/kg	106	SW846 6010B	12/05-12/06/00	DQVPQ1A7
			Dilution Factor: 1				
			Analysis Time..: 13:42		Analyst ID.....: 003119	Instrument ID..: M01	
Copper	25.0	25.0	mg/kg	100	SW846 6010B	12/05-12/06/00	DQVPQ1A8
			Dilution Factor: 1				
			Analysis Time..: 13:42		Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	100	99.9	mg/kg	100	SW846 6010B	12/05-12/06/00	DQVPQ1A9
			Dilution Factor: 1				
			Analysis Time..: 13:42		Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	50.0	52.7	mg/kg	105	SW846 6010B	12/05-12/06/00	DQVPQ1CA
			Dilution Factor: 1				
			Analysis Time..: 13:42		Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	200	188	mg/kg	94	SW846 6010B	12/05-12/06/00	DQVPQ1CC
			Dilution Factor: 1				
			Analysis Time..: 13:42		Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	50.0	51.6	mg/kg	103	SW846 6010B	12/05-12/06/00	DQVPQ1CD
			Dilution Factor: 1				
			Analysis Time..: 13:42		Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	50.0	56.0	mg/kg	112	SW846 6010B	12/05-12/06/00	DQVPQ1CE
			Dilution Factor: 1				
			Analysis Time..: 13:42		Analyst ID.....: 003119	Instrument ID..: M01	

LCS Lot-Sample#: E0L050000-523 **Prep Batch #...:** 0340523

Mercury	0.833	0.805	mg/kg	97	SW846 7471A	12/06-12/07/00	DQV9Q1AC
			Dilution Factor: 1				
			Analysis Time..: 15:23		Analyst ID.....: 021088	Instrument ID..: M04	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: E0L040202 Work Order #...: DQVX61AC Matrix.....: SOLID
LCS Lot-Sample#: E0L050000-443
Prep Date.....: 12/05/00 Analysis Date..: 12/07/00
Prep Batch #...: 0340443 Analysis Time..: 15:58
Dilution Factor: 1 Instrument ID..: G03
Analyst ID.....: 356074

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	**76**	**(60 - 130)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	81	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E0L040202 Work Order #...: DQ9NN1AC Matrix.....: SOLID
LCS Lot-Sample#: E0L120000-388
Prep Date.....: 12/11/00 Analysis Date..: 12/11/00
Prep Batch #...: 0347388 Analysis Time..: 08:54
Dilution Factor: 1 Instrument ID..: MSD
Analyst ID.....: 999998

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	99	(60 - 150)	SW846 8260B
Benzene	99	(70 - 140)	SW846 8260B
Trichloroethene	90	(70 - 130)	SW846 8260B
Toluene	96	(70 - 130)	SW846 8260B
Chlorobenzene	93	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	85	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	91	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E0L040202 Work Order #...: DRCDF1AC Matrix.....: SOLID
LCS Lot-Sample#: E0L130000-256
Prep Date.....: 12/12/00 Analysis Date..: 12/12/00
Prep Batch #...: 0348256 Analysis Time..: 21:40
Dilution Factor: 1 Instrument ID..: MSD
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	104	(60 - 140)	SW846 8260B
Benzene	100	(60 - 130)	SW846 8260B
Trichloroethene	99	(60 - 140)	SW846 8260B
Toluene	98	(60 - 130)	SW846 8260B
Chlorobenzene	98	(60 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	93	(60 - 140)
1,2-Dichloroethane-d4	96	(60 - 140)
Toluene-d8	97	(60 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E0L040202 Work Order #...: DREAJ1AC Matrix.....: SOLID
LCS Lot-Sample#: E0L130000-513
Prep Date.....: 12/11/00 Analysis Date..: 12/11/00
Prep Batch #...: 0348513 Analysis Time..: 15:32
Dilution Factor: 1 Instrument ID..: G16
Analyst ID.....: 001464

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	**99**	**(80 - 140)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	110	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E0L040202 Work Order #...: DREER1AC Matrix.....: SOLID
LCS Lot-Sample#: E0L140000-294
Prep Date.....: 12/14/00 Analysis Date..: 12/14/00
Prep Batch #...: 0349294 Analysis Time..: 08:25
Dilution Factor: 1 Instrument ID..: MSD
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	112	(60 - 150)	SW846 8260B
Benzene	104	(70 - 140)	SW846 8260B
Trichloroethene	106	(70 - 130)	SW846 8260B
Toluene	104	(70 - 130)	SW846 8260B
Chlorobenzene	105	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	101	(60 - 140)
Toluene-d8	96	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0L040202 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: E0L050000-389 **Prep Batch #...:** 0340389					
Aluminum	95	(80 - 120)	SW846 6010B	12/05-12/06/00	DQVPQ1AV
		Dilution Factor: 1			
		Analysis Time..: 13:42	Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	95	(75 - 115)	SW846 6010B	12/05-12/06/00	DQVPQ1AW
		Dilution Factor: 1			
		Analysis Time..: 13:42	Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	92	(75 - 115)	SW846 6010B	12/05-12/06/00	DQVPQ1AX
		Dilution Factor: 1			
		Analysis Time..: 13:42	Analyst ID.....: 003119	Instrument ID..: M01	
Barium	102	(80 - 120)	SW846 6010B	12/05-12/06/00	DQVPQ1A0
		Dilution Factor: 1			
		Analysis Time..: 13:42	Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	107	(80 - 120)	SW846 6010B	12/05-12/06/00	DQVPQ1A1
		Dilution Factor: 1			
		Analysis Time..: 13:42	Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	107	(85 - 120)	SW846 6010B	12/05-12/06/00	DQVPQ1A2
		Dilution Factor: 1			
		Analysis Time..: 13:42	Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	104	(80 - 120)	SW846 6010B	12/05-12/06/00	DQVPQ1A3
		Dilution Factor: 1			
		Analysis Time..: 13:42	Analyst ID.....: 003119	Instrument ID..: M01	
Lead	96	(80 - 120)	SW846 6010B	12/05-12/06/00	DQVPQ1A4
		Dilution Factor: 1			
		Analysis Time..: 13:42	Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	90	(70 - 115)	SW846 6010B	12/05-12/06/00	DQVPQ1A5
		Dilution Factor: 1			
		Analysis Time..: 13:42	Analyst ID.....: 003119	Instrument ID..: M01	
Silver	100	(80 - 120)	SW846 6010B	12/05-12/06/00	DQVPQ1A6
		Dilution Factor: 1			
		Analysis Time..: 13:42	Analyst ID.....: 003119	Instrument ID..: M01	

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0L040202 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	106	(80 - 120)	SW846 6010B	12/05-12/06/00	DQVPQ1A7
		Dilution Factor: 1			
		Analysis Time..: 13:42	Analyst ID.....: 003119	Instrument ID..: M01	
Copper	100	(80 - 120)	SW846 6010B	12/05-12/06/00	DQVPQ1A8
		Dilution Factor: 1			
		Analysis Time..: 13:42	Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	100	(80 - 120)	SW846 6010B	12/05-12/06/00	DQVPQ1A9
		Dilution Factor: 1			
		Analysis Time..: 13:42	Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	105	(80 - 120)	SW846 6010B	12/05-12/06/00	DQVPQ1CA
		Dilution Factor: 1			
		Analysis Time..: 13:42	Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	94	(75 - 120)	SW846 6010B	12/05-12/06/00	DQVPQ1CC
		Dilution Factor: 1			
		Analysis Time..: 13:42	Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	103	(80 - 120)	SW846 6010B	12/05-12/06/00	DQVPQ1CD
		Dilution Factor: 1			
		Analysis Time..: 13:42	Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	112	(80 - 120)	SW846 6010B	12/05-12/06/00	DQVPQ1CE
		Dilution Factor: 1			
		Analysis Time..: 13:42	Analyst ID.....: 003119	Instrument ID..: M01	

LCS Lot-Sample#: E0L050000-523 **Prep Batch #...:** 0340523

Mercury	97	(85 - 115)	SW846 7471A	12/06-12/07/00	DQV9Q1AC
		Dilution Factor: 1			
		Analysis Time..: 15:23	Analyst ID.....: 021088	Instrument ID..: M04	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E0L040202
MS Lot-Sample #: E0K300305-009
Date Sampled...: 11/29/00 22:52
Prep Date.....: 12/12/00
Prep Batch #...: 0348256
Dilution Factor: 1
Instrument ID..: MSD

Work Order #...: DQMAF1A3-MS
DQMAF1A4-MSD
Date Received..: 11/30/00 16:40
Analysis Date..: 12/13/00
Analysis Time..: 01:27
% Moisture.....: 100

Matrix.....: SOLID
MS Run #.....: 0348124
Analyst ID.....: 015590

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	ND	2500	2160	ug/kg	86		SW846 8260B
	ND	2500	2520	ug/kg	101	15	SW846 8260B
Benzene	ND	2500	2220	ug/kg	89		SW846 8260B
	ND	2500	2450	ug/kg	98	10	SW846 8260B
Trichloroethene	ND	2500	2210	ug/kg	88		SW846 8260B
	ND	2500	2510	ug/kg	101	13	SW846 8260B
Toluene	ND	2500	2080	ug/kg	83		SW846 8260B
	ND	2500	2390	ug/kg	96	14	SW846 8260B
Chlorobenzene	ND	2500	2100	ug/kg	84		SW846 8260B
	ND	2500	2410	ug/kg	96	14	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	76	(60 - 140)
	87	(60 - 140)
1,2-Dichloroethane-d4	89	(60 - 140)
	97	(60 - 140)
Toluene-d8	84	(60 - 140)
	95	(60 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0L040202 **Matrix.....:** SOLID
Date Sampled...: 11/28/00 13:00 **Date Received..:** 12/04/00 16:30

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT		UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E0L040202-001 **Prep Batch #...:** 0340389										
Aluminum										
	14900	200	13000	NC	mg/kg			SW846 6010B	12/05-12/06/00	DQR291AX
	14900	200	14800	NC	mg/kg			SW846 6010B	12/05-12/06/00	DQR291A0
			Dilution Factor: 1							
			Analysis Time..: 16:14			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0340199							
Arsenic										
	4.9	200	187		mg/kg	91		SW846 6010B	12/05-12/06/00	DQR291A1
	4.9	200	191		mg/kg	93	2.1	SW846 6010B	12/05-12/06/00	DQR291A2
			Dilution Factor: 1							
			Analysis Time..: 16:14			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0340199							
Antimony										
	ND	50.0	20.7	N	mg/kg	41		SW846 6010B	12/05-12/06/00	DQR291A3
	ND	50.0	18.6	N	mg/kg	37	11	SW846 6010B	12/05-12/06/00	DQR291A4
			Dilution Factor: 1							
			Analysis Time..: 16:14			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0340199							
Barium										
	74.1	200	257		mg/kg	92		SW846 6010B	12/05-12/06/00	DQR291A5
	74.1	200	270		mg/kg	98	5.0	SW846 6010B	12/05-12/06/00	DQR291A6
			Dilution Factor: 1							
			Analysis Time..: 16:14			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0340199							
Cadmium										
	ND	5.00	4.98		mg/kg	100		SW846 6010B	12/05-12/06/00	DQR291A7
	ND	5.00	5.12		mg/kg	102	2.6	SW846 6010B	12/05-12/06/00	DQR291A8
			Dilution Factor: 1							
			Analysis Time..: 16:14			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0340199							
Chromium										
	23.6	20.0	43.0		mg/kg	97		SW846 6010B	12/05-12/06/00	DQR291A9
	23.6	20.0	49.0	N	mg/kg	127	13	SW846 6010B	12/05-12/06/00	DQR291CA
			Dilution Factor: 1							
			Analysis Time..: 16:14			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0340199							

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0L040202 **Matrix.....:** SOLID
Date Sampled...: 11/28/00 13:00 **Date Received..:** 12/04/00 16:30

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT		UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium										
	0.31	5.00	5.28		mg/kg	99		SW846 6010B	12/05-12/06/00	DQR291CC
	0.31	5.00	5.41		mg/kg	102	2.5	SW846 6010B	12/05-12/06/00	DQR291CD
				Dilution Factor: 1						
				Analysis Time..: 16:14		Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0340199						
Lead										
	15.2	50.0	96.7	N	mg/kg	163		SW846 6010B	12/05-12/06/00	DQR291CE
	15.2	50.0	59.9	*	mg/kg	89	47	SW846 6010B	12/05-12/06/00	DQR291CF
				Dilution Factor: 1						
				Analysis Time..: 16:14		Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0340199						
Selenium										
	0.50	200	172		mg/kg	86		SW846 6010B	12/05-12/06/00	DQR291CG
	0.50	200	175		mg/kg	87	1.6	SW846 6010B	12/05-12/06/00	DQR291CH
				Dilution Factor: 1						
				Analysis Time..: 16:14		Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0340199						
Silver										
	ND	5.00	4.59		mg/kg	92		SW846 6010B	12/05-12/06/00	DQR291CJ
	ND	5.00	4.72		mg/kg	94	2.8	SW846 6010B	12/05-12/06/00	DQR291CK
				Dilution Factor: 1						
				Analysis Time..: 16:14		Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0340199						
Cobalt										
	7.4	50.0	56.3		mg/kg	98		SW846 6010B	12/05-12/06/00	DQR291CL
	7.4	50.0	58.6		mg/kg	102	3.9	SW846 6010B	12/05-12/06/00	DQR291CM
				Dilution Factor: 1						
				Analysis Time..: 16:14		Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0340199						
Copper										
	16.9	25.0	42.7		mg/kg	103		SW846 6010B	12/05-12/06/00	DQR291CN
	16.9	25.0	42.7		mg/kg	103	0.03	SW846 6010B	12/05-12/06/00	DQR291CP
				Dilution Factor: 1						
				Analysis Time..: 16:14		Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0340199						
Molybdenum										
	0.75	100	95.4		mg/kg	95		SW846 6010B	12/05-12/06/00	DQR291CQ
	0.75	100	96.1		mg/kg	95	0.78	SW846 6010B	12/05-12/06/00	DQR291CR
				Dilution Factor: 1						
				Analysis Time..: 16:14		Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0340199						

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0L040202 **Matrix.....:** SOLID
Date Sampled...: 11/28/00 13:00 **Date Received..:** 12/04/00 16:30

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	11.8	50.0	60.6	mg/kg	98		SW846 6010B	12/05-12/06/00	DQR291CT
	11.8	50.0	62.6	mg/kg	102	3.2	SW846 6010B	12/05-12/06/00	DQR291CU
				Dilution Factor: 1					
				Analysis Time..: 16:14	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0340199					
Thallium									
	1.5	200	188	mg/kg	93		SW846 6010B	12/05-12/06/00	DQR291CV
	1.5	200	192	mg/kg	95	1.9	SW846 6010B	12/05-12/06/00	DQR291CW
				Dilution Factor: 1					
				Analysis Time..: 16:14	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0340199					
Vanadium									
	46.5	50.0	93.3	mg/kg	94		SW846 6010B	12/05-12/06/00	DQR291CX
	46.5	50.0	101	mg/kg	109	7.8	SW846 6010B	12/05-12/06/00	DQR291C0
				Dilution Factor: 1					
				Analysis Time..: 16:14	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0340199					
Zinc									
	49.7	50.0	96.4	mg/kg	93		SW846 6010B	12/05-12/06/00	DQR291C1
	49.7	50.0	96.2	mg/kg	93	0.12	SW846 6010B	12/05-12/06/00	DQR291C2
				Dilution Factor: 1					
				Analysis Time..: 16:14	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0340199					

MS Lot-Sample #: E0L040202-001 **Prep Batch #...:** 0340523

Mercury									
	ND	0.167	0.202 N	mg/kg	121		SW846 7471A	12/06-12/07/00	DQR291C3
	ND	0.167	0.182	mg/kg	109	10	SW846 7471A	12/06-12/07/00	DQR291C4
				Dilution Factor: 1					
				Analysis Time..: 15:26	Instrument ID..: M04			Analyst ID.....: 021088	
				MS Run #.....: 0340271					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...:	E0L040202	Work Order #...:	DQR291C8-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0L040202-001		DQR291C9-MSD		
Date Sampled...:	11/28/00 13:00	Date Received..:	12/04/00 16:30	MS Run #.....:	0347196
Prep Date.....:	12/11/00	Analysis Date..:	12/11/00		
Prep Batch #...:	0347388	Analysis Time..:	13:32		
Dilution Factor:	1	% Moisture.....:		Analyst ID.....:	999998
Instrument ID..:	MSD				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	ND	50.0	45.4	ug/kg	91		SW846 8260B
	ND	50.0	45.9	ug/kg	92	1.0	SW846 8260B
Benzene	ND	50.0	40.4	ug/kg	81		SW846 8260B
	ND	50.0	40.7	ug/kg	81	0.64	SW846 8260B
Trichloroethene	ND	50.0	50.9	ug/kg	102		SW846 8260B
	ND	50.0	49.7	ug/kg	99	2.4	SW846 8260B
Toluene	ND	50.0	41.2	ug/kg	82		SW846 8260B
	ND	50.0	40.1	ug/kg	80	2.7	SW846 8260B
Chlorobenzene	ND	50.0	42.0	ug/kg	84		SW846 8260B
	ND	50.0	42.1	ug/kg	84	0.21	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(70 - 130)
	87	(70 - 130)
1,2-Dichloroethane-d4	101	(60 - 140)
	99	(60 - 140)
Toluene-d8	88	(70 - 130)
	87	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...:	E0L040202	Work Order #...:	DQR3D1A1-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0L040202-002		DQR3D1A2-MSD		
Date Sampled...:	11/29/00 13:00	Date Received..:	12/04/00 16:30	MS Run #.....:	0349107
Prep Date.....:	12/11/00	Analysis Date..:	12/11/00		
Prep Batch #...:	0348513	Analysis Time..:	17:56		
Dilution Factor:	1	% Moisture.....:		Analyst ID.....:	001464
Instrument ID..:	G16				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)		5.00	5.15	mg/kg	103		SW846 8015B
		5.00	5.00	mg/kg	100	3.0	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	118	(60 - 130)
	117	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...:	E0L040202	Work Order #...:	DQR6M1A3-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0L040208-029		DQR6M1A4-MSD		
Date Sampled...:	12/04/00 13:43	Date Received..:	12/04/00 17:15	MS Run #.....:	0340227
Prep Date.....:	12/05/00	Analysis Date..:	12/07/00		
Prep Batch #...:	0340443	Analysis Time..:	17:16		
Dilution Factor:	1	% Moisture.....:	100	Analyst ID.....:	356074
Instrument ID..:	G03				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)		250	177	mg/kg	71		SW846 8015B
		250	176	mg/kg	70	0.72	SW846 8015B
Diesel Range Organics (C10-C25)		250	177	mg/kg	71		SW846 8015B
		250	176	mg/kg	70	0.72	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	81	(60 - 130)
	76	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	E0L040202	Work Order #...:	DQMAF1A3-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0K300305-009		DQMAF1A4-MSD		
Date Sampled...:	11/29/00 22:52	Date Received..:	11/30/00 16:40	MS Run #.....:	0348124
Prep Date.....:	12/12/00	Analysis Date..:	12/13/00		
Prep Batch #...:	0348256	Analysis Time..:	01:27		
Dilution Factor:	1	% Moisture.....:	100	Analyst ID.....:	015590
Instrument ID..:	MSD				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	86	(60 - 140)			SW846 8260B
	101	(60 - 140)	15	(0-35)	SW846 8260B
Benzene	89	(60 - 130)			SW846 8260B
	98	(60 - 130)	10	(0-35)	SW846 8260B
Trichloroethene	88	(60 - 140)			SW846 8260B
	101	(60 - 140)	13	(0-35)	SW846 8260B
Toluene	83	(60 - 130)			SW846 8260B
	96	(60 - 130)	14	(0-35)	SW846 8260B
Chlorobenzene	84	(60 - 130)			SW846 8260B
	96	(60 - 130)	14	(0-35)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	76	(60 - 140)
	87	(60 - 140)
1,2-Dichloroethane-d4	89	(60 - 140)
	97	(60 - 140)
Toluene-d8	84	(60 - 140)
	95	(60 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0L040202 **Matrix.....:** SOLID
Date Sampled...: 11/28/00 13:00 **Date Received..:** 12/04/00 16:30

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E0L040202-001 **Prep Batch #...:** 0340389							
Aluminum	NC	(80 - 120)			SW846 6010B	12/05-12/06/00	DQR291AX
	NC	(80 - 120)		(0-25)	SW846 6010B	12/05-12/06/00	DQR291A0
		Dilution Factor: 1					
		Analysis Time..: 16:14			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0340199					
Arsenic	91	(75 - 115)			SW846 6010B	12/05-12/06/00	DQR291A1
	93	(75 - 115)	2.1	(0-25)	SW846 6010B	12/05-12/06/00	DQR291A2
		Dilution Factor: 1					
		Analysis Time..: 16:14			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0340199					
Antimony	41 N	(75 - 115)			SW846 6010B	12/05-12/06/00	DQR291A3
	37 N	(75 - 115)	11	(0-25)	SW846 6010B	12/05-12/06/00	DQR291A4
		Dilution Factor: 1					
		Analysis Time..: 16:14			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0340199					
Barium	92	(80 - 120)			SW846 6010B	12/05-12/06/00	DQR291A5
	98	(80 - 120)	5.0	(0-25)	SW846 6010B	12/05-12/06/00	DQR291A6
		Dilution Factor: 1					
		Analysis Time..: 16:14			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0340199					
Cadmium	100	(80 - 120)			SW846 6010B	12/05-12/06/00	DQR291A7
	102	(80 - 120)	2.6	(0-25)	SW846 6010B	12/05-12/06/00	DQR291A8
		Dilution Factor: 1					
		Analysis Time..: 16:14			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0340199					
Chromium	97	(85 - 120)			SW846 6010B	12/05-12/06/00	DQR291A9
	127 N	(85 - 120)	13	(0-25)	SW846 6010B	12/05-12/06/00	DQR291CA
		Dilution Factor: 1					
		Analysis Time..: 16:14			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0340199					
Beryllium	99	(80 - 120)			SW846 6010B	12/05-12/06/00	DQR291CC
	102	(80 - 120)	2.5	(0-25)	SW846 6010B	12/05-12/06/00	DQR291CD
		Dilution Factor: 1					
		Analysis Time..: 16:14			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0340199					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0L040202 Matrix.....: SOLID
Date Sampled...: 11/28/00 13:00 Date Received..: 12/04/00 16:30

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	163 N	(80 - 120)			SW846 6010B	12/05-12/06/00	DQR291CE
	89 *	(80 - 120)	47	(0-25)	SW846 6010B	12/05-12/06/00	DQR291CF
		Dilution Factor: 1					
		Analysis Time..: 16:14			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0340199					
Selenium	86	(70 - 115)			SW846 6010B	12/05-12/06/00	DQR291CG
	87	(70 - 115)	1.6	(0-25)	SW846 6010B	12/05-12/06/00	DQR291CH
		Dilution Factor: 1					
		Analysis Time..: 16:14			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0340199					
Silver	92	(80 - 120)			SW846 6010B	12/05-12/06/00	DQR291CJ
	94	(80 - 120)	2.8	(0-25)	SW846 6010B	12/05-12/06/00	DQR291CK
		Dilution Factor: 1					
		Analysis Time..: 16:14			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0340199					
Cobalt	98	(80 - 120)			SW846 6010B	12/05-12/06/00	DQR291CL
	102	(80 - 120)	3.9	(0-25)	SW846 6010B	12/05-12/06/00	DQR291CM
		Dilution Factor: 1					
		Analysis Time..: 16:14			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0340199					
Copper	103	(80 - 120)			SW846 6010B	12/05-12/06/00	DQR291CN
	103	(80 - 120)	0.03	(0-25)	SW846 6010B	12/05-12/06/00	DQR291CP
		Dilution Factor: 1					
		Analysis Time..: 16:14			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0340199					
Molybdenum	95	(80 - 120)			SW846 6010B	12/05-12/06/00	DQR291CQ
	95	(80 - 120)	0.78	(0-25)	SW846 6010B	12/05-12/06/00	DQR291CR
		Dilution Factor: 1					
		Analysis Time..: 16:14			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0340199					
Nickel	98	(80 - 120)			SW846 6010B	12/05-12/06/00	DQR291CT
	102	(80 - 120)	3.2	(0-25)	SW846 6010B	12/05-12/06/00	DQR291CU
		Dilution Factor: 1					
		Analysis Time..: 16:14			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0340199					
Thallium	93	(75 - 120)			SW846 6010B	12/05-12/06/00	DQR291CV
	95	(75 - 120)	1.9	(0-25)	SW846 6010B	12/05-12/06/00	DQR291CW
		Dilution Factor: 1					
		Analysis Time..: 16:14			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0340199					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0L040202 Matrix.....: SOLID
Date Sampled...: 11/28/00 13:00 Date Received..: 12/04/00 16:30

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	94	(80 - 120)			SW846 6010B	12/05-12/06/00	DQR291CX
	109	(80 - 120)	7.8	(0-25)	SW846 6010B	12/05-12/06/00	DQR291C0

Dilution Factor: 1
Analysis Time..: 16:14 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 0340199

Zinc	93	(80 - 120)			SW846 6010B	12/05-12/06/00	DQR291C1
	93	(80 - 120)	0.12	(0-25)	SW846 6010B	12/05-12/06/00	DQR291C2

Dilution Factor: 1
Analysis Time..: 16:14 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 0340199

MS Lot-Sample #: E0L040202-001 Prep Batch #...: 0340523

Mercury	121 N	(80 - 120)			SW846 7471A	12/06-12/07/00	DQR291C3
	109	(80 - 120)	10	(0-20)	SW846 7471A	12/06-12/07/00	DQR291C4

Dilution Factor: 1
Analysis Time..: 15:26 Instrument ID..: M04 Analyst ID.....: 021088
MS Run #.....: 0340271

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E0L040202 Work Order #...: DQR291C8-MS Matrix.....: SOLID
MS Lot-Sample #: E0L040202-001 DQR291C9-MSD
Date Sampled...: 11/28/00 13:00 Date Received..: 12/04/00 16:30 MS Run #.....: 0347196
Prep Date.....: 12/11/00 Analysis Date..: 12/11/00
Prep Batch #...: 0347388 Analysis Time..: 13:32
Dilution Factor: 1 % Moisture.....: Analyst ID.....: 999998
Instrument ID..: MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	91	(60 - 150)			SW846 8260B
	92	(60 - 150)	1.0	(0-30)	SW846 8260B
Benzene	81	(70 - 140)			SW846 8260B
	81	(70 - 140)	0.64	(0-30)	SW846 8260B
Trichloroethene	102	(70 - 130)			SW846 8260B
	99	(70 - 130)	2.4	(0-30)	SW846 8260B
Toluene	82	(70 - 130)			SW846 8260B
	80	(70 - 130)	2.7	(0-30)	SW846 8260B
Chlorobenzene	84	(70 - 130)			SW846 8260B
	84	(70 - 130)	0.21	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(70 - 130)
	87	(70 - 130)
1,2-Dichloroethane-d4	101	(60 - 140)
	99	(60 - 140)
Toluene-d8	88	(70 - 130)
	87	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...:	E0L040202	Work Order #...:	DQR3D1A1-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0L040202-002		DQR3D1A2-MSD		
Date Sampled...:	11/29/00 13:00	Date Received..:	12/04/00 16:30	MS Run #.....:	0349107
Prep Date.....:	12/11/00	Analysis Date..:	12/11/00		
Prep Batch #...:	0348513	Analysis Time..:	17:56		
Dilution Factor:	1	% Moisture.....:		Analyst ID.....:	001464
Instrument ID..:	G16				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	103	(80 - 140)			SW846 8015B
	100	(80 - 140)	3.0	(0-40)	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	118	(60 - 130)
	117	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...:	E0L040202	Work Order #...:	DQR6M1A3-MS DQR6M1A4-MSD	Matrix.....:	SOLID
MS Lot-Sample #:	E0L040208-029				
Date Sampled...:	12/04/00 13:43	Date Received..:	12/04/00 17:15	MS Run #.....:	0340227
Prep Date.....:	12/05/00	Analysis Date..:	12/07/00		
Prep Batch #...:	0340443	Analysis Time..:	17:16		
Dilution Factor:	1	% Moisture.....:	100	Analyst ID.....:	356074
Instrument ID..:	G03				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	71	(60 - 130)			SW846 8015B
	70	(60 - 130)	0.72	(0-35)	SW846 8015B
Diesel Range Organics (C10-C25)	71	(60 - 130)			SW846 8015B
	70	(60 - 130)	0.72	(0-35)	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	81	(60 - 130)
	76	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters