5900 Hollis Street, Suite A Emeryville, California 94608 Telephone: (510) 420-0700 www.CRAworld.com

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	TRANSMITTAL	
DATE:	January 5, 2011 R EFERENCE NO.: 240937	
	PROJECT NAME: 3600 Park Bot	ılevard, Oakland
То:	Keith Matthews	
	OFD-Fire Prevention Bureau	
	250 Frank Ogawa Plaza, Suite 3341	
	Oakland, California 94612-2032	
Please find	enclosed: Draft X Final Originals Other Prints	
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	Underground Storage Tank Removal Report	
For Y	equested Difference For Review and Comment	
COMMEN If you have (510) 420-3	e any questions regarding the contents of this document, please call Pete	r Schaefer at
Copy to:	Denis Brown, Shell Oil Products US (electronic copy) Bill Merchant, Shell Oil Products US (electronic copy)	
	Jerry Wickham, Alameda County Environmental Health (electro	nic copy)
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CONESTOGA-ROVERS & ASSOCIATES



UNDERGROUND STORAGE TANK REMOVAL REPORT

FORMER SHELL SERVICE STATION 3600 PARK BOULEVARD OAKLAND, CALIFORNIA

SAP CODE 135689

Prepared by: Conestoga-Rovers & Associates

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1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) to document the recent underground storage tank (UST) removal at the referenced site. Under Oakland Fire Department (OFD) direction, CRA performed soil and grab groundwater sampling following the removal of three gasoline USTs, product dispensers, and associated piping. CRA performed the work in accordance with OFD guidelines.

2.0 SITE DESCRIPTION

The subject site is a former Shell service station located on the eastern corner of Park Boulevard and Chatham Road intersection in Oakland, California (Figure 1). The area surrounding the site is both commercial and residential. Interstate 580 is located across Chatham Road opposite the site's southwestern boundary. The former service station layout included four dispensers and three gasoline underground storage tanks (USTs). A station kiosk and canopy are still present (Figure 2).

3.0 SAMPLING ACTIVITIES AND SAMPLE ANALYSES

On December 8, 2010, Paradiso Mechanical, Inc. of San Leandro, California removed three 10,000-gallon gasoline USTs, product dispensers, and associated piping.

3.1 PERSONNEL PRESENT

- Keith Matthews, Fire Prevention Bureau, OFD
- Scott Lewis, Staff Scientist, CRA

3.2 <u>SAMPLING DATE</u>

December 8, 2010

3.3 UST REMOVAL OBSERVATIONS

CRA observed no cracks, holes, or corrosion in the USTs upon removal.

CONESTOGA-ROVERS & ASSOCIATES

3.4 UST EXCAVATION SOIL SAMPLING

CRA collected eight soil samples from the sidewalls of the UST excavation at a depth of 2.5 feet below grade (fbg) using a backhoe. Figure 2 shows the sampling locations. The soil was removed from the backhoe and packed into clean stainless steel sample tubes; the tube ends were covered with Teflon[®] tape and plastic end caps. Soil samples were labeled, placed into a cooler with ice, entered onto a chain-of-custody record, and transported to a California-certified analytical laboratory.

3.5 DISPENSER SAMPLING

CRA collected four samples beneath the dispenser locations at a depth of 3.5 fbg (Figure 2). Soil samples were collected in the manner described above.

3.6 <u>PIPING SAMPLING</u>

CRA collected six samples below product piping at 2.5 to 5 fbg (Figure 2). Soil samples were collected in the manner described above.

3.7 UST EXCAVATION GRAB GROUNDWATER SAMPLING

CRA collected one grab groundwater sample from the water in the excavation using a disposable bailer (Figure 2). The water was transferred from the bailer to containers with the appropriate preservatives and no headspace. The water samples were labeled, placed into a cooler with ice, entered onto a chain-of-custody record, and transported to a California-certified analytical laboratory.

3.8 <u>PEA GRAVEL SAMPLING</u>

CRA collected two composite samples of stockpiled pea gravel from the UST excavation. Four pea gravel samples from each stockpile were packed into clean stainless steel sample tubes; the tube ends were covered with Teflon[®] tape and plastic end caps. Pea gravel samples were labeled, placed into a cooler with ice, entered onto a chain-of-custody record, and transported to a California-certified analytical laboratory. The four samples from each stockpile were composited by the laboratory prior to analysis.

3.9 <u>CHEMICAL ANALYSES</u>

State-certified laboratory Calscience Environmental Laboratories, Inc. of Garden Grove, California analyzed the soil and grab groundwater samples for:

- Total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tertiary-butyl ether (MTBE), ethyl tertiary-butyl ether (ETBE), tertiary-amyl methyl ether (TAME), di-isopropyl ether (DIPE), tertiary-butyl alcohol (TBA), 1,2-dichloroethane (1,2-DCA), and ethylene dibromide (EDB) by EPA Method 8260B; and
- Total lead by EPA Method 6010A.

Pea gravel samples were analyzed for:

- Total petroleum hydrocarbons as motor oil (TPHmo) by EPA Method 8015B (M);
- Total petroleum hydrocarbons as diesel (TPHd) by EPA Method 8015B;
- TPHg, BTEX, MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB by EPA Method 8260B;
- Total antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc by EPA Method 6010B; and
- Total mercury by EPA Method 7471A.

Appendix A includes the laboratory reports.

3.10 WATER DISPOSAL

Approximately 11,530 gallons of water were pumped from the excavation and temporarily stored in a tank on site. On December 1 and 22, 2010, Phillip West Industrial Service transported the water to the Shell Martinez Refining Company for recycling. The bills of lading are included in Appendix B.

4.0 ANALYTICAL RESULTS

Figure 3 and Table 1 summarize soil analytical results, Table 2 summarizes pea gravel analytical results, and Figure 3 and Table 3 summarize grab groundwater analytical results. Appendix A presents the laboratory analytical reports. A summary of these data is presented below.

Three soil samples contained TPHg at concentrations ranging from 2.8 to 350 milligrams per kilogram (mg/kg). Only the TPHg detections in samples P-3-5 and DP-4-3.5 exceed San Francisco Bay Regional Water Quality Control Board (RWQCB) environmental screening level (ESL) (180 mg/kg) for shallow soils at a site with commercial land used.¹ The RWQCB guidance advises that "TPH ESLs must be used in conjunction with ESLs for related chemicals (e.g. BTEX, polynuclear aromatic hydrocarbons, oxidizers, etc.)." In this case, BTEX, fuel oxygenates, and lead scavengers would be the appropriate related chemicals, and no BTEX, fuel oxygenate, or lead scavenger concentrations were detected in the soil samples. The soil samples contained up to 27.0 mg/kg total lead, which is less than the ESL of 750 mg/kg. No other constituents of concern were detected in soil samples.

Pea gravel samples contained up to 2.81 mg/kg arsenic, 64.3 mg/kg barium, 19.9 mg/kg chromium, 6.24 mg/kg cobalt, 13.5 mg/kg copper, 5.38 mg/kg lead, 0.132 mg/kg mercury, 41.4 mg/kg nickel, 16.8 mg/kg vanadium, and 56.9 mg/kg zinc. TPHmo, TPHd, TPHg, BTEX, fuel oxygenates, and lead scavengers were not detected in the pea gravel samples. Only the arsenic detections exceed the ESL for shallow soils with commercial land use. The arsenic concentrations that exceed the ESL are within background concentration ranges for California soils.² Based an these results, Shell reused the pea gravel to backfill the excavation as approved in OFD's December 15, 2010 electronic correspondence.

The grab groundwater sample from the UST excavation contained 330 micrograms per liter (μ g/l) TPHg, 26 μ g/l benzene, 64 μ g/l toluene, 5.2 μ g/l ethylbenzene, 55 μ g/l total xylenes, 8.4 μ g/l MTBE, and 112 μ g/l total lead. Only TPHg and lead concentrations exceeded the ESL for groundwater where groundwater is not a potential source of drinking water. As noted above, the RWQCB guidance advises that "TPH ESLs must be used in conjunction with ESLs for related chemicals (e.g. BTEX, polynuclear aromatic

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¹ Screening for Environmental Concerns at Site With Contaminated Soil and Groundwater, California Regional Water Quality Control Board, Interim Final – November 2007 [Revised May 2008]

² Bradford et. al, *Background Concentrations of Trace and Major Elements in California Soils*, Kearney Foundation Special Report, University of California-Riverside and California Environmental Protection Agency – Department of Toxic Substances Control, March 1996.

hydrocarbons, oxidizers, etc.)." In this case, BTEX, fuel oxygenates, and lead scavengers would be the appropriate related chemicals, and no BTEX, fuel oxygenate, or lead scavenger concentrations were detected above ESLs in the grab groundwater sample. It should also be noted that the grab groundwater sample was not filtered prior to analysis for lead.

Based on these results, Shell filed an Underground Storage Tank Unauthorized Release (Leak)/Site Contamination Report (Unauthorized Release Report) on December 20, 2010 with Alameda County Environmental Health and OFD. Appendix C presents this report.

£----

All of Which is Respectfully Submitted, CONESTOGA-ROVERS & ASSOCIATES

-Schol Pete

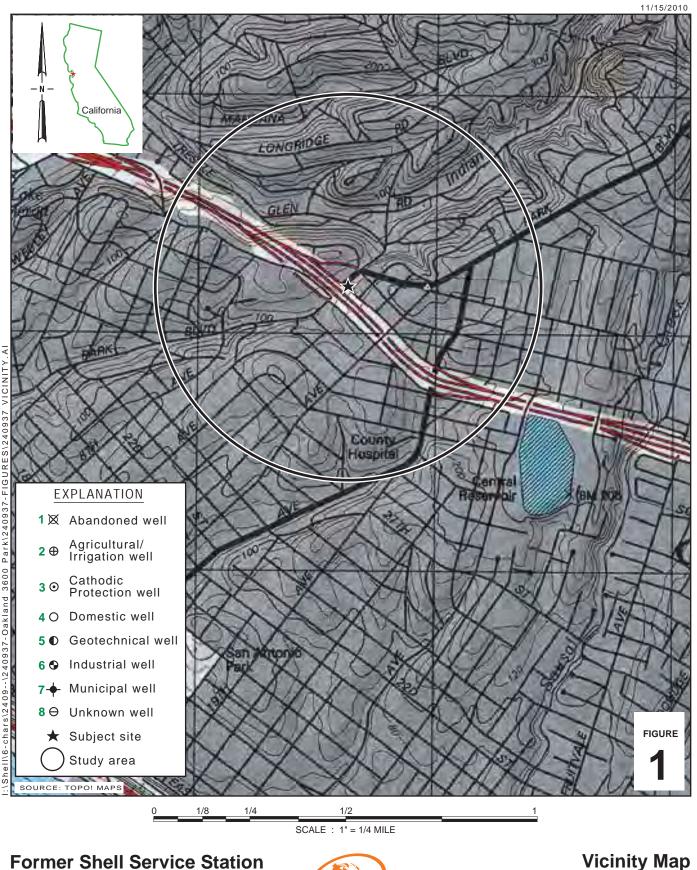
Peter Schaefer, CHG, CEG

ey Au

Aubrey K. Cool, PG



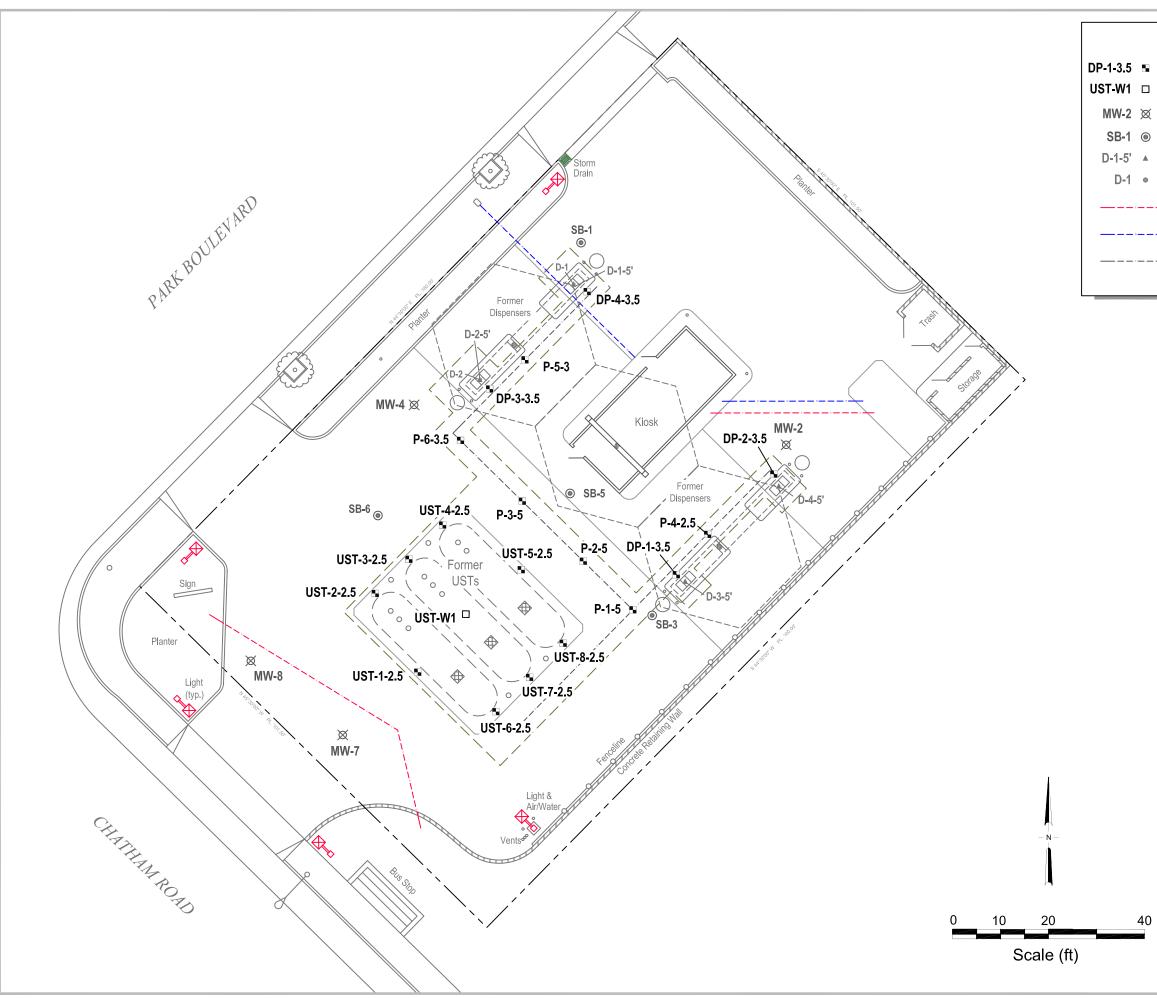
FIGURES



3600 Park Boulevard Oakland, California



Vicinity Map



12/22/2010

EXPLANATION

- **DP-1-3.5 Soil sample location (12/08/2010)**
- **UST-W1** □ Grab groundwater sample location (12/08/2010)
 - Destroyed monitoring well location
 - Soil boring location (1/3-6/2006)
 - Dispenser soil sample location (8/20/2004)
 - Dispenser soil sample location (02/20/1998)
 - Electrical line (E)
 - Water line (W)
 - Former product piping line (P) _ , ____

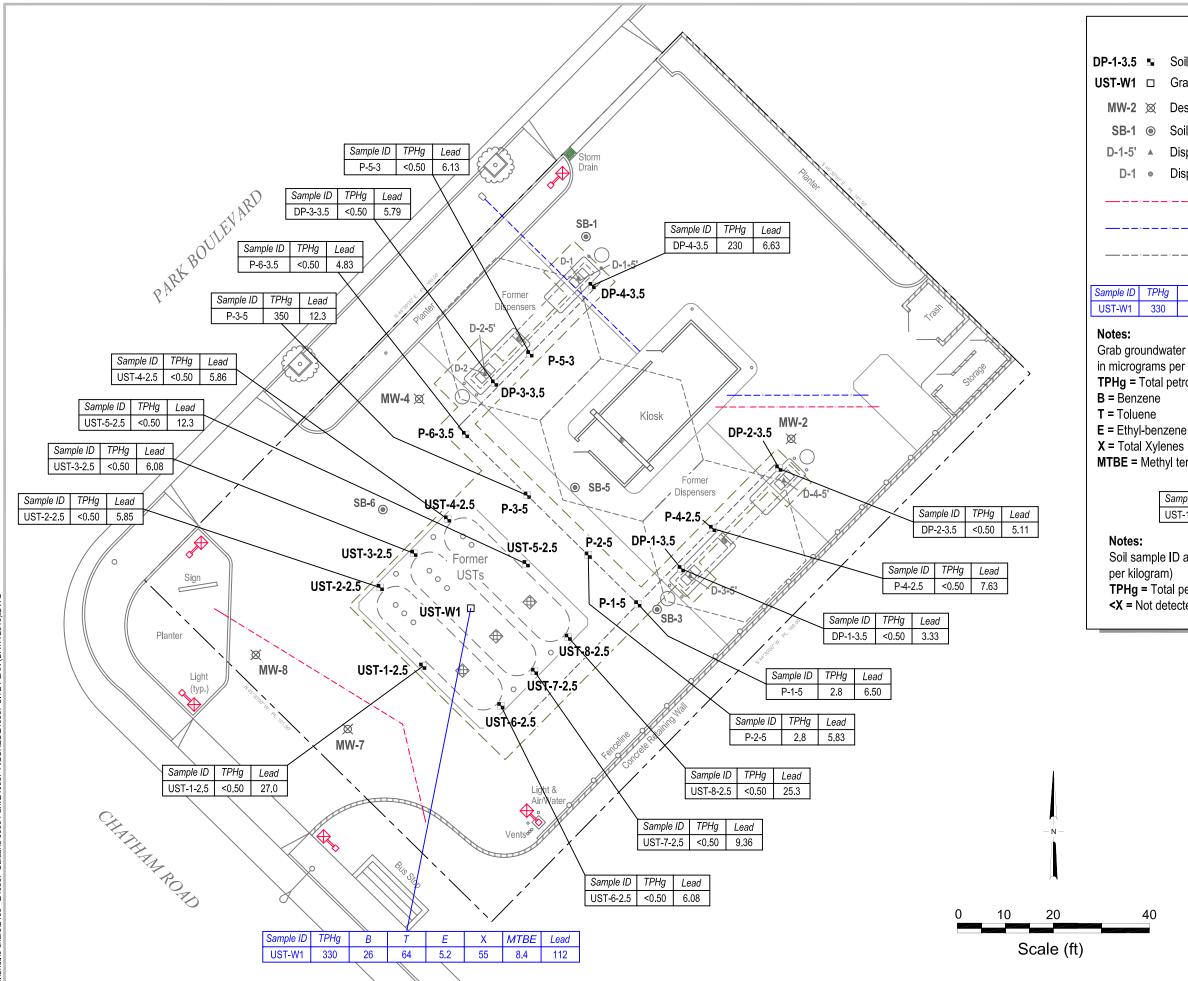
Site Plan



Former Shell Service Station 3600 Park Boulevard Oakland, California

FIGURE

40



12/22/2010

EXPLANATION

- **DP-1-3.5** Soil sample location (12/08/2010)
- **UST-W1** Grab groundwater sample location (12/08/2010)
 - Destroyed monitoring well location
- **SB-1** Soil boring location (1/3-6/2006)
 - Dispenser soil sample location (8/20/2004)
 - Dispenser soil sample location (02/20/1998)
 - Electrical line (E)
 - Water line (W)

---- Former product piping line (P)

TPHg	В	Т	Е	Х	MTBE	Lead
330	26	64	5.2	55	8.4	112

- Grab groundwater sample ID and concentrations,
- in micrograms per liter
- TPHg = Total petroleum hydrocarbons as gasoline
- MTBE = Methyl tertiary-butyl ether

Sample ID	TPHg	Lead
UST-1-2.5	<0.50	27.0

- Soil sample ID and concentrations (in milligrams
- **TPHg =** Total petroleum hydrocarbons as gasoline **<X** = Not detected at reporting limit X







3600 Park Boulevard Oakland, California

FIGURE



40

TABLES

0.044

750

0.48

NA

NA

TABLE 1

SOIL ANALYTICAL DATA FORMER SHELL SERVICE STATION 3600 PARK BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TPHg	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB	Lead	
Tank Excavo	ation Samples											0.010	-0.0050	<0.00E0	07.0	
UST-1-2.5	12/8/2010	2.5	<0.50	< 0.0050	< 0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010	< 0.0050	< 0.0050	27.0	
UST-2-2.5	12/8/2010	2.5	<0.50	< 0.0050	< 0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010	< 0.0050	< 0.0050	5.85	
UST-3-2.5	12/8/2010	2.5	<0.50	< 0.0050	< 0.0050	< 0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010	<0.0050	< 0.0050	6.08	
UST-4-2.5	12/8/2010	2.5	<0.50	<0.0050	< 0.0050	<0.0050	< 0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010	<0.0050	< 0.0050	5.86	
UST-5-2.5	12/8/2010	2.5	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010	<0.0050	<0.0050	12.3	
UST-6-2.5	12/8/2010	2.5	<0.50	<0.0050	<0.0050	<0.0050	0.0094	< 0.0050	<0.050	<0.010	<0.010	<0.010	<0.0050	<0.0050	6.08	
UST-7-2.5	12/8/2010	2.5	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	< 0.0050	<0.050	<0.010	<0.010	<0.010	<0.0050	<0.0050	9.36	
UST-8-2.5	12/8/2010	2.5	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010	<0.0050	<0.0050	25.3	
	12/0/2010															
Pipe Trench	Soil Samples													0.0050	. = 0	
P-1-5	12/8/2010	5	2.8	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	< 0.050	<0.010	<0.010	<0.010	< 0.0050	< 0.0050	6.50	
P-2-5	12/8/2010	5	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010	<0.0050	<0.0050	5.83	
P-3-5	12/8/2010	5	350	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0	<1.0	<1.0	<0.50	<0.50	12.3	
P-4-2.5	12/8/2010	2.5	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010	< 0.0050	< 0.0050	7.63	
P-5-3	12/8/2010	3	<0.50	<0.0050	<0.0050	<0.0050	< 0.0050	<0.0050	< 0.050	<0.010	<0.010	<0.010	<0.0050	< 0.0050	6.13	
P-6-3.5	12/8/2010	3.5	<0.50	<0.0050	<0.0050	<0.0050	0.021	<0.0050	<0.050	<0.010	<0.010	<0.010	<0.0050	<0.0050	4.83	
	12/0/2010															
Dispenser S	oil Samples													-0.0050		
, DP-1-3.5	12/8/2010	3.5	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010	< 0.0050	<0.0050	3.33	
DP-2-3.5	12/8/2010	3.5	<0.50	<0.0050	<0.0050	<0.0050	< 0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010	< 0.0050	< 0.0050	5.11	
DP-3-3.5	12/8/2010	3.5	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010	< 0.0050	< 0.0050	5.79	
DP-4-3.5	12/8/2010	3.5	230	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0	<1.0	<1.0	<0.50	<0.50	6.63	
	12/0/2010												en en ser an			ž,

110

NA

8.4

11

Shallow Soil (≤10 fbg) ESL ^a:

180

0.27

93

4.7

TABLE 1

SOIL ANALYTICAL DATA FORMER SHELL SERVICE STATION 3600 PARK BOULEVARD, OAKLAND, CALIFORNIA

Notes:

All results in milligrams per kilogram (mg/kg) unless otherwise indicated.

fbg = Feet below grade

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B.

Benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8260B unless otherwise noted.

MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B unless otherwise noted.

TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B

DIFE = Di-isopropyl ether analyzed by EPA Method 8260B

ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B

TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B

1,2-DCA = 1,2-Dichloroethane by EPA Method 8260B

EDB = 1,2,-Dibromoethane by EPA Method 8260B

Lead analyzed by EPA Method 6010B

<x = Not detected at reporting limit x</pre>

ESL = Environmental screening level

NA = No applicable ESL

Results in **bold** equal or exceed applicable ESL

a = San Francisco Bay Regional Water Quality Control Board commercial land use ESL for soil where groundwater is not a current or potential source of drinking water (Tables B and D of *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).

TABLE 2

PEA GRAVEL ANALYTICAL DATA FORMER SHELL SERVICE STATION 3600 PARK BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	Date	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2 - DCA	EDB	Arsenic	Barium	Chromium	Cobalt	Copper	Lead	Mercury	Nickel	Vanadium	Zinc
SP-P	12/8/2010	<25	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050 <0.0050	<0.0050	<0.050 <0.050	<0.010	<0.010	<0.010	<0.0050	<0.0050 <0.0050	2.40 2.81	64.3 60.2	19.9 17.3	6.24 5.50	11.4 13.5	4.92 5.38	<0.0835 0.132	41.1 29.9	15.9 16.8	56.9 44.5
SP-T	12/8/2010	<25	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010	<0.0050	<0.0050	2.01	00.2	17.5	5.50	13.5	9.50	0.152	2).)		
	l (≤10 fbg) ESL ^a :	2,500	180	180	0.27	9.3	4.7	11	8.4	110	NA	NA	NA	0.48	0.044	1.6 15	1,500	75 E 000	80	230 = 000	750 750	10 58	150 260	200 770	600 5,000
Deep Soil (>	10 fbg) ESL ":	2,500	180	180	2.0	9.3	4.7	11	8.4	110	NA	NA	NA	1.8	1.0	15	2,600	5,000	94	5,000	750	50	200	770	5,000

Notes:

All results in milligrams per kilogram (mg/kg) unless otherwise indicated. TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B. TPHd = Total petroleum hydrocarbons as diesel analyzed by EPA Method 8015B. TPHmo = Total petroleum hydrocarbons as motor oil analyzed by EPA Method 8015B (M). Benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8260B MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B DIPE = Di-isopropyl ether analyzed by EPA Method 8260B ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B 1,2-DCA = 1,2-Dichloroethane by EPA Method 8260B EDB = 1,2,-Dibromoethane by EPA Method 8260B Arsenic, barium, chromium, cobalt, copper, lead, nickel, vanadium, and zinc analyzed by EPA Method 6010B Antimony, beryllium, cadmium, molybdenum, selenium, silver, and thallium not detected by EPA Method 6010B Mercury analyzed by EPA Method 7471A <x = Not detected at reporting limit x ESL = Environmental screening level

NA = No applicable ESL

Results in **bold** equal or exceed applicable ESL

a = San Francisco Bay Regional Water Quality Control Board commercial land use ESL for soil where groundwater is not a current or potential source of drinking water (Tables B and D of *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, California Regional Water Quality Control Board, Interim Final -November 2007 [Revised May 2008]).

TABLE 3

GRAB GROUNDWATER ANALYTICAL DATA FORMER SHELL SERVICE STATION 3600 PARK BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TPHg	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB	Lead
UST-W1	12/8/2010	9.5	330	26	64	5.2	55	8.4	<10	<2.0	<2.0	<2.0	<1.0	<0.50	112

-1.800

18,000 NA

NA

NA

200

150

Groundwater ESL.^a:

) 43 100

Notes:

All results in micrograms per liter ($\mu g/l$).

fbg = Feet below grade

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B

210

Benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8260B

MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B

TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B

DIPE = Di-isopropyl ether analyzed by EPA Method 8260B

ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B

TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B

1,2-DCA = 1,2-Dichloroethane by EPA Method 8260B

EDB = 1,2-Dibromoethane by EPA Method 8260B

- Lead analyzed by EPA Method 6010B
- <x = Not detected at reporting limit x

ESL = Environmental screening level

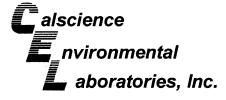
NA = No applicable ESL

Results in **bold** equal or exceed applicable ESL

a = San Francisco Bay Regional Water Quality Control Board ESL for groundwater where groundwater is not a source of drinking water (Table B of *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).

APPENDIX A

LABORATORY ANALYTICAL REPORTS



December 14, 2010

Peter Schaefer Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008

Subject:Calscience Work Order No.:10-12-0737Client Reference:3600 Park Boulevard, Oakland, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/9/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental Laboratories, Inc. Xuan H. Dang Project Manager

NELAP ID: 03220CA • DoD-ELAP ID: L10-41 • CSDLAC ID: 10109 • SCAQMD ID: 93LA0830 7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501

science
nvironmental
aboratories, Inc.

Conestoga-Rovers & Associates

5900 Hollis Street, Suite A

Emeryville, CA 94608-2008

12/09/10
10-12-0737
EPA 5030C
LUFT GC/MS / EPA 8260B
ug/L

Project: 3600 Park Boulevard, Oakland, CA

Client Sample Number				ab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed 12/11/10 15:34		QC Batch IE	
UST-W1			10-12-	0737-1-B	12/08/10 11:50	Aqueous	GC/MS RR	12/11/10			101211L01	
Parameter	Result	RL	DF	Qual	Parameter			<u>Result</u>	RL	DF	Qual	
Benzene	26	0.50	1		Methyl-t-Buty	Ether (MTE	BE)	8.4	1.0	1		
1,2-Dibromoethane	ND	1.0	1		Tert-Butyl Alc	ohol (TBA)		ND	10	1		
1,2-Dichloroethane	ND	0.50	1		Diisopropyl E	ther (DIPE)		ND	2.0	1		
Ethylbenzene	5.2	1.0	1		Ethyl-t-Butyl E	Ether (ETBE	.)	ND	2.0	1		
Toluene	64	1.0	1		Tert-Amyl-Me	thyl Ether (1	AME)	ND	2.0	1		
Xylenes (total)	55	1.0	1		TPPH			330	50	1		
Surrogates:	<u>REC (%)</u>	<u>Control</u> Limits	<u>Qu</u>	al	Surrogates:			<u>REC (%)</u>	<u>Control</u> Limits	<u>(</u>	Qual	
Dibromofluoromethane	97	80-126			1,2-Dichloroe	thane-d4		96	80-134			
Toluene-d8-TPPH	98	88-112			Toluene-d8			99	80-120			
1.4-Bromofluorobenzene	94	80-120				1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1						
Method Blank	n an tha an tha		099-1	2-767-5,027	7 N/A	Aqueous	GC/MS RR	12/11/10	12/1 12:		101211L01	
Parameter	<u>Result</u>	<u>RL</u>	DF	<u>Qual</u>	Parameter			Result	<u>RL</u>	DF	Qual	
Benzene	ND	0.50	1		Methyl-t-Buty	Ether (MTE	BE)	ND	1.0	1		
1,2-Dibromoethane	ND	1.0	1		Tert-Butyl Ald	ohol (TBA)		ND	10	1		
1,2-Dichloroethane	ND	0.50	1		Diisopropyl E	• • •		ND	2.0	1		
Ethylbenzene	ND	1.0	1		Ethyl-t-Butyl		•	ND	2.0	1		
Toluene	ND	1.0	1		Tert-Amyl-Me	thyl Ether (ſAME)	ND	2.0	1		
Xylenes (total)	ND	1.0	1		TPPH			ND	50	1	-	
Surrogates:	<u>REC (%)</u>	<u>Control</u> Limits	Qu	lal	Surrogates:			<u>REC (%)</u>	<u>Control</u> <u>Limits</u>	. !	Qual	
Dibromofluoromethane	97	80-126			1,2-Dichloroe	thane-d4		96	80-134			
Toluene-d8	99	80-120			Toluene-d8-T	РРН		98	88-112			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

94

80-120



1,4-Bromofluorobenzene

Page 2 of 31

Page 1 of 1

C _als	cience
E n	vironmental
L	aboratories, Inc.

			1	2/09	/10	
		e		G	 	
	3.//10.	Millio.	8	ALC: NO.	a. (a	

Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008

Date Received:	12/09/10
Work Order No:	10-12-0737
Preparation:	EPA 5030C
Method:	LUFT GC/MS / EPA 8260B
Units:	mg/kg

Project: 3600 Park Boulevard, Oakland, CA

Project: 3600 Park Boulev	ard. Oal	kland. (СА							Pad	ge 1 of 7
			····	Sample	Date/Time			Date	Date/T	-	
Client Sample Number	i la de la de contra de contra de contra de contra de la decembra de la decembra de la decembra de la decembra		N	lumber	Collected	Matrix	Instrument	Prepared	Analy	zed	QC Batch ID
UST-1-2.5			10-12-0	737-2-A	12/08/10 12:02	Solid	GC/MS UU	12/09/10	12/10 16:1		101210L01
Parameter	<u>Result</u>	<u>RL</u>	DF	Qual	Parameter			Result	RL	DF	<u>Qual</u>
Benzene	ND	0.0050	1		Methyl-t-Butyl	Ether (MTE	E)	ND	0.0050	1	
1,2-Dibromoethane	ND	0.0050	1		Tert-Butyl Alco	ohol (TBA)		ND	0.050	1	
1,2-Dichloroethane	ND	0.0050	1		Diisopropyl Eth	ner (DIPE)		ND	0.010	1	
Ethylbenzene	ND	0.0050	1		Ethyl-t-Butyl E	ther (ETBE)	ND	0.010	1	
Toluene	ND	0.0050	1		Tert-Amyl-Met	hyl Ether (T	AME)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		TPPH			ND	0.50	1	
Surrogates:	<u>REC (%)</u>	<u>Control</u> Limits	<u>Qual</u>		Surrogates:			<u>REC (%)</u>	<u>Control</u> Limits	<u>C</u>	lual
Dibromofluoromethane	97	63-141			1,2-Dichloroetl	hane-d4		98	62-146		
Toluene-d8	101	80-120			1,4-Bromofluo	robenzene		95	60-132		
Toluene-d8-TPPH	100	87-111				1					
UST-2-2.5		Ten Ten Island	10-12-0	737-3-A	12/08/10 12:04	Solid	GC/MS UU	12/09/10	12/10 14:2		.101210L01
Parameter	Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>	Parameter			Result	<u>RL</u>	DF	Qual
Benzene	ND	0.0050	1		Methyl-t-Butyl	Ether (MTE	BE)	ND	0.0050	1	
1,2-Dibromoethane	ND	0.0050	1		Tert-Butyl Alco			ND	0.050	1	
1,2-Dichloroethane	ND	0.0050	1		Diisopropyl Etl	her (DIPE)		ND	0.010	1	
Ethylbenzene	ND	0.0050	1		Ethyl-t-Butyl E	ther (ETBE	5)	ND	0.010	1	
Toluene	ND	0.0050	1		Tert-Amyl-Met	hyl Ether (1	AME)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		ТРРН			ND	0.50	1	
Surrogates:	<u>REC (%)</u>	<u>Control</u> Limits	Qual	l	Surrogates:			<u>REC (%)</u>	<u>Control</u> Limits	Ω	Qual
Dibromofluoromethane	96	63-141			1,2-Dichloroet	hane-d4		95	62-146		
Toluene-d8	96	80-120			1,4-Bromofluo	robenzene		94	60-132		
Toluene-d8-TPPH	96	87-111						÷			
UST-3-2.5			10-12-0	737 - 4-A	12/08/10 12;06	Solid	GC/MS UU	12/09/10	12/10 16:4		101210L01
Parameter	<u>Result</u>	<u>RL</u>	DF	Qual	Parameter			<u>Result</u>	<u>RL</u>	DF	Qual
Benzene	ND	0.0050	1		Methyl-t-Butyl	•	BE)	ND	0.0050	1	
1,2-Dibromoethane	ND	0.0050	1		Tert-Butyl Alco			ND	0.050	1	
1,2-Dichloroethane	ND	0.0050	1		Diisopropyl Et	her (DIPE)		ND	0.010	1	
Ethylbenzene	ND	0.0050	1		Ethyl-t-Butyl E	•		ND	0.010	1	
Toluene	ND	0.0050	1		Tert-Amyl-Met	thyl Ether (1	TAME)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		TPPH			ND	0.50	1	
Surrogates:	<u>REC (%)</u>	<u>Control</u> Limits	<u>Qua</u>	l	Surrogates:			<u>REC (%)</u>	<u>Control</u> Limits	<u>(</u>	Qual
Dibromofluoromethane	95	63-141			1,2-Dichloroet	hane-d4		92	62-146		
T .1 10	00	00 400									

Toluene-d8-TPPH

DF - Dilution Factor .

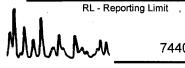
80-120

87-111

99

98

Qual - Qualifiers



Toluene-d8

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501

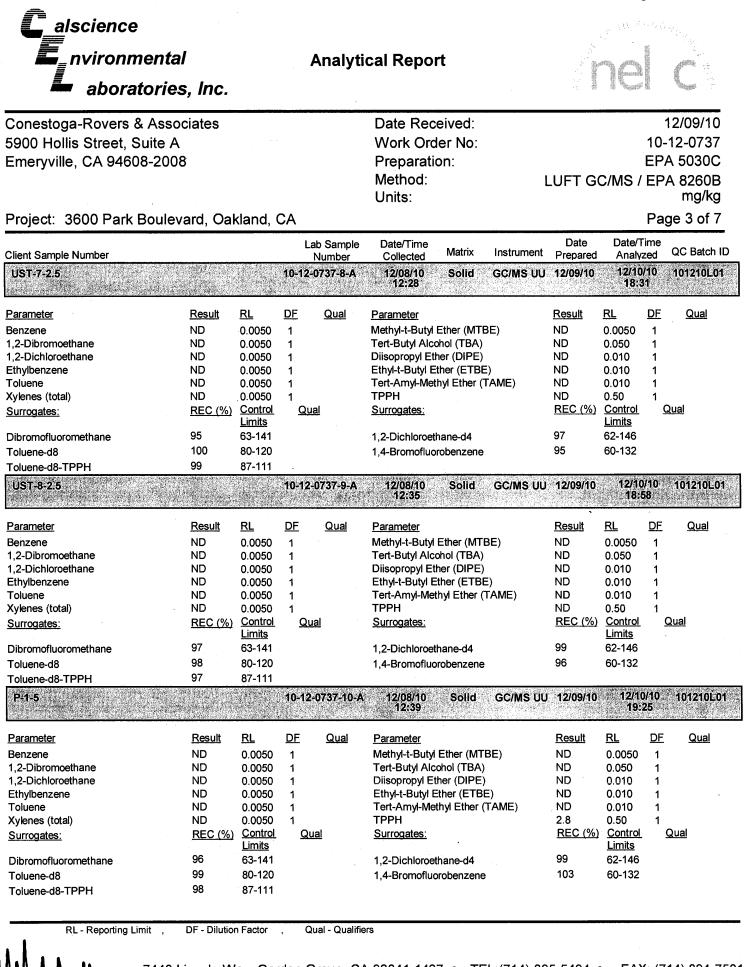
1,4-Bromofluorobenzene

92

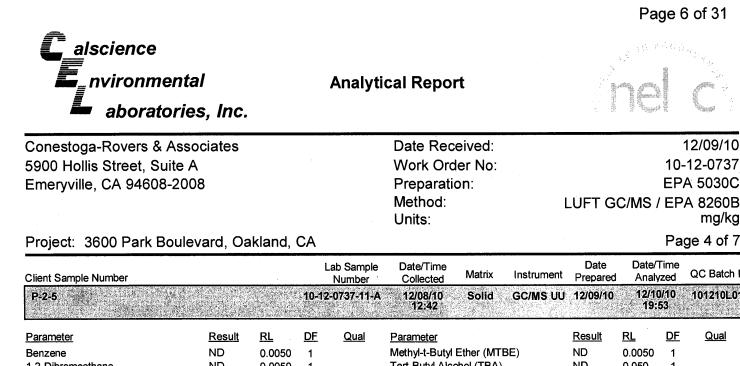
60-132

X

C alscience								Pa	ge 4	of 31
aboratori				Analyti	ical Repor	t 1.	A D C A			
Conestoga-Rovers & As				· · · · · · · · · · · · · · · · · · ·	Date Rece	ived:				2/09/1
900 Hollis Street, Suite	A				Work Orde	er No:			10-	12-073
Emeryville, CA 94608-20	008				Preparatio	n:			EP/	A 50300
					Method:		LUFT G	C/MS	FP	A 8260
					Units:					mg/k
Project: 3600 Park Bou	levard, Oal	kland, (CA			· · ·			Pag	ge 2 of
lient Sample Number				ab Sample	Date/Time	Matrix Instrume	Date ent Prepared	Date/ Analy		QC Batcl
UST-4-2.5		ang padaga	anti-third states	Number 0737-5-A	Collected			12/10	Cathorne and a	Country of the local
		al anna an Ar	10-12-	0/3/-9-A	12/08/10 12:09	Solid GC/MS	UU 12/09/10	17:		101210L
arameter	Result	RL	<u>DF</u>	Qual	Parameter		Result	RL	DF	<u>Qual</u>
2-Dibromoethane		0.0050	1		Methyl-t-Butyl E	· · ·	ND	0.0050	1	
2-Dibromoethane 2-Dichloroethane	ND ND	0.0050 0.0050	1 1		Tert-Butyl Alcoh Diisopropyl Ethe		ND ND	0.050 0.010	1	
thylbenzene	ND	0.0050	1		Ethyl-t-Butyl Eth		ND	0.010	1	
oluene	ND	0.0050	1		Tert-Amyl-Methy	• •	ND	0.010	1	
ylenes (total)	ND	0.0050	.1	_1	TPPH		ND	0.50	1	N
urrogates:	<u>REC (%)</u>	<u>Control</u> Limits	Qua	<u>a</u>	Surrogates:		<u>REC (%)</u>	<u>Control</u> Limits	<u>C</u>	<u>}ual</u>
ibromofluoromethane	95	63-141			1,2-Dichloroetha	· · · · · · · · · · · · · · · · · · ·	98	62-146		
oluene-d8 oluene-d8-TPPH	99 99	80-120 87-111			1,4-Bromofluoro	benzene	93	60-132		
UST-5-2.5			10-12-	0737-6-A	12/08/10 12:15	Solid GC/MS	UU 12/09/10	12/10 17:		101210L
arameter	Result	<u>RL</u>	<u>DF</u>	Qual	Parameter		Result	RL	<u>DF</u>	Qual
Benzene	ND	0.0050	1		Methyl-t-Butyl E	ther (MTBE)	ND	0.0050	1	
,2-Dibromoethane	ND	0.0050	1		Tert-Butyl Alcoh		ND	0.050	1	
,2-Dichloroethane thylbenzene		0.0050 0.0050	1		Diisopropyl Ethe Ethyl-t-Butyl Eth		ND	0.010	1	
oluene	ND	0.0050	1			yl Ether (TAME)	ND ND	0.010 0.010	1	
ylenes (total)	ND	0.0050	1		TPPH	j : <u></u> ,	ND	0.50	1	
Surrogates:	<u>REC (%)</u>	<u>Control</u> Limits	Qu	<u>al</u>	Surrogates:		<u>REC (%)</u>	Control Limits	<u> </u>	Qual
Dibromofluoromethane	96	63-141			1,2-Dichloroetha	ane-d4	99	62-146		
oluene-d8	99 98	80-120 87 111			1,4-Bromofluoro	benzene	94	60-132		
oluene-d8-TPPH UST-6-2.5	30	87-111	10-12-	0737-7-A	12/08/10	Solid GC/MS	UU 12/09/10	12/1 18		101210
arameter	Poorth	DI	DE	0			Descritt			<u></u>
Senzene	<u>Result</u> ND	<u>RL</u> 0.0050	DF 1	Qual	Parameter Methyl-t-Butyl E	ther (MTRE)	<u>Result</u>	<u>RL</u>	DF 1	<u>Qual</u>
,2-Dibromoethane	ND	0.0050	1 1		Tert-Butyl Alcoh	· ·	ND ND	0.0050 0.050	1 1	
,2-Dichloroethane	ND	0.0050	1		Diisopropyl Ethe		ND	0.010	1	
thylbenzene	ND	0.0050	1		Ethyl-t-Butyl Eth	ner (ETBE)	ND	0.010	1	
oluene (ylenes (total)	ND 0.0094	0.0050 0.0050	1		Tert-Amyl-Meth TPPH	yl Ether (TAME)	ND	0.010	1	
Surrogates:	0.0094 REC (%)	Control	1 Qu	al	Surrogates:		ND <u>REC (%)</u>	0.50 Control	1	Qual
		Limits			<u></u>		<u>,, (0]</u>	Limits		
Dibromofluoromethane	96	63-141			1,2-Dichloroetha		101	62-146		
oluene-d8	100	80-120			1,4-Bromofluor	obenzene	96	60-132		
oluene-d8-TPPH	99	87-111								
		<u> </u>			· · · · · · · · · · · · · · · · · · ·			•••		
RL - Reporting Limit ,	DF - Dilution	Factor	, QL	al - Qualifie	13					



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Benzene	ND	0.0050	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1
1,2-Dibromoethane	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1
1,2-Dichloroethane	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1
Ethylbenzene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1
Toluene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1
Xylenes (total)	ND	0.0050	1		TPPH	ND	0.50	1
Surrogates:	<u>REC (%)</u>	<u>Control</u> Limits	!	<u>Qual</u>	Surrogates:	<u>REC (%)</u>	<u>Control</u> Limits	<u>Qual</u>
Dibromofluoromethane	95	63-141			1,2-Dichloroethane-d4	99	62-146	
Toluene-d8	98	80-120			1,4-Bromofluorobenzene	94	60-132	
Toluene-d8-TPPH	98	87-111						
P-3-5			10-	-12-0737-12-A	12/08/10 Solid GC/MS UU	12/09/10	12/11/	the second s

			Secularia Sun Party Sun Party Sun Sun Sun Sun Sun Sun Sun Sun Sun Sun		12:44		1993 - 1 9):34		
Parameter	Result	RL	DF	<u>Qual</u>	Parameter	<u>Result</u>	<u>RL</u>	DF	Qual	
Benzene	ND	0.50	100		Methyl-t-Butyl Ether (MTBE)	ND	0.50	100		
1 2-Dibromoethane	ND	0.50	100		Tert-Butyl Alcohol (TBA)	ND	5.0	100		

1,2-Dibromoethane	ND	0.50	100	Tert-Butyl Alcohol (TBA)	ND	5.0	100
1,2-Dichloroethane	ND	0.50	100	Diisopropyl Ether (DIPE)	ND	1.0	100
Ethylbenzene	ND	0.50	100	Ethyl-t-Butyl Ether (ETBE)	ND	1.0	100
Toluene	ND	0.50	100	Tert-Amyl-Methyl Ether (TAME)	ND	1.0	100
Xylenes (total)	ND	0.50	100	TPPH	350	50	100
Surrogates:	<u>REC (%)</u>	<u>Control</u>	<u>Qual</u>	Surrogates:	<u>REC (%)</u>	<u>Control</u>	Qual
		<u>Limits</u>				<u>Limits</u>	
Dibromofluoromethane	93	63-141		1,2-Dichloroethane-d4	96	62-146	
Toluene-d8	101	80-120		1,4-Bromofluorobenzene	97	60-132	
Toluene-d8-TPPH	101	87-111					

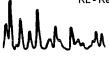
DP-1-3.5

12/08/10 12:48 10-12-0737-13-A

Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	Parameter	Result	<u>RL</u>	DF	<u>Qual</u>
Benzene	ND	0.0050	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1	
1,2-Dibromoethane	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
1,2-Dichloroethane	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Ethylbenzene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Toluene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	<u>REC (%)</u>	<u>Control</u> Limits	<u>Qual</u>		Surrogates:	<u>REC (%)</u>	<u>Control</u> Limits		Qual
Dibromofluoromethane	100	63-141			1,2-Dichloroethane-d4	107	62-146		
Toluene-d8	97	80-120			1,4-Bromofluorobenzene	94	60-132		
Toluene-d8-TPPH	96	87-111							

RL - Reporting Limit **DF** - Dilution Factor .

Qual - Qualifiers



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Solid

GC/MS UU 12/09/10

12/09/10

mg/kg

QC Batch ID

101210L01

Qual

10-12-0737

EPA 5030C

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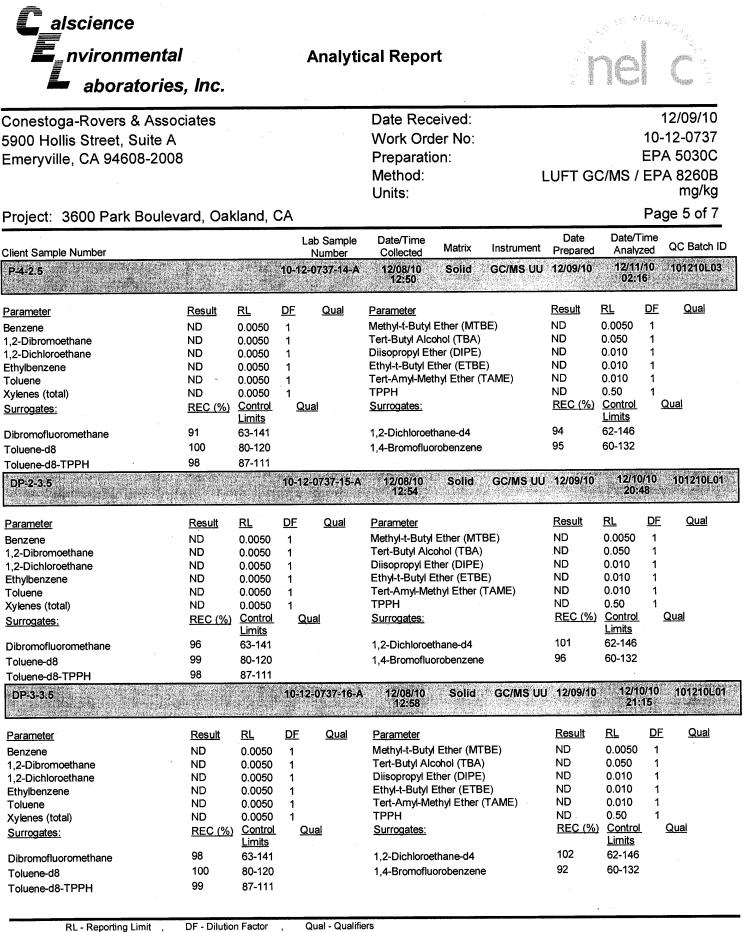
<u>DF</u>

12/10/10

20:20

101210L01

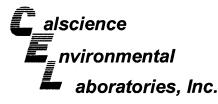




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Qual - Qualifiers

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Conestoga-Rovers & Associates

5900 Hollis Street, Suite A

Emeryville, CA 94608-2008

Method:

Units:

	·1,	38	28	-1990- 18		
Date Received:					12/09/	/10
Work Order No:				10	-12-07	'37
Preparation:				EP	A 503	00

Project: 3600 Park Boulevard, Oakland, CA

Page 6 of 7 Date/Time Date Date/Time Lab Sample QC Batch ID Matrix Instrument Client Sample Number Collected Prepared Analyzed Number 12/11/10 10-12-0737-17-A 12/08/10 GC/MS UU 12/09/10 101210L03 P-5-3 Solid 13:01 04:05 Send of the second DF Result <u>RL</u> DF Qual Parameter Result <u>RL</u> Qual Parameter Benzene ND 0.0050 1 Methyl-t-Butyl Ether (MTBE) ND 0.0050 1 Tert-Butyl Alcohol (TBA) 1,2-Dibromoethane ND 0.0050 ND 0.050 1 1 Diisopropyl Ether (DIPE) ND 1,2-Dichloroethane ND 0.0050 1 0.010 1 Ethylbenzene ND 0.0050 Ethyl-t-Butyl Ether (ETBE) ND 0.010 1 1 Toluene ND Tert-Amyl-Methyl Ether (TAME) ND 0.0050 0.010 1 1 TPPH Xylenes (total) ND 0.0050 ND 0.50 1 <u>REC (%)</u> REC (%) Control Qual Surrogates: Control Qual Surrogates: Limits Limits 97 63-141 100 62-146 Dibromofluoromethane 1.2-Dichloroethane-d4 98 80-120 1,4-Bromofluorobenzene 96 60-132 Toluene-d8 97 87-111 Toluene-d8-TPPH 12/11/10 DP-4-3.5 10-12-0737-18-A 12/08/10 Solid GC/MS UU 12/09/10 101211L02 13:04 16:01 Parameter Result <u>RL</u> <u>DF</u> Qual Result <u>RL</u> DF Qual Parameter Benzene ND 0.50 100 Methyl-t-Butyl Ether (MTBE) ND 0.50 100 1,2-Dibromoethane ND 0.50 100 Tert-Butyl Alcohol (TBA) ND 5.0 100 Diisopropyl Ether (DIPE) 1,2-Dichloroethane ND 0.50 100 ND 1.0 100 ND ND Ethyl-t-Butyl Ether (ETBE) Ethylbenzene 0.50 1.0 100 100 Toluene ND 0.50 100 Tert-Amyl-Methyl Ether (TAME) ND 1.0 100 Xylenes (total) ND TPPH 230 50 0.50 100 100 Control Surrogates: REC (%) Control Qual **REC (%)** Qual Surrogates: Limits Limits 92 89 63-141 62-146 Dibromofluoromethane 1,2-Dichloroethane-d4 101 98 60-132 80-120 Toluene-d8 1.4-Bromofluorobenzene 100 87-111 Toluene-d8-TPPH P-6-3.5 10-12-0737-19-A 12/08/10 12/11/10 101210L03 Solid GC/MS UU 12/09/10 13:06 04:32 Parameter Result <u>RL</u> DF Qual Parameter <u>Result</u> <u>RL</u> <u>DF</u> Qual 0.0050 Benzene ND Methyl-t-Butyl Ether (MTBE) ND 0.0050 1 1 Tert-Butyl Alcohol (TBA) 1.2-Dibromoethane ND 0.0050 ND 0.050 1 1 1,2-Dichloroethane ND 0.0050 Diisopropyl Ether (DIPE) ND 0.010 1 1 Ethyl-t-Butyl Ether (ETBE) ND Ethylbenzene ND 0.0050 1 0.010 1

Toluene

Xylenes (total)

Dibromofluoromethane

Surrogates:

Toluene-d8 Toluene-d8-TPPH

DF - Dilution Factor

0.0050

0.0050

Control

<u>Limits</u>

63-141

80-120

87-111

1

Qual

ND

98

100

99

0.021

REC (%)

Qual - Qualifiers

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Tert-Amyl-Methyl Ether (TAME)

TPPH

Surrogates:

1,2-Dichloroethane-d4

1,4-Bromofluorobenzene

ND

ND

102

100

REC (%)

0.010

0.50

<u>Control</u>

<u>Limits</u>

62-146

60-132

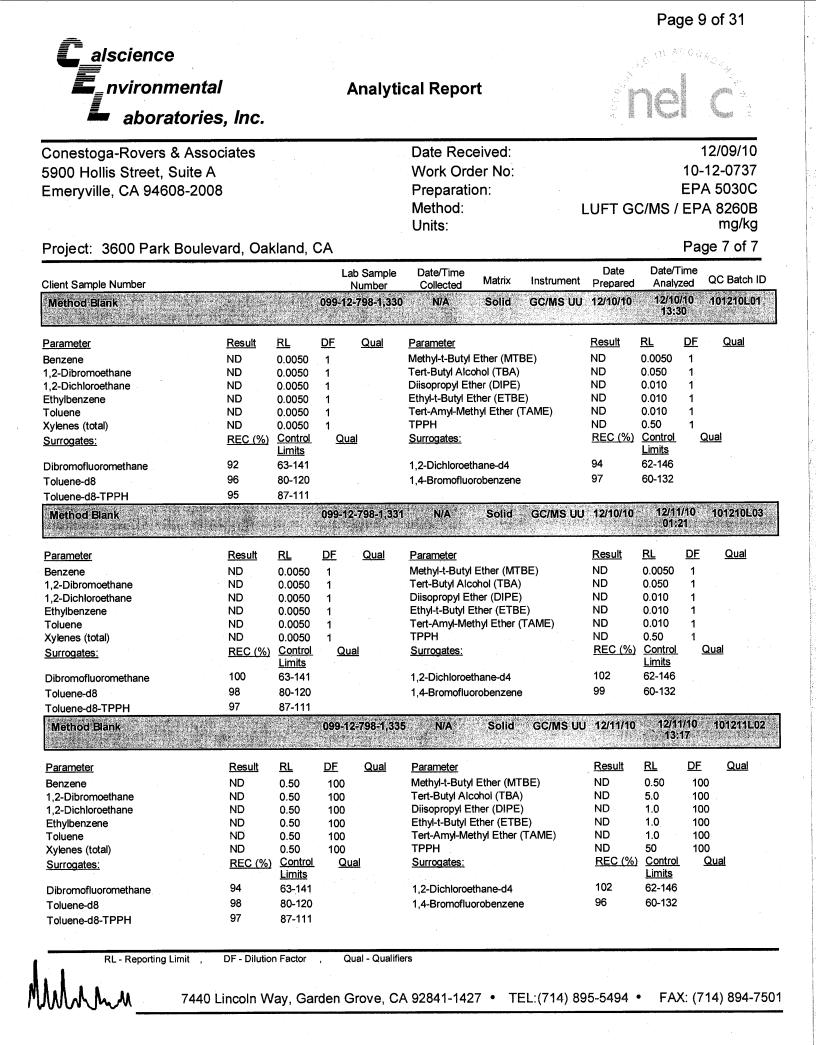
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1

Qual

LUFT GC/MS / EPA 8260B

mg/kg



						Page	10 of 31
<i>C</i> alscience <i>nvironmental</i> <i>aboratories, Inc.</i>	Analytic	cal Repo	ort				
Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008		Date Rec Work Orc Preparati Method:	ler No:			EPA 307	12/09/10 -12-0737 10A Total PA 6010B
Project: 3600 Park Boulevard, Oakland, C	A					Pa	ge 1 of 1
Client Sample Number UST-W1	Lab Sample Number 10-12-0737-1-D	Date/Time Collected 12/08/10 11:50	Matrix Aqueous	Instrument	Date Prepared 12/10/10	Date/Time Analyzed 12/14/10 13:30	QC Batch ID 101210LA2

<u>RL</u> <u>DF</u> Result 0.0100 0.112 1 mg/L Lead 12/11/10 13:49 Method Blank N/A 101210LA2 Aqueous ICP 5300 12/10/10 097-01-003-11,216

<u>Qual</u>

<u>Units</u>

Parameter	Result	<u>RL</u>	DF	Qual	<u>Units</u>
Lead	ND	0.0100	1		mg/L

RL - Reporting Limit , DF - Dilution Factor Qual - Qualifiers ,



Parameter

<i>alscience</i> <i>nvironmental</i> <i>aboratories</i>	I	Analyt							
	s, Inc.	Analy	tical Repo						
Conestoga-Rovers & Assoc 900 Hollis Street, Suite A Emeryville, CA 94608-2008			Date Rec Work Orc Preparati Method:	der No:			E	12/09/10 D-12-0737 PA 3050E PA 6010E	
Project: 3600 Park Boulev	ard, Oakland	, CA					P	age 1 of 4	
lient Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	a seconda de la compañía de la comp	Date/Time Analyzed	QC Batch I	
UST-1-2.5		10-12-0737-2-A	12/08/10 12:02	Solid	ICP 5300	12/10/10	12/10/10 19:58	101210L0	
<u>arameter</u> ead	<u>Result</u> 27.0	<u>RL</u> 0.500	<u>DF</u> 1	<u>Qual</u>	<u>Units</u> mg/kg				
UST-2-2.5		10-12-0737-3-A	12/08/10 12:04	Solid	ICP 5300	12/10/10	12/10/10 19:59	101210L0	
<u>arameter</u> ead	<u>Result</u> 5.85	<u>RL</u> 0.500	<u>DF</u> 1	Qual	<u>Units</u> mg/kg				
UST-3-2.6	n a P inera An an	10-12-0737-4-A	12/08/10 12:06	Solid	ICP 5300	12/10/10	12/10/10 20:00	101210L0	
arameter ead	<u>Result</u> 6.08	<u>RL</u> 0.500	<u>DF</u> 1	Qual	<u>Units</u> mg/kg	- <u>1</u>	, <u>, , , , , , , , , , , , , , , , , , </u>		
UST-4-2.5		10-12-0737-5-A	12/08/10 12:09	Solid	ICP 5300	12/10/10	12/10/10 20:02	101210L0	
arameter ead	<u>Result</u> 5.86	<u>RL</u> 0.500	<u>DF</u> 1	Qual	<u>Units</u> mg/kg			,	
UST-5-2.5		10-12-0737-6-A	12/08/10 12:15	Solid	ICP 5300	12/10/10	12/10/10 20:03	101210L(
arameter ead	<u>Result</u> 12.3	<u>RL</u> 0.500	<u>DF</u> 1	<u>Qual</u>	<u>Units</u> mg/kg	- · · ·			
UST-6-2.5		10-12-0737-7-A	12/08/10 12:24	Solid	ICP 5300	12/10/10	12/10/10 20:07	101210L(
arameter ead	<u>Result</u> 6.08	<u>RL</u> 0.500	<u>DF</u> 1	Qual	<u>Units</u> , mg/kg				

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aboratories,	Inc.					C a	IÇI	
Conestoga-Rovers & Associa 5900 Hollis Street, Suite A Emeryville, CA 94608-2008	tes		Date Rec Work Orc Preparati Method:	ler No:			EF	12/09/10 0-12-0737 PA 3050B PA 6010B
Project: 3600 Park Boulevard	d, Oakland,	СА					Pa	age 2 of 4
Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UST-7-2.5		10-12-0737-8-A	12/08/10 12:28	Solid	ICP 5300	12/10/10	12/10/10 20:09	101210L02
Parameter Lead	<u>Result</u> 9.36	<u>RL</u> 0.500	<u>DF</u> 1	<u>Qual</u>	<u>Units</u> mg/kg			
UST-8-2.5		10-12-0737-9-A	12/08/10 12:35	Solid	ICP 5300	12/10/10	12/10/10 20:10	101210L02
Parameter Lead	<u>Result</u> 25.3	<u>RL</u> 0.500	<u>DF</u> 1	Qual	<u>Units</u> mg/kg	•		
P-1-5		. 10-12-0737-10-A	12/08/10 12:39	Solid	ICP 5300	12/10/10	12/10/10 20:12	101210L02
<u>Parameter</u> Lead	<u>Result</u> 6.50	<u>RL</u> 0.500	<u>DF</u> 1	<u>Qual</u>	<u>Units</u> mg/kg			
P-2-5			12/08/10 12:42	Solid	ICP 5300	12/10/10	12/10/10 20:13	101210L02
<u>Parameter</u> Lead	<u>Result</u> 5.83	<u>RL</u> 0.500	<u>DF</u> 1	<u>Qual</u>	<u>Units</u> mg/kg			
P:3-5		10-12-0737-12-4	12/08/10 12:44	Solid	ICP 5300	12/10/10	12/10/10 20:15	101210L02
<u>Parameter</u> Lead	<u>Result</u> 12.3	<u>RL</u> 0.500	<u>DF</u> 1	Qual	<u>Units</u> mg/kg			
DP-11-3.5+		10-12-0737-13-/	12/08/10 12:48	Solid	ICP 5300	12/10/10	12/10/10 20:16	101210L02
<u>Parameter</u> Lead	<u>Result</u> 3.33	<u>RL</u> 0.500	<u>DF</u> 1	<u>Qual</u>	<u>Units</u> mg/kg			
	•							
RL - Reporting Limit , DF	- Dilution Factor	, Qual - Qualifi	ers					
MAA A 7440 Line	coln Way, Ga	rden Grove, C	A 92841-142	27 • TI	EL:(714) 89)5-5494 •	FAX: (714) 894-750

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C _alscience						, ŝ	ligi 204 h V	
L _nvironmental		Analy	tical Repo	rt			no!	
aboratories,	Inc.						KÇ1	
Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008			Date Received: Work Order No: Preparation: Method:			10-12-0 EPA 30		12/09/10 12-0737 A 3050B A 6010B
Project: 3600 Park Bouleva	rd, Oakland	, CA					Pag	ge 3 of 4
Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
P-4-2.5		10-12-0737-14-/		Solid	ICP 5300	12/10/10	12/10/10 20:18	101210L02
<u>Parameter</u> Lead	<u>Result</u> 7.63	<u>RL</u> 0.500	<u>DF</u> 1	Qual	<u>Units</u> mg/kg			
DP-2-3.5	4	10-12-0737-15-/	A 12/08/10 12:54	Solid	ICP 5300	12/10/10	12/10/10 20:19	101210L02
Parameter Lead	<u>Result</u> 5.11	<u>RL</u> 0.500	<u>DF</u> 1	Qual	<u>Units</u> mg/kg			
DP-3-3.5		10-12-0737-16-	A 12/08/10 12:58	Solid	ICP 5300	12/10/10	12/10/10 20:21	101210L02
<u>Parameter</u> Lead	<u>Result</u> 5.79	<u>RL</u> 0.500	<u>DF</u> 1	Qual	<u>Units</u> mg/kg			
P-5-3	n an	10-12-0737-17-	A 12/08/10 13:01	Solid	ICP 5300	12/10/10	12/10/10 20:25	101210102
<u>Parameter</u> Lead	<u>Result</u> 6.13	<u>RL</u> 0.500	<u>DF</u> 1	<u>Qual</u>	<u>Units</u> mg/kg			
DP-4-3.5	aturi di sa 200 Nationalia Nationalia	10-12-0737-18-	A 12/08/10 13:04	Solid	ICP 5300	12/10/10	12/10/10 20:26	101210L02
<u>Parameter</u> Lead	<u>Result</u> 6.63	<u>RL</u> 0.500	<u>DF</u> 1	<u>Qual</u>	<u>Units</u> mg/kg		. ı	
P-6-3.5		10-12-0737-19-	A 12/08/10 13:06	Solid	ICP 5300	12/10/10	12/10/10 20:28	101210L02
<u>Parameter</u> Lead	<u>Result</u> 4.83	<u>RL</u> 0.500	<u>DF</u> 1	Qual	<u>Units</u> mg/kg			

RL - Reporting Limit , DF - Dilution Factor Qual - Qualifiers ,

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 •

FAX: (714) 894-7501

<i>C</i> alscience <i>L</i> nvironmental <i>aboratories, Inc.</i>	Analytical Report	
Conestoga-Rovers & Associates	Date Received:	12/09/10
5900 Hollis Street, Suite A	Work Order No:	10-12-0737
Emeryville, CA 94608-2008	Preparation:	EPA 3050B
•	Method:	EPA 6010B

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Page 4 of 4

Project: 3600 Park Boulevard, Oakland, CA

Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank		097-01-002-14	,421 N/A	Solid	ICP 5300	12/10/10	12/10/10 19:39	101210L02
Parameter	<u>Result</u>	<u>RL</u>	DF	Qual	<u>Units</u>			
Lead	ND	0.500	1		mg/kg			



Page	15	of	31
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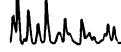
Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008

Date Received: Work Order No: Preparation: Method: 12/09/10 10-12-0737 EPA 3005A Filt. EPA 6010B

Project 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared			MS/MSD Batch Number	
10-12-0832-2	Aqueous	ICP 5300	12/10/10	ing tan Kata Kata Par	12/11/10	101210SA2	
Parameter	MS %REC	MSD %REC	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CI</u>	Qualifiers	
Lead	103	104	84-120	1	0-7		

RPD - Relative Percent Difference, CL - Control Limit



<i>Calscience</i> <i>nvironmental</i> Qualit <i>aboratories, Inc.</i>	y Control - Spike/Spike Duplicate	
Conestoga-Rovers & Associates	Date Received:	12/09/10
5900 Hollis Street, Suite A	Work Order No:	10-12-0737
Emeryville, CA 94608-2008	Preparation:	EPA 3050B

Method:

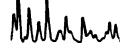
Page 16 of 31

EPA 6010B

Project 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date Analyzed	MS/MSD Batch Number
P:1-5	Solid	ICP 5300	12/10/10		12/10/10	101210802
Parameter	MS %REC	MSD %REC	<u>%REC CL</u>	<u>RPD</u>	RPD CL	Qualifiers
Lead	103	103	75-125	0	0-20	

RPD - Relative Percent Difference, CL - Control Limit







Conestoga-Rovers & AssociatesDate Received:5900 Hollis Street, Suite AWork Order No:Emeryville, CA 94608-2008Preparation:Method:LUF

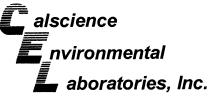
12/09/10 10-12-0737 EPA 5030C LUFT GC/MS / EPA 8260B

Project 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	A	Date I nalyzed	NS/MSD Batch Number
10-12-0561-1	Aqueou	s GC/MS RR	12/11/10		2/11/10	101211501
			i.			
Parameter	MS %REC	MSD %REC	<u>%REC CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Benzene	90	87	78-120	2	0-20	
Carbon Tetrachloride	87	85	67-139	2	0-20	
Chlorobenzene	94	92	80-120	3	0-20	
1,2-Dibromoethane	95	94	80-123	2	0-20	
1,2-Dichlorobenzene	94	91	76-120	3	0-20	
1,2-Dichloroethane	96	93	76-130	4	0-20	
1,1-Dichloroethene	88	85	70-130	3	0-27	
Ethylbenzene	93	91	73-127	2	0-20	
Toluene	92	89	72-126	3	0-20	
Trichloroethene	91	89	74-122	2	0-20	
Vinyl Chloride	102	95	65-131	7	0-24	
Methyl-t-Butyl Ether (MTBE)	89	86	69-123	4	0-20	
Tert-Butyl Alcohol (TBA)	. 97	98	65-131	1 [.]	0-22	
Diisopropyl Ether (DIPE)	95	89	68-128	6	0-22	
Ethyl-t-Butyl Ether (ETBE)	92	88	69-123	4	0-21	
Tert-Amyl-Methyl Ether (TAME)	90	87	70-124	3	0-20	
Ethanol	98	98	41-155	0	0-35	

RPD - Relative Percent Difference, CL - Control Limit

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Conestoga-Rovers & Associates 5900 Hollis Street, Suite A

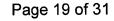
Emeryville, CA 94608-2008

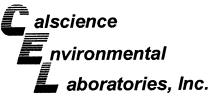
Date Received: Work Order No: Preparation: Method:

12/09/10 10-12-0737 EPA 5030C LUFT GC/MS / EPA 8260B

Project 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date Analyzed	MS/MSD Batch Number	
UST-2-2.5	Solid	GC/MS UU	12/09/10		12/10/10	101210S01	
Parameter	MS %REC	MSD %REC	<u>%REC CL</u>	<u>RPD</u>	RPD CL	Qualifiers	
Benzene	103	97	61-127	7	0-20		
Carbon Tetrachloride	100	95	51-135	5	0-29		
Chlorobenzene	101	92	57-123	9	0-20		
1,2-Dibromoethane	99	94	64-124	6	0-20		
1,2-Dichlorobenzene	100	95	35-131	5	0-25		
1,2-Dichloroethane	94	90	80-120	4	0-20		
1,1-Dichloroethene	95	101	47-143	6	0-25		
Ethylbenzene	104	97	57-129	7	0-22		
Toluene	99	96	63-123	2	0-20		
Trichloroethene	100	95	44-158	5	0-20		
Vinyl Chloride	95	93	49-139	3	0-47		
Methyl-t-Butyl Ether (MTBE)	88	89	57-123	1	0-21		
Tert-Butyl Alcohol (TBA)	、 97	90	30-168	7	0-34		
Diisopropyl Ether (DIPE)	90	91	57-129	1	0-20		
Ethyl-t-Butyl Ether (ETBE)	84	86	55-127	1	0-20		
Tert-Amyl-Methyl Ether (TAME)	86	88	58-124	2	0-20		
Ethanol	112	103	17-167	8	0-47		







Conestoga-Rovers & AssociatesDate Received:5900 Hollis Street, Suite AWork Order No:Emeryville, CA 94608-2008Preparation:Method:Method:

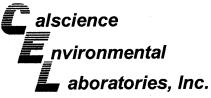
12/09/10 10-12-0737 EPA 5030C LUFT GC/MS / EPA 8260B

Project 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Matrix Instrument			Date Analyzed	MS/MSD Batch Number	
P-4-2:5	Solid	GC/MS UU	12/09/10		12/11/10	101210S02	
Parameter	MS %REC	MSD %REC	<u>%REC CL</u>	<u>RPD</u>	RPD CL	Qualifiers	
Benzene	98	93	61-127	4	0-20		
Carbon Tetrachloride	97	92	51-135	5	0-29		
Chlorobenzene	95	85	57-123	11	0-20		
1,2-Dibromoethane	98	86	64-124	13	0-20		
1,2-Dichlorobenzene	92	85	35-131	8	0-25		
1,2-Dichloroethane	94	87	80-120	8	0-20		
1,1-Dichloroethene	94	91	47-143	3	0-25		
Ethylbenzene	99	91	57-129	9	0-22		
Toluene	94	91	63-123	4	0-20		
Trichloroethene	95	91	44-158	5	0-20		
Vinyl Chloride	97	98	49-139	2	0-47		
Methyl-t-Butyl Ether (MTBE)	83	77	57-123	8	0-21		
Tert-Butyl Alcohol (TBA)	98	87	30-168	12	0-34		
Diisopropyl Ether (DIPE)	92	86	57-129	6	0-20		
Ethyl-t-Butyl Ether (ETBE)	81	75	55-127	.7	0-20		
Tert-Amyl-Methyl Ether (TAME)	80	76	58-124	4	0-20		
Ethanol	110	93	17-167	17	0-47		









Conestoga-Rovers & Associates

5900 Hollis Street, Suite A Emeryville, CA 94608-2008 Date Received: Work Order No: Preparation: Method:

12/09/10 10-12-0737 EPA 5030C LUFT GC/MS / EPA 8260B

Project 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date alyzed	MS/MSD Batch Number
10-12-0601-8	Solid	GC/MS UU	12/08/10	.12	/11/10	101211501
Parameter	MS %REC	MSD %REC	%REC CL	<u>RPD</u>	RPD CL	Qualifiers
Benzene	99	102	61-127	3	0-20	
Carbon Tetrachloride	95	104	51-135	8	0-29	
Chlorobenzene	96	99	57-123	3	0-20	
1,2-Dibromoethane	98	100	64-124	2	0-20	
1,2-Dichlorobenzene	96	98	35-131	2	0-25	
1,2-Dichloroethane	95	95	80-120	0	0-20	
1,1-Dichloroethene	92	96	47-143	4	0-25	
Ethylbenzene	101	106	57-129	4	0-22	
Toluene	98	103	63-123	5	0-20	
Trichloroethene	97	100	44-158	3	0-20	
Vinyl Chloride	94	106	49-139	12	0-47	14 C
Methyl-t-Butyl Ether (MTBE)	75	84	57-123	11	0-21	
Tert-Butyl Alcohol (TBA)	102	101	30-168	0	0-34	
Diisopropyl Ether (DIPE)	85	93	57-129	9	0-20	
Ethyl-t-Butyl Ether (ETBE)	72	80	55-127	10	0-20	
Tert-Amyl-Methyl Ether (TAME)	79	82	58-124	4	0-20	
Ethanol	125	132	17-167	5	0-47	

RPD - Relative Percent Difference, CL - Control Limit

Ρ	age	21	of	31





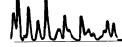
Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008

Date Received: Work Order No: Preparation: Method: N/A 10-12-0737 EPA 3010A Total EPA 6010B

Project: 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date nstrument Prepared		LCS/LCSD Bate Number	ch
097-01-003-11,216	Aqueous	ICP 5300	12/10/10	12/11/10	101210LA2	
Parameter	LCS %	REC LCSD	<u>%REC %F</u>	REC CL RPI	D RPD CL	Qualifiers
Lead	107	107	·	30-120 0	0-20	

RPD - Relative Percent Difference, CL - Control Limit



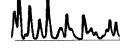
Calscience Invironmental Laboratories, Inc.	Quality Control -	LCS/LCS Duplicate		
Conestoga-Rovers & Associates		Date Received:		N/A
5900 Hollis Street, Suite A		Work Order No:	10	-12-0737
Emeryville, CA 94608-2008		Preparation:	EP	A 3050B
• • •		Method:	EP	PA 6010B

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Project: 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyze	d	LCS/LCSD Bato Number	h
097-01-002-14,421	Solid	ICP 5300	12/10/10	12/10/10		101210L02	n Albert and States and Stat
Parameter	LCS %RE	C LCSD %	REC <u>%</u> F	REC CL	RPD	RPD CL	Qualifiers
Lead	108	108	8	30-120	1	0-20	

RPD - Relative Percent Difference, CL - Control Limit





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Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008 Date Received: Work Order No: Preparation: Method: N/A 10-12-0737 EPA 5030C LUFT GC/MS / EPA 8260B

Project: 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Matrix Instrument		Date Analyzed		LCS/LCSD Batch Number	
099-12-767-5;027	Aqueous	GC/MS RR	12/11/10	12/11	/10	101211L	01
Parameter	LCS %REC	LCSD %REC	<u>%REC CL</u>	ME_CL	<u>RPD</u>	RPD CL	Qualifiers
Benzene	95	93	80-120	73-127	2	0-20	
Carbon Tetrachloride	91	90	66-138	54-150	1	0-20	
Chiorobenzene	99	99	80-120	73-127	1	0-20	
1,2-Dibromoethane	100	98	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	100	100	80-120	73-127	0	0-20	
1,2-Dichloroethane	96	96	80-129	72-137	1	0-20	
1,1-Dichloroethene	91	89	71-131	61-141	2	0-20	
Ethylbenzene	99	98	80-123	73-130	1	0-20	
Toluene	94	93	79-121	72-128	· 1	0-20	
Trichloroethene	97	96	80-120	73-127	2	0-20	
Vinyl Chloride	99	96	70-136	59-147	3	0-20	
Methyl-t-Butyl Ether (MTBE)	91	89	72-126	63-135	3	0-22	
Tert-Butyl Alcohol (TBA)	91	90	71-125	62-134	0	0-25	
Diisopropyl Ether (DIPE)	95	93	69-129	59-139	3	0-20	
Ethyl-t-Butyl Ether (ETBE)	94	91	69-129	59-139	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	92	92	67-133	56-144	1	0-20	
Ethanol	89	90	47-155	29-173	2	0-36	
ТРРН	90	90	65-135	53-147	0	0-30	

 Total number of LCS compounds :
 18

 Total number of ME compounds :
 0

 Total number of ME compounds allowed :
 2

 LCS ME CL validation result :
 Pass

RPD - Relative Percent Difference , CL - Control Limit

1







Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008 Date Received: Work Order No: Preparation: Method: N/A 10-12-0737 EPA 5030C LUFT GC/MS / EPA 8260B

Project: 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed 12/10/10		LCS/LCSD Batch Number	
099-12-798-1,330	Solid	GC/MS UU	12/10/10			101210L	01
Parameter	LCS %REC	LCSD %REC	<u>%REC CL</u>	ME_CL	<u>RPD</u>	RPD CL	Qualifiers
Benzene	99	97	78-120	71-127	2	0-20	
Carbon Tetrachloride	90	92	49-139	34-154	1	0-20	
Chlorobenzene	97	96	79-120	72-127	1	0-20	
1,2-Dibromoethane	98	98	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	100	99	75-120	68-128	1	0-20	
1,2-Dichloroethane	93	92	80-120	73-127	0	0-20	
1,1-Dichloroethene	86	86	74-122	66-130	0	0-20	
Ethylbenzene	99	- 99	76-120	69-127	1	0-20	
Toluene	96	97	77-120	70-127	1	0-20	
Trichloroethene	96	95	80-120	73-127	1	0-20	
Vinyl Chloride	95	98	68-122	59-131	3	0-20	
Methyl-t-Butyl Ether (MTBE)	88	91	77-120	70-127	3	0-20	
Tert-Butyl Alcohol (TBA)	98	94	68-122	59-131	4	0-20	
Diisopropyl Ether (DIPE)	89	91	78-120	71-127	2	0-20	
Ethyl-t-Butyl Ether (ETBE)	87	89	78-120	71-127	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	93	93	75-120	68-128	0	0-20	
Ethanol	107	103	56-140	42-154	4	0-20	
TPPH	97	96	65-135	53-147	1	0-30	

 Total number of LCS compounds :
 18

 Total number of ME compounds :
 0

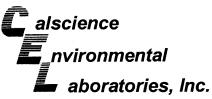
 Total number of ME compounds allowed :
 10

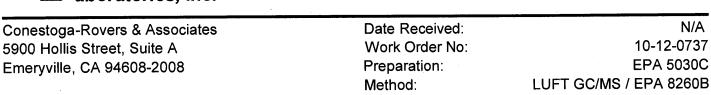
 LCS ME CL validation result :
 Pass

RPD - Relative Percent Difference , CL - Control Limit

1







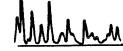
Project: 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed 12/10/10		LCS/LCSD Batch Number	
099-12-798-1,331	Solid	GC/MS UU	12/10/10			101210L	03
Parameter	LCS %REC	LCSD %REC	<u>%REC CL</u>	ME_CL	<u>RPD</u>	RPD CL	Qualifiers
Benzene	99	101	78-120	71-127	2	0-20	
Carbon Tetrachloride	98	97	49-139	34-154	. 0	0-20	
Chlorobenzene	97	96	79-120	72-127	0	0-20	
1,2-Dibromoethane	100	101	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	96	96	75-120	68-128	1	0-20	
1,2-Dichloroethane	96	100	80-120	73-127	4	0-20	
1,1-Dichloroethene	98	98	74-122	66-130	۰0	0-20	7
Ethylbenzene	98	99	76-120	69-127	2	0-20	
Toluene	98	98	77-120	70-127	0	0-20	
Trichloroethene	100	100	80-120	73-127	0	0-20	
Vinyl Chloride	99	102	68-122	59-131	3	0-20	
Methyl-t-Butyl Ether (MTBE)	88	90	77-120	70-127	2	0-20	
Tert-Butyl Alcohol (TBA)	95	104	68-122	59-131	9	0-20	
Diisopropyl Ether (DIPE)	96	95	78-120	71-127	2	0-20	
Ethyl-t-Butyl Ether (ETBE)	84	84	78-120	71-127	. 0	0-20	
Tert-Amyl-Methyl Ether (TAME)	85	86	75-120	68-128	2	0-20	
Ethanol	107	128	56-140	42-154	17	0-20	
TPPH	97	96	65-135	53-147	1	0-30	

Total number of LCS compounds : 18 Total number of ME compounds : 0 Total number of ME compounds allowed : LCS ME CL validation result : Pass

RPD - Relative Percent Difference, CL - Control Limit

1



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Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008 Date Received: Work Order No: Preparation: Method: N/A 10-12-0737 EPA 5030C LUFT GC/MS / EPA 8260B

Project: 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed 12/11/10		LCS/LCSD Batch Number	
099-12-798-1,335	Solid	GC/MS UU	12/11/10			101211L	02
Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	<u>RPD</u>	RPD CL	Qualifiers
Benzene	101	99	78-120	71-127	2	0-20	
Carbon Tetrachloride	98	97	49-139	34-154	1	0-20	
Chlorobenzene	98	97	79-120	72-127	1	0-20	
1,2-Dibromoethane	101	99	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	104	97	75-120	68-128	7	0-20	
1,2-Dichloroethane	96	96	80-120	73-127	0	0-20	
1,1-Dichloroethene	92	94	74-122	66-130	2	0-20	
Ethylbenzene	100	99	76-120	69-127	0	0-20	
Toluene	99	98	77-120	70-127	1	0-20	
Trichloroethene	99	98	80-120	73-127	1	0-20	
Vinyl Chloride	. 100	103	68-122	59-131	2	0-20	
Methyl-t-Butyl Ether (MTBE)	90	90	77-120	70-127	1	0-20	
Tert-Butyl Alcohol (TBA)	99	91	68-122	59-131	8	0-20	
Diisopropyl Ether (DIPE)	96	95	78-120	71-127	2	0-20	
Ethyl-t-Butyl Ether (ETBE)	85	86	78-120	71-127	. 1	0-20	
Tert-Amyl-Methyl Ether (TAME)	86	86	75-120	68-128	0	0-20	
Ethanol	110	106	56-140	42-154	4	0-20	
ТРРН	97	98	65-135	53-147	1	0-30	

 Total number of LCS compounds :
 18

 Total number of ME compounds :
 0

 Total number of ME compounds allowed :
 LCS ME CL validation result :

 Pass

RPD - Relative Percent Difference , CL - Control Limit

1



7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501

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Page 27 of 31



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Glossary of Terms and Qualifiers

Work Order Number: 10-12-0737

Qualifier	Definition
<u>Quaimer</u> *	
	See applicable analysis comment. Less than the indicated value.
<	Greater than the indicated value.
>	
1	Surrogate compound recovery was out of control due to a required sample dilution,
0	therefore, the sample data was reported without further clarification. Surrogate compound recovery was out of control due to matrix interference. The
2	associated method blank surrogate spike compound was in control and, therefore, the
	sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out
Ŭ	of control due to matrix interference. The associated LCS and/or LCSD was in control
	and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD
	was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control
	due to a matrix interference effect. The associated batch LCS/LCSD was in control and,
	hence, the associated sample data was reported without further clarification.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
J	Analyte was detected at a concentration below the reporting limit and above the
	laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter
	concentration in the sample exceeding the spike concentration by a factor of four or
	greater.
Х	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not
	corrected for % moisture.

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	19 510-420-9170 <u>pschaefer@craworid.com</u>				Sc	Scott Lewis $12 - 0737$										おチ														
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						RATE APPLIE	S	Purgeable (8260B)	(<u>8</u>					+ MTBE + TBA (8260B)	BTEX + 5 0XYs (MTBE, TBA, DIPE, TAME, ETBE) 8260B		.(826				1	Method								
Copy of final report to Shell.Lab.Billing@craworld.cc	m							để	Extractable				(8260B)	ğ	MTB VE) 8	8														
			Z RECEI	PT VERIF	ICATION R	EQUESTED		ğ	, Et	-		_	Ш (8)		Ys (I	(826		8	. [ê	16M	EPA					ľ			
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Field Sample Identification	DATE	TIME	MATRIX	\square			NO.			TPHg (8016M)		BTEX (5260B)	BTEX + MTBE	*	÷Р Май	Full VOC IIst (8260B)	Single Compound:	1,2-DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	total lead						Container	PID Reading	gs
Field Sample Identification	DATE	1 111/12		на, н	NO3 H2504		IER .	TPH	Ţ₽	₽		BTE	BTE	BTEX	BTE DIP	Full	Sla	4		Ë	Met	tota						or Labor	atory Notes	1
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Page 28 of 31

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MOTIVA RETAIL	SHELL RETAIL	Peter Schaefer 240937	
CONSULTANT		PO # SAP.#	

CALSC	IENCE (-) I		Ple	ase Chec	k Appr	opri	ate Bo	oX:			Prin	t Bil	l To G	Con	tact	Nan	1e:					HNC	IDE	NT #	(EN	V SER	VICE	S) [CK IF NO INCIDENT # APPLIES
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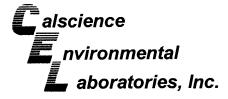
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TEP 1 - Use the "Send Label to Printer" button on t TEP 2 - Fold this page in half. TEP 3 - Securely attach this label to your package,	e, if you do not have scheduled daily pickup service	et printer.
DDITIONAL OPTIONS: Send Label Via Email Create Retu	rn Label	

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section. Our liability for loss or damage to any package is limited to your actual damages or \$100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is \$500. For other shipments the highest declared value we allow is \$500. Items of "extraordinary value", in which case the highest declared value we allow is \$500. Items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.

	Page 31 of 31
Calscience WORK ORDER #: 10-1	1 2- 0737
SAMPLE RECEIPT FORM	Cooler 1 of 1
~	Cooler of
CLIENT: <u>CRA</u> DATE	: <u>12/09/10</u>
TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)	
Temperature <u>3.3</u> °C + 0.5°C (CF) = <u>3.6</u> °C IF Blank	a 🗆 Sample
□ Sample(s) outside temperature criteria (PM/APM contacted by:).	
□ Sample(s) outside temperature criteria but received on ice/chilled on same day of sam	pling.
Received at ambient temperature, placed on ice for transport by Courier.	
Ambient Temperature:	Initial:
CUSTODY SEALS INTACT:	
□Cooler □ □ No (Not Intact) □ Not Present □ N/	
□ Sample □ □ No (Not Intact) ☑ Not Present	Initial:
SAMPLE CONDITION: Yes	No N/A
Chain-Of-Custody (COC) document(s) received with samples	
COC document(s) received complete	
Collection date/time, matrix, and/or # of containers logged in based on sample labels.	
□ No analysis requested. □ Not relinquished. □ No date/time relinquished.	e
Sampler's name indicated on COC	
Sample container label(s) consistent with COC	
Sample container(s) intact and good condition	
Proper containers and sufficient volume for analyses requested	
Analyses received within holding time	
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	
Proper preservation noted on COC or sample container	
Unpreserved vials received for Volatiles analysis	
Volatile analysis container(s) free of headspace	
Tedlar bag(s) free of condensation	
Solid: 40zCGJ BozCGJ 160zCGJ Sleeve (S) EnCores [®] Te	rraCores [®] □
Water: DVOA ZVOAh DVOAna ₂ D125AGB D125AGBh D125AGBp D1AG	B □1AGB na₂ □1AGB s
□500AGB □500AGJ □500AGJs □250AGB □250CGB □250CGBs □1PE	3 □500PB □500PB na
□250PB ☑250PBn □125PB □125PBznna □100PJ □100PJna ₂ □ □]
Air: □Tedlar [®] □Summa [®] Other: □ Trip Blank Lot#: Label	
Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Preservative: h: HCL n: HNO ₃ na ₂ :Na ₂ S ₂ O ₃ na: NaOH p: H ₃ PO ₄ s: H ₂ SO ₄ znna: ZnAc ₂ +NaOH f: Field-filter	Reviewed by: <u>W7</u> ed Scanned by: W7
	SOP T100_090 (09/13/1

SOP T100_090 (0	9/13/10)
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December 14, 2010

Peter Schaefer Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008

Subject: Calscience Work Order No.: 10-12-0738 Client Reference: 3600 Park Boulevard, Oakland, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/9/2010 and analyzed in accordance with the attached chain-of-custody.

Page 1 of 20

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental Laboratories, Inc. Xuan H. Dang Project Manager

 NELAP ID: 03220CA
 DoD-ELAP ID: L10-41
 CSDLAC ID: 10109
 SCAQMD ID: 93LA0830

 7440 Lincoln Way, Garden Grove, CA 92841-1427
 TEL:(714) 895-5494
 FAX: (714) 894-7501

							Page	2 of 20		
<i>C</i> alscience <i>nvironmental</i> <i>aboratories</i> ,	Inc.	Analyti	cal Repo	rt						
Conestoga-Rovers & Associa 5900 Hollis Street, Suite A Emeryville, CA 94608-2008	tes		Date Rec Work Ord Preparatio Method:	ler No:		-	EF	12/09/10 -12-0738 PA 3550B PA 8015B		
Project: 3600 Park Boulevar	d, Oakland, C	CA					Ра	ge 1 of 1		
Client Sample Number		Lab Sample Number 10-12-0738-9-A	Date/Time Collected 12/08/10 00:00	Matrix Solid	Instrument GC 47	Date Prepared 12/09/10	Date/Time Analyzed 12/09/10 20:47	QC Batch ID 101209B09		
Parameter Diesel Range Organics	<u>Result</u> ND	<u>RL</u> 5.0	<u>DF</u> 1	<u>Qual</u>	<u>Units</u> mg/kg					
<u>Surrogates:</u> Decachlorobiphenyl	<u>REC (%)</u> 101	<u>Control Limits</u> 61-145		<u>Qual</u>	•		·			
SPT		10-12-0738-10-A	12/08/10 00:00	Solid	GC 47	12/09/10	12/09/10 21:02	101209809		
Parameter Diesel Range Organics	<u>Result</u> ND	<u>RL</u> 5.0	<u>DF</u> 1	Qual	<u>Units</u> mg/kg					
<u>Surrogates:</u> Decachlorobiphenyl	<u>REC (%)</u> 103	<u>Control Limits</u> 61-145		Qual						
Method Blank		099-12-025-1,61	2 N/A	Solid	GC 47	12/09/10	12/09/10 18:18	101209809		
Parameter Diesel Range Organics	<u>Result</u> ND	<u>RL</u> 5.0	<u>DF</u> 1	Qual	<u>Units</u> mg/kg	• • •				
<u>Surrogates:</u> Decachlorobiphenyl	<u>REC (%)</u> 98	<u>Control Limits</u> 61-145		Qual						

RL - Reporting Limit , DF - I

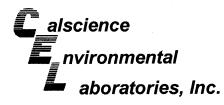
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aboratories,	Inc.	Analytic	cal Repo	rt			1el	
Conestoga-Rovers & Associa 5900 Hollis Street, Suite A Emeryville, CA 94608-2008	ates		Date Rec Work Ord Preparatio Method:	ler No:			EF	12/09/10 -12-0738 PA 3550B 015B (M)
Project: 3600 Park Bouleva	rd, Oakland,	СА					Pa	ige 1 of 1
Client Sample Number		Lab Sample Number 10-12-0738-9-A	Date/Time Collected 12/08/10 00:00	Matrix Solid	Instrument GC 47	Date Prepared 12/09/10	Date/Time Analyzed 12/09/10 20:47	QC Batch ID 101209B10
Parameter TPH as Motor Oil	<u>Result</u> ND	<u>RL</u> 25	<u>DF</u> 1	Qual	<u>Units</u> mg/kg			
<u>Surrogates:</u> Decachlorobiphenyl	<u>REC (%)</u> 101	Control Limits 61-145		<u>Qual</u>				
SP-T		10-12-0738-10-A	12/08/10 00:00	Solid	GC 47	12/09/10	12/09/10 21:02	101209B10
<u>Parameter</u> TPH as Motor Oil	<u>Result</u> ND	<u>RL</u> 25	<u>DF</u> 1	<u>Qual</u>	<u>Units</u> mg/kg			
Surrogates: Decachlorobiphenyl	<u>REC (%)</u> 103	Control Limits 61-145		Qual				
Method Blank	alle Stagen Stagen Same Staffet	099-12-254-1,787		Solid	GC 47	12/09/10	12/09/10 18:18	101209B10
<u>Parameter</u> TPH as Motor Oil	<u>Result</u> ND	<u>RL</u> 25	<u>DF</u> 1	<u>Qual</u>	<u>Units</u> mg/kg			
<u>Surrogates:</u> Decachlorobiphenyl	<u>REC (%)</u> 98	<u>Control Limits</u> 61-145		Qual				

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		Date Rece	eived:					12/09/10					
		Work Ord	er No:		10-12-0738								
		Preparatio	on:		EPA 5030C								
		Method: Units:		l	_UFT G	C/MS /	EP	A 8260B mg/kg					
, C	A						Pa	ge 1 of 1					
	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/T Analy		QC Batch ID					
	10-12-0738-9-A	12/08/10 00:00	Solid	GC/MS UU	12/09/10	12/10 02:0	a digi shin bashi buri	101209L03					
	DF Qual	Parameter			Result	RL	DF	Qual					
)	1 ·	Methyl-t-Butyl	Ether (MTE	BE)	ND	0.0050	1						
)	1	Tert-Butyl Alco	• •		ND	0.050	1						
)	1	Diisopropyl Eth			ND	0.010	1						
)	1	Ethyl-t-Butyl Et	•	,	ND	0.010	1						
)	1	Tert-Amyl-Met	nyi ⊨ther (IAME)	ND	0.010	1						
)	1	TPPH			ND BEC (%)	0.50	1	Qual					

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Emeryville, CA 94608-2008

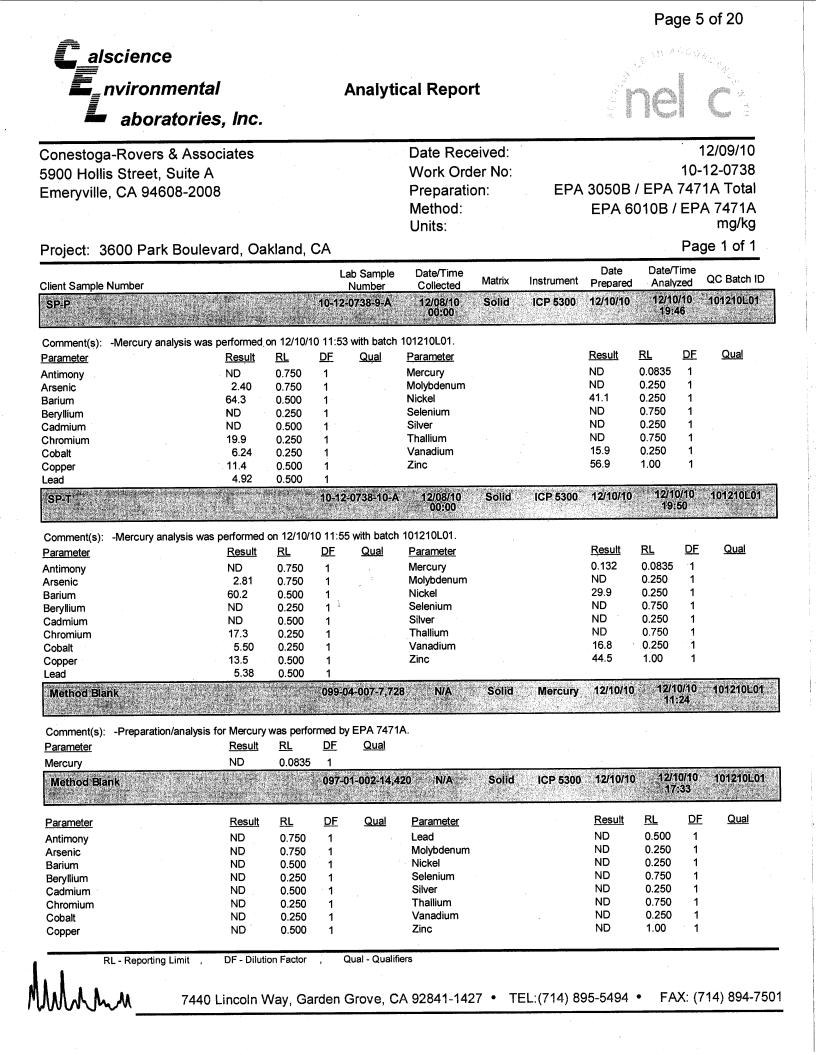
Project: 3600 Park Boulevard, Oakland

Conestoga-Rovers & Associates

5900 Hollis Street, Suite A

Client Sample Number 195 121 SP-P Parameter Result <u>RL</u> ND 0.0050 Benzene 0.0050 1.2-Dibromoethane ND 1,2-Dichloroethane ND 0.0050 ND Ethylbenzene 0.0050 ND Toluene 0.0050 Xylenes (total) ND 0.0050 **Control** REC (%) CONTROL Surrogates: Surrogates: Qual REC (%) <u>Limits</u> Limits 92 62-146 93 63-141 1.2-Dichloroethane-d4 Dibromofluoromethane 94 60-132 96 Toluene-d8 80-120 1,4-Bromofluorobenzene Toluene-d8-TPPH 96 87-111 12/10/10 101209L03 Sign St SP-T 10-12-0738-10-A 12/08/10 Solid GC/MS UU 12/09/10 00:00 03:52 DF Qual Result RL DE <u>Qual</u> Parameter Result RL Parameter Methyl-t-Butyl Ether (MTBE) ND 0.0050 ND 0.0050 1 Benzene 1 ND 0.0050 Tert-Butyl Alcohol (TBA) ND 0.050 1,2-Dibromoethane 1 1 1.2-Dichloroethane ND 0.0050 1 Diisopropyl Ether (DIPE) ND 0.010 1 ND Ethyl-t-Butyl Ether (ETBE) 0.010 Ethylbenzene ND 0.0050 1 1 ND Tert-Amyl-Methyl Ether (TAME) ND 0.010 1 Toluene 0.0050 1 TPPH ND ND 0.50 Xylenes (total) 0.0050 1 REC (%) Control Qual Control Surrogates: REC (%) Qual Surrogates: Limits Limits 96 62-146 96 Dibromofluoromethane 63-141 1,2-Dichloroethane-d4 95 60-132 97 Toluene-d8 80-120 1,4-Bromofluorobenzene 96 Toluene-d8-TPPH 87-111 12/10/10 101209L03 099-12-798-1,329 N/A Solid GC/MS UU 12/09/10 Method Blank 01:07 a di Malangan <u>RL</u> DF Qual Parameter **Result** RL <u>DF</u> <u>Qual</u> Parameter Result Methyl-t-Butyl Ether (MTBE) ND 0.0050 ND 0.0050 1 Benzene 1 Tert-Butyl Alcohol (TBA) ND 0.050 ND 0.0050 1 1,2-Dibromoethane 1 **Diisopropyl Ether (DIPE)** ND 0.010 ND 0.0050 1 1,2-Dichloroethane 1 Ethylbenzene ND 0.0050 1 Ethyl-t-Butyl Ether (ETBE) ND 0.010 1 ND 0.010 Tert-Amyl-Methyl Ether (TAME) Toluene ND 0.0050 1 1 TPPH ND 0.50 ND 0.0050 Xylenes (total) 1 REC (%) <u>Control</u> Qual REC (%) Control Qual Surrogates: Surrogates: <u>Limits</u> <u>Limits</u> 93 62-146 92 63-141 1.2-Dichloroethane-d4 Dibromofluoromethane 97 98 80-120 1,4-Bromofluorobenzene 60-132 Toluene-d8 97 87-111 Toluene-d8-TPPH DF - Dilution Factor Qual - Qualifiers RL - Reporting Limit .

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Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008

Date Received:	12/09/10
Work Order No:	10-12-0738
Preparation:	EPA 3050B
Method:	EPA 6010B

Project 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date Analyzed	MS/MSD Batch Number	
10-12-0751-3	Solid	ICP 5300	12/10/10	71	12/13/10	101210S01	
Parameter	MS %REC	MSD %REC	<u>%REC CL</u>	<u>RPD</u>	RPD CL	Qualifiers	
Antimony	26	27	50-115	7	0-20	3	
Arsenic	95	96	75-125	1	0-20		
Barium	71	84	75-125	3	0-20	3	
Beryllium	97	100	75-125	3	0-20		
Cadmium	94	94	75-125	1	0-20		
Chromium	103	107	75-125	3	0-20		
Cobalt	91	92	75-125	1	0-20		
Copper	101	103	75-125	2	0-20		
Lead	94	95	75-125	1	0-20		
Molybdenum	86	87	75-125	1	0-20		
Nickel	96	101	75-125	4	0-20		
Selenium	92	93	75-125	1	0-20		
Silver	101	104	75-125	3	0-20		
Thallium	84	86	75-125	2	0-20		
Vanadium	101	105	75-125	3	0-20		
Zinc	93	97	75-125	2	0-20		

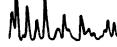


Calscience nvironmental Laboratories, Inc.	Quality Control - Spike/Spike Duplicate	
Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008	Date Received: Work Order No: Preparation: Method:	12/09/10 10-12-0738 EPA 3550B EPA 8015B

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Project 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date t Prepared		Date Analyzed	MS/MSD Batch Number
10-12-0732-1	Sõlid	GC 47	12/09/10		12/09/10	101209S09
Parameter	MS %REC	MSD %REC	%REC CL	<u>RPD</u>	RPD CL	Qualifiers
Diesel Range Organics	104	105	64-130	1	0-15	





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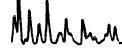
Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008 Date Received: Work Order No: Preparation: Method:

12/09/10 10-12-0738 EPA 3550B EPA 8015B (M)

Project 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix Instrument		Date Prepared		Date Analyzed	MS/MSD Batch Number	
10-12-0732-1	Solid	GC 47	12/09/10		12/09/10	101209\$10	
Parameter	MS %REC	MSD %REC	<u>%REC CL</u>	<u>RPD</u>	RPD CL	Qualifiers	
TPH as Motor Oil	98	104	64-130	6	0-15		

RPD - Relative Percent Difference, CL - Control Limit

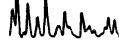


Conostaga Povers & Associates	Date Received	
📕 aboratories, Inc.		
nvironmental	Quality Control - Spike/Spike Duplicate	
C alscience		

Conestoga-Rovers & Associates	Date Received:	12/09/10
5900 Hollis Street, Suite A	Work Order No:	10-12-0738
Emeryville, CA 94608-2008	Preparation:	EPA 7471A Total
• ,	Method:	EPA 7471A

Project 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number	
10-12-0751-3	Solid	Mercury	12/10/10	12/10/10	101210S01	
Parameter	MS %REC	MSD %REC	%REC CL	RPD RPD	CL Qualifiers	
Mercury	91	90	71-137	1 0-14	1	



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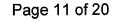


Conestoga-Rovers & Associates 5900 Hollis Street, Suite A	Date Received: Work Order No:	12/09/10 10-12-0738
Emeryville, CA 94608-2008	Preparation:	EPA 5030C
	Method:	LUFT GC/MS / EPA 8260B

Project 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix Instrument		Date Prepared		Date Analyzed	MS/MSD Batch Number
SP-P	Solid	GC/MS UU	12/09/10		12/10/10	101209502
Parameter	MS %REC	MSD %REC	%REC CL	<u>RPD</u>	RPD CL	Qualifiers
		and the c				
Benzene	92	88	61-127	5	0-20	
Carbon Tetrachloride	92	86	51-135	6	0-29	
Chlorobenzene	83	78	57-123	7	0-20	
1,2-Dibromoethane	97	92	64-124	5	0-20	
1,2-Dichlorobenzene	83	75	35-131	10	0-25	
1,2-Dichloroethane	89	86	80-120	3	0-20	
1,1-Dichloroethene	86	90	47-143	5	0-25	
Ethylbenzene	77	72	57-129	7	0-22	
Toluene	86	79	63-123	8	0-20	
Trichloroethene	135	129	44-158	5	0-20	
Vinyl Chloride	95	88	49-139	8	0-47	
Methyl-t-Butyl Ether (MTBE)	98	89	57-123	9	0-21	
Tert-Butyl Alcohol (TBA)	99	91	30-168	8	0-34	
Diisopropyl Ether (DIPE)	93	87	57-129	7	0-20	
Ethyl-t-Butyl Ether (ETBE)	94	87	55-127	7	0-20	
Tert-Amyl-Methyl Ether (TAME)	95	90	58-124	6	0-20	
Ethanol	68	64	17-167	7	0-47	

RPD - Relative Percent Difference, CL - Control Limit







Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008 Date Received:N/AWork Order No:10-12-0738Preparation:EPA 3050BMethod:EPA 6010B

Project: 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed		LCS/LCSD Batch Number	
097-01-002-14,420	Solid		12/10/10	12/10	/10	101210L	01
Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	<u>RPD CL</u>	<u>Qualifiers</u>
Antimony	103	102	80-120	73-127	1	0-20	
Arsenic	99	97	80-120	73-127	3	0-20	
Barium	103	102	80-120	73-127	1	0-20	
Beryllium	97	95	80-120	73-127	1	0-20	
Cadmium	102	103	80-120	73-127	1	0-20	
Chromium	101	101	80-120	73-127	0	0-20	
Cobalt	105	106	80-120	73-127	1	0-20	
Copper	99	99	80-120	73-127	1	0-20	
Lead	107	106	80-120	73-127	1	0-20	
Molybdenum	100	99	80-120	73-127	1	0-20	
Nickel	108	106	80-120	73-127	2	0-20	
Selenium	95	94	80-120	73-127	1	0-20	
Silver	101	99	80-120	73-127	1	0-20	
Thallium	102	100	80-120	73-127	2	0-20	
Vanadium	97	96	80-120	73-127	1	0-20	
Zinc	103	102	80-120	73-127	1	0-20	

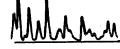
Total number of LCS compounds : 16

Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference, CL - Control Limit



Page	12	of	20
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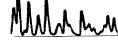


Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008 Date Received: Work Order No: Preparation: Method: N/A 10-12-0738 EPA 3550B EPA 8015B

Project: 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed		LCS/LCSD Bate Number	ch
099-12-025-1,612	Solid	GC 47	12/09/10	12/09/10		101209B09	
Parameter	LCS %F	EC LCSD	<u>%REC %R</u>	EC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	81	82	7	5-123	1	0-12	

RPD - Relative Percent Difference, CL - Control Limit





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Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008 Date Received: Work Order No: Preparation: Method: N/A 10-12-0738 EPA 3550B EPA 8015B (M)

Project: 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed		LCS/LCSD Batc Number	h
099-12-254-1,787	Solid	GC 47	12/09/10	12/09/10		101209B10	
Parameter	LCS %F	REC LCSD	<u>%REC %F</u>	REC CL F	RPD	RPD CL	Qualifiers
TPH as Motor Oil	93	83	7	/5-123	11	0-12	

RPD - Relative Percent Difference , CL - Control Limit



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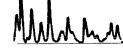
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Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008 Date Received: Work Order No: Preparation: Method: N/A 10-12-0738 EPA 7471A Total EPA 7471A

Project: 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyz		LCS/LCSD Bato Number	ch
099-04-007-7,728	Solid	Mercury	12/10/10	12/10/1	0	101210L01	National Alexandra National Alexandra National Alexandra
Parameter	LCS %RE		<u>6REC %</u>	<u>REC CL</u>	<u>RPD</u>	RPD CL	Qualifiers
Mercury	102	102		85-121	0	0-10	

RPD - Relative Percent Difference, CL - Control Limit







Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608-2008 Date Received: Work Order No: Preparation: Method: N/A 10-12-0738 EPA 5030C LUFT GC/MS / EPA 8260B

Project: 3600 Park Boulevard, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Da Anal		LCS/LCSD Numbe	
099-12-798-1,329	Solid	GC/MS UU	12/09/10	12/09	/10	101209L	03
Parameter	LCS %REC	LCSD %REC	<u>%REC CL</u>	ME_CL	RPD	RPD CL	Qualifiers
Benzene	98	90	78-120	71-127	. 9	0-20	
Carbon Tetrachloride	92	89	49-139	34-154	4	0-20	
Chlorobenzene	95	90	79-120	72-127	5	0-20	· · · ·
1,2-Dibromoethane	97	94	80-120	73-127	4	0-20	
1,2-Dichlorobenzene	94	87	75-120	68-128	7	0-20	
1,2-Dichloroethane	91	83	80-120	73-127	9	0-20	• · · · · ·
1,1-Dichloroethene	90	86	74-122	66-130	4	0-20	
Ethylbenzene	99	92	76-120	69-127	7	0-20	
Toluene	94	92	77-120	70-127	2	0-20	
Trichloroethene	93	90	80-120	73-127	3	0-20	
Vinyl Chloride	99	98	68-122	59-131	2	0-20	
Methyl-t-Butyl Ether (MTBE)	99	95	77-120	70-127	4	0-20	
Tert-Butyl Alcohol (TBA)	96	90	68-122	59-131	7	0-20	
Diisopropyl Ether (DIPE)	92	91	78-120	71-127	1	0-20	
Ethyl-t-Butyl Ether (ETBE)	97	93	78-120	71-127	4	0-20	
Tert-Amyl-Methyl Ether (TAME)	101	98	75-120	68-128	4	0-20	
Ethanol	84	88	56-140	42-154	4	0-20	
ТРРН	91	93	65-135	53-147	2	0-30	

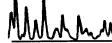
 Total number of LCS compounds :
 18

 Total number of ME compounds :
 0

 Total number of ME compounds allowed :
 10

 LCS ME CL validation result :
 Pass

1



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Glossary of Terms and Qualifiers



Work Order Number: 10-12-0738

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
В	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
Ε	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or
X	greater. % Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

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	AB (LOCATION)		•					Shel	10	il F	^{>} ro	du	icts	s C	ha	in	Of	Cι	isto	odv	Re	cc	ord			•				
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	AMERICA ()		IELL PIPELIN		OTHER				┤	<u> </u>	<u> </u>	<u> </u>		PO	#					<u> </u>			AP /	<u> </u>	<u> </u>			PAG	SE: L of Z	
			CLL PIPELIN																	_1	_1	3	5	6	8	9				
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TELEPHON		0	E-MAL:	psc	naefer@	craworld	.com		_		ewis.	•																use oi 12	- 0738	
	OUND TIME (CALENDAR DAYS): DARD (14 DAY) D 5 DAYS D 3 DAY	S	2 DAYS	24 H	OURS	a	RESULTS NE												RE	QUES	TED	NA	YSI	3						
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INICU NOU	ari Dupler, kdupler@craworld.com and Shell. TAT except for those contingent tests neede y determination (5 day TAT or better may ap	u ioi Aqui	<u>g@crawo</u> alic	Ind. color STAT EDD I EDD RECE	e reimbur Not Needi IPT Verifi	SEMENT E	RATE APPLIE	5	- Purgeable (8260B)	Extractable (8015M)		(8260B)	ŀ								_	5	Total (6010)					╞		
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Contingent analyses

- Organic lead required if TTLC lead \geq 13 mg/kg
- Aquatic bioassay required if any TPH (gasoline, diesel, or motor oil) \geq 5,000 mg/kg
- TCLP benzene required if benzene $\geq 10 \text{ mg/kg}$
- TCLP and STLC required for metals per table below

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Metal	Trigger level TTLC (mg/kg)	Requirement
Antimony	150	STLC required if TTLC \geq 150 mg/kg
Arsenic	50/100	STLC required if TTLC \geq 50 mg/kg; STLC and TCLP required if TTLC \geq 100 mg/kg
Barium	1,000/2,000	STLC required if TTLC \geq 1,000 mg/kg; STLC and TCLP required if TTLC \geq 2,000 mg/kg
Beryllium	7.5	STLC required if TTLC \geq 7.5 mg/kg
Cadmium	10/20	STLC required if TTLC \geq 10 mg/kg; STLC and TCLP required if TTLC \geq 20 mg/kg
Chromium	50/100	STLC required if TTLC \geq 20 mg/kg; STLC and TCLP required if TTLC \geq 100 mg/kg
Cobalt	800	STLC required if TTLC \geq 800 mg/kg
Copper	250	STLC required if TTLC $\geq 250 \text{ mg/kg}$
Lead	50/100	STLC required if TTLC \geq 50 mg/kg; STLC and TCLP required if TTLC \geq 100 mg/kg
Mercury	2/4	STLC required if TTLC $\geq 2 \text{ mg/kg}$; STLC and TCLP required if TTLC $\geq 4 \text{ mg/kg}$
Molybdenum	350	STLC required if TTLC \geq 350 mg/kg
Nickel	200	STLC required if TTLC \geq 200 mg/kg
Selenium	10/20	STLC required if TTLC \geq 10 mg/kg; STLC and TCLP required if TTLC \geq 20 mg/kg
Silver	50/100	STLC required if TTLC \geq 50 mg/kg; STLC and TCLP required if TTLC \geq 100 mg/kg
Thallium	70	STLC required if TTLC \geq 70 mg/kg
Vanadium	240	STLC required if TTLC \geq 240 mg/kg
Zinc	2,500	STLC required if TTLC \geq 2,500 mg/kg

GSO	<i>(WebShip)</i> 800-322-5555 www.gso.com							
Ship From: ALAN KEMP CAL SCIENCE- CONCORD 5063 COMMERCIAL CIRCLE #H	Tracking #: 515516089	NPS						
CONCORD, CA 94520	ORC	D						
SAMPLE RECEIVING CEL 7440 LINCOLN WAY	GARDEN GROVE	L						
GARDEN GROVE, CA 92841 COD: \$0.00	D92843A							
Reference: CRA Delivery Instructions:	869 5 3464							
Signature Type: SIGNATURE REQUIRED		Print Date : 12/08/10 16:29 PM Package 1 of 1						

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.

STEP 2 - Fold this page in half.

STEP 3 - Securely attach this label to your package, do not cover the barcode.

STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Create Return Label Send Label Via Email

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section. Our liability for loss or damage to any package is limited to your actual damages or \$100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is \$500. For other shipments the highest declared value is \$10,000 unless your package contains items of "extraordinary value", in which case the highest declared value we allow is \$500. Items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.

http://app.gso.com/Shipping/applabeldetail.aspx?x=drHn9ZoxM%2f3gEWF6ubOvuMSfE... 12/8/2010

			Page	20 of 20
Environmental	WORK ORDER #	: 10-12	2-07	38
Laboratories, inc. SAMPL	E RECEIPT FO	RM	Cooler	of
CLIENT: CRA			12/00	1
TEMPERATURE: Thermometer ID: SC1 (Crit				
Temperature $3 \cdot 3 \circ C + 0.5 \circ C$ (C		Blank	Sampl	-
□ Sample(s) outside temperature criteria (PM/A		Le Dialin	Li Sampi	e
□ Sample(s) outside temperature criteria but re		day of sampli	20	
□ Received at ambient temperature, placed			ng.	
Ambient Temperature:	on ice for utansport by c	ourier.	Initial	NP
			Initial	-H_
CUSTODY SEALS INTACT:				
Cooler No (No	ot Intact)	t 🗆 N/A	Initial	1: <u>~</u>
□ Sample □ □ No (No	ot Intact) 👘 💋 Not Present	t	Initial	1: YU
SAMPLE CONDITION:		Yes	No	N/A
Chain-Of-Custody (COC) document(s) receive				
COC document(s) received complete		•		
Collection date/time, matrix, and/or # of containers		S.		
□ No analysis requested. □ Not relinquished.				
Sampler's name indicated on COC				
Sample container label(s) consistent with COC		1		
Sample container(s) intact and good condition				
Proper containers and sufficient volume for an				
Analyses received within holding time				
pH / Residual Chlorine / Dissolved Sulfide rece				
Proper preservation noted on COC or sample	container	🗆		Z
Unpreserved vials received for Volatiles analysis				,
Volatile analysis container(s) free of headspac				
Tediar bag(s) free of condensation				Ø
Solid: □4ozCGJ □8ozCGJ □16ozCGJ ₽				
Water: VOA VOAh VOAna ₂ 125AG				
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Air: □Tedlar [®] □Summa [®] Other: □ Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Preservative: h: HCL n: HNO ₃ na ₂ :Na ₂ S ₂ O ₃ na: NaOH p:	Bottle Z: Ziploc/Resealable Bag E	: Envelope 🛛 🛛 🤻	Reviewed by:	PT

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APPENDIX B

BILLS OF LADING

STRAIGH	™BIL I	L OF LAD	ING - ORIGINAL - NOT NEGO	OTIABLE						
						Shippe	er's N	0		
ounder PHI	LLIP W	EST INDUS	STRIAL SERVICES			Carrie	r's No)		
RECEIVED, subject the categories of the categori	to individual unier and ar	lly determined rates e available to the si	STRIAL SERVICES SCAC _ or contracts that have been agreed upon in writing be hipper, on request; and all applicable state and federal	otween the carri regulations;	ier and shipper, if	applicable,	otherwis	e to the rates, class	ifications and rules	s ihat have been
at 395 WES		NNEL RD.	, date			from	BEN	ICIA, CA 94	510	
the Property descr (the word company route, or otherwise each party at any contained including	ibed below, y being und to deliver t time intere	, in apparent good lerstood throughout o another carrier or sted in all or any o tions on the back h	order, except as noted (contents and condition of cont t this contract as meaning any person or corporation in in the route to said destination. It is mutually agreed as of said Property that every service to be performed hu ereof, which are hereby agreed to by the shipper and a	tents of packag in possession of to each carrier ereunder shall accepted for hin	ies unknown), me of the property un of all or any of sa be subject to all mself and his assi	irked, consi der the cor aid Property the condition gns.	igned, ar ntract) ag y over all ons not j	nd destined as indic prees to carry to del or any portion of se prohibited by law, w	ated below, which ivery at said destin aid route to destina whether printed or	said company nation, if on its tion, and as to written, herein
S	HELL (DIL PRODU EZ REFINE	ICTS US	FROM: Shipper						
Consignee		ARINA VIST		1		Pa	rK	BIUOL		
Destination N	IARTIN	IEZ, CA	Zip 94303		Oaki				zip 941	610
Route						,				
Delivering Ca	rrier P S	30			Vehicle Nu	imber		U.S. DOT	Hazmat Re	g. No.
Number and Ty of Packages			Description of Artic	les		Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to	Class or Rate
1TT	X	UN1203	GASOLINE MIXTURE, ERG#1			3	п	4500	GAL.	
	······		Contains water with <10% oil bear station facilities that would be non-	ring mater -hazardou	lais and ma s under Fec	y includ ieral an	l <u>ə extr</u> d Sta	acted Groun e Waste clas	iwater from sification cri	servicé eria.
			SOP US Martinez Refinery Receiving Gate to direct driver to t For Offloading directions	the Effluer	nt Treatment	t Plant (Opera	tor (x3202)		
			SAP / INCIDENT #: RIPR #:		· · · · · · · · · · · · · · · · · · ·					
			CRA:							
				• • • • • • • • • • • • • • • • • • •						
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a			D.MAQ-10							
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NOTE: Where the the agreed or de	clared Value	endent on value, s e of the property.	shippers are required to state specifically in writing The agreed or declared value of the property is of exceeding \$ Per		nature of Consignor)		тот \$	AL CHARGES		
NOTE: Liability L 14706(c)(1)(A) and This is to certify the and tabeled, and a	imitation fo d (B). nat the above are in prope	or loss or damage ve-named materials r_condition for trans	In this shipment may be applicable. See 49 U.S.C s are properly classified, described, packaged, marke sportation according to the applicable regulations of the	ed PLACA REQUI	RED	YES		PLACARDS SUPPLIED DRIVER'S SIGNATURE:	BY SHIPPE	
Department of Tra	SHELL	OIL PROD	DATE: 12/1/1		PHILL	IP WE	ST IN C¢>	IDUSTRIAL Cruy	SERVICES	3 102-1-1
EMERGENCY))800-7472	Monit	Viored at all tim ling storage i	nes the H noldenta	lazard I to tra	ous Material is nsportation (17	in transportat 2.604).	ion
) (Day 0	/07)		27						

29.	BI	S-	C3	969	(Rev.	2/07)

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IP/REC 1	tip							IG REPO	RT		
11/1	CAME			ND NUMBER	1490	PURCHAS		UMBER	vard onts.		
	RECEI	VEC	FROM-		DIAC	<u> </u>			3rd copy, forward to Oil Movements.		TYPE OF TRANSACTION (Check One)
20209		ł		L					3rd co to Oil A		REFINERY
20309		Ĩ	200	100y	<u>K 151</u>	Vd		<u> </u>	ks ach 3		PURCHASE
20409		-)at	-lano					CTIO Det		STOCK RECEIPT
20509			<u></u>	-					INSTRUCTIONS ormation. Detact		OTHER - Specify
OR TREASURY U							10		INSTRUCTIONS unloading information. Detach (intact and supporting documents		
	AOD CARD I 1-3	<u> </u>	MISC CARD 1-3 415	ID ACCT O 45 42		611	KEY P	UNCH COLS. 1-11 L CARDS	iding and s		CONTAINERIZATION
VIC NUMBER 21.31			HE	MARKS/P.O. NU 38-48	MBER CARRI 68-71	ER FOI 2 78			unloa		RETURNED PRODUCTS
	DATE 21-26		.CC 27-	DE REV	IEWED BY -				Enter 1 & 2		CLOSED — Customer not opened
PRODUCT	ONTR		темр	GRAVITY	QUANTITY (EN	TER ONE) PACKAGES	SIZE	PRODU			REFUSED — Customer refused delivery
CODE 12-18	CODE 17-19		16MP 29-31	GRAVITY 32-36	38-42	30-35	bulk		4		DAMAGED — Container unacceptable
			·····					gasoline	mixture		WRONG PROD — Wrong product loaded
						:	· · · ·				Should have been
	76	ļ	40	1.18	2:091	12-01	10				
5].	-								PLANT RETURN - non-
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	<u>~v</u>	$\left \right $				· ·	66000	Steel Drums	Poturnari		
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							40	96			QUALITY VERIFICATION Quality OK
WEIGHTS 🕨	GROSS				TARE			NET 34/	20 net16	j ⊏	for analysis: Stores will be advised later as to
PREPARED BY	R	2	Re			RECEIVE	D BY] т/	quality AG NUMBERS
DEPARTMENT		_				TREASUR	APPROVA	L —		i -	· · · · · · · · · · · · · · · · · · ·
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STRAIGHT BILL OF LADING - ORIGINAL - NOT NEGOTIABLE									
			1011-0056		SI	hipper's	No		
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ASIADIISNED DV (NE CA)	ner and a		shipper, on request, and an applicable state and rederar	i togolaliono,					
the Property descrit (the word company route, or otherwise each party at any t	bed below being un to deliver ime intere	, in apparent good derstood throughou to another carrier o isted in all or any	order, except as noted (contents and condition of cont at this contract as meaning any person or corporation in the route to said destination. It is mulually agreed as of said Property that every service to be performed h nereol, which are hereby agreed to by the shipper and a	tents of packages in possession of the to each carrier of erounder shall be accepted for himse	unknown), marke he property under all or any of said subject to all the elf and his assions	d, consigned, the contract) Property over conditions no.	and destined as indic agrees to carry to dell all or any portion of sa ot prohibited by law, w	ated below, which ivery at said destin ild route to destina hether printed or t	said company atlon, if on its tion, and as to written, herein
TO: Sł		DIL PRODU	JCTS US	FROM:	SERVICE (·	
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Destination M	ARTIN	IEZ, CA	Zip 94303	Origin C	akla	na	, CA	Zip 941	OIQ
Route									
Delivering Car	rier P S	SC		V	ehicle Numl	142	V	Hazmat Reç	j. No.
Number and Typ of Packages	^e HM	I.D. Number	Description of Articl	les 		zard Pkg ass Grp		Weight (subject to correction)	Class or Rate
117	x	UN1203	GASOLINE MIXTURE, ERG#1	28		3 II	4500	GAL,	
			<u>Contains water with <10% oil bear</u> station facilities that would be non-	ing materialı hazardous t	s and may in Inder Feder	ncludə éx al and St	tracted Ground ate Waste class	water from s sification crit	ièrvicë eria.
			SOP US Martinez Refinery Receiving Gate to direct driver to the For Offloading directions	ihe Effluent 1	Freatment P	lant Oper	ator (x3202)		
			SAP / INCIDENT #: RIPR #: CRA:		·····		·····	· ·	
·				to too to the stand of the too too	19. 17. 19. 19. 19. 20. 19. 1 · · · · · · · · · · · · · · · · · ·				
			-						
Remit COD I Address: City:	0:	SI	tater Zin	shipment is to be d without recourse consignor shall sign t The carrier sha	lion 7 of conditions, elivered to the consi on the consignor he following statemen II not make delivery o ayment of freight a	ignee , the ht: of lhis)D AMT:	COD FE]
NOTE: Where the re	red value	of the property.	hippers are required to state specifically in writing The agreed or declared value of the property is		e of Consignor)	то \$	TAL CHARGES:	FREIGHT	CHARGES:
NOTE: Liability Lim 14706(c)(1)(A) and (This is to certily that and labeled, and are	Itation fo B). I the above in proper	r loss or damage e-named materials condition for trans	In this shipment may be applicable. See 49 U.S.C are properly classified, described, packaged, marked portation according to the applicable regulations of the	PLACARD	s y	'ES	PLACARDS SUPPLIED DRIVER'S SIGNATURE:		M
Department of Trans	portation.			CARRIER:		WEST I	NDUSTRIAL		2-1-10
			, 800-7472	Monitore	d at all times storage incid	the Hazar lental to tr	dous Material is i ansportation (172	n transportatio 2.804).	วท
29-BLS-C3 969	(Rev. 2/	07)		1					-

HIP/REC 1	-there	•						IG REPO	RT		
2 11 VC		IER-		ND NUMBER	1-160			UMBER	ward ents.		
KEY PUNCH COLS 21/51	RECEI	VEC	FROM	- he	= 11 8		υ.	5	INSTRUCTIONS Enter unloading information. Detach 3rd copy, forward 1 & 2 intact and supporting documents to Oil Movements.		TYPE OF TRANSACTION (Check One)
20209	->/		<u> </u>	Par	n/ /	21.10	<u> </u>	<u> </u>	3rd c		REFINERY
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OR TREASURY U	SE ONLY ROD CARD I 1-3	□	MISC CARD 1-3 415	45		E/CONTROL N 6-11	KEY P	UNCH COLS. 1-11	ling infe und sup		CONTAINERIZATION
WIC NUMBER	àt		REA	MARKS/P.O. NU 38-48	MBER CARRI 88-7	ER FÖ 2 78	B ON AL	L CARDS	nload tact a		RETURNED PRODUCTS
	DATE 21-26	<u>``</u>	CC 27-	DE REV	IEWED BY —				Enter u		CLOSED — Customer not opened
PRODUCT.	CNTR		Truip		QUANTITY (EN	TER ONE) PACKAGES	SIZE	PBODI	JCT DESCRIPTION		REFUSED — Customer refused delivery
CODE 12-16	CODE 17-19		TEMP 29-31	GRAVITY 32-36	GROSS GALLONS 38-42	30-35	Bulk	(SASO/	N/P		DAMAGED — Container unacceptable
								mi	xture		WRONG PROD — Wrong product loaded
										-	Should have been
		1.00			·						
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	73	7	60	1	101228	17 DI -	() 	**************************************			PLANT RETURN non- containerization return from plant.
			· · · · · · · · · · · · · · · · · · ·	 			<u> </u>				Reason —
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	*	- 8	<u> </u>	1. 171	12:07	12 01					OTHER Specify
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98000	010						55RSD	Steel Drums I	Returned		
RÉMARKS											
		`			3	8.	30				QUALITY VERIFICATION
								<u> </u>	·		
	GROSS	3	760	0	TARE			NET 3/	900 16		Sample sent to laboratory for analysis: Stores will be advised later as to quality
PREPARED BY -	- /	0.	422	19		RECEIVE	D BY			Т	AG NUMBERS
DEPARTMENT A						TREASUR	Y APPROVA	L —			r.
						<u> </u>				ا	
											"(s.

STRAIGH	T BIL	L OF LA	DING - ORIGINAL - NOT NEGO	DTIABLE						
			1012.003	Shi	oper's N	0				
RECEIVED, subject	to individu	ally determined rate	STRIAL SERVICES SCAC	tween the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been regulations;						
at 395 WEST CHANNEL RD. , date 12/22/10 from BENICIA, CA 94510										
(the word compar route, or otherwis each party at any	ny being u e to deliver r time inter	r to another carrier of ested in all or any	I order, except as noted (contents and condition of content ut this contract as meaning any person or corporation in on the route to said destination. It is mutually agreed as i of said Property that every service to be performed he hereof, which are hereby agreed to by the shipper and a	n possession of the property under the to each carrier of all or any of said Pro reunder shall be subject to all the co	e contract) aq nertv over al	grees to carry to deliv I or any contion of sai	very at said destind d route to destina	nation, it on its ation, and as to		
TO:	HELL		JCTS US	FROM: Shipper SERVICE STATION						
		ARINA VIST		Street 3600 Pa		siva	· · · · · · · · · · · · · · · · · · ·			
Destination N	IARTIN	NEZ, CA	Zip 94303	originOaklar	J.	, CA	zip 94	610		
Route		·····		· · · · · · · · · · · · · · · · · · ·		······································				
Delivering Ca	rrier P	SC		Vehicle Numbe	r	U.S. DOT	Hazmat Re	g. No.		
Number and Ty of Packages	^{pe} HM	I.D. Number	Description of Article	es Haza Clas		Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate		
111	x	UN1203	GASOLINE MIXTURE, ERG#12	28 3	II	4200	GAL.			
			Contains water with <10% oil bearing station facilities that would be non-h	ng materials and may inc nazardous under Federal	ude extr and Stat	362-S acted Ground e Waste class	water from ification crit	service eria.		
			SOP US Martinez Refinery Receiving Gate to direct driver to the For Offloading directions	ne Effluent Treatment Plai	nt Opera	or (x3202)				
			SAP / INCIDENT #: RIPR #: 86549 CRA:			······································				
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Remit COD Address: City:	to:	Si	ate Zin s	without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this sploment without payment of freight and all the collect			COD FE Prepaid Collect]		
NOTE: Where the the agreed or decl	ared valu	endent on value, s e of the property.	hippers are required to state specifically in writing The agreed or declared value of the property is	ther lawful charges.		L CHARGES:		CHARGES:		
14706(c)(1)(A) and This is to certify the	nitation fo (B). at the above e in proper	r loss or damage /e-named materials r condition for trans	In this shipment may be applicable. See 49 U.S.C. are properly classified, described, packaged, marked portation according to the applicable regulations of the	(Signeture of Consignor) PLACARDS REQUIRED	S	PLACARDS SUPPLIED DRIVER'S SIGNATURE:				
			UCTS US DATE: 12/2.2/10	CARRIER PHILLIP W		DUSTRIAL S		102/10		
EMERGENCY TELEPHONE		NSE R: (800	≥) 800-7472	Monitored at all times the including storage inciden				on		
29-BLS-C3 969	(Rev. 2/	07)	4							

P/REC 1							IG REPO	RT	
12110	CARRIE			3-105	PURCHAS	SE ORDER N	UMBER	vard ents.	
Y PUNCH LS 21-51	RECEIVE	D FROM	TYPE OF TRANSACTION (Check One)						
20209	The		REFINERY						
20309	36	$\frac{00}{00}$							
20409	Ortland, CA 94610								
20509	RECEIVED FROM- SE ONLY Received ad copy, forward Se ONLY Received ad copy, forward Se ONLY Received by accedent of the second of the sec								🗌 OTHER — Specify
R TREASURY U	SE ONLY ROD CARD ID 1-3	MISC CARD 1-3 415	ID ACCT	OFF REFER	ENCE/CONTROL N 6-11			II of info	CONTAINERIZATION
IC NUMBER 21-31		415 RE/	ARKS/P.O. 1 38-48	UMBER CA	RRIER FO 8-72 78	B ON AU	UNCH COLS. 1-11 L CARDS	Enter unloading	RETURNED PRODUCTS
	DATE		DE Ri	EVIEWED BY	l			k 2 int	CLOSED — Customer not
	21-26	27	-28					ш ~	
PRODUCT	CNTR CODE	TEMP	GRAVITY	QUANTITY GROSS GALLO	ENTER ONE)	SIZE AND	PRÓD	UCT DESCRIPTION	REFUSED — Customer refused delivery
12-18	17-19	29-31	32-36	38-42	30-35	bulk	Water	Trace of	DAMAGED — Container unacceptable
							gasoli	~ mitture	WRONG PROD — Wrong product loaded
 		·		-		<u> </u>			Should have been —
		880	L.E	া চাইবস	A 12 72	10-			
	474 JA	<u>seo</u>	LB	111:02	A 12 72	10			PLANT RETURN — non- containerization — return
	┿╼── ┤.	<u></u>		-			1		from plant.
1997 - 19		·	 						Reason —
	<u></u>		· · ·						
	11		1				·*· ··································	*	OTHER - Specify
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98000	010					55RSD	Steel Drums	Returned	
REMARKS							•	2125	
	. 4							J -	QUALITY VERIFICATION
	GROSS			TARE	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	NEBO	200 netla	Sample sent to laboratory for analysis: Stores will be advised later as to
PREPARED BY	///	eed		-	RECEIVE	D BY —			quality TAG NUMBERS
DEPARTMENT					TREASU	RY APPROV	AL —		1
-		-							
								सर्वे सर्वे अन्त	

APPENDIX C

UNAUTHORIZED RELEASE REPORT

	UNDERGROUND STORAGE TANK UNAUTHORIZED) RELEASE (LEAK) / CONTAMINATI	ON SITE REPORT						
	GENCY HAS STATE OFFICE OF EMERGENCY SERVICES	FOR LOCAL AGENCY USE ONLY							
	IS IND REPORT BEEN FILED? Yes IND RT DATE CASE #	HEREBY CERTIFY THAT I AMA DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE							
12/2	0/10	GIGNED	DATE						
	NAME OF INDIVIDUAL FILING REPORT PHONE Denis Brown (707)	865-0251 SIGNATURE	1. 1. last						
5	Denis Brown (707)	COMPANY OR AGENCY NAME	man 1/ fell						
REPORTED BY	LOCAL AGENCY REGIONAL BOARD	Shell Oil Products US							
2	20945 S. Wilmington Avenue	Carson	CA 90810 STATE ZIP						
μc	NAME	Denis Brown	PHONE (707) 865-0251						
₩E	Shell Oil Products US	n Demis Brown	(101) 803-0231						
RESPONSIBLE PARTY	20945 S. Wilmington Avenue	Carson City	CA 90810 STATE ZIP						
	FACILITY NAME (IF APPLICABLE)	OPERATOR	PHONE						
NOL	Former Shell Service Station								
SITE LOCATION	3600 Park Boulevard street	Oakland Alameda	94610 zip						
LIS	CROSS STREET Chatham Road								
g	LOCAL AGENCY AGENCY NAME		PHONE						
MPLEMENTING AGENCIES	Alameda County Environmental Health - Jerry W	ickham	(510) 567-6791						
35	REGIONAL BOARD		PHONE (510) (22 0242						
2	San Francisco Bay Regional Water Quality Contro	ol Board – Cherne McCaulou	(510) 622-2342						
ŝ		QUANT	TTY LOST (GALLONS)						
SUBSTANCES	Benzene - 26 ug/l (UST-W1)								
	Lead - 112 ug/1 (UST-W1)		🔀 Unkriown						
DISCOVERY/ABATEMENT	12/15/2010	t Test Tank Removal - Sample Intory Control Subsurface Monitoring	Nuisance Conditions						
LA I	DATE DISCHARGE BEGAN	METHOD USED TO STOP DISCHARGE (CHEC	K ALL THAT APPLY)						
RYO		Repeir Tank Close Tank	ucia a construction de la construcción de l						
Ŋ.	HAS DISCHARGE BEEN STOPPED?		ive leak identified						
Š	YES NO IF YES, DATE	Repair Piping	· · · ·						
びほ	SOURCE OF DISCHARGE CAUSE(\$)							
SOURCE		rfill 🔲 Corrosion 🔛 Rupture/Fallure 🖾 Un	known 🛄 Spill 🛄 Other						
CASE	CHECK ONE ONLY	ter - (CHECK ONLY IF WATER WELLS HAVE	ACTUALLY BEEN AFFECTED)						
<u> </u>									
50	🛛 🖸 No Action Taken	Case Closed (Cleanup Completed or Unneces	ssary)						
CURRENT STATUS	Leak Being Confirmed	Pollution Characterization Post Cleanup Monitoring in Progress							
원	Remediation Plan Post Cleanup Monitoring in Progress Preliminary Site Assessment Workplan Submitted Cleanup Underway								
Preliminary Site Assessment Underway CHECK APPROPRIATE ACTION(S)									
₹₹	Cap Site (CD)	🛄 Treatment At Hookup (HU) 🐇 🖾 Ot	her - pending agency evaluation						
REMEDIAL	Contamination Barrier (CB) INo Action Required (NA)	Enhanced Blo Degradation (IT)							
₩ <	Vacuum Extract (VE) Remove Free Product (FP) Excevate & Dispose (ED) Pump & Treat Groundwater (C	Replace Supply (RS) Vent Soil (VS)	· · · · · · · · · · · · · · · · · · ·						
	Soil and groundwater concentrations were found during u								
CONNIENTS	and lead. CRA notified the Alameda County Environmental Health on 12/15/10 at 2:28 PM and spoke directly to Jerry								
	Wickham. A report documenting the reported findings will be submitted to the agency within 30 days.								
8									
									