CONESTOGA-ROVERS & ASSOCIATES

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TRANSMITTAL

DATE: January 16, 2009

REFERENCE NO.: 240504

PROJECT NAME: 1285 Bancroft Avenue, San Leandro

TO: Jerry Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

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QUANTITY	DESCRIPTION
1	Subsurface Investigation Report

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COMMENTS:
If you have any questions regarding the contents of this document, please call Peter Schaefer at (510) 420-3319.

Copy to: Denis Brown
Mike Bakaldin
Ivan G. and Joanne Cornelius
SF Data Room

Completed by: Peter Schaefer [Please Print]

Signed: Peter Schaefer

Filing: Correspondence File

Denis L. Brown
Shell Oil Products US
HSE - Environmental Services
20945 S. Wilmington Ave.
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Tel (707) 865 0251
Fax (707) 865 2542
Email denis.l.brown@shell.com

Jerry Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, California
SAP Code 136017
Incident No. 98996067
ACHCSA Case No. RO0000156

Dear Mr. Wickham:

The attached document is provided for your review and comment. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

Denis L. Brown
Project Manager

SUBSURFACE INVESTIGATION REPORT

SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

SAP CODE	136017
INCIDENT NO.	98996067
AGENCY NO.	RO0000156

Prepared by:
Conestoga-Rovers & Associates

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Emeryville, California
U.S.A. 94608

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JANUARY 16, 2009
REF. NO. 240504 (2)
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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 subsurface investigation at this site and to provide additional information requested in Alameda County Health Care Services' (ACHCSA's) August 28, 2008 letter. The purpose of the investigation was to properly destroy and replace four on-site wells and install and sample five soil vapor probes. CRA followed the scope of work and procedures presented in CRA's June 13, 2008 *Well Destruction and Installation Work Plan, Soil Vapor Sampling Work Plan and Hydrographs* which was approved by the ACHCSA in their August 28, 2008 letter.

The site is an operating Shell-branded service station located at the northwest corner of Bancroft and Estudillo Avenues in San Leandro, California (Figure 1). The site layout (Figure 2) includes a station building with three automobile service bays, two dispenser islands, and three fuel underground storage tanks (USTs).

A summary of previous work performed at the site and additional background information is contained in Appendix A.

2.0 EXECUTIVE SUMMARY

- Four groundwater monitoring wells (MW-1 through MW-4) were destroyed because their excessive screen length provided a potential conduit to deeper groundwater.
- Four groundwater monitoring wells (MW-1A, MW-1B, MW-2A, and MW-3A) were installed to replace MW-1 through MW-4.
- Five soil vapor probes (SVP-1 through SVP-5) were installed and sampled.
- All BTEX and MTBE detections in soil samples collected during this investigation are below RWQCB ESLs.
- Only four TPHg detections in soil equal or exceed ESLs (MW-1A at 40 fbg, MW-2A at 43 fbg, MW-2A at 46 fbg, and MW-3A at 40 fbg). Based on the sample depths, these detections may be due to impacted groundwater.
- No constituents of concern exceed RWQCB ESLs in any of the soil vapor samples collected during this investigation.

3.0 WELL DESTRUCTION

3.1 FIELD DATE

December 10, 2008.

3.2 PERSONNEL PRESENT

Geologist Erin Reinhart-Koylu directed the well destruction activities under the supervision of California Professional Geologist Peter Schaefer.

3.3 DESTRUCTION METHOD

After removing the well boxes, wells MW-1 through MW-4 were destroyed by pressure grouting. Due to the wells proximity to underground utilities and product piping, a variance was obtained from the Alameda County Public Works Agency (ACPWA) allowing pressure grouting without drilling out the upper 5 feet of each well. A copy of the ACPWA well destruction permit is included in Appendix B.

3.4 WASTE DISPOSAL

Rinsate generated during field activities was stored on site in 55-gallon drums, sampled, and profiled for disposal. Waste disposal confirmation documentation is pending and will be provided by CRA upon request.

4.0 WELL INSTALLATION

4.1 PERMIT

CRA obtained a drilling permit from ACPWA (Appendix B).

4.2 FIELD DATES

December 8, 2008 through December 13, 2008.

4.3 DRILLING COMPANY

TestAmerica Drilling Corporation.

4.4 PERSONNEL PRESENT

Geologist Erin Reinhart-Koylu directed the drilling activities under the supervision of California Professional Geologist Peter Schaefer.

4.5 DRILLING METHOD

Hollow-stem auger.

4.6 NUMBER OF BORINGS

Four soil borings were drilled and converted to three shallow-zone wells (MW-1A, MW-2A, and MW-3A) and one deep-zone well (MW-1B) to replace four groundwater monitoring wells (MW-1 through MW-4) which were destroyed because their excessive screen length provided a potential conduit to deeper groundwater.

The well specifications and soil types encountered are described on the boring logs contained in Appendix C. The well locations are shown on Figure 2.

4.7 BORING DEPTHS

45.5 to 60.5 feet below grade (fbg).

4.8 GROUNDWATER DEPTH

Groundwater was first-encountered at 38 to 42 fbg.

4.9 WASTE DISPOSAL

Soil, construction debris, water from grout clean-up, and rinsate generated during field activities were stored on site in 55-gallon drums, sampled, and profiled for disposal. Waste disposal confirmation documentation is pending and will be provided by CRA upon request.

5.0 SOIL VAPOR PROBE INSTALLATION AND SAMPLING

5.1 PERMIT

CRA obtained a drilling permit from ACPWA (Appendix B).

5.2 FIELD DATES

December 8 and 9, 2008.

5.3 DRILING COMPANY

TestAmerica Drilling Corporation.

5.4 PERSONNEL PRESENT

Geologist Erin Reinhart-Koylu directed the probe installation working under the supervision of California Professional Geologist Peter Schaefer.

5.5 DRILLING METHOD

Air- and water-knife.

5.6 NUMBER OF PROBES

CRA installed five soil vapor probes (SVP-1 through SVP-5). The probe specifications and soil types encountered are described on the boring logs contained in Appendix C. The probe locations are shown on Figure 2.

5.7 VAPOR POINT MATERIALS

The vapor probes were constructed using ¼-inch diameter Teflon tubing attached to 1-inch length plastic screen intervals, and #2/12 Monterey sand filter pack. Probe diagrams are provided with boring logs in Appendix C.

5.8 SCREENED INTERVALS

5.0 to 5.2 fbg.

5.9 SOIL VAPOR SAMPLING

Soil vapor sampling and leak testing were performed following Department of Toxic Substances Control's January 28, 2003 *Advisory-Active Soil Gas Investigation* guidelines.

During sampling, the Teflon tubing for each vapor probe was connected to a control valve, and then to a flow regulator attached to a lab-supplied sampling manifold connecting two 1-liter summa canisters (one purge canister and one sampling canister) with flow regulators and pressure gauges. Prior to sampling, a vacuum test was conducted between the summa canisters, the sampling manifold, and the valves by closing the valves and opening the purge summa canister for approximately 10 minutes. Additionally, paper towels with shaving cream were placed at sample system connections for the leak test and held in place with aluminum foil during sampling activities. At least three tubing volumes of air were purged into the purge canister prior to sampling. Immediately after purging, soil vapor samples were collected using the second 1-liter Summa canister. Each sample was labeled, documented on a chain-of-custody, and submitted to Calscience Environmental Laboratories, Inc. in Garden Grove, California for analysis.

CRA staff sampled soil vapor probes SVP-1 through SVP-5 on December 31, 2008.

5.10 SOIL VAPOR SAMPLING ANALYSIS

Soil vapor samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method TO-3 (modified) and benzene, toluene, ethylbenzene, xylenes (BTEX), methyl tertiary-butyl ether (MTBE), and tracer compounds isobutane, butane, and propane by modified EPA Method TO-15. These tracer compounds were identified by EPA Method TO-15 analysis as the most abundant compounds of the specific shaving cream.

5.1.11 WASTE DISPOSAL

Soil, construction debris, water from grout clean-up, and rinsate generated during field activities were stored on site, in 55-gallon drums, sampled, and profiled for disposal. Waste disposal confirmation documentation is pending and will be provided by CRA upon request.

6.0 FINDINGS

6.1 SOIL

The soil chemical analytical data are summarized in Table 1, and TPHg, benzene, and MTBE analytical results are presented on Figure 3. Laboratory analytical reports are presented in Appendix D.

6.2 SOIL VAPOR PROBE SAMPLING RESULTS

Table 2 summarizes the soil vapor analytical data. TPHg, benzene, and MTBE results are shown on Figure 4, and the laboratory analytical report is presented in Appendix D.

6.2.1 LEAK TESTING

Leak testing was performed, and isobutane was detected in one of the samples. The isobutane detection (72 micrograms per cubic meter [$\mu g/m^3$]) is an amount considered negligible when compared with the amount in the tracer gas compound (approximately 350,000 $\mu g/m^3$ in shaving cream).

The laboratory analytical report is presented in Appendix D.

7.0 REVISED HYDROGRAPHS

ACHCSA's August 28, 2008 letter requested revisions to the hydrographs presented in CRA's June 13, 2008 *Well Destruction and Installation Work Plan, Soil Vapor Sampling Work Plan and Hydrographs.* The revised hydrographs are presented in Appendix E.

8.0 CONCLUSIONS

The soil boring data indicate that concentrations of TPHg in four of the soil samples collected at depths near groundwater equal or exceed San Francisco Bay Regional Water Quality Control Board environmental screening levels (ESLs) for deep soil where groundwater is not a drinking water source (commercial/industrial land use). These detections may be due to impacted groundwater.

No constituents of concern exceed RWQCB ESLs in any of the soil vapor samples collected during this investigation.

9.0 RECOMMENDATIONS

CRA recommends including the new wells in the groundwater monitoring program for at least a full hydrologic cycle (approximately one year). Wells MW-1A, MW-1B, MW-2A, and MW-3A were developed and sampled during the fourth quarter 2008. These results will be submitted under a separate cover, in our groundwater monitoring report, to ACHCSA by January 30, 2009.

Based on the soil vapor data, no additional soil vapor sampling is warranted.

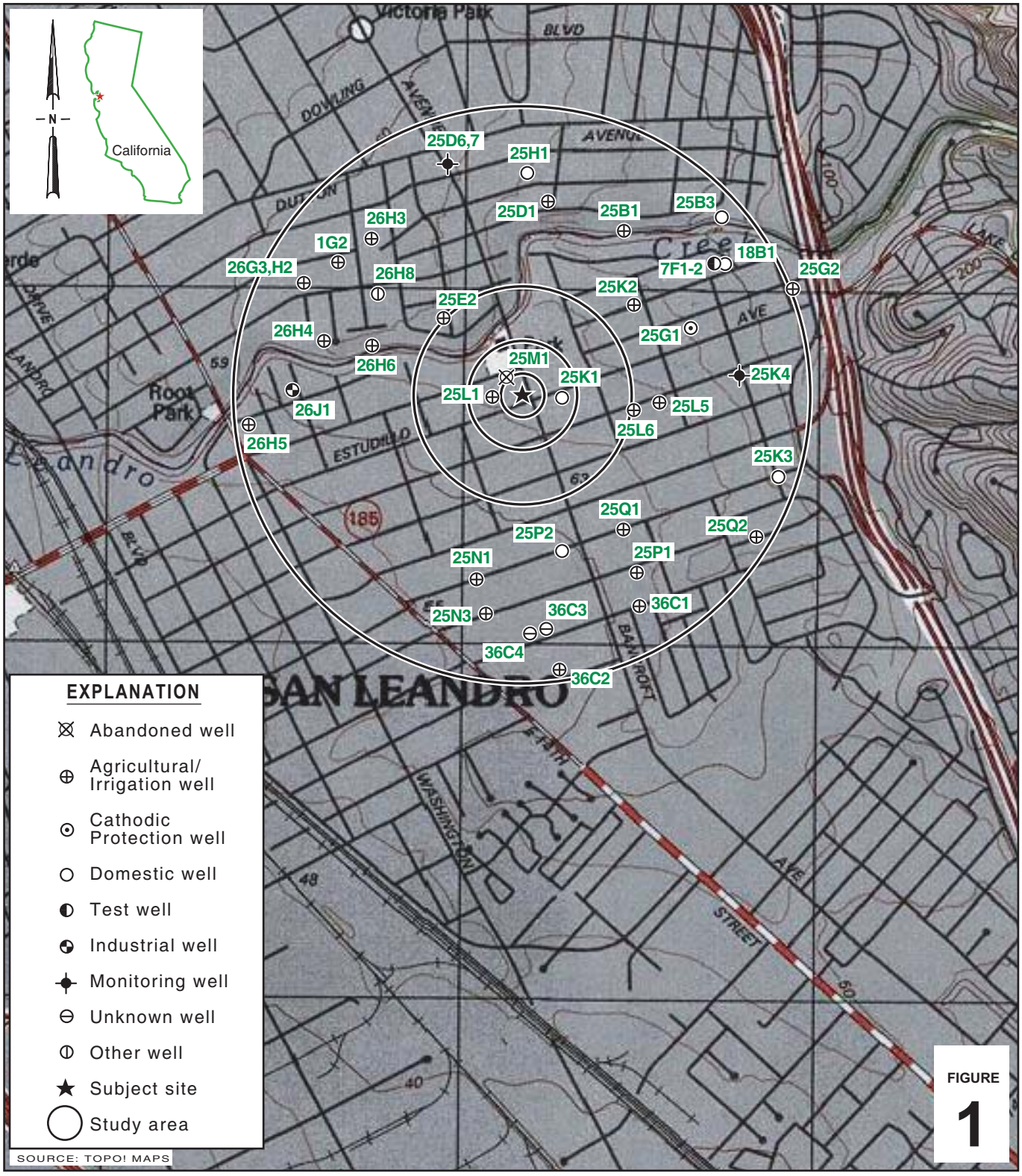
All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

Peter Schaefer, CEG, CHG
Project Manager

Aubrey K. Cool, PG
Professional Geologist

FIGURES

12/17/08



EXPLANATION

- Abandoned well
- Agricultural/ Irrigation well
- Cathodic Protection well
- Domestic well
- Test well
- Industrial well
- Monitoring well
- Unknown well
- Other well
- Subject site
- Study area

SOURCE: TOPO! MAPS

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

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Shell-branded Service Station

1285 Bancroft Avenue

San Leandro, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

01/16/09

Site Plan

EXPLANATION

- SVP-1 — Soil vapor probe location (12/8-9/08)
- MW-1 — Destroyed monitoring well location
- MW-1A — Monitoring well location
- MW-1B — Deeper monitoring well location
- SB-16 — Soil boring location (11/16/07)
- CPT-1 — CPT boring location (11/14&16/07, 1/3/08)
- WO-1-11 — Soil sample location (7/19/06)
- IW-1 (25L1) — Irrigation well location
- D-1-4.0 — Dispenser soil sample location (1/31/05)
- SB-9 — Soil boring location (2/04)
- SB-1 — Soil boring location (8/03)
- SB-5 — Attempted soil boring location (8/03)
- B-1 — Soil vapor survey location (6/00)
- E-1 — Confirmation soil sample location (WA, 10/9/95)
- D-1 — Soil sample location (WA, 10/4/95)
- BH-D — Soil boring location (WA, 1994)
- ❶ — Product dispenser number

- Electrical line (E)
- Telecommunication line (T)
- Storm drain line (STM)
- Sanitary sewer line (SAN)
- Water line (W)

CALLAN AVENUE

BANCROFT AVENUE

ESTUDILLO AVENUE

Parking Lot
609 Callan

Apts.
599 Callan

Apts.
595 Callan

Apts.
597 Callan

Apts.
566 Estudillo

Apts.
572 Estudillo

Apts.
560 Estudillo

Building
1247 Bancroft

Shell Station
1285 Bancroft

Grass Courtyard

Grass Courtyard

House
544 Estudillo

Bancroft Middle School

Carport

Lawn

Driveway

Planter

Trash

Canopy

Sidewalk

Dispensers

Former W/O UST

Former Dispenser Island (removed 1995)

USTs

EVR

MW-1 MW-1A MW-1B MW-2 MW-2A MW-3 MW-3A MW-4 MW-5 MW-6 MW-7 MW-8 MW-9 MW-10 MW-11 MW-12

SVP-1 SVP-2 SVP-3 SVP-4 SVP-5

SB-1 SB-2 SB-3 SB-4 SB-5 SB-6 SB-7 SB-8 SB-9 SB-10 SB-11 SB-12 SB-16

B-1 B-2 B-3 B-4 B-5 B-6

CPT-1 CPT-2 CPT-3 CPT-4

BH-D BH-E

IW-1

WO-1-11

D-1(2.0) D-2A(2.0) D-2B(2.0) D-3(2.0) D-3-4.5 D-4(2.0) D-4-4.0 D-1-4.0 D-2-4.5

E-1(4.0) L-1(2.0) E-2(3.5)

Irrigation Well (confirmed abandoned) (25M1, 150')

Domestic Irrigation Well, (25L1, 245')

Domestic Well, confirmed not in use (25K1, 150')

Domestic Well, confirmed not in use (25P2, 1,425')

Nearest Sensitive Receptors Relative to Site

0 20 40 80

Scale (ft)

FIGURE

2

Shell-branded Service Station

1285 Bancroft Avenue
San Leandro, California

CONESTOGA-ROVERS & ASSOCIATES

I:\Shell\6-chars\2405--\240504-San Leandro 1285 Bancroft\240504-FIGURES\240504 SITE PLAN.DWG

01/16/09

Soil Chemical Concentrations Map

December 8, 11-13, 2008

Sample ID	Sample Date	Depth (fbg)	TPHg (mg/kg)	Benzene (mg/kg)	MTBE (mg/kg)
SVP-1@5'	12/08/08	5	<0.50	<0.0050	<0.0050

Soil sample ID, date, depth in feet below grade (fbg), and hydrocarbon concentrations, in milligrams per kilogram (mg/kg)
<X = Not detected at reporting limit X

EXPLANATION

- SVP-1 — Soil vapor probe location (12/8-9/08)
- MW-1 — Destroyed monitoring well location
- MW-1A — Monitoring well location
- MW-1B — Deeper monitoring well location
- SB-16 — Soil boring location (11/16/07)
- CPT-1 — CPT boring location (11/14&16/07, 1/3/08)
- WO-1-11 — Soil sample location (7/19/06)
- IW-1 (25L1) — Irrigation well location
- D-1-4.0 — Dispenser soil sample location (1/31/05)
- SB-9 — Soil boring location (2/04)
- SB-1 — Soil boring location (8/03)
- SB-5 — Attempted soil boring location (8/03)
- B-1 — Soil vapor survey location (6/00)
- E-1 — Confirmation soil sample location (WA, 10/9/95)
- D-1 — Soil sample location (WA, 10/4/95)
- BH-D — Soil boring location (WA, 1994)
- ❶ — Product dispenser number

Sample ID	Sample Date	Depth (fbg)	TPHg (mg/kg)	Benzene (mg/kg)	MTBE (mg/kg)
MW-3A@5	12/12/08	5	<0.50	<0.0050	<0.0050
MW-3A@10	12/12/08	10	<0.50	<0.0050	<0.0050
MW-3A@15	12/12/08	15	<0.50	<0.0050	<0.0050
MW-3A@20	12/12/08	20	<0.50	<0.0050	<0.0050
MW-3A@25	12/12/08	25	<0.50	<0.0050	<0.0050
MW-3A@30	12/12/08	30	<0.50	<0.0050	<0.0050
MW-3A@35	12/12/08	35	1.6	<0.0050	<0.0050
MW-3A@38	12/12/08	38	<50	<0.50	<0.50
MW-3A@40	12/12/08	40	300	<0.50	<0.50
MW-3A@45	12/12/08	45	<0.50	<0.0050	<0.0050

Sample ID	Sample Date	Depth (fbg)	TPHg (mg/kg)	Benzene (mg/kg)	MTBE (mg/kg)
SVP-4@5'	12/08/08	5	<0.50	<0.0050	<0.0050

Sample ID	Sample Date	Depth (fbg)	TPHg (mg/kg)	Benzene (mg/kg)	MTBE (mg/kg)
SVP-3@5'	12/09/08	5	<0.50	<0.0050	<0.0050

Sample ID	Sample Date	Depth (fbg)	TPHg (mg/kg)	Benzene (mg/kg)	MTBE (mg/kg)
SVP-2@5'	12/08/08	5	<0.50	<0.0050	<0.0050

Sample ID	Sample Date	Depth (fbg)	TPHg (mg/kg)	Benzene (mg/kg)	MTBE (mg/kg)
MW-2A-5	12/13/08	5	<0.50	<0.0050	<0.0050
MW-2A-10	12/13/08	10	<0.50	<0.0050	<0.0050
MW-2A-15	12/13/08	15	<0.50	<0.0050	<0.0050
MW-2A-20	12/13/08	20	<0.50	<0.0050	<0.0050
MW-2A-25	12/13/08	25	<0.50	<0.0050	0.0080
MW-2A-30	12/13/08	30	<0.50	<0.0050	0.014
MW-2A-35	12/13/08	35	<50	<0.0050	0.070
MW-2A-40	12/13/08	40	68	<0.0050	0.017
MW-2A-43	12/13/08	43	540	<1.0	<1.0
MW-2A-46	12/13/08	46	270	<0.50	<0.50

Sample ID	Sample Date	Depth (fbg)	TPHg (mg/kg)	Benzene (mg/kg)	MTBE (mg/kg)
SVP-5@5'	12/09/08	5	<0.50	<0.0050	<0.0050

Sample ID	Sample Date	Depth (fbg)	TPHg (mg/kg)	Benzene (mg/kg)	MTBE (mg/kg)
SVP-1@5'	12/08/08	5	<0.50	<0.0050	<0.0050

Sample ID	Sample Date	Depth (fbg)	TPHg (mg/kg)	Benzene (mg/kg)	MTBE (mg/kg)
MW-1B@41'	12/11/08	41	<50	<0.0050	0.0090
MW-1B@48'	12/11/08	48	1.6	<0.0050	<0.0050
MW-1B@53'	12/11/08	53	<0.50	<0.0050	<0.0050
MW-1B@60'	12/11/08	60	<0.50	<0.0050	<0.0050

Sample ID	Sample Date	Depth (fbg)	TPHg (mg/kg)	Benzene (mg/kg)	MTBE (mg/kg)
MW-1A@5'	12/11/08	5	<0.50	<0.0050	<0.0050
MW-1A@10'	12/11/08	10	<0.50	<0.0050	<0.0050
MW-1A@15'	12/11/08	15	<0.50	<0.0050	<0.0050
MW-1A@20'	12/11/08	20	<0.50	<0.0050	<0.0050
MW-1A@25'	12/11/08	25	<0.50	<0.0050	<0.0050
MW-1A@32'	12/11/08	32	<0.50	<0.0050	<0.0050
MW-1A@35'	12/11/08	35	<0.50	<0.0050	<0.0050
MW-1A@40'	12/11/08	40	180	<1.0	<1.0
MW-1A@45'	12/11/08	45	2.1	<0.0050	<0.0050

Irrigation Well (confirmed abandoned) (25M1, 150')
Domestic Irrigation Well, (25L1, 245')
Domestic Well, confirmed not in use (25K1, 150')
Domestic Well, confirmed not in use (25P2, 1,425')
Nearest Sensitive Receptors Relative to Site

0 20 40 80
Scale (ft)

FIGURE 3

Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, California

CONESTOGA-ROVERS & ASSOCIATES

I:\Shell\6-chars\2405--\240504-San Leandro 1285 Bancroft\240504-FIGURES\240504 SOIL DATA.DWG

01/16/09

Soil Vapor Chemical Concentrations Map

December 31, 2008

Sample ID	Date	TPHg µg/m³	Benzene µg/m³	MTBE µg/m³
SVP-1	12/31/2008	<9,000	<2.5	<11

Soil sample ID, date, depth in feet below grade (fbg), and hydrocarbon concentrations, in micrograms per cubic meter (µg/m³)
<X = Not detected at reporting limit X

EXPLANATION

- SVP-1 — Soil vapor probe location (12/8-9/08)
- MW-1 — Destroyed monitoring well location
- MW-1A — Monitoring well location
- MW-1B — Deeper monitoring well location
- SB-16 — Soil boring location (11/16/07)
- CPT-1 — CPT boring location (11/14&16/07, 1/3/08)
- WO-1-11 — Soil sample location (7/19/06)
- IW-1 (25L1) — Irrigation well location
- D-1-4.0 — Dispenser soil sample location (1/31/05)
- SB-9 — Soil boring location (2/04)
- SB-1 — Soil boring location (8/03)
- SB-5 — Attempted soil boring location (8/03)
- B-1 — Soil vapor survey location (6/00)
- E-1 — Confirmation soil sample location (WA, 10/9/95)
- D-1 — Soil sample location (WA, 10/4/95)
- BH-D — Soil boring location (WA, 1994)
- ❶ — Product dispenser number

Sample ID	Date	TPHg µg/m³	Benzene µg/m³	MTBE µg/m³
SVP-4	12/31/2008	<9,400	<2.6	<12

Sample ID	Date	TPHg µg/m³	Benzene µg/m³	MTBE µg/m³
SVP-3	12/31/2008	<9,900	3.8	<12

Sample ID	Date	TPHg µg/m³	Benzene µg/m³	MTBE µg/m³
SVP-2	12/31/2008	<10,000	<2.8	<13

Sample ID	Date	TPHg µg/m³	Benzene µg/m³	MTBE µg/m³
SVP-5	12/31/2008	<9,200	<2.6	<12

Sample ID	Date	TPHg µg/m³	Benzene µg/m³	MTBE µg/m³
SVP-1	12/31/2008	<9,000	<2.5	<11

Irrigation Well (confirmed abandoned) (25M1, 150')
Domestic Irrigation Well, (25L1, 245')
Domestic Well, confirmed not in use (25K1, 150')
Domestic Well, confirmed not in use (25P2, 1,425')
Nearest Sensitive Receptors Relative to Site

FIGURE 4

Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, California

CONESTOGA-ROVERS & ASSOCIATES

I:\Shell\6-chars\2405--\240504-San Leandro 1285 Bancroft\240504-FIGURES\240504 SOIL VAPOR DATA.DWG

TABLES

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
BH-A (MW-1)	03/06/90	9.2	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	0.0020
BH-A (MW-1)	03/06/90	19.7	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.0020
BH-A (MW-1)	03/06/90	29.7	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.0020
BH-A (MW-1)	03/06/90	39.7	<1	1.6[b]	<0.0025	<0.0025	<0.0025	0.0057	---	---	<0.0020
BH-A (MW-1)	03/06/90	51.2	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	0.0045
BH-A (MW-1)	03/06/90	61.2	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	0.0043
BH-B (MW-2)	02/06/92	27.5	1,500	1,000[a]	<0.25	<0.25	0.82	6.9	---	---	<0.002
BH-B (MW-2)	02/06/92	31.5	12	---	<0.0025	<0.0025	0.0090	0.058	---	---	---
BH-B (MW-2)	02/06/92	36.5	71	16[a]	<0.025	<0.025	0.056	0.21	---	---	<0.002
BH-B (MW-2)	02/06/92	41.5	3,500	---	<1.25	<1.25	19	46	---	---	---
BH-B (MW-2)	02/06/92	44.5	8,800	4,500[a]	<2.5	<2.5	72	170	---	---	<0.002
BH-B (MW-2)	02/06/92	48.5	19	---	<0.025	<0.025	<0.025	0.092	---	---	---
BH-C (MW-3)	02/07/92	31.5	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	---
BH-C (MW-3)	02/07/92	36.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-C (MW-3)	02/07/92	41.5	64	---	<0.025	<0.025	<0.025	0.25	---	---	---
BH-C (MW-3)	02/07/92	44.5	45	29[a]	<0.025	<0.025	<0.025	0.25	---	---	<0.002
BH-C (MW-3)	02/07/92	48.5	15	---	<0.0025	<0.0025	<0.0025	0.60	---	---	---
BH-D	02/15/94	25.8	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-D	02/15/94	27.3	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-E	02/15/94	27.0	<1	<1	0.0075	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-E	02/15/94	28.8	<1	<1	0.015	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-F (MW-4)	02/16/94	15.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-F (MW-4)	02/16/94	20.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
BH-F (MW-4)	02/16/94	25.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-F (MW-4)	02/16/94	30.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-F (MW-4)	02/16/94	35.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-F (MW-4)	02/16/94	40.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-F (MW-4)	02/16/94	45.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-F (MW-4)	02/16/94	50.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-F (MW-4)	02/16/94	55.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
D-1-2.0	10/04/95	2.0	1.1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	---
D-2A-2.0	10/04/95	2.0	130	---	<0.002	0.33	0.53	4.6	---	---	---
D-3-2.0	10/04/95	2.0	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	---
D-4-2.0	10/04/95	2.0	1.1	---	<0.0025	<0.0025	<0.0025	0.0063	---	---	---
L-1-2.0	10/04/95	2.0	10	---	0.31	0.49	<0.0025	1.4	---	---	---
E-1-4ft	10/09/95	4	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	---
E-2-3.5	10/09/95	3.5	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	---
MW-5-5.5	05/18/99	5.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-5-10.5	05/18/99	10.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-5-15.5	05/18/99	15.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-5-20.5	05/18/99	20.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-5-25.5	05/18/99	25.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-5-30.5	05/18/99	30.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	1.08	---	---
MW-5-35.5	05/18/99	35.5	1.91	---	0.0475	<0.00500	0.0172	0.0159	4.68	2.25	---
MW-5-40.5	05/18/99	40.5	10.5	---	0.0279	0.486	0.179	1.02	0.0930	---	---
MW-5-45.5	05/18/99	45.5	6.67	---	0.0264	0.0346	0.0298	77.0	<0.0500	---	---
MW-6-5.5	05/17/99	5.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
MW-6-10.5	05/17/99	10.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-6-15.5	05/17/99	15.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-6-20.5	05/17/99	20.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-6-25.5	05/17/99	25.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-6-30.5	05/17/99	30.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-6-35.5	05/17/99	35.5	273	---	1.12	1.31	3.10	14.2	2.58	1.31	---
MW-6-40.5	05/17/99	40.5	96.1	---	0.665	1.07	1.25	5.51	1.31	---	---
MW-6-45.5	05/17/99	45.5	1.83	---	0.0151	0.0173	0.0141	0.0875	1.47	---	---
MW-7-5.5	05/17/99	5.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-7-10.5	05/17/99	10.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-7-15.5	05/17/99	15.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-7-20.5	05/17/99	20.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-7-25.5	05/17/99	25.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-7-30.5	05/17/99	30.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-7-35.5	05/17/99	35.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-7-40.5	05/17/99	40.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-7-45.5	05/17/99	45.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-8-5.5	05/19/99	5.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	---	---
MW-8-10.5	05/19/99	10.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	---	---
MW-8-15.5	05/19/99	15.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	---	---
MW-8-20.5	05/19/99	20.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	---	---
MW-8-25.5	05/19/99	25.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	---	---
MW-8-30.5	05/19/99	30.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	---	---
MW-8-35.5	05/19/99	35.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	---	---
MW-8-40.5	05/19/99	40.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	0.212	0.210	---
MW-8-45.5	05/19/99	45.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	0.0532	---	---

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
B-1-6.5	06/26/00	6.5	5.33	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
B-1-11.0	06/26/00	11.0	<1.00	---	<0.00500	<0.00500	<0.00500	0.00820	<0.0500	---	---
B-1-17.5	06/26/00	17.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
B-1-20.5	06/26/00	20.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
B-1-25.0	06/26/00	25.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
B-1-30.0	06/26/00	30.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
B-1-35.5	06/26/00	35.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
B-2-6.0	06/26/00	6.0	<1.00	---	<0.00500	<0.00500	<0.00500	0.00960	<0.00500	---	---
B-2-11.0	06/26/00	11.0	<1.00	---	<0.00500	<0.00500	<0.00500	0.00970	<0.00500	---	---
B-2-15.0	06/26/00	15.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-2-21.0	06/26/00	21.0	<1.00	---	<0.00500	<0.00500	<0.00500	0.00890	<0.00500	---	---
B-2-25.5	06/26/00	25.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-2-30.0	06/26/00	30.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-3-5.0	06/27/00	5.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-3-11.0	06/27/00	11.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-3-15.0	06/27/00	15.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-3-21.0	06/27/00	21.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-3-25.0	06/27/00	25.0	<1.00	---	<0.00500	0.00730	<0.00500	<0.00500	<0.00500	---	---
B-3-30.0	06/27/00	30.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-3-34.5	06/27/00	34.5	3.03	---	0.0520	0.0228	0.0523	0.0333	0.436	0.120	---
B-4-7.0	06/27/00	7.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-4-11.0	06/27/00	11.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-4-15.0	06/27/00	15.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-4-20.0	06/27/00	20.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
B-4-25.0	06/27/00	25.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-4-30.0	06/27/00	30.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-4-35.0	06/27/00	35.0	<1.00	---	0.0422	<0.00500	0.0152	<0.00500	0.162	0.243	---
B-5-7.0	06/27/00	7.0	<1.00	---	<0.00500	0.00750	<0.00500	<0.00500	<0.00500	---	---
B-5-10.5	06/27/00	10.5	21.5	---	<0.00500	0.430	<0.00500	<0.00500	<0.00500	---	---
B-5-15.0	06/27/00	15.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-5-21.0	06/27/00	21.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-5-25.0	06/27/00	25.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-5-30.0	06/27/00	30.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-5-34.5	06/27/00	34.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	0.135	0.0425	---
B-5-38.5	06/27/00	38.5	2.82	---	0.0398	0.0142	0.0744	0.299	0.251	0.0536	---
B-6-6.5	06/27/00	6.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-6-10.5	06/27/00	10.5	3.92	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-6-16.5	06/27/00	16.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-6-20.5	06/27/00	20.5	<1.00	---	<0.00500	0.00950	<0.00500	0.00700	<0.00500	---	---
B-6-25.0	06/27/00	25.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-6-30.0	06/27/00	30.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-6-35.5	06/27/00	35.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
SB-1-31'	08/04/03	31	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-1-33'	08/04/03	33	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-1-35'	08/04/03	35	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-1-40'	08/04/03	40	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-1-45'	08/04/03	45	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-1-47.5'	08/04/03	47.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---

TABLE 1

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SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
SB-2-25'	08/05/03	25	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-2-30'	08/05/03	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-2-32'	08/05/03	32	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-2-35'	08/05/03	35	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-2-37'	08/05/03	37	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-2-40'	08/05/03	40	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-2-45'	08/05/03	45	<1.0	---	<0.0050	0.012	<0.0050	0.023	---	0.088	---
SB-2-50'	08/05/03	50	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.050	---
SB-3-25'	08/05/03	25	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-3-30'	08/05/03	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-3-35'	08/05/03	35	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-3-37'	08/05/03	37	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-3-40'	08/05/03	40	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-3-45'	08/05/03	45	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-3-50'	08/05/03	50	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-4-25'	08/05/03	25	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-4-30'	08/05/03	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-5[(c)]	08/05/03	---	---	---	---	---	---	---	---	---	---
SB-6-15'	08/07/03	15	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-6-20'	08/07/03	20	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-6-25'	08/07/03	25	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-6-30'	08/07/03	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-6-35'	08/07/03	35	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.0087	---
SB-6-37'	08/07/03	37	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
SB-6-40'	08/07/03	40	5.5	---	<0.0050	<0.0050	0.022	<0.0050	---	0.036	---
SB-6-45'	08/07/03	45	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.0063	---
SB-6-50'	08/07/03	50	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-7-10'	08/07/03	10	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-7-15'	08/07/03	15	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-7-20'	08/07/03	20	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-7-25'	08/07/03	25	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-7-30'	08/07/03	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.065	---
SB-7-35'	08/07/03	35	2.2	---	0.0076	<0.0050	0.014	0.017	---	0.25	---
SB-7-51.5'	08/07/03	51.5	<1.0	---	<0.0050	<0.0050	<0.0050	0.016	---	<0.0050	---
SB-8[(c)]	08/05/03	---	---	---	---	---	---	---	---	---	---
SB-9-30'	02/12/04	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-9-35'	02/12/04	35	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-10-25'	02/12/04	25	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-10-30'	02/12/04	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-10-35'	02/12/04	35	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-11-25'	02/11/04	25	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-11-30'	02/11/04	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-11-35'	02/11/04	35	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-12-25'	02/13/04	25	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-12-30'	02/13/04	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---

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SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
MW-9-10'	02/11/04	10	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-9-15'	02/11/04	15	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-9-20'	02/11/04	20	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-9-25'	02/11/04	25	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.071	---
MW-9-30'	02/11/04	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.093	---
MW-9-35'	02/11/04	35	820	---	1.0	2.3	12	84	---	1.0	
MW-9-45'	02/11/04	45	<1.0	---	<0.0050	<0.0050	0.0081	0.042	---	<0.0050	---
MW-9-49.5	02/11/04	19.5	<1.0	---	<0.0050	0.0061	0.0093	0.049	---	<0.0050	---
MW-10-30'	02/10/04	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-10-35'	02/10/04	35	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-10-39.5'	02/10/04	39.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.017	---
MW-11-30'	02/10/04	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-11-35'	02/10/04	35	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-11-40'	02/10/04	40	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-11-44.5'	02/10/04	44.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-12-30'	02/12/04	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-12-35'	02/12/04	35	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-12-39.5	02/12/04	39.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-12-44.5	02/12/04	44.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
D-1-4.0	01/31/05	4.0	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
D-2-4.5	01/31/05	4.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
D-3-4.5	01/31/05	4.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
D-4-4.0	01/31/05	4.0	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.0088	---

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
SB-16-10.5	11/16/07	10.5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
SB-16-20	11/16/07	20	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
SB-16-21.5	11/16/07	21.5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.0095 [e]	---
SB-16-26	11/16/07	26	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.0078 [e]	---
SB-16-30	11/16/07	30	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.093 [e]	---
SB-16-37.5	11/16/07	37.5	19	---	<0.12	<0.12	0.86	3.1	---	0.16 [e]	---
SB-16-40.5	11/16/07	40.5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
SVP-1@5'	12/08/08	5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
SVP-2@5'	12/08/08	5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
SVP-3@5'	12/09/08	5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
SVP-4@5'	12/08/08	5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
SVP-5@5'	12/09/08	5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-1A@5'	12/11/08	5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-1A@10'	12/11/08	10	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-1A@15'	12/11/08	15	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-1A@20'	12/11/08	20	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-1A@25'	12/11/08	25	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-1A@32'	12/11/08	32	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-1A@35'	12/11/08	35	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-1A@40'	12/11/08	40	180	---	<1.0	<1.0	1.2	1.1	---	<1.0 [e]	---
MW-1A@45'	12/11/08	45	2.1	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
MW-1B@41'	12/11/08	41	<50	---	<0.0050	<0.0050	<0.0050	0.011	---	0.0090 [e]	---
MW-1B@48'	12/11/08	48	1.6	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-1B@53'	12/11/08	53	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-1B@60'	12/11/08	60	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-2A-5	12/13/08	5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-2A-10	12/13/08	10	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-2A-15	12/13/08	15	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-2A-20	12/13/08	20	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-2A-25	12/13/08	25	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.0080 [e]	---
MW-2A-30	12/13/08	30	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.014 [e]	---
MW-2A-35	12/13/08	35	<50	---	<0.0050	<0.0050	0.013	0.0093	---	0.070 [g]	---
MW-2A-40	12/13/08	40	68	---	<0.0050	<0.0050	0.024	0.0066	---	0.017 [e]	---
MW-2A-43	12/13/08	43	540	---	<1.0	<1.0	2.1	2.2	---	<1.0 [e]	---
MW-2A-46	12/13/08	46	270	---	<0.50	<0.50	<0.50	<0.50	---	<0.50 [e]	---
MW-3A@5	12/12/08	5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-3A@10	12/12/08	10	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-3A@15	12/12/08	15	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-3A@20	12/12/08	20	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-3A@25	12/12/08	25	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-3A@30	12/12/08	30	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-3A@35	12/12/08	35	1.6	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
MW-3A@38	12/12/08	38	<50	---	<0.50	<0.50	<0.50	0.53	---	<0.50 [e]	---
MW-3A@40	12/12/08	40	300	---	<0.50	<0.50	3.5	4.9	---	<0.50 [e]	---
MW-3A@45	12/12/08	45	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [e]	---
ESL [d]			180	180	2.0	9.3	4.7	11	8.4	8.4	17

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*

Abbreviations:

All results in miligrams per kilogram (mg/kg) unless otherwise indicated.
TPHg = Total petroleum hydrocarbons as gasoline. Prior to August 7, 2003, samples analyzed by modified EPA Method 8015; subsequently analyzed by EPA Method 8260B.
TPHd = Total petroleum hydrocarbons as diesel analyzed by modified EPA Method 8015
MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8020 or EPA Method 8260B.
PCE = Tetrachloroethene analyzed by EPA Method 8010.
fbg = Feet below grade.
<x = Not detected at reporting limit x
--- = Not analyzed.
ESL = Environmental screening level

Notes:

Benzene, toluene, ethylbenzene, and xylene analyzed by EPA Method 8020 prior to August 7, 3003; subsequently analyzed by EPA Method 8260B.
Selected samples from soil borings BH-A through BH-F were analyzed for petroeum oil and grease by American Public Health Association (APHA) Standard Method 503E

a = Laboratory reported that the detected compound is a hydrocarbon lighter than diesel.
b = No total petroleum hydrocarbons as motor oil detected at modified EPA method 8015 detection limit of 10 ppm
c = Boring attempted however not feasible due to subsurface or overhead obstruction
d = San Francisco Regional Water Quality Control Board Environmental Screening Levels - Table D. Deep soils (>3 m bgs). Groundwater is not a current or potential source of drinking water.
e = Soil sample also analyzed for fuel oxygenates tertiary-butyl alcohol, di isopropyl ether, ethyl-tertiary-butyl ether, and tertiary-amyl-methyl ether. None were detected in any of the soil samples.
f = Reported concentration exceeds instrument calibration range.
g = Soil sample also analyzed for fuel oxygenates tertiary-butyl alcohol, (TBA), di isopropyl ether, ethyl-tertiary-butyl ether, and tertiary-amyl-methyl ether. TBA was detected at a concentration of 0.053 mg/kg.

TABLE 2

SOIL VAPOR ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE, SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*TPHg*	*Benzene*	*Toluene*	*Ethylbenzene*	*Total Xylenes*	*MTBE*	*Butane*	*Isobutane*	*Propane*
SVP-1	12/31/2008	<9,000	<2.5	7.5	<3.4	<14	<11	<19	<19	<42
SVP-1 DUP [b]	12/31/2008	<9,800	<2.7	7.7	<3.7	<15	<12	<20	<20	<46
SVP-2	12/31/2008	<10,000	<2.8	<3.4	<3.9	<15	<13	<21	72	<48
SVP-3	12/31/2008	<9,900	3.8	18	10	56	<12	<21	<21	<47
SVP-4	12/31/2008	<9,400	<2.6	<3.1	<3.5	<14	<12	<19	<19	<44
SVP-5	12/31/2008	<9,200	<2.6	<3.0	<3.5	<14	<12	<19	<19	<43
Residential Land Use ESL [a]:		*10,000*	*84*	*63,000*	*980*	*21,000*	*9,400*	*NA*	*NA*	*NA*
Commercial/Industrial Land Use ESLs [a]:		*29,000*	*280*	*180,000*	*3,300*	*58,000*	*31,000*	*NA*	*NA*	*NA*

Notes:

All results in micrograms per cubic meter ($\mu g/m^3$) unless otherwise indicated.
TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method TO-3 GC/FID
Benzene, toluene, ethylbenzene and total xylenes by modified EPA Method TO-15 GC/FID Full Scan
MTBE = Methyl tertiary-butyl ether by modified EPA Method TO-15 GC/FID Full Scan
Butane, isobutane, and propane by modified EPA Method TO-15 GC/FID Full Scan
ESL = Environmental screening level
NA = No applicable ESL

a = San Francisco Bay RWQCB ESLs for shallow soil gas (Table E)
b = Field duplicate

APPENDIX A

SITE HISTORY

SITE HISTORY

November 1986 Waste-Oil Tank Removal: In November 1986, Petroleum Engineering of Santa Rosa, California removed a 550-gallon waste oil tank and installed a new 550-gallon fiberglass tank in the former tank pit. Immediately following the tank removal, Blaine Tech Services, Inc. (Blaine) of San Jose, California collected soil samples beneath the former tank location at 8.75 and 9 feet below grade (fbg). The soil samples contained maximum concentrations of 83 milligrams per kilogram (mg/kg) petroleum oil and grease and 583 mg/kg total oil and grease (TOG). After additional excavation, Blaine collected another soil sample at 9.5 fbg, which contained 89.3 mg/kg TOG. No groundwater was encountered in the tank pit. No report documenting these activities could be located.

March 1990 Well Installation: In March 1990, Weiss Associates (Weiss) of Emeryville, California advanced a soil boring (BH-A) and converted it to groundwater monitoring well MW-1 adjacent to the waste-oil tank. No petroleum constituents were detected in soil samples analyzed from boring BH-A. Tetrachloroethene (PCE) was detected at 35 micrograms per liter (µg/l). The maximum total petroleum hydrocarbons as gasoline (TPHg) concentration in groundwater from well MW-1 was 510 µg/l. Weiss' July 31, 1990 *Second Quarter 2005* letter report documents these activities.

February 1992 Subsurface Investigation: In February 1992, Weiss advanced two soil borings (BH-B and BH-C) up gradient and down gradient of the existing underground storage tanks (USTs) and converted them into monitoring wells MW-2 and MW-3. A maximum TPHg concentration of 8,800 mg/kg was detected in boring BH-B, which was converted into monitoring well MW-2. No benzene was detected in this investigation. Weiss' April 27, 1992 *Subsurface Investigation* letter report documents these activities.

1992 Well Survey: Weiss included a ½-mile radius well survey with the report of the February 1992 subsurface investigation. A total of 21 wells were identified within ½ mile of the site. One domestic supply well was identified approximately ½ mile northeast (cross gradient) of the site. One domestic or irrigation supply well was also identified within 500 feet west (cross and down gradient) and another within 500 feet east (cross and up gradient) of the site. Weiss' April 27, 1992 *Subsurface Investigation* letter report documents these activities.

February 1994 Subsurface Investigation: In February 1994, Weiss advanced three soil borings (BH-D, BH-E, and BH-F) up gradient and down gradient of the existing USTs.

Boring BH-F was converted into monitoring well MW-4. No TPHg was detected in this investigation. A maximum benzene concentration of 0.015 mg/kg was detected in boring BH-E No report documenting these activities or logs of borings BH-D and BH-E could be located.

October 1995 Dispenser Replacement Sampling: In October 1995, Weiss collected soil samples from beneath the former dispensers. A maximum TPHg concentration of 130 mg/kg was detected in soil sample D-2A, located 2 fbg beneath the northern dispenser-island. A maximum benzene concentration of 0.31 mg/kg was detected in soil sample L-1, located 2 fbg beneath the product piping lines on the south end of the site. Weiss' March 5, 1996 *Replacement Sampling Report* documents these activities.

September 1998 and July 1999 through September 1999 Mobile Groundwater Extraction: Mobile groundwater extraction (GWE) was performed at the site on September 2, 1998, and weekly GWE events were performed from July 30, 1999 through September 9, 1999, using wells MW-1, MW-3, and MW-5. Approximately 17.9 pounds of liquid-phase TPHg and 0.77 pounds of methyl tertiary-butyl ether (MTBE) were removed during these activities. No report documenting the mobile groundwater extraction events could be located.

May 1999 Well Installation: In May 1999, Cambria Environmental Technology, Inc. (Cambria) installed groundwater monitoring wells MW-5, MW-6, MW-7, and MW-8. Soil samples collected from boring MW-5 contained maximum concentrations of 10.5 mg/kg TPHg at 40.5 fbg, 0.0475 mg/kg benzene at 35.5 fbg, and 2.25 mg/kg MTBE at 35.5 fbg. Cambria's August 29, 1999 *Well Installation Report* documents these activities.

June 2000 Site Investigation and Risk Based Corrective Action (RBCA) Evaluation: In June 2000, Cambria collected *in-situ* vapor and physical soil property samples and prepared a RBCA analysis of the potential risk to off-site receptors posed by hydrocarbons originating from the site. Six soil borings (B-1 through B-6) were drilled, and soil, soil vapor, and groundwater samples were collected. Soil sample were collected for physical parameter analysis including organic carbon content, moisture content, bulk density, and porosity. The risk evaluation showed that the calculated excess cancer risk posed by the site was below the target risk level of 1×10^{-6} and that off-site conditions at the time did not pose a significant risk to off-site occupants directly adjacent to the site. Water was not detected in B-5 and B-6 and groundwater samples could not be collected from B-3 and B-4. Groundwater samples were collected from B-1 and B-2. No TPHg, benzene, or MTBE was detected in the collected groundwater samples. Cambria's June 27, 2001 *Investigation Report and Risk-Based Corrective Action Analysis* documents these findings.

November 2000 through January 2005 Mobile Dual-Phase Vapor Extraction (DVE): In November 2000, Cambria initiated monthly mobile DVE on wells MW-5 and MW-6 to facilitate hydrocarbon and oxygenate removal from groundwater and the vadose zones. Approximately 131.47 pounds of vapor-phase TPHg and 1.23 pounds of vapor-phase MTBE were removed during these activities. Since UST enhanced-vapor-recovery upgrades occurred in January 2005 and because of the lack of marked effect on concentrations in MW-5 and MW-6, mobile DVE was put on hold following the January 7, 2005 event pending an overall evaluation of the site.

April 2002 Enhanced UST Testing: On April 2 and 3, 2002, Shell voluntarily conducted enhanced testing on the USTs at this site. Enhanced testing included a VacuTect Tank Test of tanks under vacuum conditions. When the VacuTect test indicated a problem with the plus tank, the product was immediately transferred out of tank for investigation, which included tank entry for visual inspections and further tank tests. No visible cracks were found, but additional layers of fiberglass were added to suspected problem areas. A passing VacuTect test was conducted. Cambria's October 15, 2002 *Subsurface Investigation Work Plan* indicated that the crack was detected in the secondary containment of the tank, but the tank was actually a single-wall vessel and, as previously mentioned, no crack was detected. A problem with the tank was only found during the VacuTect test, which does not necessarily indicate a leak condition.

August 2003 Soil and Water Investigation and Site Conceptual Model: From August 4 through August 7, 2003, Cambria supervised the advancement of six soil borings (SB-1 through SB-4 off site and SB-6 and SB-7 on site). The borings were advanced to total depths of 48 to 52.5 fbg to define vertical and horizontal migration of the contaminate plume and to determine down gradient monitoring well locations. Soil sample results from the investigation indicated neither hydrocarbons nor MTBE impacts to unsaturated soil in the boring locations. However, the groundwater sample results indicated hydrocarbons and MTBE impacts to groundwater, primarily on site. The site conceptual model was updated and identified one potential down gradient receptor, irrigation well 2S/3W-25L1 located at 566 Estudillo Avenue, which is discussed below. Cambria's November 3, 2003 *Soil and Water Investigation Report, Work Plan, and Site Conceptual Model* documents these activities.

October 2003 Sensitive Receptor Survey (SRS): In October 2003, Cambria completed a SRS at Shell's request. The SRS targeted the following as potential sensitive receptors: basements within 200 feet, surface water, and sensitive habitats within 500 feet, hospitals, residential care, and childcare facilities within 1,000 feet, and water wells within ½ mile. No basements were observed within 200 feet, nor was any surface water or sensitive habitats observed within 500 feet. Hospitals and educational, childcare, and

residential care facilities were identified at approximately 140, 345, 650, and 670 feet from the site. Bancroft Middle School (1250 Bancroft Avenue) is located approximately 140 feet from the site. The Shelter for Women and Children (1395 Bancroft Avenue) is located approximately 345 feet from the site. Bancroft Convalescent Hospital (1475 Bancroft Avenue) is located approximately 650 feet from the site. Jones Convalescent Hospital (524 Callan Avenue) is located approximately 670 feet from the site.

To update the 1992 well survey performed by Weiss and updated by Cambria in 1998 and 1999, Cambria researched Department of Water Resources (DWR) records in September 2003, and located no additional well records for locations within ½ mile of the site. In addition to numerous wells listed as "irrigation" wells, a number of DWR records identified wells at residential addresses for which no use was listed. The 1992 Weiss well survey also reviewed Alameda County Public Works well database records, which also listed many of the wells identified in the DWR records search with unknown uses. In the Alameda County listing, several of the wells were listed as "domestic" type wells. Because "domestic" usage may include drinking-water uses, Cambria investigated all three identified downgradient wells within ½ mile with "domestic" usage noted in the Alameda County Public Works database report to clarify their actual use and current status.

The closest identified "domestic" water well (25L1) is an 88-foot deep well installed in 1952, approximately 150 feet southwest of the site. This well is an active irrigation well identified at the adjacent property, 560 Estudillo Avenue. Cambria confirmed that the well is used only for landscape irrigation by interviewing the property manager and by inspecting the well. The next nearest "domestic" well is located approximately 390 feet east of the site (25K1). Cambria interviewed the property owner's custodian, who verified the well's presence, and also verified that the well is not used. The next nearest "domestic" well is located approximately 1,425 feet south of the site (25P2). Cambria met the property owner who verified that the well had not been used since the early 1980's when the well pump failed.

February 2004 Investigations: Four monitoring wells (MW-9, MW-10, MW-11, and MW-12) and four borings (SB-9, SB-10, SB-11, and SB-12) were installed in February 2004 to define the lateral and vertical extent of MTBE in groundwater and to provide for ongoing groundwater monitoring down gradient of the site. MTBE, TPHg, and benzene, toluene, ethylbenzene, and xylenes (BTEX) were not detected in any soil samples collected during the current investigation with the exception of samples from well locations MW-9 and MW-10. TPHg and benzene were detected only in the soil sample from on-site well MW-9 from a depth of 35 fbg at concentrations of 820 mg/kg and 1.0 mg/kg, respectively. MTBE was detected in the MW-9 soil samples at depths of

25 fbg, 30 fbg, and 35 fbg at concentrations of 0.071 mg/kg, 0.093 mg/kg, and 1.0 mg/kg, respectively. MTBE was also detected at a concentration of 0.017 mg/kg in a soil sample from off-site well MW-10 at a depth of 39.5 fbg. Since groundwater was encountered at approximately 35 fbg during the current investigation, all the hydrocarbon, and/or MTBE impacted samples were from saturated soils or from within the capillary fringe, so the results may be more indicative of chemical concentrations in groundwater.

TPHg was detected only in the on-site grab groundwater samples SB-10-W and SB-11-W at concentrations of 1,100 and 2,600 µg/l, respectively. Benzene and MTBE were detected only in the on-site grab groundwater sample SB-11-W at concentrations of 9.1 and 76 µg/l, respectively. No toluene, ethylbenzene, or xylenes were detected in any of the grab groundwater samples. No groundwater was encountered in SB-12.

Additionally, an inspection of the off-site irrigation well (25L2) located down gradient of the site at 566 Estudillo Avenue was to be conducted by video inspection to evaluate total depth and screen intervals. The inside of the casing was heavily coated with fine-grained material, making it impossible to determine the top of the screen interval. No screen perforations were visible at or above the 31-fbg level of the water. Occasional circular depressions, which could be screen perforations, were observed at approximately 64 fbg. Due to fine-grained debris in the bottom of the well casing, the maximum explorable depth of the well was 79 fbg. The results of this investigation are presented in Cambria's April 29, 2004 *Soil and Water Investigation, Monitoring Well Installation, and Irrigation Well Video Inspection Report.*

2005 Dispenser Upgrade Sampling: During January and February of 2005, Armer/Norman & Associates. Inc. of Pacheco, California upgraded the station's fuel system, including the UST sumps and fuel dispensers. Cambria collected four soil samples beneath the replaced dispensers at depths from 4 to 4.5 fbg. TPHg and BTEX concentrations were below the laboratory detection limits in all dispenser soil samples. MTBE was detected in one soil sample (D-3-4.5) at a concentration of 0.0088 mg/kg. No other analytes were detected in excess of their laboratory detection limit. The results of this investigation are presented in Cambria's March 23, 2005 *Dispenser Upgrade Sampling Report.*

2006 Waste Oil Tank Removal Sampling: In July 2006, Wayne Perry, Inc. (Wayne Perry) of Sacramento, California removed one 550-gallon, single-wall, fiberglass waste oil UST. Cambria observed no cracks, holes, or corrosion in the UST upon removal. Cambria collected one soil sample (WO-1-11) from the bottom of the UST excavation at a depth of 11 feet below grade using an excavator. Soil sample WO-1-11 contained 64 mg/kg oil and grease, 1.5 mg/kg TPHd, 0.075 mg/kg methylene chloride, 29.6 mg/kg chromium,

8.18 mg/kg lead, 40.0 mg/kg nickel, and 75.4 mg/kg zinc. Based on these concentrations, Shell submitted an Underground Storage Tank Unauthorized Release (Leak)/Site Contamination Report (Unauthorized Release Report) on July 28, 2006.

2007 Subsurface Investigation: During November and December of 2007 Conestoga-Rovers & Associates (CRA) drilled one soil boring (SB-16) and four cone penetrometer test (CPT) borings (CPT-1 through CPT-4) to define the vertical extent of gasoline compounds and fuel oxygenates in soil and groundwater. Soil samples from soil boring SB-16 contained TPHg, ethylbenzene, xylenes and MTBE at concentrations below San Francisco Bay Regional Water Quality Control Board environmental screening levels (SF-RWQCB ESLs). Groundwater grab sampling attempts from the shallow interval (less than 50 fbg) resulted in sample recovery after waiting up to 60 minutes for recharge. The single concentration above non-drinking water SF-RWQCB ESLs was TPHg in on-site boring CPT-2.

Groundwater Monitoring Program: There are six groundwater monitoring wells (MW-1 through MW-5 and MW-9) on site, six groundwater monitoring wells (MW-6, MW-7, MW-8, MW-10, MW-11, and MW-12) off site, and one monitored irrigation well (IW-1) off site. All 13 wells are sampled quarterly for TPHg, MTBE, and BTEX. During the third quarter 2008 sampling event:

- The depth to groundwater measured in the monitoring wells ranged from 36.71 to 40.96 feet below top of well casing. The depth to water in irrigation well IW-1 was measured at 36.52 feet. The groundwater elevations ranged from 26.49 to 27.48 feet above mean sea level.

- Groundwater generally flows to the southwest at a fairly flat hydraulic gradient of 0.001. Data for the third quarter of 2008 shows a groundwater trough running through the middle of the site which is not consistent with previous events for this site.

- TPHg was detected in wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-9, and MW-10. The maximum concentration observed was 48,000 µg/l in MW-5.

- Benzene was detected in wells MW-1, MW-2, MW-5, and MW-9, at concentrations up to 53 µg/l in well MW-5.

- MTBE was detected in wells MW-2, MW-3, MW-4, MW-5, MW-6, MW-8, MW-9, and MW-10 at concentrations up to 200 µg/l in well MW-5.

- Irrigation well IW-1 did not contain any constituents of concern.

APPENDIX B

PERMIT

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 09/29/2008 By jamesy

Permit Numbers: W2008-0702 to W2008-0713
Permits Valid from 11/03/2008 to 11/11/2008

Application Id: 1221259291980
Site Location: 1285 Bancroft
Project Start Date: 11/03/2008
Requested Inspection: 11/05/2008
Scheduled Inspection: 11/05/2008 at 11:00 AM (Contact your inspector, Vicky Hamlin at (510) 670-5443, to confirm.)

City of Project Site: San Leandro

Completion Date: 11/11/2008

Applicant: Conestoga-Rovers & Associates - Peter Schaefer
5900 Hollis St Suite A, Emeryville, CA 94608
Phone: 510-420-3319

Property Owner: US Shell Oil Products
20945 S Wilmington Ave, Carson, CA 90810
Phone: 707-865-0251

Client: ** same as Property Owner **

Total Due:	$2990.00
Total Amount Paid:	$2990.00
PAID IN FULL	

Receipt Number: WR2008-0340
Payer Name : Conestoga-Rovers & Associates
Paid By: CHECK

Works Requesting Permits:

Well Destruction-Monitoring - 4 Wells
Driller: Gregg Drilling & Testing - Lic #: 485165 - Method: other

Work Total: $1380.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2008-0702	09/29/2008	02/01/2009	MW-1	10.00 in.	4.00 in.	35.00 ft	60.00 ft			
W2008-0703	09/29/2008	02/01/2009	MW-2	10.00 in.	4.00 in.	35.00 ft	60.00 ft			
W2008-0704	09/29/2008	02/01/2009	MW-3	10.00 in.	4.00 in.	36.00 ft	60.00 ft			
W2008-0705	09/29/2008	02/01/2009	MW-4	10.00 in.	4.00 in.	31.00 ft	55.00 ft			

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.

2. Sound the well to measure depth and to ensure no obstructions exist.

Excavate and remove existing casing 3 to 5 foot below ground surface (bgs), including vent cap and well or vault cover.

Grout neat cement with a tremie to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade.

After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions

Alameda County Public Works Agency - Water Resources Well Permit

3. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

4. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

5. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.

6. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost and liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.

7. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

8. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

9. Remove the Christy box or similar structure.

Destroy well by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil.

After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.

10. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

Well Destruction-Monitoring - 0 Wells
Driller: Gregg Drilling & Testing - Lic #: 485165 - Method: other

Work Total: ** $0.00
**** Cancelled Work. Total amount adjusted. ****

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
* Cancelled *			MW-2	10.00 in.	4.00 in.	36.00 ft	60.00 ft			

Alameda County Public Works Agency - Water Resources Well Permit

Well Destruction-Monitoring - 0 Wells
Driller: Gregg Drilling & Testing - Lic #: 485165 - Method: other

Work Total: ** $0.00
**** Cancelled Work. Total amount adjusted. ****

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
* Cancelled *			MW-3	10.00 in.	4.00 in.	35.00 ft	60.00 ft			

Well Destruction-Monitoring - 0 Wells
Driller: Gregg Drilling & Testing - Lic #: 485165 - Method: other

Work Total: ** $0.00
**** Cancelled Work. Total amount adjusted. ****

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
* Cancelled *			MW-4	10.00 in.	4.00 in.	31.00 ft	55.00 ft			

Well Construction-Monitoring-Monitoring - 4 Wells
Driller: Gregg Drilling & Testing - Lic #: 485165 - Method: auger

Work Total: $1380.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2008-0709	09/29/2008	02/01/2009	MW-1A	10.00 in.	4.00 in.	33.00 ft	45.00 ft
W2008-0710	09/29/2008	02/01/2009	MW-1B	10.00 in.	4.00 in.	33.00 ft	45.00 ft
W2008-0711	09/29/2008	02/01/2009	MW-2A	10.00 in.	4.00 in.	33.00 ft	45.00 ft
W2008-0712	09/29/2008	02/01/2009	MW-3A	10.00 in.	4.00 in.	48.00 ft	60.00 ft

Specific Work Permit Conditions

1. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

2. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

3. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

4. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755

(Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

5. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.

6. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

7. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.

8. Minimum surface seal thickness is two inches of cement grout placed by tremie

9. Minimum seal (Neat Cement seal) depth for monitoring wells is 5 feet below ground surface(BGS) or the maximum depth practicable or 20 feet.

10. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

Remediation Well Construction-Vapor Remediation Well - 5 Wells
Driller: Gregg Drilling & Testing - Lic #: 485165 - Method: other **Work Total: $230.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2008-0713	09/29/2008	02/01/2009	SVP-1	3.50 in.	0.50 in.	4.00 ft	5.00 ft
W2008-0713	09/29/2008	02/01/2009	SVP-2	3.50 in.	0.50 in.	4.00 ft	5.00 ft
W2008-0713	09/29/2008	02/01/2009	SVP-3	3.50 in.	0.50 in.	4.00 ft	5.00 ft
W2008-0713	09/29/2008	02/01/2009	SVP-4	3.50 in.	0.50 in.	4.00 ft	5.00 ft
W2008-0713	09/29/2008	02/01/2009	SVP-5	3.50 in.	0.50 in.	4.00 ft	5.00 ft

Specific Work Permit Conditions

1. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

2. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

4. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.

5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Minimum seal depth (Neat Cement Seal) is 2 feet below ground surface (BGS).

7. Minimum surface seal thickness is two inches of cement grout placed by tremie

8. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

9. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

APPENDIX C

BORING LOGS

Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	**BORING/WELL NAME**	MW-1A
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	08-Dec-08
LOCATION	1285 Bancroft Avenue, San Leandro, California	**DRILLING COMPLETED**	12-Dec-08
PROJECT NUMBER	240504-008	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Test America, C-57 #819548	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	10"	**SCREENED INTERVALS**	35 to 45 fbg
LOGGED BY	E. Reinhart-Koylu	**DEPTH TO WATER (First Encountered)**	42.0 fbg (12-Dec-08)
REVIEWED BY	P. Schaefer	**DEPTH TO WATER (Static)**	NA
REMARKS	Air knife to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.5	
0							**SILT with Sand (ML)**; dark brown (7.5YR 3/3); moist; 80% silt, 20% fine sand; low plasticity.		
0									
2.9	5 8 12	MW-1A @ 5		5	ML				
3.0	10 12 10	MW-1A @ 10		10	CL		**CLAY (CL)**; dark brown (7.5YR 3/3); moist; 65% clay, 35% silt; medium plasticity.	10.0	
3.8	10 14 16	MW-1A @ 15		15	ML		**SILT (ML)**; dark brown (7.5YR 3/3); moist; 35% clay, 65% silt; medium plasticity.	15.0	Portland Type I/II
				20				20.0	

Continued Next Page

Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	**BORING/WELL NAME**	MW-1A
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	08-Dec-08
LOCATION	1285 Bancroft Avenue, San Leandro, California	**DRILLING COMPLETED**	12-Dec-08

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
4.5	11, 14, 18	MW-1A @ 20			ML		**SILT with Sand (ML)**; brown (7.5YR 4/4); moist; 5% clay, 80% silt, 15% fine sand; medium plasticity.	
2.9	9, 14, 17	MW-1A @ 25		25	ML		**SILT (ML)**; brown (7.5YR 4/4); moist; 15% clay, 80% silt, 5% fine sand; medium plasticity.	25.0
2.7	12, 18, 21						@ 27' - 10% clay, 80% silt, 10% fine sand.	
2.4	12, 14, 23							29.0
2.7				30	ML		**SILT with Sand (ML)**; dark yellowish brown (10YR 4/4); moist; 5% clay, 70% silt, 25% fine sand; medium plasticity. No recovery.	30.0
3.9	16, 18, 24	MW-1A @ 32					**SILT with Sand (ML)**; dark yellowish brown (10YR 4/4); moist; 5% clay, 75% silt, 20% sand; medium plasticity.	31.5
3.2	12, 14, 26							
4.8	15, 21, 38	MW-1A @ 35		35	ML			
20	14, 18, 28							38.0
199	16, 34, 32				SP		**SAND (SP)**; very dark grayish brown (2.5Y 3/2); moist; 10% clay, 10% silt, 80% coarse angular sand.	
501	14, 18, 31	MW-1A @ 40		40	ML		**SILT (ML)**; dark grayish brown (2.5Y 4/2); moist; 30% clay, 70% silt; medium plasticity.	40.0
66.1	12, 14, 34						▽ **CLAY (CL)**; dark grayish brown (2.5Y 4/2); moist; 70% clay, 30% silt, high plasticity.	42.0

WELL DIAGRAM

- Bentonite Seal
- Monterey Sand #2/12
- 4"-diam., 0.020" Slotted Schedule 40 PVC

WELL LOG (PID) I:\SHELL\6-CHARS\2405--1240504-SAN LEANDRO 1285 BANCROFT\1240504-PRE-SEPTEMBER 2008\GINT\SNL1285.GPJ DEFAULT.GDT 12/16/08

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	**BORING/WELL NAME**	MW-1A
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	08-Dec-08
LOCATION	1285 Bancroft Avenue, San Leandro, California	**DRILLING COMPLETED**	12-Dec-08

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PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
	8 14				CL		@ 44' - 65% clay, 35% silt.		
68.3	22	MW-1A @ 45		45				45.5	Bottom of Boring @ 45.5 fbg

WELL LOG (PID) I:\SHELL\6-CHARS\2405--1240504-SAN LEANDRO 1285 BANCROFT\240504-PRE-SEPTEMBER 2008\GINT\SNL1285.GPJ DEFAULT.GDT 12/16/08

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	**BORING/WELL NAME**	MW-1B
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	08-Dec-08
LOCATION	1285 Bancroft Avenue, San Leandro, California	**DRILLING COMPLETED**	11-Dec-08
PROJECT NUMBER	240504-008	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Test America, C-57 #819548	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	10"	**SCREENED INTERVALS**	50 to 60 fbg
LOGGED BY	E. Reinhart-Koylu	**DEPTH TO WATER (First Encountered)**	42.0 fbg (11-Dec-08)
REVIEWED BY	P. Schaefer	**DEPTH TO WATER (Static)**	NA
REMARKS	Air knifed to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.5	
0							**SILT with Sand (ML)** ; dark brown (7.5YR 3/3); moist; 80% silt, 20% fine sand; low plasticity.		
0									
3.5	5			5					
	9								
	12				ML				
3.2	8			10					
	12								
	16								
1.0	12			15			**CLAY with Sand (CL)** ; brown (7.5YR 4/4); moist; 85% clay, 15% fine sand; medium plasticity.	15.0	
	20				CL				
	24			20				20.0	

WELL LOG (PID) I:\SHELL\6-CHARS\2405--\240504-SAN LEANDRO 1285 BANCROFT\240504-PRE-SEPTEMBER 2008\GINT\SNL1285.GPJ DEFAULT.GDT 12/16/08

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	**BORING/WELL NAME**	MW-1B
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	08-Dec-08
LOCATION	1285 Bancroft Avenue, San Leandro, California	**DRILLING COMPLETED**	11-Dec-08

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PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
1.1	13 24 25						**SILT (ML)**; brown (7.5YR 4/4); moist; 25% clay, 75% silt; low plasticity.		Portland Type I/II
0	9 11 14			25					
0 0	10 13 16			30	ML		@ 30' - dark yellowish brown (10YR 4/4).		
0	60 30 26			35			@ 35' - 5% clay, 85% silt, 10% fine sand.		
8.5 63 0	8 10 12 12 18 21	MW-1B @ 41'		40	CL		**CLAY (CL)**; dark greenish gray (10Y 4/1); moist; 90% clay, 10% silt; medium plasticity.	40.0	

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	**BORING/WELL NAME**	MW-1B
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	08-Dec-08
LOCATION	1285 Bancroft Avenue, San Leandro, California	**DRILLING COMPLETED**	11-Dec-08

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PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
							@ 43' - olive brown (2.5Y 4/3).	
0	14							44.0
	19						**SILT with Sand (ML)**; brown (10YR 4/3); moist; 80% silt, 20% fine sand; medium plasticity.	
	25				ML			45.0
0	10			45			**SILT (ML)**; dark yellowish brown (10YR 4/4); moist; 20% clay, 70% silt, 10% fine sand; low plasticity.	
	15				ML			46.0
	21						**SILT with Sand (ML)**; brown (7.5YR 4/3); moist; 75% silt, 25% coarse angular sand; low plasticity.	
0	16				ML			47.0
	18						**CLAY (CL)**; brown (7.5YR 4/3); moist; 80% clay, 20% silt; medium plasticity.	
	26							
0	20	MW-1B @ 48'						
	25							
	39				CL			
0	18			50				
	20							
	36							51.0
	14						**SAND (SW)**; dark yellowish brown (10YR 4/4); wet; 5% clay, 90% fine to coarse sand, 5% small gravel.	
2.3	26							
	35							
20.3	17	MW-1B @ 53'			SW			
	34							
	35							
								55.0
12.1	15			55			**Silty SAND (SM)**; dark yellowish brown (10YR 4/4); 20% silt, 75% fine to coarse sand, 5% small gravel.	
	18				SM			56.0
	22						**SAND with Silt (SW-SM)**; dark yellowish brown (10YR 4/4); wet; 10% silt, 85% fine to medium sand, 5% small rounded gravel.	
	15				SW SM			57.0
	18						No recovery.	
	22							58.0
							SAND with Silt (SW-SM); dark yellowish brown (10YR 4/4); wet; 10% silt, 85% fine to medium sand, 5% small rounded gravel.	
	17				SW SM			
	19							
5.4	25	MW-1B @ 60'		60				60.5

WELL DIAGRAM

- Bentonite Seal
- Monterey Sand #2/12
- 4"-diam., 0.020" Slotted Schedule 40 PVC
- Bottom of Boring @ 60.5 fbg

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	**BORING/WELL NAME**	MW-2A
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	09-Dec-08
LOCATION	1285 Bancroft Avenue, San Leandro, California	**DRILLING COMPLETED**	13-Dec-08
PROJECT NUMBER	240504-008	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Test America, C-57 #819548	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	10"	**SCREENED INTERVALS**	35 to 45 fbg
LOGGED BY	E. Reinhart-Koylu	**DEPTH TO WATER (First Encountered)**	38.0 fbg (13-Dec-08)
REVIEWED BY	P. Schaefer	**DEPTH TO WATER (Static)**	NA
REMARKS	Air knifed to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.5	
88					ML		**SILT with Sand (ML)**; dark brown (7.5YR 3/3); moist; 80% silt, 20% fine sand; low plasticity.		
0.0	5 8 13			5			**Sandy SILT (ML)**; dark brown (7.5YR 3/3); moist; 60% silt, 40% fine sand; low plasticity.	5.0	
0.2	8 15 20			10					
0.2	18 27 34			15			**SILT with Sand (ML)**; dark brown (7.5YR 3/3); moist; 15% clay, 60% silt, 25% fine sand; medium plasticity.	15.0	Portland Type I/II
				20					

WELL LOG (PID) I:\SHELL\6-CHARS\2405--\240504-SAN LEANDRO 1285 BANCROFT\240504-PRE-SEPTEMBER 2008\GINT\SNL1285.GPJ DEFAULT.GDT 12/16/08

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	**BORING/WELL NAME**	MW-2A
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	09-Dec-08
LOCATION	1285 Bancroft Avenue, San Leandro, California	**DRILLING COMPLETED**	13-Dec-08

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PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0.0	15 17 18						@ 20' - dark brown (7.5YR 3/4); 75% silt, 25% fine sand.		
0.5	9 12 15			25	ML		@ 25' - very dark grayish brown (2.5Y 3/2); 80% silt, 20% fine sand.		
0.3	12 12 15						@ 27.5' - dark greenish gray (10Y 4/1); 75% silt, 15% fine sand, 10% fine gravel.		
0.0	15 25						@ 29' - wet; 80% silt, 20% fine sand; low plasticity.		
0.0	32			30			@ 30' - brown (10YR 4/3); medium plasticity.		
0.6	19 28 30						@ 31' - gray and brown mottles.		Bentonite Seal
3.4	21 29 30						@ 33' - very dark grayish brown (2.5Y 3/2); moist.		Monterey Sand #2/12
6.6	24 30 35			35			@ 35' - gray and brown mottles; 15% clay, 65% silt, 20% fine sand.		
162.8	18 26 30				GM		▽ **Silty GRAVEL (GM)**; very dark grayish brown (2.5Y 3/2); wet; 35% silt, 10% fine to coarse sand, 55% gravel.	38.0	
372	15 28 34			40	SW		**SAND (SW)**; olive brown (2.5Y 4/3); wet; 5% silt, 95% fine to coarse sand.	39.0	4"-diam., 0.020" Slotted Schedule 40 PVC
68	14 21 30				SW		**SAND with Gravel (SW)**; olive brown (2.5Y 4/3); wet; 70% fine to coarse sand, 30% gravel.	41.5	
							Sandy SILT (ML); gray and brown mottles; wet; 65%	42.5	

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	**BORING/WELL NAME**	MW-2A
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	09-Dec-08
LOCATION	1285 Bancroft Avenue, San Leandro, California	**DRILLING COMPLETED**	13-Dec-08

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PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
224	9						silt, 35% fine grained sand; low plasticity.		
	10								
	14								
	8								
24.4	9			45					
	9							46.0	Bottom of Boring @ 46 fbg

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	**BORING/WELL NAME**	MW-3A
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	09-Dec-08
LOCATION	1285 Bancroft Avenue, San Leandro, California	**DRILLING COMPLETED**	12-Dec-08
PROJECT NUMBER	240504-008	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Test America, C-57 #819548	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	10"	**SCREENED INTERVALS**	35 to 45 fbg
LOGGED BY	E. Reinhart-Koylu	**DEPTH TO WATER (First Encountered)**	40.0 fbg (12-Dec-08)
REVIEWED BY	P. Schaefer	**DEPTH TO WATER (Static)**	NA
REMARKS	Air knifed to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							CONCRETE	0.5	
0							**Sandy SILT (ML)**; dark brown (7.5YR 3/2); moist; 70% silt, 30% fine sand; low plasticity.	1.0	
							SILT with Sand (ML); dark brown (7.5YR 3/2); moist; 80% silt, 20% fine sand; low plasticity.		
0					ML				
2.7	5 8 18	MW-3A @ 5		5			**SILT (ML)**; dark brown (7.5YR 3/2); moist; 90% silt, 10% fine sand; low plasticity.	5.0	
2.4	10 14 20	MW-3A @ 10		10	ML				
2.7	19 35 36	MW-3A @ 15		15			@ 15' - 10% clay, 80% silt, 10% fine sand.		Portland Type I/II
				20				20.0	

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	**BORING/WELL NAME**	MW-3A
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	09-Dec-08
LOCATION	1285 Bancroft Avenue, San Leandro, California	**DRILLING COMPLETED**	12-Dec-08

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PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
1.4	20 25 28	MW-3A @ 20			ML		**SILT with Sand (ML)**; brown (7.5YR 4/3); moist; 80% silt, 20% fine sand; low plasticity.		
2.7		MW-3A @ 25		25	ML		**SILT (ML)**; brown (7.5YR 4/3); moist; 90% silt, 10% fine sand; low plasticity.	25.0	
3.5	13 15 19 17						**SILT with Sand (ML)**; brown (7.5YR 4/3); moist; 80% silt, 20% fine to medium sand; low plasticity.	27.0	
4.4	19 26				ML				
4.7	19 18 24	MW-3A @ 30		30			**Sandy SILT (ML)**; brown (7.5YR 4/4); moist; 55% silt, 45% fine sand; low plasticity.	30.0	
2.7	17 32 50 for 4"						@ 32' - 65% silt, 35% fine sand.		Bentonite Seal
4.1	13 26 32							34.0	Monterey Sand #2/12
8.1	11 19 23	MW-3A @ 35		35			**SILT with Sand (ML)**; brown (10YR 4/3); 85% silt, 15% fine sand; low plasticity.		
192	20 32 50				ML		@ 36' - very dark grayish brown (2.5Y 3/2); 80% silt, 20% fine to medium sand.		
596	21 22 50	MW-3A @ 38							
274	16 15	MW-3A @ 40		40			▽ **SILT (ML)**; olive brown (2.5Y 4/3); moist; 10% clay, 90% silt; medium plasticity.	40.0	4"-diam., 0.020" Slotted Schedule 40 PVC
121	30 17 23						@ 42' - 30% clay, 70% silt.		
121	35								

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	**BORING/WELL NAME**	MW-3A
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	09-Dec-08
LOCATION	1285 Bancroft Avenue, San Leandro, California	**DRILLING COMPLETED**	12-Dec-08

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PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					ML				
41	16								
	18								
24	20	MW-3A @ 45		45				45.5	Bottom of Boring @ 45.5 fbg

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	**BORING/WELL NAME**	SVP-1
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	08-Dec-08
LOCATION	1285 Bancroft Avenue, San Leandro, California	**DRILLING COMPLETED**	08-Dec-08
PROJECT NUMBER	240504-008	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Test America, C-57 #819548	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Air knife	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	7"	**SCREENED INTERVALS**	4.92 to 5 fbg
LOGGED BY	E. Reinhart-Koylu	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	P. Schaefer	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASHPALT	0.5	Portland Type I/II
0					ML		**SILT with Sand (ML)**; dark brown (7.5YR 3/3); moist; 80% silt, 20% fine sand; low plasticity.		1/4" teflon sample tubing Bentonite Seal
2.5		SVP-1 @ 5'		5				5.5	Monterey Sand #2/16 1/4" diam. screen Bottom of Boring @ 5.5 fbg

WELL LOG (PID) I:\SHELL\6-CHARS\2405--\240504-SAN LEANDRO 1285 BANCROFT\240504-PRE-SEPTEMBER 2008\GINT\SNL1285.GPJ DEFAULT.GDT 12/18/08

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	**BORING/WELL NAME**	SVP-2
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	08-Dec-08
LOCATION	1285 Bancroft Avenue, San Leandro, California	**DRILLING COMPLETED**	08-Dec-08
PROJECT NUMBER	240504-008	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Test America, C-57 #819548	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Air knife	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	7"	**SCREENED INTERVALS**	4.92 to 5 fbg
LOGGED BY	E. Reinhart-Koylu	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	P. Schaefer	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0							**ASPHALT**	0.3	Portland Type I/II
					ML		**SILT with Sand (ML)**; dark brown (7.5YR 3/3); moist; 80% silt, 20% fine sand; low plasticity.		1/4" teflon sample tubing Bentonite Seal
4.0		SVP-2 @ 5'		5				5.5	Monterey Sand #2/16 1/4" diam. screen Bottom of Boring @ 5.5 fbg

WELL LOG (PID) I:\SHELL\6-CHARS\2405--\240504-SAN LEANDRO 1285 BANCROFT\240504-PRE-SEPTEMBER 2008\GINT\SNL1285.GPJ DEFAULT.GDT 12/18/08

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	**BORING/WELL NAME**	SVP-3
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	08-Dec-08
LOCATION	1285 Bancroft Avenue, San Leandro, California	**DRILLING COMPLETED**	08-Dec-08
PROJECT NUMBER	240504-008	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Test America, C-57 #819548	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Air knife	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	7"	**SCREENED INTERVALS**	4.92 to 5 fbg
LOGGED BY	E. Reinhart-Koylu	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	P. Schaefer	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0		SVP-3 @ 5'	5		ML		**CONCRETE** 0.5 **SILT with Sand (ML)**; dark brown (7.5YR 3/3); moist; 80% silt, 20% fine sand; low plasticity.	5.5	Portland Type I/II 1/4" teflon sample tubing Bentonite Seal Monterey Sand #2/16 1/4" diam. screen Bottom of Boring @ 5.5 fbg

WELL LOG (PID) I:\SHELL\6-CHARS\2405--\240504-SAN LEANDRO 1285 BANCROFT\240504-PRE-SEPTEMBER 2008\GINT\SNL1285.GPJ DEFAULT.GDT 12/18/08

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	**BORING/WELL NAME**	SVP-4
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	08-Dec-08
LOCATION	1285 Bancroft Avenue, San Leandro, California	**DRILLING COMPLETED**	08-Dec-08
PROJECT NUMBER	240504-008	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Test America, C-57 #819548	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Air knife	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	7"	**SCREENED INTERVALS**	4.92 to 5 fbg
LOGGED BY	E. Reinhart-Koylu	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	P. Schaefer	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0							**ASPHALT**	0.3	Portland Type I/II
					ML		**SILT with Sand (ML)**; dark brown (7.5YR 3/3); moist; 80% silt, 20% fine sand; low plasticity.		1/4" teflon sample tubing Bentonite Seal
0.4		SVP-4 @ 5'		5				5.5	Monterey Sand #2/16 1/4" diam. screen Bottom of Boring @ 5.5 fbg

WELL LOG (PID) I:\SHELL\16-CHARS\2405--\240504-SAN LEANDRO 1285 BANCROFT\240504-PRE-SEPTEMBER 2008\GINT\SNL1285.GPJ DEFAULT.GDT 12/18/08

Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	**BORING/WELL NAME**	SVP-5
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	09-Dec-08
LOCATION	1285 Bancroft Avenue, San Leandro, California	**DRILLING COMPLETED**	09-Dec-08
PROJECT NUMBER	240504-008	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Test America, C-57 #819548	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Air knife	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	7"	**SCREENED INTERVALS**	4.92 to 5 fbg
LOGGED BY	E. Reinhart-Koylu	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	P. Schaefer	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0							**ASPHALT**	0.3	Portland Type I/II
							CONCRETE	0.5	
					ML		**SILT with Sand (ML)**; dark brown (7.5YR 3/3); moist; 80% silt, 20% fine sand; low plasticity.		1/4" teflon sample tubing Bentonite Seal
5.1		SVP-5 @ 5'		5				5.5	Monterey Sand #2/16 1/4" diam. screen Bottom of Boring @ 5.5 fbg

WELL LOG (PID) I:\SHELL\6-CHARS\2405--\240504-SAN LEANDRO 1285 BANCROFT\240504-PRE-SEPTEMBER 2008\GINT\SNL1285.GPJ DEFAULT.GDT 12/18/08

APPENDIX D

CERTIFIED ANALYTICAL REPORTS

Calscience
Environmental
Laboratories, Inc.

December 19, 2008

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

Subject: **Calscience Work Order No.:** **08-12-0990**
Client Reference: **1285 Bancroft Ave., San Leandro, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/10/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of 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.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/10/08
Work Order No: 08-12-0990
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVP-4@5'	08-12-0990-1-A	12/08/08 09:40	Solid	GC/MS PP	12/16/08	12/16/08 15:40	081216L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	108	73-139		1,2-Dichloroethane-d4	108	73-145	
Toluene-d8	96	90-108		1,4-Bromofluorobenzene	87	71-113	
Toluene-d8-TPPH	99	88-112					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVP-2@5'	08-12-0990-2-A	12/08/08 10:40	Solid	GC/MS PP	12/16/08	12/16/08 16:06	081216L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	108	73-139		1,2-Dichloroethane-d4	104	73-145	
Toluene-d8	96	90-108		1,4-Bromofluorobenzene	90	71-113	
Toluene-d8-TPPH	98	88-112					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVP-1@5'	08-12-0990-3-A	12/08/08 14:30	Solid	GC/MS PP	12/16/08	12/16/08 13:33	081216L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	114	73-139		1,2-Dichloroethane-d4	116	73-145	
Toluene-d8	97	90-108		1,4-Bromofluorobenzene	88	71-113	
Toluene-d8-TPPH	99	88-112					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/10/08
Work Order No: 08-12-0990
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-194**	**N/A**	**Solid**	**GC/MS PP**	**12/16/08**	**12/16/08 12:42**	**081216L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	73-139		1,2-Dichloroethane-d4	98	73-145	
Toluene-d8	96	90-108		1,4-Bromofluorobenzene	89	71-113	
Toluene-d8-TPPH	98	88-112					

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/10/08
Work Order No: 08-12-0990
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SVP-1@5'	Solid	GC/MS PP	12/16/08	12/16/08	08121601

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	104	93	79-115	11	0-13	
Carbon Tetrachloride	98	85	55-139	14	0-15	
Chlorobenzene	97	90	79-115	7	0-17	
1,2-Dibromoethane	99	91	70-130	9	0-30	
1,2-Dichlorobenzene	88	89	63-123	1	0-23	
1,1-Dichloroethene	108	92	69-123	17	0-16	4
Ethylbenzene	100	91	70-130	9	0-30	
Toluene	98	88	79-115	11	0-15	
Trichloroethene	96	85	66-144	12	0-14	
Vinyl Chloride	99	89	60-126	11	0-14	
Methyl-t-Butyl Ether (MTBE)	106	94	68-128	12	0-14	
Tert-Butyl Alcohol (TBA)	79	71	44-134	11	0-37	
Diisopropyl Ether (DIPE)	112	98	75-123	14	0-12	4
Ethyl-t-Butyl Ether (ETBE)	108	96	75-117	12	0-12	
Tert-Amyl-Methyl Ether (TAME)	100	90	79-115	10	0-12	
Ethanol	68	65	42-138	6	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-0990
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-194	Solid	GC/MS PP	12/16/08	12/16/08	081216L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	91	91	84-114	79-119	0	0-7	
Carbon Tetrachloride	83	84	66-132	55-143	2	0-12	
Chlorobenzene	90	91	87-111	83-115	1	0-7	
1,2-Dibromoethane	88	89	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	89	94	79-115	73-121	5	0-8	
1,1-Dichloroethene	89	89	73-121	65-129	0	0-12	
Ethylbenzene	89	90	80-120	73-127	1	0-20	
Toluene	88	88	78-114	72-120	0	0-7	
Trichloroethene	86	89	84-114	79-119	2	0-8	
Vinyl Chloride	79	82	63-129	52-140	3	0-15	
Methyl-t-Butyl Ether (MTBE)	90	90	77-125	69-133	0	0-11	
Tert-Butyl Alcohol (TBA)	78	78	47-137	32-152	0	0-27	
Diisopropyl Ether (DIPE)	95	95	76-130	67-139	0	0-8	
Ethyl-t-Butyl Ether (ETBE)	91	92	76-124	68-132	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	89	89	82-118	76-124	1	0-11	
Ethanol	73	73	59-131	47-143	0	0-21	
TPPH	85	86	65-135	53-147	1	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-12-0990

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (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 associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- [x] CALSCIENCE (_____)
- [ ] SPL (_____)
- [ ] XENCO (_____)
- [ ] TEST AMERICA (_____)
- [ ] OTHER (_____)

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER _____

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 98990607 [ ] CHECK IF NO INCIDENT # APPLIES

DATE: 12/8/08

PO #:

SAP #: 13601707

PAGE: 1 of 1

SAMPLING COMPANY: Conestoga-Rovers & Associates

LOG CODE: CRAW

SITE ADDRESS: Street and City: 1285 Bancroft Ave. San Leandro

State: CA

GLOBAL ID NO.: TO600101224

ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608

EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, CRA, Emeryville

PHONE NO: 510-420-3343

E-MAIL: shelledf@craworld.com

CONSULTANT PROJECT NO: 240504-2008-10

PROJECT CONTACT (Hardcopy or PDF Report to): Peter Schaefer

TELEPHONE: 510-420-3319

FAX: 510-420-9170

E-MAIL: pschaefer@craworld.com

SAMPLER NAME(S) (Print): Erin Reinhart-Koylu

LAB USE ONLY: 12-0990

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

cc: Kari Dupler, kdupler@craworld.com

- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [x] RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	Ice	OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPHg (8260B)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH - MO (8015M)	CAM17 Metals - Total (6010)	SVOCs (8270C)	VOCs (8260)	PCBs (8082)	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
1	SVP-4@5'	12/8/08	9:40	Soil					X		1		X	X	X															
2	SVP-2@5'	↓	10:40	↓					↓		↓		↓	↓	↓															
3	SVP-1@5'	↓	2:30	↓					↓		↓		↓	↓	↓															

Relinquished by: (Signature) Erin Reinhart-Koylu	Received by: (Signature) Seamus Lacatan	Date: 12/8/08	Time: 5:30pm
Relinquished by: (Signature)	Received by: (Signature) Tom O'Malley CCR	Date: 12/9/08	Time: 1145
Relinquished by: (Signature) Tom O'Malley TO GSO 12/9/08 1730	Received by: (Signature)	Date: 12/10/08	Time: 1030

5108881059

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08-12-0990

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: CRA DATE: 12/10/08

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.9 °C - 0.2 °C (CF) = 2.7 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** JJ

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** JJ

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** WSC

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on sample label(s)	☐	☐	☑
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBpo_4 ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PBsterile ☐100PBna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____ **Checked/Labeled by:** WSC

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle **Reviewed by:** RN

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH **Scanned by:** WSC

Calscience
Environmental
Laboratories, Inc.

December 22, 2008

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

Subject: **Calscience Work Order No.:** **08-12-1156**
Client Reference: **1285 Bancroft Ave., San Leandro, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/11/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of 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.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/11/08
Work Order No: 08-12-1156
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVP-5@5'	08-12-1156-1-A	12/09/08 09:00	Solid	GC/MS PP	12/17/08	12/17/08 18:40	081217L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	119	73-139		1,2-Dichloroethane-d4	125	73-145	
Toluene-d8	102	90-108		1,4-Bromofluorobenzene	94	71-113	
Toluene-d8-TPPH	103	88-112					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVP-3@5'	08-12-1156-2-A	12/09/08 05:30	Solid	GC/MS PP	12/17/08	12/17/08 19:05	081217L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	113	73-139		1,2-Dichloroethane-d4	115	73-145	
Toluene-d8	96	90-108		1,4-Bromofluorobenzene	86	71-113	
Toluene-d8-TPPH	98	88-112					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-798-196	N/A	Solid	GC/MS PP	12/17/08	12/17/08 13:38	081217L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	73-139		1,2-Dichloroethane-d4	101	73-145	
Toluene-d8	93	90-108		1,4-Bromofluorobenzene	86	71-113	
Toluene-d8-TPPH	95	88-112					

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/11/08
Work Order No: 08-12-1156
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1479-5	Solid	GC/MS PP	12/17/08	12/17/08	081217S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	93	79-115	1	0-13	
Carbon Tetrachloride	79	83	55-139	6	0-15	
Chlorobenzene	95	100	79-115	5	0-17	
1,2-Dibromoethane	93	98	70-130	5	0-30	
1,2-Dichlorobenzene	89	102	63-123	13	0-23	
1,1-Dichloroethene	84	87	69-123	3	0-16	
Ethylbenzene	94	97	70-130	4	0-30	
Toluene	87	88	79-115	1	0-15	
Trichloroethene	82	86	66-144	4	0-14	
Vinyl Chloride	80	86	60-126	7	0-14	
Methyl-t-Butyl Ether (MTBE)	90	95	68-128	6	0-14	
Tert-Butyl Alcohol (TBA)	66	68	44-134	4	0-37	
Diisopropyl Ether (DIPE)	95	100	75-123	5	0-12	
Ethyl-t-Butyl Ether (ETBE)	93	98	75-117	6	0-12	
Tert-Amyl-Methyl Ether (TAME)	90	93	79-115	4	0-12	
Ethanol	66	62	42-138	6	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1156
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-196	Solid	GC/MS PP	12/17/08	12/17/08	081217L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	97	93	84-114	79-119	4	0-7	
Carbon Tetrachloride	87	88	66-132	55-143	1	0-12	
Chlorobenzene	104	100	87-111	83-115	4	0-7	
1,2-Dibromoethane	103	99	80-120	73-127	4	0-20	
1,2-Dichlorobenzene	106	109	79-115	73-121	3	0-8	
1,1-Dichloroethene	92	91	73-121	65-129	0	0-12	
Ethylbenzene	102	98	80-120	73-127	4	0-20	
Toluene	95	90	78-114	72-120	5	0-7	
Trichloroethene	94	89	84-114	79-119	5	0-8	
Vinyl Chloride	86	86	63-129	52-140	0	0-15	
Methyl-t-Butyl Ether (MTBE)	97	98	77-125	69-133	1	0-11	
Tert-Butyl Alcohol (TBA)	81	86	47-137	32-152	6	0-27	
Diisopropyl Ether (DIPE)	103	102	76-130	67-139	1	0-8	
Ethyl-t-Butyl Ether (ETBE)	98	99	76-124	68-132	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	97	94	82-118	76-124	3	0-11	
Ethanol	78	81	59-131	47-143	3	0-21	
TPPH	83	72	65-135	53-147	15	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-12-1156

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (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 associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE ( )
- ☐ SPL ( )
- ☐ XENCO ( )
- ☐ TEST AMERICA ( )
- ☐ OTHER ( )

Please Check Appropriate Box:
- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 8 9 9 6 0 6 7

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 12/9/08

PAGE: 1 of 1

PO #:

SAP #: 1 3 6 0 1 7

SAMPLING COMPANY: Conestoga-Rovers & Associates

LOG CODE: CRAW

SITE ADDRESS: Street and City: 1285 Bancroft Ave. San Leandro

State: CA

GLOBAL ID NO.: TO600101224

ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608

EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, CRA, Emeryville

PHONE NO: 510-420-3343

E-MAIL: shelledf@craworld.com

CONSULTANT PROJECT NO.: 240504-2008-10

PROJECT CONTACT (Hardcopy or PDF Report to): Peter Schaefer

SAMPLER NAME(S) (Print): Erin Reinhart-Koylu

LAB USE ONLY: 12-1156

TELEPHONE: 510-420-3319

FAX: 510-420-9170

E-MAIL: pschaefer@craworld.com

TURNAROUND TIME (CALENDAR DAYS):
- ☑ STANDARD (14 DAY)
- ☐ 5 DAYS
- ☐ 3 DAYS
- ☐ 2 DAYS
- ☐ 24 HOURS
- ☐ RESULTS NEEDED ON WEEKEND

- ☐ LA - RWQCB REPORT FORMAT
- ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

cc: Kari Dupler, kdupler@craworld.com

- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	HCL	HNO3	H2SO4	NONE	Ice OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPHg (8260B)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH - MO (8015M)	CAM17 Metals - Total (6010)	SVOCs (8270C)	VOCs (8260)	PCBs (8082)	Container PID Readings or Laboratory Notes
1	SVP-5@5'	12/9/08	9:00	Soil					X	1		X	X	X															
2	SVP-3@5'	12/9/08	5:30	Soil					X	1		X	X	X															

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
[signature]	Secure location	12/9/08	9:00pm
[signature]	[signature] CEL	12-10-08	1115
[signature] To GSO 12/10/08 1730	[signature]	12/11/08	1030

5108 94592

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08-12-1156

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: CRA

DATE: 12/11/08

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.8 °C - 0.2 °C (CF) = 2.6 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** JP

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** JP

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** DL

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on sample label(s)	☐	☐	☑
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBpo_4 ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PBsterile ☐100PBna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Checked/Labeled by: DL

Reviewed by: RN

Scanned by: DL

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Calscience
Environmental
Laboratories, Inc.

December 23, 2008

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

Subject: **Calscience Work Order No.:** **08-12-1479**
Client Reference: **1285 Bancroft Ave., San Leandro, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/13/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of 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.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/13/08
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1B@41'	08-12-1479-1-A	12/11/08 09:12	Solid	GC/MS PP	12/20/08	12/21/08 02:02	081220L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	0.011	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	8.5	0.50	1	E
Methyl-t-Butyl Ether (MTBE)	0.0090	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	73-139		1,2-Dichloroethane-d4	104	73-145	
Toluene-d8	104	90-108		1,4-Bromofluorobenzene	110	71-113	
Toluene-d8-TPPH	107	88-112					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1B@41'	08-12-1479-1-A	12/11/08 09:12	Solid	GC/MS PP	12/19/08	12/19/08 16:55	081219L02

Parameter	Result	RL	DF	Qual
TPPH	ND	50	100	

Surrogates:	REC (%)	Control Limits	Qual
Toluene-d8-TPPH	100	88-112	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1B@48'	08-12-1479-2-A	12/11/08 09:37	Solid	GC/MS PP	12/17/08	12/17/08 20:20	081217L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	1.6	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	73-139		1,2-Dichloroethane-d4	110	73-145	
Toluene-d8	99	90-108		1,4-Bromofluorobenzene	95	71-113	
Toluene-d8-TPPH	101	88-112					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/13/08
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1B@53'	08-12-1479-3-A	12/11/08 09:52	Solid	GC/MS PP	12/17/08	12/17/08 20:45	081217L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	113	73-139		1,2-Dichloroethane-d4	111	73-145	
Toluene-d8	97	90-108		1,4-Bromofluorobenzene	92	71-113	
Toluene-d8-TPPH	98	88-112					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1B@60'	08-12-1479-4-A	12/11/08 10:12	Solid	GC/MS PP	12/20/08	12/21/08 03:41	081220L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	73-139		1,2-Dichloroethane-d4	98	73-145	
Toluene-d8	100	90-108		1,4-Bromofluorobenzene	96	71-113	
Toluene-d8-TPPH	101	88-112					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1A@5'	08-12-1479-5-A	12/11/08 02:21	Solid	GC/MS PP	12/17/08	12/17/08 14:28	081217L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	112	73-139		1,2-Dichloroethane-d4	115	73-145	
Toluene-d8	96	90-108		1,4-Bromofluorobenzene	85	71-113	
Toluene-d8-TPPH	98	88-112					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/13/08
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1A@10'	08-12-1479-6-A	12/11/08 02:50	Solid	GC/MS PP	12/18/08	12/18/08 18:32	081218L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	114	73-139		1,2-Dichloroethane-d4	130	73-145	
Toluene-d8	98	90-108		1,4-Bromofluorobenzene	96	71-113	
Toluene-d8-TPPH	100	88-112					

MW-1A@15'	08-12-1479-7-A	12/11/08 02:55	Solid	GC/MS PP	12/18/08	12/18/08 20:38	081218L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	116	73-139		1,2-Dichloroethane-d4	131	73-145	
Toluene-d8	101	90-108		1,4-Bromofluorobenzene	100	71-113	
Toluene-d8-TPPH	102	88-112					

MW-1A@20'	08-12-1479-8-A	12/11/08 03:10	Solid	GC/MS PP	12/20/08	12/21/08 04:56	081220L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	73-139		1,2-Dichloroethane-d4	102	73-145	
Toluene-d8	98	90-108		1,4-Bromofluorobenzene	96	71-113	
Toluene-d8-TPPH	100	88-112					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/13/08
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1A@25'	08-12-1479-9-A	12/11/08 03:32	Solid	GC/MS PP	12/20/08	12/21/08 05:20	081220L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	73-139		1,2-Dichloroethane-d4	101	73-145	
Toluene-d8	98	90-108		1,4-Bromofluorobenzene	94	71-113	
Toluene-d8-TPPH	99	88-112					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1A@32'	08-12-1479-10-A	12/11/08 03:50	Solid	GC/MS PP	12/22/08	12/22/08 17:08	081222L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	108	73-139		1,2-Dichloroethane-d4	117	73-145	
Toluene-d8	99	90-108		1,4-Bromofluorobenzene	93	71-113	
Toluene-d8-TPPH	100	88-112					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1A@35'	08-12-1479-11-A	12/11/08 04:20	Solid	GC/MS PP	12/20/08	12/21/08 04:06	081220L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	73-139		1,2-Dichloroethane-d4	103	73-145	
Toluene-d8	98	90-108		1,4-Bromofluorobenzene	94	71-113	
Toluene-d8-TPPH	99	88-112					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/13/08
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1A@40'	08-12-1479-12-A	12/11/08 04:28	Solid	GC/MS PP	12/17/08	12/17/08 19:55	081217L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	1.0	200		Tert-Butyl Alcohol (TBA)	ND	10	200	
Ethylbenzene	1.2	1.0	200		Diisopropyl Ether (DIPE)	ND	2.0	200	
Toluene	ND	1.0	200		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	200	
p/m-Xylene	1.1	1.0	200		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	200	
o-Xylene	ND	1.0	200		TPPH	180	100	200	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	200						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	73-139		1,2-Dichloroethane-d4	98	73-145	
Toluene-d8	99	90-108		1,4-Bromofluorobenzene	89	71-113	
Toluene-d8-TPPH	101	88-112					

MW-1A@45'	08-12-1479-13-A	12/11/08 05:00	Solid	GC/MS PP	12/20/08	12/21/08 04:31	081220L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	2.1	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	73-139		1,2-Dichloroethane-d4	105	73-145	
Toluene-d8	101	90-108		1,4-Bromofluorobenzene	107	71-113	
Toluene-d8-TPPH	102	88-112					

Method Blank	099-12-798-196	N/A	Solid	GC/MS PP	12/17/08	12/17/08 13:38	081217L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	73-139		1,2-Dichloroethane-d4	101	73-145	
Toluene-d8	93	90-108		1,4-Bromofluorobenzene	86	71-113	
Toluene-d8-TPPH	95	88-112					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/13/08
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-798-197	N/A	Solid	GC/MS PP	12/17/08	12/17/08 14:03	081217L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	100		Tert-Butyl Alcohol (TBA)	ND	5.0	100	
Ethylbenzene	ND	0.50	100		Diisopropyl Ether (DIPE)	ND	1.0	100	
Toluene	ND	0.50	100		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	100	
p/m-Xylene	ND	0.50	100		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	100	
o-Xylene	ND	0.50	100		TPPH	ND	50	100	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	73-139		1,2-Dichloroethane-d4	100	73-145	
Toluene-d8	94	90-108		1,4-Bromofluorobenzene	88	71-113	
Toluene-d8-TPPH	96	88-112					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-798-198	N/A	Solid	GC/MS PP	12/18/08	12/18/08 18:07	081218L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	106	73-139		1,2-Dichloroethane-d4	111	73-145	
Toluene-d8	97	90-108		1,4-Bromofluorobenzene	95	71-113	
Toluene-d8-TPPH	99	88-112					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-798-200	N/A	Solid	GC/MS PP	12/19/08	12/19/08 13:32	081219L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	100		Tert-Butyl Alcohol (TBA)	ND	5.0	100	
Ethylbenzene	ND	0.50	100		Diisopropyl Ether (DIPE)	ND	1.0	100	
Toluene	ND	0.50	100		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	100	
p/m-Xylene	ND	0.50	100		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	100	
o-Xylene	ND	0.50	100		TPPH	ND	50	100	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	96	73-139		1,2-Dichloroethane-d4	98	73-145	
Toluene-d8	98	90-108		1,4-Bromofluorobenzene	95	71-113	
Toluene-d8-TPPH	99	88-112					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/13/08
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-202**	**N/A**	**Solid**	**GC/MS PP**	**12/20/08**	**12/21/08 01:12**	**081220L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	73-139		1,2-Dichloroethane-d4	105	73-145	
Toluene-d8	97	90-108		1,4-Bromofluorobenzene	92	71-113	
Toluene-d8-TPPH	99	88-112					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-204**	**N/A**	**Solid**	**GC/MS PP**	**12/22/08**	**12/22/08 12:54**	**081222L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	73-139		1,2-Dichloroethane-d4	101	73-145	
Toluene-d8	96	90-108		1,4-Bromofluorobenzene	93	71-113	
Toluene-d8-TPPH	97	88-112					

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/13/08
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-1A@5'	Solid	GC/MS PP	12/17/08	12/17/08	081217S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	93	79-115	1	0-13	
Carbon Tetrachloride	79	83	55-139	6	0-15	
Chlorobenzene	95	100	79-115	5	0-17	
1,2-Dibromoethane	93	98	70-130	5	0-30	
1,2-Dichlorobenzene	89	102	63-123	13	0-23	
1,1-Dichloroethene	84	87	69-123	3	0-16	
Ethylbenzene	94	97	70-130	4	0-30	
Toluene	87	88	79-115	1	0-15	
Trichloroethene	82	86	66-144	4	0-14	
Vinyl Chloride	80	86	60-126	7	0-14	
Methyl-t-Butyl Ether (MTBE)	90	95	68-128	6	0-14	
Tert-Butyl Alcohol (TBA)	66	68	44-134	4	0-37	
Diisopropyl Ether (DIPE)	95	100	75-123	5	0-12	
Ethyl-t-Butyl Ether (ETBE)	93	98	75-117	6	0-12	
Tert-Amyl-Methyl Ether (TAME)	90	93	79-115	4	0-12	
Ethanol	66	62	42-138	6	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/13/08
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-1A@10'	**Solid**	**GC/MS PP**	**12/18/08**	**12/18/08**	**081218S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	111	108	79-115	3	0-13	
Carbon Tetrachloride	111	114	55-139	3	0-15	
Chlorobenzene	106	101	79-115	5	0-17	
1,2-Dibromoethane	112	106	70-130	6	0-30	
1,2-Dichlorobenzene	99	102	63-123	2	0-23	
1,1-Dichloroethene	112	114	69-123	2	0-16	
Ethylbenzene	110	104	70-130	6	0-30	
Toluene	111	108	79-115	3	0-15	
Trichloroethene	110	105	66-144	4	0-14	
Vinyl Chloride	99	101	60-126	3	0-14	
Methyl-t-Butyl Ether (MTBE)	122	128	68-128	5	0-14	
Tert-Butyl Alcohol (TBA)	110	117	44-134	6	0-37	
Diisopropyl Ether (DIPE)	121	127	75-123	5	0-12	3
Ethyl-t-Butyl Ether (ETBE)	125	130	75-117	4	0-12	3
Tert-Amyl-Methyl Ether (TAME)	119	116	79-115	2	0-12	3
Ethanol	122	135	42-138	10	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/13/08
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1611-4	Solid	GC/MS PP	12/19/08	12/19/08	081219S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	108	79-115	5	0-13	
Carbon Tetrachloride	95	105	55-139	10	0-15	
Chlorobenzene	101	108	79-115	6	0-17	
1,2-Dibromoethane	107	110	70-130	3	0-30	
1,2-Dichlorobenzene	99	108	63-123	9	0-23	
1,1-Dichloroethene	96	103	69-123	6	0-16	
Ethylbenzene	104	111	70-130	7	0-30	
Toluene	102	108	79-115	5	0-15	
Trichloroethene	100	107	66-144	6	0-14	
Vinyl Chloride	89	88	60-126	2	0-14	
Methyl-t-Butyl Ether (MTBE)	107	112	68-128	4	0-14	
Tert-Butyl Alcohol (TBA)	102	113	44-134	10	0-37	
Diisopropyl Ether (DIPE)	107	111	75-123	4	0-12	
Ethyl-t-Butyl Ether (ETBE)	109	113	75-117	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	109	112	79-115	3	0-12	
Ethanol	90	85	42-138	5	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/13/08
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1611-1	Solid	GC/MS PP	12/20/08	12/20/08	081220S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	108	106	79-115	1	0-13	
Carbon Tetrachloride	102	105	55-139	3	0-15	
Chlorobenzene	106	107	79-115	1	0-17	
1,2-Dibromoethane	110	106	70-130	4	0-30	
1,2-Dichlorobenzene	100	104	63-123	4	0-23	
1,1-Dichloroethene	102	103	69-123	1	0-16	
Ethylbenzene	112	111	70-130	0	0-30	
Toluene	109	107	79-115	1	0-15	
Trichloroethene	107	107	66-144	0	0-14	
Vinyl Chloride	86	88	60-126	2	0-14	
Methyl-t-Butyl Ether (MTBE)	111	108	68-128	3	0-14	
Tert-Butyl Alcohol (TBA)	107	97	44-134	11	0-37	
Diisopropyl Ether (DIPE)	111	110	75-123	1	0-12	
Ethyl-t-Butyl Ether (ETBE)	112	111	75-117	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	112	109	79-115	2	0-12	
Ethanol	101	93	42-138	8	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/13/08
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1615-2	Solid	GC/MS PP	12/22/08	12/22/08	081222S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	104	105	79-115	1	0-13	
Carbon Tetrachloride	99	98	55-139	1	0-15	
Chlorobenzene	101	100	79-115	0	0-17	
1,2-Dibromoethane	106	107	70-130	1	0-30	
1,2-Dichlorobenzene	96	103	63-123	7	0-23	
1,1-Dichloroethene	97	97	69-123	1	0-16	
Ethylbenzene	103	100	70-130	3	0-30	
Toluene	104	102	79-115	2	0-15	
Trichloroethene	101	101	66-144	0	0-14	
Vinyl Chloride	83	85	60-126	2	0-14	
Methyl-t-Butyl Ether (MTBE)	112	112	68-128	0	0-14	
Tert-Butyl Alcohol (TBA)	109	117	44-134	8	0-37	
Diisopropyl Ether (DIPE)	110	108	75-123	2	0-12	
Ethyl-t-Butyl Ether (ETBE)	112	110	75-117	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	110	112	79-115	1	0-12	
Ethanol	103	108	42-138	5	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-196	Solid	GC/MS PP	12/17/08	12/17/08	081217L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	97	93	84-114	79-119	4	0-7	
Carbon Tetrachloride	87	88	66-132	55-143	1	0-12	
Chlorobenzene	104	100	87-111	83-115	4	0-7	
1,2-Dibromoethane	103	99	80-120	73-127	4	0-20	
1,2-Dichlorobenzene	106	109	79-115	73-121	3	0-8	
1,1-Dichloroethene	92	91	73-121	65-129	0	0-12	
Ethylbenzene	102	98	80-120	73-127	4	0-20	
Toluene	95	90	78-114	72-120	5	0-7	
Trichloroethene	94	89	84-114	79-119	5	0-8	
Vinyl Chloride	86	86	63-129	52-140	0	0-15	
Methyl-t-Butyl Ether (MTBE)	97	98	77-125	69-133	1	0-11	
Tert-Butyl Alcohol (TBA)	81	86	47-137	32-152	6	0-27	
Diisopropyl Ether (DIPE)	103	102	76-130	67-139	1	0-8	
Ethyl-t-Butyl Ether (ETBE)	98	99	76-124	68-132	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	97	94	82-118	76-124	3	0-11	
Ethanol	78	81	59-131	47-143	3	0-21	
TPPH	83	72	65-135	53-147	15	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-197	Solid	GC/MS PP	12/17/08	12/17/08	081217L02

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	97	93	84-114	79-119	4	0-7	
Carbon Tetrachloride	87	88	66-132	55-143	1	0-12	
Chlorobenzene	104	100	87-111	83-115	4	0-7	
1,2-Dibromoethane	103	99	80-120	73-127	4	0-20	
1,2-Dichlorobenzene	106	109	79-115	73-121	3	0-8	
1,1-Dichloroethene	92	91	73-121	65-129	0	0-12	
Ethylbenzene	102	98	80-120	73-127	4	0-20	
Toluene	95	90	78-114	72-120	5	0-7	
Trichloroethene	94	89	84-114	79-119	5	0-8	
Vinyl Chloride	86	86	63-129	52-140	0	0-15	
Methyl-t-Butyl Ether (MTBE)	97	98	77-125	69-133	1	0-11	
Tert-Butyl Alcohol (TBA)	81	86	47-137	32-152	6	0-27	
Diisopropyl Ether (DIPE)	103	102	76-130	67-139	1	0-8	
Ethyl-t-Butyl Ether (ETBE)	98	99	76-124	68-132	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	97	94	82-118	76-124	3	0-11	
Ethanol	78	81	59-131	47-143	3	0-21	
TPPH	83	72	65-135	53-147	15	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-198	Solid	GC/MS PP	12/18/08	12/18/08	081218L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	106	106	84-114	79-119	0	0-7	
Carbon Tetrachloride	108	111	66-132	55-143	3	0-12	
Chlorobenzene	108	107	87-111	83-115	1	0-7	
1,2-Dibromoethane	109	109	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	111	118	79-115	73-121	6	0-8	ME
1,1-Dichloroethene	105	108	73-121	65-129	3	0-12	
Ethylbenzene	112	112	80-120	73-127	0	0-20	
Toluene	109	107	78-114	72-120	2	0-7	
Trichloroethene	110	109	84-114	79-119	1	0-8	
Vinyl Chloride	93	94	63-129	52-140	2	0-15	
Methyl-t-Butyl Ether (MTBE)	113	112	77-125	69-133	1	0-11	
Tert-Butyl Alcohol (TBA)	119	122	47-137	32-152	3	0-27	
Diisopropyl Ether (DIPE)	114	114	76-130	67-139	0	0-8	
Ethyl-t-Butyl Ether (ETBE)	115	115	76-124	68-132	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	110	110	82-118	76-124	0	0-11	
Ethanol	111	123	59-131	47-143	10	0-21	
TPPH	93	90	65-135	53-147	4	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 1
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-200	Solid	GC/MS PP	12/19/08	12/19/08	081219L02

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	107	102	84-114	79-119	5	0-7	
Carbon Tetrachloride	103	99	66-132	55-143	4	0-12	
Chlorobenzene	109	104	87-111	83-115	4	0-7	
1,2-Dibromoethane	114	104	80-120	73-127	9	0-20	
1,2-Dichlorobenzene	113	109	79-115	73-121	3	0-8	
1,1-Dichloroethene	100	96	73-121	65-129	4	0-12	
Ethylbenzene	113	109	80-120	73-127	4	0-20	
Toluene	108	104	78-114	72-120	4	0-7	
Trichloroethene	110	105	84-114	79-119	4	0-8	
Vinyl Chloride	85	80	63-129	52-140	6	0-15	
Methyl-t-Butyl Ether (MTBE)	111	102	77-125	69-133	8	0-11	
Tert-Butyl Alcohol (TBA)	114	101	47-137	32-152	12	0-27	
Diisopropyl Ether (DIPE)	109	104	76-130	67-139	5	0-8	
Ethyl-t-Butyl Ether (ETBE)	111	106	76-124	68-132	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	113	107	82-118	76-124	6	0-11	
Ethanol	105	93	59-131	47-143	12	0-21	
TPPH	95	92	65-135	53-147	3	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-202	Solid	GC/MS PP	12/20/08	12/20/08	081220L02

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	103	107	84-114	79-119	3	0-7	
Carbon Tetrachloride	96	101	66-132	55-143	5	0-12	
Chlorobenzene	104	107	87-111	83-115	3	0-7	
1,2-Dibromoethane	111	108	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	105	106	79-115	73-121	1	0-8	
1,1-Dichloroethene	94	100	73-121	65-129	6	0-12	
Ethylbenzene	105	110	80-120	73-127	5	0-20	
Toluene	104	107	78-114	72-120	3	0-7	
Trichloroethene	105	109	84-114	79-119	3	0-8	
Vinyl Chloride	81	86	63-129	52-140	6	0-15	
Methyl-t-Butyl Ether (MTBE)	107	102	77-125	69-133	4	0-11	
Tert-Butyl Alcohol (TBA)	101	112	47-137	32-152	10	0-27	
Diisopropyl Ether (DIPE)	107	105	76-130	67-139	1	0-8	
Ethyl-t-Butyl Ether (ETBE)	108	104	76-124	68-132	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	109	104	82-118	76-124	5	0-11	
Ethanol	99	109	59-131	47-143	10	0-21	
TPPH	84	83	65-135	53-147	2	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1479
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-204	Solid	GC/MS PP	12/22/08	12/22/08	081222L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	105	110	84-114	79-119	4	0-7	
Carbon Tetrachloride	105	110	66-132	55-143	5	0-12	
Chlorobenzene	106	110	87-111	83-115	4	0-7	
1,2-Dibromoethane	106	109	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	103	110	79-115	73-121	6	0-8	
1,1-Dichloroethene	105	109	73-121	65-129	4	0-12	
Ethylbenzene	111	116	80-120	73-127	4	0-20	
Toluene	107	110	78-114	72-120	3	0-7	
Trichloroethene	109	113	84-114	79-119	3	0-8	
Vinyl Chloride	88	91	63-129	52-140	3	0-15	
Methyl-t-Butyl Ether (MTBE)	106	106	77-125	69-133	0	0-11	
Tert-Butyl Alcohol (TBA)	115	125	47-137	32-152	8	0-27	
Diisopropyl Ether (DIPE)	105	105	76-130	67-139	0	0-8	
Ethyl-t-Butyl Ether (ETBE)	110	107	76-124	68-132	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	106	106	82-118	76-124	0	0-11	
Ethanol	109	114	59-131	47-143	5	0-21	
TPPH	103	94	65-135	53-147	9	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-12-1479

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (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 associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- [x] CALSCIENCE (_____)
- [ ] SPL (_____)
- [ ] XENCO (_____)
- [ ] TEST AMERICA (_____)
- [ ] OTHER (_____)

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER _____

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 98996067 [ ] CHECK IF NO INCIDENT # APPLIES

DATE: 12/11/08

PAGE: 1 of 2

P.O. #:

SAP #: 136017

SAMPLING COMPANY: Conestoga-Rovers & Associates

LOG CODE: CRAW

SITE ADDRESS: Street and City: 1285 Bancroft Ave. San Leandro

State: CA

GLOBAL ID NO: TO600101224

ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608

EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, CRA, Emeryville

PHONE NO: 510-420-3343

E-MAIL: shelledf@craworld.com

CONSULTANT PROJECT NO: 240504-2008-10

PROJECT CONTACT (Hardcopy or PDF Report to): Peter Schaefer

TELEPHONE: 510-420-3319

FAX: 510-420-9170

E-MAIL: pschaefer@craworld.com

SAMPLER NAME(S) (Print): Erin Reinhart-Koylu

LAB USE ONLY: 08-12-1479

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

cc: Kari Dupler, kdupler@craworld.com

- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [x] RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	Ice	OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPHg (8260B)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH - MO (8015M)	CAM17 Metals - Total (6010)	SVOCs (8270C)	VOCs (8260)	PCBs (8082)			TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
1	MW-1B@ 41' -	12/11/08	9:12	Soil					X		1		X	X	X																	
2	MW-1B@ 48' -		9:37																													
3	MW-1B@ 53' -		9:52																													
4	MW-1B@ 60' -		10:12																													
5	MW-1A@ 5' -		2:21																													
6	MW-1A@ 10' -		2:50																													
7	MW-1A@ 15' -		2:55																													
8	MW-1A@ 20' -		3:10																													
9	MW-1A@ 25' -		3:32																													
10	MW-1A@ 32 -		3:50																													

Relinquished by: (Signature)	Received by: (Signature)	Date: 12/11/08	Time: 7:30pm
Relinquished by: (Signature)	Received by: (Signature) CEL	Date: 12-12-08	Time: 1215
Relinquished by: (Signature) GSO 12-12-08 1230	Received by: (Signature)	Date:	Time:

GSO TK # 5109076635

12/13/08 11:00

05/2/06 Revision

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 8 9 9 6 0 6 7 ☐ CHECK IF NO INCIDENT # APPLIES

DATE: 12/11/08

PO #:

SAP #: 1 3 6 0 1 7

PAGE: 2 of 2

SAMPLING COMPANY: Conestoga-Rovers & Associates	LOG CODE: CRAW	SITE ADDRESS: Street and City: 1285 Bancroft Ave. San Leandro	State: CA
ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608		EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, CRA, Emeryville	PHONE NO: 510-420-3343
PROJECT CONTACT (Hardcopy or PDF Report to): Peter Schaefer		E-MAIL: shelledf@craworld.com	CONSULTANT PROJECT NO: 240504-2008-10
TELEPHONE: 510-420-3319	FAX: 510-420-9170	E-MAIL: pschaefer@craworld.com	
SAMPLER NAME(S) (Print): Erin Reinhart-Koylu			GLOBAL ID NO: TO600101224
			LAB USE ONLY: 08-12-1479

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

cc: Kari Dupler, kdupler@craworld.com

- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	Ice	OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPHg (8260B)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH - MO (8015M)	CAM17 Metals - Total (6010)	SVOCs (8270C)	VOCs (8260)	PCBs (8082)	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
11	MW-1A@35 -	12/11/08	4:20	Soil						X	1		X	X	X															
12	MW-1A@40 -		4:28																											
13	MW-1A@45 -		5:00																											

Relinquished by: (Signature)	Received by: (Signature)	Date: 12/11/08	Time: 7:30pm
Relinquished by: (Signature)	Received by: (Signature)	Date: 12-12-08	Time: 1215
Relinquished by: (Signature) TO 12.12.08 GSO 1730	Received by: (Signature)	Date:	Time:

05/2/06 Revision

GSO TK #5109907635 CEL 12/13/08 11:00

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08-12-1479

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: CRG DATE: 12/13/08

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.8 °C - 0.2 °C (CF) = 2.6 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** JD

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** JD

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** TT

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	☑	☐	☐
COC document(s) received complete.....	☑	☐	☐
Sampler's name indicated on COC.....	☑	☐	☐
Sample container label(s) consistent with COC.....	☑	☐	☐
Sample container(s) intact and good condition.....	☑	☐	☐
Correct containers and volume for analyses requested.....	☑	☐	☐
Analyses received within holding time.....	☑	☐	☐
Proper preservation noted on sample label(s).....	☐	☐	☑
Volatile analysis container(s) free of headspace.....	☐	☐	☑
Tedlar bag(s) free of condensation.....	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBpo_4 ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PBsterile ☐100PBna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Checked/Labeled by: TT

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Reviewed by: AL

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Scanned by: TT

Calscience
Environmental
Laboratories, Inc.

December 23, 2008

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

Subject: **Calscience Work Order No.: 08-12-1611**
Client Reference: 1285 Bancroft Ave., San Leandro, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/16/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of 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.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/08
Work Order No: 08-12-1611
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-3A@5	08-12-1611-1-A	12/12/08 10:56	Solid	GC/MS PP	12/20/08	12/20/08 13:25	081220L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	104	73-139			1,2-Dichloroethane-d4	111	73-145		
Toluene-d8	98	90-108			1,4-Bromofluorobenzene	92	71-113		
Toluene-d8-TPPH	100	88-112							

MW-3A@10	08-12-1611-2-A	12/12/08 11:02	Solid	GC/MS PP	12/22/08	12/22/08 17:34	081222L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	110	73-139			1,2-Dichloroethane-d4	120	73-145		
Toluene-d8	98	90-108			1,4-Bromofluorobenzene	94	71-113		
Toluene-d8-TPPH	99	88-112							

MW-3A@15	08-12-1611-3-A	12/12/08 11:10	Solid	GC/MS PP	12/22/08	12/22/08 17:59	081222L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	110	73-139			1,2-Dichloroethane-d4	120	73-145		
Toluene-d8	99	90-108			1,4-Bromofluorobenzene	94	71-113		
Toluene-d8-TPPH	100	88-112							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/08
Work Order No: 08-12-1611
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-3A@20	08-12-1611-4-A	12/12/08 11:22	Solid	GC/MS PP	12/19/08	12/19/08 13:58	081219L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	106	73-139			1,2-Dichloroethane-d4	116	73-145		
Toluene-d8	99	90-108			1,4-Bromofluorobenzene	93	71-113		
Toluene-d8-TPPH	100	88-112							

MW-3A@25	08-12-1611-5-A	12/12/08 11:26	Solid	GC/MS PP	12/22/08	12/22/08 18:25	081222L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	113	73-139			1,2-Dichloroethane-d4	122	73-145		
Toluene-d8	99	90-108			1,4-Bromofluorobenzene	93	71-113		
Toluene-d8-TPPH	100	88-112							

MW-3A@30	08-12-1611-6-A	12/12/08 11:48	Solid	GC/MS PP	12/22/08	12/22/08 18:50	081222L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	113	73-139			1,2-Dichloroethane-d4	126	73-145		
Toluene-d8	99	90-108			1,4-Bromofluorobenzene	93	71-113		
Toluene-d8-TPPH	100	88-112							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/08
Work Order No: 08-12-1611
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-3A@35	08-12-1611-7-A	12/12/08 12:01	Solid	GC/MS PP	12/20/08	12/21/08 02:27	081220L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	1.6	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	96	73-139		1,2-Dichloroethane-d4	106	73-145	
Toluene-d8	102	90-108		1,4-Bromofluorobenzene	100	71-113	
Toluene-d8-TPPH	103	88-112					

MW-3A@38	08-12-1611-8-A	12/12/08 12:12	Solid	GC/MS PP	12/20/08	12/21/08 02:51	081220L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	100		Tert-Butyl Alcohol (TBA)	ND	5.0	100	
Ethylbenzene	ND	0.50	100		Diisopropyl Ether (DIPE)	ND	1.0	100	
Toluene	ND	0.50	100		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	100	
p/m-Xylene	0.53	0.50	100		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	100	
o-Xylene	ND	0.50	100		TPPH	ND	50	100	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	94	73-139		1,2-Dichloroethane-d4	92	73-145	
Toluene-d8	100	90-108		1,4-Bromofluorobenzene	93	71-113	
Toluene-d8-TPPH	101	88-112					

MW-3A@40	08-12-1611-9-A	12/12/08 12:21	Solid	GC/MS PP	12/20/08	12/21/08 03:16	081220L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	100		Tert-Butyl Alcohol (TBA)	ND	5.0	100	
Ethylbenzene	3.5	0.50	100		Diisopropyl Ether (DIPE)	ND	1.0	100	
Toluene	ND	0.50	100		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	100	
p/m-Xylene	4.9	0.50	100		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	100	
o-Xylene	ND	0.50	100		TPPH	300	50	100	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	87	73-139		1,2-Dichloroethane-d4	84	73-145	
Toluene-d8	98	90-108		1,4-Bromofluorobenzene	95	71-113	
Toluene-d8-TPPH	101	88-112					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/08
Work Order No: 08-12-1611
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-3A@45	**08-12-1611-10-A**	**12/12/08 12:41**	**Solid**	**GC/MS PP**	**12/22/08**	**12/22/08 19:16**	**081222L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	113	73-139			1,2-Dichloroethane-d4	125	73-145		
Toluene-d8	100	90-108			1,4-Bromofluorobenzene	95	71-113		
Toluene-d8-TPPH	102	88-112							

Method Blank	099-12-798-199	N/A	Solid	GC/MS PP	12/19/08	12/19/08 13:06	081219L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	98	73-139			1,2-Dichloroethane-d4	99	73-145		
Toluene-d8	96	90-108			1,4-Bromofluorobenzene	93	71-113		
Toluene-d8-TPPH	98	88-112							

Method Blank	099-12-798-201	N/A	Solid	GC/MS PP	12/20/08	12/20/08 12:35	081220L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	99	73-139			1,2-Dichloroethane-d4	98	73-145		
Toluene-d8	98	90-108			1,4-Bromofluorobenzene	94	71-113		
Toluene-d8-TPPH	100	88-112							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/08
Work Order No: 08-12-1611
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-798-202	N/A	Solid	GC/MS PP	12/20/08	12/21/08 01:12	081220L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	73-139		1,2-Dichloroethane-d4	105	73-145	
Toluene-d8	97	90-108		1,4-Bromofluorobenzene	92	71-113	
Toluene-d8-TPPH	99	88-112					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-798-203	N/A	Solid	GC/MS PP	12/20/08	12/21/08 01:37	081220L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	100		Tert-Butyl Alcohol (TBA)	ND	5.0	100	
Ethylbenzene	ND	0.50	100		Diisopropyl Ether (DIPE)	ND	1.0	100	
Toluene	ND	0.50	100		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	100	
p/m-Xylene	ND	0.50	100		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	100	
o-Xylene	ND	0.50	100		TPPH	ND	50	100	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	73-139		1,2-Dichloroethane-d4	101	73-145	
Toluene-d8	98	90-108		1,4-Bromofluorobenzene	91	71-113	
Toluene-d8-TPPH	99	88-112					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-798-204	N/A	Solid	GC/MS PP	12/22/08	12/22/08 12:54	081222L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	73-139		1,2-Dichloroethane-d4	101	73-145	
Toluene-d8	96	90-108		1,4-Bromofluorobenzene	93	71-113	
Toluene-d8-TPPH	97	88-112					

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/16/08
Work Order No: 08-12-1611
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-3A@20	Solid	GC/MS PP	12/19/08	12/19/08	081219S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	108	79-115	5	0-13	
Carbon Tetrachloride	95	105	55-139	10	0-15	
Chlorobenzene	101	108	79-115	6	0-17	
1,2-Dibromoethane	107	110	70-130	3	0-30	
1,2-Dichlorobenzene	99	108	63-123	9	0-23	
1,1-Dichloroethene	96	103	69-123	6	0-16	
Ethylbenzene	104	111	70-130	7	0-30	
Toluene	102	108	79-115	5	0-15	
Trichloroethene	100	107	66-144	6	0-14	
Vinyl Chloride	89	88	60-126	2	0-14	
Methyl-t-Butyl Ether (MTBE)	107	112	68-128	4	0-14	
Tert-Butyl Alcohol (TBA)	102	113	44-134	10	0-37	
Diisopropyl Ether (DIPE)	107	111	75-123	4	0-12	
Ethyl-t-Butyl Ether (ETBE)	109	113	75-117	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	109	112	79-115	3	0-12	
Ethanol	90	85	42-138	5	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/16/08
Work Order No: 08-12-1611
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-3A@5	Solid	GC/MS PP	12/20/08	12/20/08	081220S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	108	106	79-115	1	0-13	
Carbon Tetrachloride	102	105	55-139	3	0-15	
Chlorobenzene	106	107	79-115	1	0-17	
1,2-Dibromoethane	110	106	70-130	4	0-30	
1,2-Dichlorobenzene	100	104	63-123	4	0-23	
1,1-Dichloroethene	102	103	69-123	1	0-16	
Ethylbenzene	112	111	70-130	0	0-30	
Toluene	109	107	79-115	1	0-15	
Trichloroethene	107	107	66-144	0	0-14	
Vinyl Chloride	86	88	60-126	2	0-14	
Methyl-t-Butyl Ether (MTBE)	111	108	68-128	3	0-14	
Tert-Butyl Alcohol (TBA)	107	97	44-134	11	0-37	
Diisopropyl Ether (DIPE)	111	110	75-123	1	0-12	
Ethyl-t-Butyl Ether (ETBE)	112	111	75-117	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	112	109	79-115	2	0-12	
Ethanol	101	93	42-138	8	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/16/08
Work Order No: 08-12-1611
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1615-2	Solid	GC/MS PP	12/22/08	12/22/08	081222S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	104	105	79-115	1	0-13	
Carbon Tetrachloride	99	98	55-139	1	0-15	
Chlorobenzene	101	100	79-115	0	0-17	
1,2-Dibromoethane	106	107	70-130	1	0-30	
1,2-Dichlorobenzene	96	103	63-123	7	0-23	
1,1-Dichloroethene	97	97	69-123	1	0-16	
Ethylbenzene	103	100	70-130	3	0-30	
Toluene	104	102	79-115	2	0-15	
Trichloroethene	101	101	66-144	0	0-14	
Vinyl Chloride	83	85	60-126	2	0-14	
Methyl-t-Butyl Ether (MTBE)	112	112	68-128	0	0-14	
Tert-Butyl Alcohol (TBA)	109	117	44-134	8	0-37	
Diisopropyl Ether (DIPE)	110	108	75-123	2	0-12	
Ethyl-t-Butyl Ether (ETBE)	112	110	75-117	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	110	112	79-115	1	0-12	
Ethanol	103	108	42-138	5	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1611
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-199	Solid	GC/MS PP	12/19/08	12/19/08	081219L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	107	102	84-114	79-119	5	0-7	
Carbon Tetrachloride	103	99	66-132	55-143	4	0-12	
Chlorobenzene	109	104	87-111	83-115	4	0-7	
1,2-Dibromoethane	114	104	80-120	73-127	9	0-20	
1,2-Dichlorobenzene	113	109	79-115	73-121	3	0-8	
1,1-Dichloroethene	100	96	73-121	65-129	4	0-12	
Ethylbenzene	113	109	80-120	73-127	4	0-20	
Toluene	108	104	78-114	72-120	4	0-7	
Trichloroethene	110	105	84-114	79-119	4	0-8	
Vinyl Chloride	85	80	63-129	52-140	6	0-15	
Methyl-t-Butyl Ether (MTBE)	111	102	77-125	69-133	8	0-11	
Tert-Butyl Alcohol (TBA)	114	101	47-137	32-152	12	0-27	
Diisopropyl Ether (DIPE)	109	104	76-130	67-139	5	0-8	
Ethyl-t-Butyl Ether (ETBE)	111	106	76-124	68-132	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	113	107	82-118	76-124	6	0-11	
Ethanol	105	93	59-131	47-143	12	0-21	
TPPH	95	92	65-135	53-147	3	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1611
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-201	Solid	GC/MS PP	12/20/08	12/20/08	081220L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	103	103	84-114	79-119	0	0-7	
Carbon Tetrachloride	101	97	66-132	55-143	4	0-12	
Chlorobenzene	104	105	87-111	83-115	0	0-7	
1,2-Dibromoethane	108	107	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	104	110	79-115	73-121	5	0-8	
1,1-Dichloroethene	99	96	73-121	65-129	3	0-12	
Ethylbenzene	109	108	80-120	73-127	0	0-20	
Toluene	106	105	78-114	72-120	1	0-7	
Trichloroethene	106	106	84-114	79-119	0	0-8	
Vinyl Chloride	84	81	63-129	52-140	3	0-15	
Methyl-t-Butyl Ether (MTBE)	111	107	77-125	69-133	4	0-11	
Tert-Butyl Alcohol (TBA)	102	101	47-137	32-152	2	0-27	
Diisopropyl Ether (DIPE)	107	105	76-130	67-139	3	0-8	
Ethyl-t-Butyl Ether (ETBE)	111	109	76-124	68-132	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	112	110	82-118	76-124	1	0-11	
Ethanol	94	94	59-131	47-143	0	0-21	
TPPH	89	87	65-135	53-147	1	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1611
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-202	Solid	GC/MS PP	12/20/08	12/20/08	081220L02

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	103	107	84-114	79-119	3	0-7	
Carbon Tetrachloride	96	101	66-132	55-143	5	0-12	
Chlorobenzene	104	107	87-111	83-115	3	0-7	
1,2-Dibromoethane	111	108	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	105	106	79-115	73-121	1	0-8	
1,1-Dichloroethene	94	100	73-121	65-129	6	0-12	
Ethylbenzene	105	110	80-120	73-127	5	0-20	
Toluene	104	107	78-114	72-120	3	0-7	
Trichloroethene	105	109	84-114	79-119	3	0-8	
Vinyl Chloride	81	86	63-129	52-140	6	0-15	
Methyl-t-Butyl Ether (MTBE)	107	102	77-125	69-133	4	0-11	
Tert-Butyl Alcohol (TBA)	101	112	47-137	32-152	10	0-27	
Diisopropyl Ether (DIPE)	107	105	76-130	67-139	1	0-8	
Ethyl-t-Butyl Ether (ETBE)	108	104	76-124	68-132	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	109	104	82-118	76-124	5	0-11	
Ethanol	99	109	59-131	47-143	10	0-21	
TPPH	84	83	65-135	53-147	2	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Conestoga-Rovers & Associates	Date Received: N/A
5900 Hollis Street, Suite A	Work Order No: 08-12-1611
Emeryville, CA 94608-2008	Preparation: EPA 5030B
	Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-203	Solid	GC/MS PP	12/20/08	12/20/08	081220L03

Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	103	107	84-114	79-119	3	0-7	
Carbon Tetrachloride	96	101	66-132	55-143	5	0-12	
Chlorobenzene	104	107	87-111	83-115	3	0-7	
1,2-Dibromoethane	111	108	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	105	106	79-115	73-121	1	0-8	
1,1-Dichloroethene	94	100	73-121	65-129	6	0-12	
Ethylbenzene	105	110	80-120	73-127	5	0-20	
Toluene	104	107	78-114	72-120	3	0-7	
Trichloroethene	105	109	84-114	79-119	3	0-8	
Vinyl Chloride	81	86	63-129	52-140	6	0-15	
Methyl-t-Butyl Ether (MTBE)	107	102	77-125	69-133	4	0-11	
Tert-Butyl Alcohol (TBA)	101	112	47-137	32-152	10	0-27	
Diisopropyl Ether (DIPE)	107	105	76-130	67-139	1	0-8	
Ethyl-t-Butyl Ether (ETBE)	108	104	76-124	68-132	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	109	104	82-118	76-124	5	0-11	
Ethanol	99	109	59-131	47-143	10	0-21	
TPPH	84	83	65-135	53-147	2	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Conestoga-Rovers & Associates	Date Received: N/A
5900 Hollis Street, Suite A	Work Order No: 08-12-1611
Emeryville, CA 94608-2008	Preparation: EPA 5030B
	Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-204	Solid	GC/MS PP	12/22/08	12/22/08	081222L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	105	110	84-114	79-119	4	0-7	
Carbon Tetrachloride	105	110	66-132	55-143	5	0-12	
Chlorobenzene	106	110	87-111	83-115	4	0-7	
1,2-Dibromoethane	106	109	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	103	110	79-115	73-121	6	0-8	
1,1-Dichloroethene	105	109	73-121	65-129	4	0-12	
Ethylbenzene	111	116	80-120	73-127	4	0-20	
Toluene	107	110	78-114	72-120	3	0-7	
Trichloroethene	109	113	84-114	79-119	3	0-8	
Vinyl Chloride	88	91	63-129	52-140	3	0-15	
Methyl-t-Butyl Ether (MTBE)	106	106	77-125	69-133	0	0-11	
Tert-Butyl Alcohol (TBA)	115	125	47-137	32-152	8	0-27	
Diisopropyl Ether (DIPE)	105	105	76-130	67-139	0	0-8	
Ethyl-t-Butyl Ether (ETBE)	110	107	76-124	68-132	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	106	106	82-118	76-124	0	0-11	
Ethanol	109	114	59-131	47-143	5	0-21	
TPPH	103	94	65-135	53-147	9	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-12-1611

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (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 associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

LAB (LOCATION)

- ☑ CALSCIENCE ( )
- ☐ SPL ( )
- ☐ XENCO ( )
- ☐ TEST AMERICA ( )
- ☐ OTHER ( )

Shell Oil Products Chain Of Custody Record

Please Check Appropriate Box:

- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 8 9 9 6 0 6 7

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 12/12/08

PAGE: 1 of 1

PO #:

SAP #: 1 3 6 0 1 7

SAMPLING COMPANY	Conestoga-Rovers & Associates
LOG CODE	CRAW
ADDRESS	5900 Hollis Street, Suite A, Emeryville, CA 94608
PROJECT CONTACT (Hardcopy or PDF Report to)	Peter Schaefer
TELEPHONE	510-420-3319
FAX	510-420-9170
E-MAIL	pschaefer@craworld.com
SITE ADDRESS: Street and City	1285 Bancroft Ave. San Leandro
State	CA
GLOBAL ID NO.	TO600101224
EDF DELIVERABLE TO (Name, Company, Office Location)	Brenda Carter, CRA, Emeryville
PHONE NO	510-420-3343
E-MAIL	shelledf@craworld.com
CONSULTANT PROJECT NO	240504-2008-10
SAMPLER NAME(S) (Print)	Erin Reinhart-Koylu
LAB USE ONLY	08-12-1611

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

cc: Kari Dupler, kdupler@craworld.com

- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	HCL	HNO3	H2SO4	NONE	Ice OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPHg (8260B)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH - MO (8015M)	CAM17 Metals - Total (6010)	SVOCs (8270C)	VOCs (8260)	PCBs (8082)	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
1	MW-3A @ 5	12/12/08	10:56	Soil					X	1		X	X	X															
2	MW-3A @ 10	↓	11:02	↓					↓	↓		↓	↓	↓															
3	MW-3A @ 15	↓	11:10	↓					↓	↓		↓	↓	↓															
4	MW-3A @ 20	↓	11:22	↓					↓	↓		↓	↓	↓															
5	MW-3A @ 25	↓	11:36	↓					↓	↓		↓	↓	↓															
6	MW-3A @ 30	↓	11:48	↓					↓	↓		↓	↓	↓															
7	MW-3A @ 35	↓	12:01	↓					↓	↓		↓	↓	↓															
8	MW-3A @ 38	↓	12:12	↓					↓	↓		↓	↓	↓															
9	MW-3A @ 40	↓	12:21	↓					↓	↓		↓	↓	↓															
10	MW-3A @ 45	↓	12:41	↓					↓	↓		↓	↓	↓															

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
E. Reinhart	Secure location	12/12/08	9:00pm
[signature]	Tom O'Malley CEL	12/15/08	1115
Tom O'Malley TO GSO 12/15/08 1730	[signature] CEL	12/16/08	1000

850510915082

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08-12-1611

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: CVA

DATE: 12 / 16 / 08

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 4.3 °C - 0.2 °C (CF) = 4.1 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only Initial: WB

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Initial: WB

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: AD

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☐	☐	☑
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp_{O_4} ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PBsterile ☐100PBna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH p_{O_4}:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Checked/Labeled by: AD

Reviewed by: YL

Scanned by: AD

Calscience
Environmental
Laboratories, Inc.

December 29, 2008

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

Subject: **Calscience Work Order No.:** **08-12-1612**
Client Reference: **1285 Bancroft Ave., San Leandro, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/16/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of 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.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received:	12/16/08
5900 Hollis Street, Suite A	Work Order No:	08-12-1612
Emeryville, CA 94608-2008	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B
	Units:	mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-2A-5	08-12-1612-1-A	12/13/08 08:32	Solid	GC/MS PP	12/23/08	12/23/08 18:21	081223L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	97	73-139			1,2-Dichloroethane-d4	98	73-145		
Toluene-d8	99	90-108			1,4-Bromofluorobenzene	96	71-113		
Toluene-d8-TPPH	101	88-112							

MW-2A-10	08-12-1612-2-A	12/13/08 08:37	Solid	GC/MS PP	12/23/08	12/23/08 18:46	081223L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	96	73-139			1,2-Dichloroethane-d4	96	73-145		
Toluene-d8	97	90-108			1,4-Bromofluorobenzene	95	71-113		
Toluene-d8-TPPH	99	88-112							

MW-2A-15	08-12-1612-3-A	12/13/08 08:44	Solid	GC/MS PP	12/23/08	12/23/08 14:04	081223L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	106	73-139			1,2-Dichloroethane-d4	115	73-145		
Toluene-d8	99	90-108			1,4-Bromofluorobenzene	91	71-113		
Toluene-d8-TPPH	100	88-112							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/08
Work Order No: 08-12-1612
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-2A-20	08-12-1612-4-A	12/13/08 08:49	Solid	GC/MS PP	12/23/08	12/23/08 19:12	081223L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	73-139		1,2-Dichloroethane-d4	99	73-145	
Toluene-d8	98	90-108		1,4-Bromofluorobenzene	96	71-113	
Toluene-d8-TPPH	99	88-112					

MW-2A-25	08-12-1612-5-A	12/13/08 08:56	Solid	GC/MS PP	12/23/08	12/23/08 19:38	081223L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	0.0080	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	73-139		1,2-Dichloroethane-d4	103	73-145	
Toluene-d8	98	90-108		1,4-Bromofluorobenzene	98	71-113	
Toluene-d8-TPPH	100	88-112					

MW-2A-30	08-12-1612-6-A	12/13/08 09:05	Solid	GC/MS PP	12/23/08	12/23/08 20:03	081223L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	0.014	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	73-139		1,2-Dichloroethane-d4	105	73-145	
Toluene-d8	99	90-108		1,4-Bromofluorobenzene	100	71-113	
Toluene-d8-TPPH	101	88-112					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/08
Work Order No: 08-12-1612
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-2A-35	08-12-1612-7-A	12/13/08 09:20	Solid	GC/MS PP	12/23/08	12/23/08 17:30	081223L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	0.053	0.050	1	
Ethylbenzene	0.013	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	0.0093	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	6.0	0.50	1	E
Methyl-t-Butyl Ether (MTBE)	0.070	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	94	73-139		1,2-Dichloroethane-d4	97	73-145	
Toluene-d8	101	90-108		1,4-Bromofluorobenzene	101	71-113	
Toluene-d8-TPPH	103	88-112					

MW-2A-35	08-12-1612-7-A	12/13/08 09:20	Solid	GC/MS PP	12/24/08	12/24/08 15:10	081224L02

Parameter	Result	RL	DF	Qual
TPPH	ND	50	100	

Surrogates:	REC (%)	Control Limits	Qual
Toluene-d8-TPPH	102	88-112	

MW-2A-40	08-12-1612-8-A	12/13/08 09:32	Solid	GC/MS PP	12/24/08	12/24/08 15:36	081224L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	0.024	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	0.0066	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	8.8	0.50	1	E
Methyl-t-Butyl Ether (MTBE)	0.017	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	109	73-139		1,2-Dichloroethane-d4	115	73-145	
Toluene-d8	103	90-108		1,4-Bromofluorobenzene	105	71-113	
Toluene-d8-TPPH	106	88-112					

MW-2A-40	08-12-1612-8-A	12/13/08 09:32	Solid	GC/MS PP	12/24/08	12/24/08 16:01	081224L02

Parameter	Result	RL	DF	Qual
TPPH	68	50	100	

Surrogates:	REC (%)	Control Limits	Qual
Toluene-d8-TPPH	102	88-112	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/08
Work Order No: 08-12-1612
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-2A-43	08-12-1612-9-A	12/13/08 09:43	Solid	GC/MS PP	12/23/08	12/23/08 16:38	081223L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	1.0	200		Tert-Butyl Alcohol (TBA)	ND	10	200	
Ethylbenzene	2.1	1.0	200		Diisopropyl Ether (DIPE)	ND	2.0	200	
Toluene	ND	1.0	200		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	200	
p/m-Xylene	2.2	1.0	200		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	200	
o-Xylene	ND	1.0	200		TPPH	540	100	200	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	200						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	93	73-139		1,2-Dichloroethane-d4	94	73-145	
Toluene-d8	103	90-108		1,4-Bromofluorobenzene	98	71-113	
Toluene-d8-TPPH	104	88-112					

MW-2A-46	08-12-1612-10-A	12/13/08 09:50	Solid	GC/MS PP	12/23/08	12/23/08 17:04	081223L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	100		Tert-Butyl Alcohol (TBA)	ND	5.0	100	
Ethylbenzene	ND	0.50	100		Diisopropyl Ether (DIPE)	ND	1.0	100	
Toluene	ND	0.50	100		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	100	
p/m-Xylene	ND	0.50	100		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	100	
o-Xylene	ND	0.50	100		TPPH	270	50	100	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	93	73-139		1,2-Dichloroethane-d4	94	73-145	
Toluene-d8	102	90-108		1,4-Bromofluorobenzene	101	71-113	
Toluene-d8-TPPH	104	88-112					

Method Blank	099-12-798-207	N/A	Solid	GC/MS PP	12/23/08	12/23/08 13:39	081223L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	100		Tert-Butyl Alcohol (TBA)	ND	5.0	100	
Ethylbenzene	ND	0.50	100		Diisopropyl Ether (DIPE)	ND	1.0	100	
Toluene	ND	0.50	100		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	100	
p/m-Xylene	ND	0.50	100		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	100	
o-Xylene	ND	0.50	100		TPPH	ND	50	100	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	73-139		1,2-Dichloroethane-d4	104	73-145	
Toluene-d8	98	90-108		1,4-Bromofluorobenzene	94	71-113	
Toluene-d8-TPPH	99	88-112					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/08
Work Order No: 08-12-1612
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-798-208	N/A	Solid	GC/MS PP	12/23/08	12/23/08 13:13	081223L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	73-139		1,2-Dichloroethane-d4	104	73-145	
Toluene-d8	98	90-108		1,4-Bromofluorobenzene	92	71-113	
Toluene-d8-TPPH	100	88-112					

Method Blank	099-12-798-210	N/A	Solid	GC/MS PP	12/24/08	12/24/08 12:37	081224L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1		TPPH	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	73-139		1,2-Dichloroethane-d4	106	73-145	
Toluene-d8	98	90-108		1,4-Bromofluorobenzene	93	71-113	
Toluene-d8-TPPH	100	88-112					

Method Blank	099-12-798-211	N/A	Solid	GC/MS PP	12/24/08	12/24/08 13:02	081224L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	100		Tert-Butyl Alcohol (TBA)	ND	5.0	100	
Ethylbenzene	ND	0.50	100		Diisopropyl Ether (DIPE)	ND	1.0	100	
Toluene	ND	0.50	100		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	100	
p/m-Xylene	ND	0.50	100		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	100	
o-Xylene	ND	0.50	100		TPPH	ND	50	100	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	73-139		1,2-Dichloroethane-d4	108	73-145	
Toluene-d8	98	90-108		1,4-Bromofluorobenzene	96	71-113	
Toluene-d8-TPPH	100	88-112					

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/16/08
Work Order No: 08-12-1612
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-2A-15	Solid	GC/MS PP	12/23/08	12/23/08	081223S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	89	100	79-115	12	0-13	
Carbon Tetrachloride	86	97	55-139	12	0-15	
Chlorobenzene	84	99	79-115	16	0-17	
1,2-Dibromoethane	89	102	70-130	14	0-30	
1,2-Dichlorobenzene	76	99	63-123	26	0-23	4
1,1-Dichloroethene	86	95	69-123	9	0-16	
Ethylbenzene	87	101	70-130	16	0-30	
Toluene	88	101	79-115	13	0-15	
Trichloroethene	88	100	66-144	12	0-14	
Vinyl Chloride	72	82	60-126	13	0-14	
Methyl-t-Butyl Ether (MTBE)	92	106	68-128	13	0-14	
Tert-Butyl Alcohol (TBA)	91	99	44-134	9	0-37	
Diisopropyl Ether (DIPE)	92	107	75-123	15	0-12	4
Ethyl-t-Butyl Ether (ETBE)	92	108	75-117	16	0-12	4
Tert-Amyl-Methyl Ether (TAME)	92	105	79-115	13	0-12	4
Ethanol	83	94	42-138	12	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/16/08
Work Order No: 08-12-1612
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1851-5	Solid	GC/MS PP	12/24/08	12/24/08	081224S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	104	79-115	3	0-13	
Carbon Tetrachloride	99	106	55-139	6	0-15	
Chlorobenzene	99	104	79-115	4	0-17	
1,2-Dibromoethane	101	104	70-130	3	0-30	
1,2-Dichlorobenzene	93	104	63-123	11	0-23	
1,1-Dichloroethene	99	104	69-123	5	0-16	
Ethylbenzene	102	106	70-130	4	0-30	
Toluene	102	106	79-115	3	0-15	
Trichloroethene	104	106	66-144	2	0-14	
Vinyl Chloride	83	89	60-126	8	0-14	
Methyl-t-Butyl Ether (MTBE)	106	113	68-128	7	0-14	
Tert-Butyl Alcohol (TBA)	98	107	44-134	9	0-37	
Diisopropyl Ether (DIPE)	108	114	75-123	5	0-12	
Ethyl-t-Butyl Ether (ETBE)	109	116	75-117	6	0-12	
Tert-Amyl-Methyl Ether (TAME)	106	110	79-115	4	0-12	
Ethanol	91	95	42-138	4	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1612
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-208	Solid	GC/MS PP	12/23/08	12/23/08	081223L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	110	110	84-114	79-119	0	0-7	
Carbon Tetrachloride	108	112	66-132	55-143	3	0-12	
Chlorobenzene	110	111	87-111	83-115	1	0-7	
1,2-Dibromoethane	111	111	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	112	113	79-115	73-121	1	0-8	
1,1-Dichloroethene	107	110	73-121	65-129	2	0-12	
Ethylbenzene	116	117	80-120	73-127	1	0-20	
Toluene	111	113	78-114	72-120	1	0-7	
Trichloroethene	112	114	84-114	79-119	2	0-8	
Vinyl Chloride	89	92	63-129	52-140	3	0-15	
Methyl-t-Butyl Ether (MTBE)	108	107	77-125	69-133	1	0-11	
Tert-Butyl Alcohol (TBA)	119	123	47-137	32-152	4	0-27	
Diisopropyl Ether (DIPE)	109	109	76-130	67-139	1	0-8	
Ethyl-t-Butyl Ether (ETBE)	109	110	76-124	68-132	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	109	109	82-118	76-124	1	0-11	
Ethanol	116	117	59-131	47-143	1	0-21	
TPPH	93	93	65-135	53-147	0	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1612
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-207	Solid	GC/MS PP	12/23/08	12/23/08	081223L02

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	110	110	84-114	79-119	0	0-7	
Carbon Tetrachloride	108	112	66-132	55-143	3	0-12	
Chlorobenzene	110	111	87-111	83-115	1	0-7	
1,2-Dibromoethane	111	111	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	112	113	79-115	73-121	1	0-8	
1,1-Dichloroethene	107	110	73-121	65-129	2	0-12	
Ethylbenzene	116	117	80-120	73-127	1	0-20	
Toluene	111	113	78-114	72-120	1	0-7	
Trichloroethene	112	114	84-114	79-119	2	0-8	
Vinyl Chloride	89	92	63-129	52-140	3	0-15	
Methyl-t-Butyl Ether (MTBE)	108	107	77-125	69-133	1	0-11	
Tert-Butyl Alcohol (TBA)	119	123	47-137	32-152	4	0-27	
Diisopropyl Ether (DIPE)	109	109	76-130	67-139	1	0-8	
Ethyl-t-Butyl Ether (ETBE)	109	110	76-124	68-132	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	109	109	82-118	76-124	1	0-11	
Ethanol	116	117	59-131	47-143	1	0-21	
TPPH	93	93	65-135	53-147	0	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1612
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-210	Solid	GC/MS PP	12/24/08	12/24/08	081224L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	104	101	84-114	79-119	3	0-7	
Carbon Tetrachloride	106	100	66-132	55-143	6	0-12	
Chlorobenzene	103	101	87-111	83-115	2	0-7	
1,2-Dibromoethane	102	102	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	100	102	79-115	73-121	2	0-8	
1,1-Dichloroethene	105	99	73-121	65-129	7	0-12	
Ethylbenzene	109	105	80-120	73-127	4	0-20	
Toluene	106	103	78-114	72-120	3	0-7	
Trichloroethene	107	103	84-114	79-119	4	0-8	
Vinyl Chloride	93	86	63-129	52-140	8	0-15	
Methyl-t-Butyl Ether (MTBE)	101	103	77-125	69-133	2	0-11	
Tert-Butyl Alcohol (TBA)	114	114	47-137	32-152	0	0-27	
Diisopropyl Ether (DIPE)	103	103	76-130	67-139	1	0-8	
Ethyl-t-Butyl Ether (ETBE)	101	103	76-124	68-132	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	101	104	82-118	76-124	3	0-11	
Ethanol	106	110	59-131	47-143	4	0-21	
TPPH	96	91	65-135	53-147	5	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1612
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-211	Solid	GC/MS PP	12/24/08	12/24/08	081224L02

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	104	101	84-114	79-119	3	0-7	
Carbon Tetrachloride	106	100	66-132	55-143	6	0-12	
Chlorobenzene	103	101	87-111	83-115	2	0-7	
1,2-Dibromoethane	102	102	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	100	102	79-115	73-121	2	0-8	
1,1-Dichloroethene	105	99	73-121	65-129	7	0-12	
Ethylbenzene	109	105	80-120	73-127	4	0-20	
Toluene	106	103	78-114	72-120	3	0-7	
Trichloroethene	107	103	84-114	79-119	4	0-8	
Vinyl Chloride	93	86	63-129	52-140	8	0-15	
Methyl-t-Butyl Ether (MTBE)	101	103	77-125	69-133	2	0-11	
Tert-Butyl Alcohol (TBA)	114	114	47-137	32-152	0	0-27	
Diisopropyl Ether (DIPE)	103	103	76-130	67-139	1	0-8	
Ethyl-t-Butyl Ether (ETBE)	101	103	76-124	68-132	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	101	104	82-118	76-124	3	0-11	
Ethanol	106	110	59-131	47-143	4	0-21	
TPPH	96	91	65-135	53-147	5	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-12-1612

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (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 associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- [x] CALSCIENCE (_____)
- [ ] SPL (_____)
- [ ] XENCO (_____)
- [ ] TEST AMERICA (_____)
- [ ] OTHER (_____)

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER _____

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 98996067 [ ] CHECK IF NO INCIDENT # APPLIES

DATE: _____

PO # _____

SAP # 136017

PAGE: 1 of 1

SAMPLING COMPANY: Conestoga-Rovers & Associates

LOG CODE: CRAW

ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608

PROJECT CONTACT (Hardcopy or PDF Report to): Peter Schaefer

TELEPHONE: 510-420-3319 FAX: 510-420-9170 E-MAIL: pschaefer@craworld.com

SITE ADDRESS: Street and City: 1285 Bancroft Ave. San Leandro

State: CA

GLOBAL ID NO: TO600101224

EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, CRA, Emeryville

PHONE NO: 510-420-3343

E-MAIL: shelledf@craworld.com

CONSULTANT PROJECT NO: 240504-2008-10

SAMPLER NAME(S) (Print): Erin Reinhart-Koylu / PETER SCHAEFER

LAB USE ONLY: 08-12-1612

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

cc: Kari Dupler, kdupler@craworld.com

- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [x] RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	Ice	OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPHg (8260B)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH - MO (8015M)	CAM17 Metals - Total (6010)	SVOCs (8270C)	VOCs (8260)	PCBs (8082)	Container PID Readings or Laboratory Notes
1	MW-2A-5	12/13/08	0832	Soil						X	1		X	X	X															
2	MW-2A-10		0837																											
3	MW-2A-15		0844																											
4	MW-2A-20		0849																											
5	MW-2A-25		0856																											
6	MW-2A-30		0905																											
7	MW-2A-35		0920																											
8	MW-2A-40		0932																											
9	MW-2A-43		0943																											
10	MW-2A-46		0950																											

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	RELEASED TO SECURE LOCATION	0730	12/15/08
		12/15/08	1115
Tom O'Malley TO 650 12/15/08 1730		12/16/08	1000

650510918082

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08-12-1612

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: CRA

DATE: 12 / 16 / 08

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 4.3 °C - 0.2 °C (CF) = 4.1 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** WB

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** WB

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** AD

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	☑	☐	☐
COC document(s) received complete.....	☑	☐	☐
Sampler's name indicated on COC.....	☑	☐	☐
Sample container label(s) consistent with COC.....	☑	☐	☐
Sample container(s) intact and good condition.....	☑	☐	☐
Correct containers and volume for analyses requested.....	☑	☐	☐
Analyses received within holding time.....	☑	☐	☐
Proper preservation noted on COC or sample container.....	☐	☐	☑
Volatile analysis container(s) free of headspace.....	☐	☐	☑
Tedlar bag(s) free of condensation.....	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp_{O_4} ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PBsterile ☐100PBna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH p_{O_4}:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Checked/Labeled by: AD

Reviewed by: KN

Scanned by: AD

Calscience
Environmental
Laboratories, Inc.

December 29, 2008

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

Subject: **Calscience Work Order No.:** **08-12-1610**
Client Reference: **1285 Bancroft Ave., San Leandro, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/16/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of 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.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/08
Work Order No: 08-12-1610
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-C	08-12-1610-13-A	12/11/08 00:00	Solid	ICP 5300	12/19/08	12/20/08 23:00	081219L02

Comment(s): -Mercury was analyzed on 12/22/2008 2:22:14 PM with batch 081219L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	5.72	0.750	1		Molybdenum	ND	0.250	1	
Barium	144	0.500	1		Nickel	50.7	0.250	1	
Beryllium	0.519	0.250	1		Selenium	ND	0.750	1	
Cadmium	0.540	0.500	1		Silver	ND	0.250	1	
Chromium	39.6	0.250	1		Thallium	ND	0.750	1	
Cobalt	9.93	0.250	1		Vanadium	32.1	0.250	1	
Copper	19.1	0.500	1		Zinc	44.2	1.00	1	
Lead	6.88	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-D	08-12-1610-14-A	12/12/08 00:00	Solid	ICP 5300	12/19/08	12/20/08 23:03	081219L02

Comment(s): -Mercury was analyzed on 12/22/2008 2:24:30 PM with batch 081219L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	6.59	0.750	1		Molybdenum	ND	0.250	1	
Barium	300	0.500	1		Nickel	56.6	0.250	1	
Beryllium	0.580	0.250	1		Selenium	ND	0.750	1	
Cadmium	0.624	0.500	1		Silver	ND	0.250	1	
Chromium	43.8	0.250	1		Thallium	ND	0.750	1	
Cobalt	11.1	0.250	1		Vanadium	36.6	0.250	1	
Copper	22.3	0.500	1		Zinc	50.1	1.00	1	
Lead	7.83	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-E	08-12-1610-15-A	12/12/08 10:25	Solid	ICP 5300	12/19/08	12/20/08 23:05	081219L02

Comment(s): -Mercury was analyzed on 12/22/2008 2:26:43 PM with batch 081219L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	5.97	0.750	1		Molybdenum	ND	0.250	1	
Barium	342	0.500	1		Nickel	56.3	0.250	1	
Beryllium	0.531	0.250	1		Selenium	ND	0.750	1	
Cadmium	0.602	0.500	1		Silver	ND	0.250	1	
Chromium	43.7	0.250	1		Thallium	ND	0.750	1	
Cobalt	10.7	0.250	1		Vanadium	33.8	0.250	1	
Copper	21.8	0.500	1		Zinc	48.2	1.00	1	
Lead	7.55	0.500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received: 12/16/08
5900 Hollis Street, Suite A	Work Order No: 08-12-1610
Emeryville, CA 94608-2008	Preparation: EPA 3050B / EPA 7471A Total
	Method: EPA 6010B / EPA 7471A
	Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-04-007-6,001	N/A	Solid	Mercury	12/19/08	12/19/08 18:21	081219L04

Parameter	Result	RL	DF	Qual
Mercury	ND	0.0835	1	

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	097-01-002-11,858	N/A	Solid	ICP 5300	12/19/08	12/20/08 01:25	081219L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Lead	ND	0.500	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	ND	0.500	1		Nickel	ND	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	ND	0.250	1		Thallium	ND	0.750	1	
Cobalt	ND	0.250	1		Vanadium	ND	0.250	1	
Copper	ND	0.500	1		Zinc	ND	1.00	1	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/08
Work Order No: 08-12-1610
Preparation: EPA 3550B
Method: EPA 8015B

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-C	08-12-1610-13-A	12/11/08 00:00	Solid	GC 46	12/18/08	12/18/08 23:07	081218B03

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	41	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	113	61-145	

CRA-D	08-12-1610-14-A	12/12/08 00:00	Solid	GC 46	12/18/08	12/18/08 23:22	081218B03

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	101	61-145	

CRA-E	08-12-1610-15-A	12/12/08 10:25	Solid	GC 46	12/18/08	12/18/08 23:37	081218B03

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	106	61-145	

Method Blank	099-12-025-570	N/A	Solid	GC 46	12/18/08	12/18/08 20:48	081218B03

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	111	61-145	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/08
Work Order No: 08-12-1610
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-C	08-12-1610-13-A	12/11/08 00:00	Solid	GC 46	12/18/08	12/18/08 23:07	081218B04

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	52	25	1		mg/kg
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
Decachlorobiphenyl	113	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-D	08-12-1610-14-A	12/12/08 00:00	Solid	GC 46	12/18/08	12/18/08 23:22	081218B04

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	25	1		mg/kg
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
Decachlorobiphenyl	101	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-E	08-12-1610-15-A	12/12/08 10:25	Solid	GC 46	12/18/08	12/18/08 23:37	081218B04

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	25	1		mg/kg
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
Decachlorobiphenyl	106	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-254-641	N/A	Solid	GC 46	12/18/08	12/18/08 20:48	081218B04

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	25	1		mg/kg
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
Decachlorobiphenyl	111	61-145			

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/08
Work Order No: 08-12-1610
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-C	08-12-1610-13-A	12/11/08 00:00	Solid	GC/MS PP	12/20/08	12/20/08 16:23	081220L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		p/m-Xylene	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		o-Xylene	ND	0.0050	1	
Toluene	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	109	73-139			1,2-Dichloroethane-d4	122	73-145		
Toluene-d8	100	90-108			1,4-Bromofluorobenzene	97	71-113		
Toluene-d8-TPPH	101	88-112							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-D	08-12-1610-14-A	12/12/08 00:00	Solid	GC/MS PP	12/20/08	12/20/08 16:48	081220L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		p/m-Xylene	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		o-Xylene	ND	0.0050	1	
Toluene	ND	0.0050	1		TPPH	0.78	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	104	73-139			1,2-Dichloroethane-d4	119	73-145		
Toluene-d8	105	90-108			1,4-Bromofluorobenzene	104	71-113		
Toluene-d8-TPPH	106	88-112							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-E	08-12-1610-15-A	12/12/08 10:25	Solid	GC/MS PP	12/19/08	12/19/08 19:02	081219L02

Comment(s): -The reporting limit is elevated resulting from matrix interference.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	100		p/m-Xylene	ND	0.50	100	
Ethylbenzene	ND	0.50	100		o-Xylene	ND	0.50	100	
Toluene	ND	0.50	100		TPPH	ND	50	100	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	92	73-139			1,2-Dichloroethane-d4	89	73-145		
Toluene-d8	99	90-108			1,4-Bromofluorobenzene	96	71-113		
Toluene-d8-TPPH	100	88-112							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received: 12/16/08
5900 Hollis Street, Suite A	Work Order No: 08-12-1610
Emeryville, CA 94608-2008	Preparation: EPA 5030B
	Method: LUFT GC/MS / EPA 8260B
	Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-798-200	N/A	Solid	GC/MS PP	12/19/08	12/19/08 13:32	081219L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	100		p/m-Xylene	ND	0.50	100	
Ethylbenzene	ND	0.50	100		o-Xylene	ND	0.50	100	
Toluene	ND	0.50	100		TPPH	ND	50	100	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	96	73-139			1,2-Dichloroethane-d4	98	73-145		
Toluene-d8	98	90-108			1,4-Bromofluorobenzene	95	71-113		
Toluene-d8-TPPH	99	88-112							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-798-201	N/A	Solid	GC/MS PP	12/20/08	12/20/08 12:35	081220L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		p/m-Xylene	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		o-Xylene	ND	0.0050	1	
Toluene	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	99	73-139			1,2-Dichloroethane-d4	98	73-145		
Toluene-d8	98	90-108			1,4-Bromofluorobenzene	94	71-113		
Toluene-d8-TPPH	100	88-112							

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/16/08
Work Order No: 08-12-1610
Preparation: EPA 3050B
Method: EPA 6010B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1712-3	Solid	ICP 5300	12/19/08	12/20/08	081219S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	6	8	50-115	25	0-20	3,4
Arsenic	85	82	75-125	3	0-20	
Barium	30	41	75-125	3	0-20	3
Beryllium	109	111	75-125	2	0-20	
Cadmium	106	108	75-125	2	0-20	
Chromium	96	107	75-125	4	0-20	
Cobalt	107	110	75-125	3	0-20	
Copper	109	112	75-125	2	0-20	
Lead	107	110	75-125	2	0-20	
Molybdenum	83	84	75-125	0	0-20	
Nickel	112	118	75-125	3	0-20	
Selenium	53	49	75-125	8	0-20	3
Silver	101	104	75-125	3	0-20	
Thallium	105	105	75-125	1	0-20	
Vanadium	98	104	75-125	2	0-20	
Zinc	53	57	75-125	2	0-20	3

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates		Date Received:	12/16/08
5900 Hollis Street, Suite A		Work Order No:	08-12-1610
Emeryville, CA 94608-2008		Preparation:	EPA 3550B
		Method:	EPA 8015B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1616-1	Solid	GC 46	12/18/08	12/18/08	081218S03

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	124	126	64-130	1	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates	Date Received:	12/16/08
5900 Hollis Street, Suite A	Work Order No:	08-12-1610
Emeryville, CA 94608-2008	Preparation:	EPA 3550B
	Method:	EPA 8015B (M)

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1616-1	Solid	GC 46	12/18/08	12/18/08	081218S04

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	89	92	64-130	4	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/16/08
Work Order No: 08-12-1610
Preparation: EPA 7471A Total
Method: EPA 7471A

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1219-4	Solid	Mercury	12/19/08	12/19/08	081219S04

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	117	116	84-138	1	0-7	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/16/08
Work Order No: 08-12-1610
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1611-4	Solid	GC/MS PP	12/19/08	12/19/08	081219S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	108	79-115	5	0-13	
Carbon Tetrachloride	95	105	55-139	10	0-15	
Chlorobenzene	101	108	79-115	6	0-17	
1,2-Dibromoethane	107	110	70-130	3	0-30	
1,2-Dichlorobenzene	99	108	63-123	9	0-23	
1,1-Dichloroethene	96	103	69-123	6	0-16	
Ethylbenzene	104	111	70-130	7	0-30	
Toluene	102	108	79-115	5	0-15	
Trichloroethene	100	107	66-144	6	0-14	
Vinyl Chloride	89	88	60-126	2	0-14	
Methyl-t-Butyl Ether (MTBE)	107	112	68-128	4	0-14	
Tert-Butyl Alcohol (TBA)	102	113	44-134	10	0-37	
Diisopropyl Ether (DIPE)	107	111	75-123	4	0-12	
Ethyl-t-Butyl Ether (ETBE)	109	113	75-117	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	109	112	79-115	3	0-12	
Ethanol	90	85	42-138	5	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/16/08
Work Order No: 08-12-1610
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1611-1	Solid	GC/MS PP	12/20/08	12/20/08	081220S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	108	106	79-115	1	0-13	
Carbon Tetrachloride	102	105	55-139	3	0-15	
Chlorobenzene	106	107	79-115	1	0-17	
1,2-Dibromoethane	110	106	70-130	4	0-30	
1,2-Dichlorobenzene	100	104	63-123	4	0-23	
1,1-Dichloroethene	102	103	69-123	1	0-16	
Ethylbenzene	112	111	70-130	0	0-30	
Toluene	109	107	79-115	1	0-15	
Trichloroethene	107	107	66-144	0	0-14	
Vinyl Chloride	86	88	60-126	2	0-14	
Methyl-t-Butyl Ether (MTBE)	111	108	68-128	3	0-14	
Tert-Butyl Alcohol (TBA)	107	97	44-134	11	0-37	
Diisopropyl Ether (DIPE)	111	110	75-123	1	0-12	
Ethyl-t-Butyl Ether (ETBE)	112	111	75-117	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	112	109	79-115	2	0-12	
Ethanol	101	93	42-138	8	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1610
Preparation: EPA 3050B
Method: EPA 6010B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-11,858	Solid	ICP 5300	12/19/08	12/20/08	081219L02

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Antimony	99	100	80-120	73-127	1	0-20	
Arsenic	98	100	80-120	73-127	2	0-20	
Barium	105	105	80-120	73-127	1	0-20	
Beryllium	101	102	80-120	73-127	1	0-20	
Cadmium	104	105	80-120	73-127	1	0-20	
Chromium	100	101	80-120	73-127	1	0-20	
Cobalt	106	107	80-120	73-127	1	0-20	
Copper	100	101	80-120	73-127	1	0-20	
Lead	104	106	80-120	73-127	1	0-20	
Molybdenum	102	104	80-120	73-127	1	0-20	
Nickel	106	107	80-120	73-127	1	0-20	
Selenium	97	99	80-120	73-127	1	0-20	
Silver	102	102	80-120	73-127	1	0-20	
Thallium	102	104	80-120	73-127	2	0-20	
Vanadium	99	100	80-120	73-127	1	0-20	
Zinc	102	103	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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received:	N/A
Work Order No:	08-12-1610
Preparation:	EPA 3550B
Method:	EPA 8015B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-025-570	Solid	GC 46	12/18/08	12/18/08	081218B03

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	101	102	75-123	1	0-12	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received:	N/A
Work Order No:	08-12-1610
Preparation:	EPA 3550B
Method:	EPA 8015B (M)

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-254-641	Solid	GC 46	12/18/08	12/18/08	081218B04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	86	84	75-123	2	0-12	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Conestoga-Rovers & Associates	Date Received:	N/A
5900 Hollis Street, Suite A	Work Order No:	08-12-1610
Emeryville, CA 94608-2008	Preparation:	EPA 7471A Total
	Method:	EPA 7471A

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-6,001	Solid	Mercury	12/19/08	12/19/08	081219L04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	111	109	87-117	2	0-3	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1610
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-200	Solid	GC/MS PP	12/19/08	12/19/08	081219L02

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	107	102	84-114	79-119	5	0-7	
Carbon Tetrachloride	103	99	66-132	55-143	4	0-12	
Chlorobenzene	109	104	87-111	83-115	4	0-7	
1,2-Dibromoethane	114	104	80-120	73-127	9	0-20	
1,2-Dichlorobenzene	113	109	79-115	73-121	3	0-8	
1,1-Dichloroethene	100	96	73-121	65-129	4	0-12	
Ethylbenzene	113	109	80-120	73-127	4	0-20	
Toluene	108	104	78-114	72-120	4	0-7	
Trichloroethene	110	105	84-114	79-119	4	0-8	
Vinyl Chloride	85	80	63-129	52-140	6	0-15	
Methyl-t-Butyl Ether (MTBE)	111	102	77-125	69-133	8	0-11	
Tert-Butyl Alcohol (TBA)	114	101	47-137	32-152	12	0-27	
Diisopropyl Ether (DIPE)	109	104	76-130	67-139	5	0-8	
Ethyl-t-Butyl Ether (ETBE)	111	106	76-124	68-132	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	113	107	82-118	76-124	6	0-11	
Ethanol	105	93	59-131	47-143	12	0-21	
TPPH	95	92	65-135	53-147	3	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1610
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-201	Solid	GC/MS PP	12/20/08	12/20/08	081220L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	103	103	84-114	79-119	0	0-7	
Carbon Tetrachloride	101	97	66-132	55-143	4	0-12	
Chlorobenzene	104	105	87-111	83-115	0	0-7	
1,2-Dibromoethane	108	107	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	104	110	79-115	73-121	5	0-8	
1,1-Dichloroethene	99	96	73-121	65-129	3	0-12	
Ethylbenzene	109	108	80-120	73-127	0	0-20	
Toluene	106	105	78-114	72-120	1	0-7	
Trichloroethene	106	106	84-114	79-119	0	0-8	
Vinyl Chloride	84	81	63-129	52-140	3	0-15	
Methyl-t-Butyl Ether (MTBE)	111	107	77-125	69-133	4	0-11	
Tert-Butyl Alcohol (TBA)	102	101	47-137	32-152	2	0-27	
Diisopropyl Ether (DIPE)	107	105	76-130	67-139	3	0-8	
Ethyl-t-Butyl Ether (ETBE)	111	109	76-124	68-132	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	112	110	82-118	76-124	1	0-11	
Ethanol	94	94	59-131	47-143	0	0-21	
TPPH	89	87	65-135	53-147	1	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-12-1610

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (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 associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- [x] CALSCIENCE (_____)
- [ ] SPL (_____)
- [ ] XENCO (_____)
- [ ] TEST AMERICA (_____)
- [ ] OTHER (_____)

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER _____

Print Bill To Contact Name: Denis Brown

PO #:

INCIDENT # (ENV SERVICES): 9 8 9 9 6 0 6 7 — [ ] CHECK IF NO INCIDENT # APPLIES

SAP #: 1 3 6 0 1 7

DATE: 12/12/08

PAGE: 1 of 2

SAMPLING COMPANY: Conestoga-Rovers & Associates

LOG CODE: CRAW

ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608

PROJECT CONTACT (Hardcopy or PDF Report to): Peter Schaefer

TELEPHONE: 510-420-3319 | FAX: 510-420-9170 | E-MAIL: pschaefer@craworld.com

SITE ADDRESS: Street and City: 1285 Bancroft Ave. San Leandro | State: CA | GLOBAL ID NO: T0600101224

EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, CRA, Emeryville | PHONE NO: 510-420-3343 | E-MAIL: shelledf@craworld.com | CONSULTANT PROJECT NO: 240504-2008-10

SAMPLER NAME(S) (Print): Erin Reinhart-Koylu

LAB USE ONLY: 08-12-1610

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:
Composite Samples
cc: Kari Dupler, kdupler@craworld.com
Follow attached Contingent analysis

- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [x] RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	Ice	OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH - MO (8015M)	CAM17 Metals - Total (6010)	SVOCs (8270C)	VOCs (8260)	PCBs (8082)	Container PID Readings or Laboratory Notes
	Follow attached Contingent Analysis																													
1	CRA-13	12/11/08	4:15	SO						X	1	X	X	X											X	X				CRA-C
2	CRA-14		5:15																											
3	CRA-15		5:30																											
4	CRA-16	12/12/08	8:30																											
5	CRA-19		8:40																											CRA-D
6	CRA-20		11:46																											
7	CRA-21		12:30																											
8	CRA-22		3:20																											

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Erin Reinhart	Secure location	12/12/08	9:00pm
[illegible]	Tom O'Malley CEC	12/15/08	1115
Tom O'Malley TO650 12/15/08 1730	Wbate CEC	12/16/08	1000

GSO51018082

05/2/06 Revision

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)

- ☑ CALSCIENCE ( )
- ☐ SPL ( )
- ☐ XENCO ( )
- ☐ TEST AMERICA ( )
- ☐ OTHER ( )

Please Check Appropriate Box:

- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER ______

Print Bill To Contact Name: Denis Brown

PO #

INCIDENT # (ENV SERVICES): 9 8 9 9 6 0 6 7

☐ CHECK IF NO INCIDENT # APPLIES

SAP #: 1 3 6 0 1 7

DATE: 12/12/08

PAGE: 1 of 1

SAMPLING COMPANY	Conestoga-Rovers & Associates
LOG CODE	CRAW
SITE ADDRESS: Street and City	1285 Bancroft Ave. San Leandro
State	CA
GLOBAL ID NO.	T0600101224
ADDRESS	5900 Hollis Street, Suite A, Emeryville, CA 94608
EDF DELIVERABLE TO (Name, Company, Office Location)	Brenda Carter, CRA, Emeryville
PHONE NO.	510-420-3343
E-MAIL	shelledf@craworld.com
CONSULTANT PROJECT NO.	240504-2008-10
PROJECT CONTACT (Hardcopy or PDF Report to)	Peter Schaefer
SAMPLER NAME(S) (Print)	Erin Reinhart-Koylu
TELEPHONE	510-420-3319
FAX	510-420-9170
E-MAIL	pschaefer@craworld.com
LAB USE ONLY	08-12-1610

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

cc: Kari Dupler, kdupler@craworld.com

- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	HCL	HNO3	H2SO4	NONE	Ice OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH - MO (8015M)	CAM17 Metals - Total (6010)	SVOCs (8270C)	VOCs (8260)	PCBs (8082)	Container PID Readings or Laboratory Notes
9	CRA-25 (CRA-E)	12/12/08	3:05	SO					X	1	X	X	X											X	X				
10	CRA-26 (CRA-E)	12/12/08	3:10	SO					X	1	X	X	X											X	X				
11	CRA-27 (CRA-E)	12/12/08	3:50	SO					X	1	X	X	X											X	X				
12	CRA-28 (CRA-E)	12/13/08	10:25	SO					X	2	X	X	X											X	X				
	CRA-																												
	CRA-																												
	CRA-																												

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Peter Schaefer	Released to secure location	12/15/08	0730
[signature]	Tom O'Malley CEL	12/15/08	1115
Tom O'Malley to GSO 12/15/08 1730 GSO 510918082	W[signature] CEL	12/16/08	1000

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08-12-1610

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: CRA

DATE: 12 / 16 / 08

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 4.3 °C - 0.2 °C (CF) = 4.1 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only Initial: WB

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Initial: WB

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: AD

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☐	☑	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☐	☐	☑
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp_{04} ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PBsterile ☐100PBna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Checked/Labeled by: AD

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Reviewed by: DL

Scanned by: AD

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08-12-1610

SAMPLE ANOMALY FORM

CHAIN OF CUSTODY (COC):

- ☐ Not relinquished by client – no signature
- ☐ No date/time relinquished
- ☐ COC not received with samples – notify PM
- ☐ Incomplete information regarding samples, tests, etc.

Comments:

SAMPLES - CONTAINERS & LABELS:

- ☐ Samples NOT RECEIVED but listed on COC
- ☐ Samples received but NOT LISTED on COC
- ☐ Holding time expired – list sample ID(s) and test
- ☐ Insufficient quantities for analysis – list test
- ☐ Improper container(s) used – list test
- ☐ No preservative noted on label – list test and notify lab
- ☐ Sample labels illegible – note test/container type
- ☒ Sample labels do not match COC – Note in comments
  - ☐ Sample ID
  - ☒ Date and Time Collected
  - ☐ Project Information
  - ☐ # of containers
- ☐ Sample containers compromised – Note in comments
  - ☐ Leaking
  - ☐ Broken
  - ☐ Without Labels
- ☐ Other: _____

Comments:
(-12) CRA-28 1 of 2 sleeves labeled 12/12/08 @ 500

HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of RSK or CO_2 or DO or Organic Lead Received

Comments: _____

Initial / Date AD 12/16/08

Calscience
Environmental
Laboratories, Inc.

December 29, 2008

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

Subject: **Calscience Work Order No.:** **08-12-1613**
Client Reference: **1285 Bancroft Ave., San Leandro, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/16/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of 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.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/08
Work Order No: 08-12-1613
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-F	08-12-1613-7-A	12/13/08 00:00	Solid	ICP 5300	12/19/08	12/20/08 23:08	081219L02

Comment(s): -Mercury was analyzed on 12/22/2008 2:28:53 PM with batch 081219L06

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	6.76	0.750	1		Molybdenum	ND	0.250	1	
Barium	941	0.500	1		Nickel	52.6	0.250	1	
Beryllium	0.541	0.250	1		Selenium	ND	0.750	1	
Cadmium	0.587	0.500	1		Silver	ND	0.250	1	
Chromium	41.1	0.250	1		Thallium	ND	0.750	1	
Cobalt	10.4	0.250	1		Vanadium	33.5	0.250	1	
Copper	21.0	0.500	1		Zinc	48.1	1.00	1	
Lead	8.21	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-G	08-12-1613-8-A	12/13/08 00:00	Solid	ICP 5300	12/19/08	12/20/08 23:10	081219L02

Comment(s): -Mercury was analyzed on 12/22/2008 2:31:03 PM with batch 081219L06

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	6.22	0.750	1		Molybdenum	ND	0.250	1	
Barium	483	0.500	1		Nickel	54.0	0.250	1	
Beryllium	0.553	0.250	1		Selenium	ND	0.750	1	
Cadmium	0.619	0.500	1		Silver	ND	0.250	1	
Chromium	43.5	0.250	1		Thallium	ND	0.750	1	
Cobalt	10.9	0.250	1		Vanadium	35.6	0.250	1	
Copper	22.3	0.500	1		Zinc	48.7	1.00	1	
Lead	7.70	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-04-007-6,002	N/A	Solid	Mercury	12/19/08	12/19/08 21:05	081219L06

Parameter	Result	RL	DF	Qual
Mercury	ND	0.0835	1	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/08
Work Order No: 08-12-1613
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-11,858**	**N/A**	**Solid**	**ICP 5300**	**12/19/08**	**12/20/08 01:25**	**081219L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Lead	ND	0.500	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	ND	0.500	1		Nickel	ND	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	ND	0.250	1		Thallium	ND	0.750	1	
Cobalt	ND	0.250	1		Vanadium	ND	0.250	1	
Copper	ND	0.500	1		Zinc	ND	1.00	1	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/08
Work Order No: 08-12-1613
Preparation: EPA 3550B
Method: EPA 8015B

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-F	08-12-1613-7-A	12/13/08 00:00	Solid	GC 46	12/18/08	12/19/08 00:24	081218B03

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	33	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	111	61-145	

CRA-G	08-12-1613-8-A	12/13/08 00:00	Solid	GC 46	12/18/08	12/19/08 00:39	081218B03

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	103	61-145	

Method Blank	099-12-025-570	N/A	Solid	GC 46	12/18/08	12/18/08 20:48	081218B03

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	111	61-145	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received:	12/16/08
Work Order No:	08-12-1613
Preparation:	EPA 3550B
Method:	EPA 8015B (M)

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-F	08-12-1613-7-A	12/13/08 00:00	Solid	GC 46	12/18/08	12/19/08 00:24	081218B04

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	56	25	1		mg/kg
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
Decachlorobiphenyl	111	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-G	08-12-1613-8-A	12/13/08 00:00	Solid	GC 46	12/18/08	12/19/08 00:39	081218B04

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	25	1		mg/kg
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
Decachlorobiphenyl	103	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-254-641	N/A	Solid	GC 46	12/18/08	12/18/08 20:48	081218B04

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	25	1		mg/kg
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
Decachlorobiphenyl	111	61-145			

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/08
Work Order No: 08-12-1613
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-F	08-12-1613-7-A	12/13/08 00:00	Solid	GC/MS PP	12/23/08	12/23/08 20:28	081223L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		p/m-Xylene	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		o-Xylene	ND	0.0050	1	
Toluene	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	73-139			1,2-Dichloroethane-d4	108	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	100	71-113		
Toluene-d8-TPPH	104	88-112							

CRA-G	08-12-1613-8-A	12/13/08 00:00	Solid	GC/MS PP	12/23/08	12/23/08 20:54	081223L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		p/m-Xylene	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		o-Xylene	ND	0.0050	1	
Toluene	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	73-139			1,2-Dichloroethane-d4	110	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	101	71-113		
Toluene-d8-TPPH	104	88-112							

Method Blank	099-12-798-208	N/A	Solid	GC/MS PP	12/23/08	12/23/08 13:13	081223L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		p/m-Xylene	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		o-Xylene	ND	0.0050	1	
Toluene	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	100	73-139			1,2-Dichloroethane-d4	104	73-145		
Toluene-d8	98	90-108			1,4-Bromofluorobenzene	92	71-113		
Toluene-d8-TPPH	100	88-112							

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates		Date Received:	12/16/08
5900 Hollis Street, Suite A		Work Order No:	08-12-1613
Emeryville, CA 94608-2008		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1712-3	Solid	ICP 5300	12/19/08	12/20/08	081219S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	6	8	50-115	25	0-20	3,4
Arsenic	85	82	75-125	3	0-20	
Barium	30	41	75-125	3	0-20	3
Beryllium	109	111	75-125	2	0-20	
Cadmium	106	108	75-125	2	0-20	
Chromium	96	107	75-125	4	0-20	
Cobalt	107	110	75-125	3	0-20	
Copper	109	112	75-125	2	0-20	
Lead	107	110	75-125	2	0-20	
Molybdenum	83	84	75-125	0	0-20	
Nickel	112	118	75-125	3	0-20	
Selenium	53	49	75-125	8	0-20	3
Silver	101	104	75-125	3	0-20	
Thallium	105	105	75-125	1	0-20	
Vanadium	98	104	75-125	2	0-20	
Zinc	53	57	75-125	2	0-20	3

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates		Date Received:	12/16/08
5900 Hollis Street, Suite A		Work Order No:	08-12-1613
Emeryville, CA 94608-2008		Preparation:	EPA 3550B
		Method:	EPA 8015B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1616-1	Solid	GC 46	12/18/08	12/18/08	081218S03

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	124	126	64-130	1	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates	Date Received:	12/16/08
5900 Hollis Street, Suite A	Work Order No:	08-12-1613
Emeryville, CA 94608-2008	Preparation:	EPA 3550B
	Method:	EPA 8015B (M)

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1616-1	Solid	GC 46	12/18/08	12/18/08	081218S04

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	89	92	64-130	4	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates	Date Received: 12/16/08
5900 Hollis Street, Suite A	Work Order No: 08-12-1613
Emeryville, CA 94608-2008	Preparation: EPA 7471A Total
	Method: EPA 7471A

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-2111-8	Solid	Mercury	12/19/08	12/19/08	081219S06

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	121	121	84-138	0	0-7	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/16/08
Work Order No: 08-12-1613
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1612-3	Solid	GC/MS PP	12/23/08	12/23/08	081223S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	89	100	79-115	12	0-13	
Carbon Tetrachloride	86	97	55-139	12	0-15	
Chlorobenzene	84	99	79-115	16	0-17	
1,2-Dibromoethane	89	102	70-130	14	0-30	
1,2-Dichlorobenzene	76	99	63-123	26	0-23	4
1,1-Dichloroethene	86	95	69-123	9	0-16	
Ethylbenzene	87	101	70-130	16	0-30	
Toluene	88	101	79-115	13	0-15	
Trichloroethene	88	100	66-144	12	0-14	
Vinyl Chloride	72	82	60-126	13	0-14	
Methyl-t-Butyl Ether (MTBE)	92	106	68-128	13	0-14	
Tert-Butyl Alcohol (TBA)	91	99	44-134	9	0-37	
Diisopropyl Ether (DIPE)	92	107	75-123	15	0-12	4
Ethyl-t-Butyl Ether (ETBE)	92	108	75-117	16	0-12	4
Tert-Amyl-Methyl Ether (TAME)	92	105	79-115	13	0-12	4
Ethanol	83	94	42-138	12	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Conestoga-Rovers & Associates	Date Received: N/A
5900 Hollis Street, Suite A	Work Order No: 08-12-1613
Emeryville, CA 94608-2008	Preparation: EPA 3050B
	Method: EPA 6010B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-11,858	Solid	ICP 5300	12/19/08	12/20/08	081219L02

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Antimony	99	100	80-120	73-127	1	0-20	
Arsenic	98	100	80-120	73-127	2	0-20	
Barium	105	105	80-120	73-127	1	0-20	
Beryllium	101	102	80-120	73-127	1	0-20	
Cadmium	104	105	80-120	73-127	1	0-20	
Chromium	100	101	80-120	73-127	1	0-20	
Cobalt	106	107	80-120	73-127	1	0-20	
Copper	100	101	80-120	73-127	1	0-20	
Lead	104	106	80-120	73-127	1	0-20	
Molybdenum	102	104	80-120	73-127	1	0-20	
Nickel	106	107	80-120	73-127	1	0-20	
Selenium	97	99	80-120	73-127	1	0-20	
Silver	102	102	80-120	73-127	1	0-20	
Thallium	102	104	80-120	73-127	2	0-20	
Vanadium	99	100	80-120	73-127	1	0-20	
Zinc	102	103	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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Conestoga-Rovers & Associates		Date Received:	N/A
5900 Hollis Street, Suite A		Work Order No:	08-12-1613
Emeryville, CA 94608-2008		Preparation:	EPA 3550B
		Method:	EPA 8015B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-025-570	Solid	GC 46	12/18/08	12/18/08	081218B03

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	101	102	75-123	1	0-12	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Conestoga-Rovers & Associates		Date Received:	N/A
5900 Hollis Street, Suite A		Work Order No:	08-12-1613
Emeryville, CA 94608-2008		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-254-641	Solid	GC 46	12/18/08	12/18/08	081218B04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	86	84	75-123	2	0-12	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Conestoga-Rovers & Associates		Date Received:	N/A
5900 Hollis Street, Suite A		Work Order No:	08-12-1613
Emeryville, CA 94608-2008		Preparation:	EPA 7471A Total
		Method:	EPA 7471A

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-6,002	Solid	Mercury	12/19/08	12/19/08	081219L06

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	116	115	87-117	1	0-3	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Conestoga-Rovers & Associates	Date Received: N/A
5900 Hollis Street, Suite A	Work Order No: 08-12-1613
Emeryville, CA 94608-2008	Preparation: EPA 5030B
	Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-208	Solid	GC/MS PP	12/23/08	12/23/08	081223L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	110	110	84-114	79-119	0	0-7	
Carbon Tetrachloride	108	112	66-132	55-143	3	0-12	
Chlorobenzene	110	111	87-111	83-115	1	0-7	
1,2-Dibromoethane	111	111	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	112	113	79-115	73-121	1	0-8	
1,1-Dichloroethene	107	110	73-121	65-129	2	0-12	
Ethylbenzene	116	117	80-120	73-127	1	0-20	
Toluene	111	113	78-114	72-120	1	0-7	
Trichloroethene	112	114	84-114	79-119	2	0-8	
Vinyl Chloride	89	92	63-129	52-140	3	0-15	
Methyl-t-Butyl Ether (MTBE)	108	107	77-125	69-133	1	0-11	
Tert-Butyl Alcohol (TBA)	119	123	47-137	32-152	4	0-27	
Diisopropyl Ether (DIPE)	109	109	76-130	67-139	1	0-8	
Ethyl-t-Butyl Ether (ETBE)	109	110	76-124	68-132	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	109	109	82-118	76-124	1	0-11	
Ethanol	116	117	59-131	47-143	1	0-21	
TPPH	93	93	65-135	53-147	0	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-12-1613

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (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 associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE ( )
- ☐ SPL ( )
- ☐ XENCO ( )
- ☐ TEST AMERICA ( )
- ☐ OTHER ( )

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 8 9 9 6 0 6 7 ☐ CHECK IF NO INCIDENT # APPLIES

PO #:

SAP #: 1 3 6 0 1 7

DATE:

PAGE: 1 of 1

SAMPLING COMPANY	Conestoga-Rovers & Associates
LOG CODE	CRAW
ADDRESS	5900 Hollis Street, Suite A, Emeryville, CA 94608
PROJECT CONTACT (Hardcopy or PDF Report to)	Peter Schaefer
TELEPHONE	510-420-3319
FAX	510-420-9170
E-MAIL	pschaefer@craworld.com
SITE ADDRESS: Street and City	1285 Bancroft Ave. San Leandro
State	CA
GLOBAL ID NO	TO600101224
EDF DELIVERABLE TO (Name, Company, Office Location)	Brenda Carter, CRA, Emeryville
PHONE NO	510-420-3343
E-MAIL	shelledf@craworld.com
CONSULTANT PROJECT NO	240504-2008-10
SAMPLER NAME(S) (Print)	Erin Reinhart-Koylu / PETER SCHAEFER
LAB USE ONLY	08-12-1613

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

cc: Kari Dupler, kdupler@craworld.com

- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☑ RECEIPT VERIFICATION REQUESTED

TEMPERATURE ON RECEIPT C°

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	HCL	HNO3	H2SO4	NONE	Ice OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH - MO (8015M)	CAM17 Metals - Total (6010)	SVOCs (8270C)	VOCs (8260)	PCBs (8082)		Container PID Readings or Laboratory Notes
1	~~CRA-~~ CRA-33 } CRAF	12/13/08	0452	SO					X	1	X	X	X											X	X					
2	CRA-34	12/13/08	0454	↓					↓	↓	↓	↓	↓											↓	↓					
3	CRA-30	12/13/08	1041	↓					↓	↓	↓	↓	↓											↓	↓					
4	CRA-32	12/13/08	1101	↓					↓	↓	↓	↓	↓											↓	↓					
5	CRA-35 } CRA-G	12/13/08	1040	↓					↓	↓	↓	↓	↓											↓	↓					
6	CRA-36	12/13/08	1140	↓					↓	↓	↓	↓	↓											↓	↓					
	~~CRA-~~																													

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	Released to secure location	12/15/08	0730
[signature]	Tom O'Malley CEL	12/15/08	1115
Tom O'Malley to GSO 12/15/08 1730	W. [signature] CEL	12/16/08	1000

G5051091S082

05/2/06 Revision

Contingent analyses

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

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

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08-12-1613

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: CRA

DATE: 12/16/08

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 4.3 °C - 0.2 °C (CF) = 4.1 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only Initial: WB

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Initial: WB

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: AD

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☐	☐	☑
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp_{04} ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PBsterile ☐100PBna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Checked/Labeled by: AM

Reviewed by: KN

Scanned by: AD

Calscience
Environmental
Laboratories, Inc.

December 29, 2008

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

Subject: **Calscience Work Order No.: 08-12-1477**
Client Reference: 1285 Bancroft Ave., San Leandro, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/13/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of 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.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received:	12/13/08
5900 Hollis Street, Suite A	Work Order No:	08-12-1477
Emeryville, CA 94608-2008	Preparation:	EPA 1311
	Method:	EPA 6010B

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-A	08-12-1477-9-A	12/09/08 00:00	Solid	ICP 5300	12/18/08	12/19/08 16:13	081219LA1

Parameter	Result	RL	DF	Qual	Units
Barium	66.3	0.100	1		mg/L

Method Blank	097-05-001-3,824	N/A	Solid	ICP 5300	12/18/08	12/19/08 13:52	081219LA1

Parameter	Result	RL	DF	Qual	Units
Barium	ND	0.100	1		mg/L

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/13/08
Work Order No: 08-12-1477
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-A	08-12-1477-9-A	12/09/08 00:00	Solid	ICP 5300	12/16/08	12/18/08 03:13	081216L05

Comment(s): -Mercury was analyzed on 12/16/2008 3:22:04 PM with batch 081216L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	5.88	0.750	1		Molybdenum	ND	0.250	1	
Barium	3050	0.500	1		Nickel	46.4	0.250	1	
Beryllium	0.489	0.250	1		Selenium	ND	0.750	1	
Cadmium	0.672	0.500	1		Silver	ND	0.250	1	
Chromium	35.0	0.250	1		Thallium	ND	0.750	1	
Cobalt	9.98	0.250	1		Vanadium	32.4	0.250	1	
Copper	23.2	0.500	1		Zinc	68.2	1.00	1	
Lead	54.2	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-B	08-12-1477-10-A	12/11/08 00:00	Solid	ICP 5300	12/16/08	12/18/08 03:16	081216L05

Comment(s): -Mercury was analyzed on 12/16/2008 3:24:20 PM with batch 081216L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.174	0.0835	1	
Arsenic	5.11	0.750	1		Molybdenum	ND	0.250	1	
Barium	138	0.500	1		Nickel	46.8	0.250	1	
Beryllium	0.475	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	36.1	0.250	1		Thallium	ND	0.750	1	
Cobalt	9.42	0.250	1		Vanadium	29.3	0.250	1	
Copper	18.6	0.500	1		Zinc	41.7	1.00	1	
Lead	6.25	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-04-007-5,994	N/A	Solid	Mercury	12/16/08	12/16/08 15:06	081216L02

Parameter	Result	RL	DF	Qual
Mercury	ND	0.0835	1	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/13/08
Work Order No: 08-12-1477
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	097-01-002-11,837	N/A	Solid	ICP 5300	12/16/08	12/17/08 14:31	081216L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Lead	ND	0.500	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	ND	0.500	1		Nickel	ND	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	ND	0.250	1		Thallium	ND	0.750	1	
Cobalt	ND	0.250	1		Vanadium	ND	0.250	1	
Copper	ND	0.500	1		Zinc	ND	1.00	1	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received:	12/13/08
5900 Hollis Street, Suite A	Work Order No:	08-12-1477
Emeryville, CA 94608-2008	Preparation:	T22.11.5. All
	Method:	EPA 6010B
	Units:	mg/L
Project: 1285 Bancroft Ave., San Leandro, CA		Page 1 of 1

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GRA-A	08-12-1477-9-A	12/09/08 00:00	Solid	ICP 5300	12/18/08	12/22/08 20:43	081222L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Barium	112	0.100	1		Lead	0.514	0.100	1	

Method Blank	097-05-006-4,388	N/A	Solid	ICP 5300	12/18/08	12/22/08 18:30	081222L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Barium	ND	0.100	1		Lead	ND	0.100	1	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates		Date Received:	12/13/08
5900 Hollis Street, Suite A		Work Order No:	08-12-1477
Emeryville, CA 94608-2008		Preparation:	EPA 3550B
		Method:	EPA 8015B

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-A	08-12-1477-9-A	12/09/08 00:00	Solid	GC 46	12/18/08	12/19/08 00:54	081218B03

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	44	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	108	61-145	

CRA-B	08-12-1477-10-A	12/11/08 00:00	Solid	GC 46	12/18/08	12/19/08 01:09	081218B03

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	109	61-145	

Method Blank	099-12-025-570	N/A	Solid	GC 46	12/18/08	12/18/08 20:48	081218B03

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	111	61-145	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/13/08
Work Order No: 08-12-1477
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-A	08-12-1477-9-A	12/09/08 00:00	Solid	GC 46	12/18/08	12/19/08 00:54	081218B04

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	140	25	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	108	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-B	08-12-1477-10-A	12/11/08 00:00	Solid	GC 46	12/18/08	12/19/08 01:09	081218B04

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	25	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	109	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-254-641	N/A	Solid	GC 46	12/18/08	12/18/08 20:48	081218B04

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	25	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	111	61-145	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received:	12/13/08
5900 Hollis Street, Suite A	Work Order No:	08-12-1477
Emeryville, CA 94608-2008	Preparation:	DHS LUFT
	Method:	DHS LUFT

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-A	08-12-1477-9-A	12/09/08 00:00	Solid	FLAA	12/18/08	12/18/08 18:40	081218L01

Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/kg

Method Blank	099-10-020-1,096	N/A	Solid	FLAA	12/18/08	12/18/08 18:40	081218L01

Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/kg

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received:	12/13/08
Work Order No:	08-12-1477
Preparation:	EPA 5030B
Method:	LUFT GC/MS / EPA 8260B
Units:	mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-A	08-12-1477-9-A	12/09/08 00:00	Solid	GC/MS PP	12/17/08	12/17/08 16:09	081217L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		p/m-Xylene	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		o-Xylene	ND	0.0050	1	
Toluene	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	113	73-139			1,2-Dichloroethane-d4	116	73-145		
Toluene-d8	96	90-108			1,4-Bromofluorobenzene	87	71-113		
Toluene-d8-TPPH	98	88-112							

CRA-B	08-12-1477-10-A	12/11/08 00:00	Solid	GC/MS PP	12/18/08	12/18/08 20:13	081218L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		p/m-Xylene	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		o-Xylene	ND	0.0050	1	
Toluene	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	115	73-139			1,2-Dichloroethane-d4	129	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	100	71-113		
Toluene-d8-TPPH	103	88-112							

Method Blank	099-12-798-196	N/A	Solid	GC/MS PP	12/17/08	12/17/08 13:38	081217L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		p/m-Xylene	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		o-Xylene	ND	0.0050	1	
Toluene	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	103	73-139			1,2-Dichloroethane-d4	101	73-145		
Toluene-d8	93	90-108			1,4-Bromofluorobenzene	86	71-113		
Toluene-d8-TPPH	95	88-112							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/13/08
Work Order No: 08-12-1477
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-798-198	N/A	Solid	GC/MS PP	12/18/08	12/18/08 18:07	081218L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		p/m-Xylene	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		o-Xylene	ND	0.0050	1	
Toluene	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	106	73-139			1,2-Dichloroethane-d4	111	73-145		
Toluene-d8	97	90-108			1,4-Bromofluorobenzene	95	71-113		
Toluene-d8-TPPH	99	88-112							

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/13/08
Work Order No: 08-12-1477
Preparation: EPA 1311
Method: EPA 6010B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1796-1	Solid	ICP 5300	12/18/08	12/19/08	081219SA1

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Barium	95	100	75-125	5	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/13/08
Work Order No: 08-12-1477
Preparation: EPA 3050B
Method: EPA 6010B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-0622-4	Solid	ICP 5300	12/16/08	12/17/08	081216S05

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	15	19	50-115	21	0-20	3,4
Arsenic	101	104	75-125	2	0-20	
Barium	4X	4X	75-125	4X	0-20	Q
Beryllium	99	99	75-125	0	0-20	
Cadmium	101	101	75-125	0	0-20	
Chromium	93	94	75-125	0	0-20	
Cobalt	98	100	75-125	1	0-20	
Copper	103	108	75-125	2	0-20	
Lead	94	96	75-125	1	0-20	
Molybdenum	95	96	75-125	1	0-20	
Nickel	93	94	75-125	1	0-20	
Selenium	97	98	75-125	1	0-20	
Silver	98	99	75-125	1	0-20	
Thallium	26	22	75-125	19	0-20	3
Vanadium	92	96	75-125	2	0-20	
Zinc	218	84	75-125	33	0-20	3,4

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates		Date Received:	12/13/08
5900 Hollis Street, Suite A		Work Order No:	08-12-1477
Emeryville, CA 94608-2008		Preparation:	T22.11.5. All
		Method:	EPA 6010B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1796-1	Solid	ICP 5300	12/18/08	12/23/08	081222S04

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Barium	103	102	75-125	1	0-20	
Lead	100	97	75-125	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates	Date Received: 12/13/08
5900 Hollis Street, Suite A	Work Order No: 08-12-1477
Emeryville, CA 94608-2008	Preparation: EPA 3550B
	Method: EPA 8015B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1616-1	Solid	GC 46	12/18/08	12/18/08	081218S03

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	124	126	64-130	1	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates	Date Received: 12/13/08
5900 Hollis Street, Suite A	Work Order No: 08-12-1477
Emeryville, CA 94608-2008	Preparation: EPA 3550B
	Method: EPA 8015B (M)

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1616-1	Solid	GC 46	12/18/08	12/18/08	081218S04

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	89	92	64-130	4	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates	Date Received:	12/13/08
5900 Hollis Street, Suite A	Work Order No:	08-12-1477
Emeryville, CA 94608-2008	Preparation:	DHS LUFT
	Method:	DHS LUFT

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1404-5	Solid	FLAA	12/18/08	12/18/08	081218S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Organic Lead	97	97	22-148	1	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates	Date Received: 12/13/08
5900 Hollis Street, Suite A	Work Order No: 08-12-1477
Emeryville, CA 94608-2008	Preparation: EPA 7471A Total
	Method: EPA 7471A

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-0622-4	Solid	Mercury	12/16/08	12/16/08	081216S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	103	108	84-138	5	0-7	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/13/08
Work Order No: 08-12-1477
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1479-5	Solid	GC/MS PP	12/17/08	12/17/08	081217S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	93	79-115	1	0-13	
Carbon Tetrachloride	79	83	55-139	6	0-15	
Chlorobenzene	95	100	79-115	5	0-17	
1,2-Dibromoethane	93	98	70-130	5	0-30	
1,2-Dichlorobenzene	89	102	63-123	13	0-23	
1,1-Dichloroethene	84	87	69-123	3	0-16	
Ethylbenzene	94	97	70-130	4	0-30	
Toluene	87	88	79-115	1	0-15	
Trichloroethene	82	86	66-144	4	0-14	
Vinyl Chloride	80	86	60-126	7	0-14	
Methyl-t-Butyl Ether (MTBE)	90	95	68-128	6	0-14	
Tert-Butyl Alcohol (TBA)	66	68	44-134	4	0-37	
Diisopropyl Ether (DIPE)	95	100	75-123	5	0-12	
Ethyl-t-Butyl Ether (ETBE)	93	98	75-117	6	0-12	
Tert-Amyl-Methyl Ether (TAME)	90	93	79-115	4	0-12	
Ethanol	66	62	42-138	6	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/13/08
Work Order No: 08-12-1477
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1479-6	Solid	GC/MS PP	12/18/08	12/18/08	081218S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	111	108	79-115	3	0-13	
Carbon Tetrachloride	111	114	55-139	3	0-15	
Chlorobenzene	106	101	79-115	5	0-17	
1,2-Dibromoethane	112	106	70-130	6	0-30	
1,2-Dichlorobenzene	99	102	63-123	2	0-23	
1,1-Dichloroethene	112	114	69-123	2	0-16	
Ethylbenzene	110	104	70-130	6	0-30	
Toluene	111	108	79-115	3	0-15	
Trichloroethene	110	105	66-144	4	0-14	
Vinyl Chloride	99	101	60-126	3	0-14	
Methyl-t-Butyl Ether (MTBE)	122	128	68-128	5	0-14	
Tert-Butyl Alcohol (TBA)	110	117	44-134	6	0-37	
Diisopropyl Ether (DIPE)	121	127	75-123	5	0-12	3
Ethyl-t-Butyl Ether (ETBE)	125	130	75-117	4	0-12	3
Tert-Amyl-Methyl Ether (TAME)	119	116	79-115	2	0-12	3
Ethanol	122	135	42-138	10	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Conestoga-Rovers & Associates		Date Received:	N/A
5900 Hollis Street, Suite A		Work Order No:	08-12-1477
Emeryville, CA 94608-2008		Preparation:	EPA 1311
		Method:	EPA 6010B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-05-001-3,824	Solid	ICP 5300	12/19/08	081219-la-1	081219LA1

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Barium	5.00	5.31	106	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1477
Preparation: EPA 3050B
Method: EPA 6010B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-11,837	Solid	ICP 5300	12/16/08	12/17/08	081216L05

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Antimony	101	100	80-120	73-127	0	0-20	
Arsenic	97	97	80-120	73-127	0	0-20	
Barium	111	111	80-120	73-127	0	0-20	
Beryllium	106	107	80-120	73-127	1	0-20	
Cadmium	115	116	80-120	73-127	1	0-20	
Chromium	108	108	80-120	73-127	1	0-20	
Cobalt	116	117	80-120	73-127	1	0-20	
Copper	111	112	80-120	73-127	1	0-20	
Lead	112	112	80-120	73-127	0	0-20	
Molybdenum	110	110	80-120	73-127	0	0-20	
Nickel	111	112	80-120	73-127	1	0-20	
Selenium	108	108	80-120	73-127	0	0-20	
Silver	112	113	80-120	73-127	1	0-20	
Thallium	110	111	80-120	73-127	1	0-20	
Vanadium	106	107	80-120	73-127	1	0-20	
Zinc	110	111	80-120	73-127	0	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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1477
Preparation: T22.11.5. AII
Method: EPA 6010B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-05-006-4,388	Solid	ICP 5300	12/18/08	12/22/08	081222L04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Barium	106	107	80-120	0	0-20	
Lead	106	106	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Conestoga-Rovers & Associates	Date Received: N/A
5900 Hollis Street, Suite A	Work Order No: 08-12-1477
Emeryville, CA 94608-2008	Preparation: EPA 3550B
	Method: EPA 8015B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-025-570	Solid	GC 46	12/18/08	12/18/08	081218B03

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	101	102	75-123	1	0-12	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received:	N/A
Work Order No:	08-12-1477
Preparation:	EPA 3550B
Method:	EPA 8015B (M)

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-254-641	Solid	GC 46	12/18/08	12/18/08	081218B04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	86	84	75-123	2	0-12	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Conestoga-Rovers & Associates		Date Received:	N/A
5900 Hollis Street, Suite A		Work Order No:	08-12-1477
Emeryville, CA 94608-2008		Preparation:	DHS LUFT
		Method:	DHS LUFT

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-10-020-1,096	Solid	FLAA	12/18/08	NONE	081218L01

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Organic Lead	25.0	24.8	99	72-126	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Conestoga-Rovers & Associates		Date Received:	N/A
5900 Hollis Street, Suite A		Work Order No:	08-12-1477
Emeryville, CA 94608-2008		Preparation:	EPA 7471A Total
		Method:	EPA 7471A

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-5,994	Solid	Mercury	12/16/08	12/16/08	081216L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	110	110	87-117	0	0-3	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1477
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-196	Solid	GC/MS PP	12/17/08	12/17/08	081217L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	97	93	84-114	79-119	4	0-7	
Carbon Tetrachloride	87	88	66-132	55-143	1	0-12	
Chlorobenzene	104	100	87-111	83-115	4	0-7	
1,2-Dibromoethane	103	99	80-120	73-127	4	0-20	
1,2-Dichlorobenzene	106	109	79-115	73-121	3	0-8	
1,1-Dichloroethene	92	91	73-121	65-129	0	0-12	
Ethylbenzene	102	98	80-120	73-127	4	0-20	
Toluene	95	90	78-114	72-120	5	0-7	
Trichloroethene	94	89	84-114	79-119	5	0-8	
Vinyl Chloride	86	86	63-129	52-140	0	0-15	
Methyl-t-Butyl Ether (MTBE)	97	98	77-125	69-133	1	0-11	
Tert-Butyl Alcohol (TBA)	81	86	47-137	32-152	6	0-27	
Diisopropyl Ether (DIPE)	103	102	76-130	67-139	1	0-8	
Ethyl-t-Butyl Ether (ETBE)	98	99	76-124	68-132	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	97	94	82-118	76-124	3	0-11	
Ethanol	78	81	59-131	47-143	3	0-21	
TPPH	83	72	65-135	53-147	15	0-30	

Total number of LCS compounds : 17
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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-12-1477
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-198	Solid	GC/MS PP	12/18/08	12/18/08	081218L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	106	106	84-114	79-119	0	0-7	
Carbon Tetrachloride	108	111	66-132	55-143	3	0-12	
Chlorobenzene	108	107	87-111	83-115	1	0-7	
1,2-Dibromoethane	109	109	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	111	118	79-115	73-121	6	0-8	ME
1,1-Dichloroethene	105	108	73-121	65-129	3	0-12	
Ethylbenzene	112	112	80-120	73-127	0	0-20	
Toluene	109	107	78-114	72-120	2	0-7	
Trichloroethene	110	109	84-114	79-119	1	0-8	
Vinyl Chloride	93	94	63-129	52-140	2	0-15	
Methyl-t-Butyl Ether (MTBE)	113	112	77-125	69-133	1	0-11	
Tert-Butyl Alcohol (TBA)	119	122	47-137	32-152	3	0-27	
Diisopropyl Ether (DIPE)	114	114	76-130	67-139	0	0-8	
Ethyl-t-Butyl Ether (ETBE)	115	115	76-124	68-132	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	110	110	82-118	76-124	0	0-11	
Ethanol	111	123	59-131	47-143	10	0-21	
TPPH	93	90	65-135	53-147	4	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 1
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-12-1477

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (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 associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- [x] CALSCIENCE (_____)
- [ ] SPL (_____)
- [ ] XENCO (_____)
- [ ] TEST AMERICA (_____)
- [ ] OTHER (_____)

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 98990607 [ ] CHECK IF NO INCIDENT # APPLIES

PO #:

SAP #: 136017

DATE: 12/11/08

PAGE: 1 of 2

SAMPLING COMPANY: Conestoga-Rovers & Associates

LOG CODE: CRAW

SITE ADDRESS: Street and City: 1285 Bancroft Ave. San Leandro

State: CA

GLOBAL ID NO: TO600101224

ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608

EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, CRA, Emeryville

PHONE NO: 510-420-3343

E-MAIL: shelledf@craworld.com

CONSULTANT PROJECT NO: 240504-2008-10

PROJECT CONTACT (Hardcopy or PDF Report to): Peter Schaefer

TELEPHONE: 510-420-3319

FAX: 510-420-9170

E-MAIL: pschaefer@craworld.com

SAMPLER NAME(S) (Print): Erin Reinhart-Koylu

LAB USE ONLY: 08-12-1477

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

cc: Kari Dupler, kdupler@craworld.com
Composite Samples as labled
Follow attached Contingent Analysis

- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [x] RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	Ice	OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH - MO (8015M)	CAM17 Metals - Total (6010)	SVOCs (8270C)	VOCs (8260)	PCBs (8082)	Container PID Readings or Laboratory Notes
1	CRA-2	12/9/08	7:30	SO						X	1	X	X	X											X	X				CRA-A
2	CRA-3	12/9/08	7:40																											
3	CRA-5	12/11/08	11:30																											
4	CRA-7		8:50																											
5	CRA-9		8:30																											CRA-B
6	CRA-10		9:40																											
7	CRA-11		11:40																											
8	CRA-12		1:30																											

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Erin Reinhart-Koylu	Secure location	12/11/08	7:30 pm
[signature]	[signature] CEL	12-12-08	1215
[signature] TO 12-12-08 650 1730 FK# 51907635	[signature] CEL	12/13/08	11:00

05/2/06 Revision

Contingent analyses

- Organic lead required if TTLC lead ≥ 13 mg/kg (1477)
- Aquatic bioassay required if **any** TPH (gasoline, diesel, or motor oil) ≥ 5,000 mg/kg
- TCLP benzene required if benzene ≥ 10 mg/kg
- TCLP and STLC required for metals per table below

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

GSO TK #5109076 35

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08-12-1477

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: CRG DATE: 12/13/08

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.8 °C - 0.2 °C (CF) = 2.6 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** JD

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** JD

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** TT

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	☑	☐	☐
COC document(s) received complete.....	☑	☐	☐
Sampler's name indicated on COC.....	☑	☐	☐
Sample container label(s) consistent with COC.....	☑	☐	☐
Sample container(s) intact and good condition.....	☑	☐	☐
Correct containers and volume for analyses requested.....	☑	☐	☐
Analyses received within holding time.....	☑	☐	☐
Proper preservation noted on sample label(s).....	☐	☐	☑
Volatile analysis container(s) free of headspace.....	☐	☐	☑
Tedlar bag(s) free of condensation.....	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBpo_4 ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PBsterile ☐100PBna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Checked/Labeled by: TT

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Reviewed by: WLC

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Scanned by: TT

Calscience
Environmental
Laboratories, Inc.

January 12, 2009

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

Subject: **Calscience Work Order No.: 09-01-0047**
Client Reference: 1285 Bancroft Ave., San Leandro, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/3/2009 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of 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,

Philip Samelle for

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 01/03/09
Work Order No: 09-01-0047
Preparation: N/A
Method: EPA TO-3M

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVP-1	09-01-0047-1-A	12/31/08 13:41	Air	GC 13	N/A	01/03/09 11:30	090103L01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	9000	1.57		ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVP-2	09-01-0047-2-A	12/31/08 12:47	Air	GC 13	N/A	01/03/09 11:52	090103L01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	10000	1.78		ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVP-3	09-01-0047-3-A	12/31/08 12:12	Air	GC 13	N/A	01/03/09 12:04	090103L01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	9900	1.73		ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVP-4	09-01-0047-4-A	12/31/08 11:28	Air	GC 13	N/A	01/03/09 12:15	090103L01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	9400	1.63		ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVP-5	09-01-0047-5-A	12/31/08 14:28	Air	GC 13	N/A	01/03/09 12:25	090103L01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	9200	1.6		ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVP-1 DUP	09-01-0047-6-A	12/31/08 13:40	Air	GC 13	N/A	01/03/09 11:40	090103L01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	9800	1.71		ug/m3

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 01/03/09
Work Order No: 09-01-0047
Preparation: N/A
Method: EPA TO-3M

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Trip Blank	09-01-0047-7-A	12/31/08 16:30	Air	GC 13	N/A	01/03/09 11:19	090103L01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	5700	1		ug/m3

Method Blank	098-01-005-1,626	N/A	Air	GC 13	N/A	01/03/09 09:09	090103L01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	5700	1		ug/m3

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 01/03/09
Work Order No: 09-01-0047
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVP-1	09-01-0047-1-A	12/31/08 13:41	Air	GC/MS YY	N/A	01/03/09 13:34	090103L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	2.5	1.57		Toluene	7.5	3.0	1.57	
Ethylbenzene	ND	3.4	1.57		Propane	ND	42	1.57	
Methyl-t-Butyl Ether (MTBE)	ND	11	1.57		Butane	ND	19	1.57	
Xylenes (total)	ND	14	1.57		Isobutane	ND	19	1.57	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	95	57-129			1,2-Dichloroethane-d4	104	47-137		
Toluene-d8	98	78-156							

SVP-2	09-01-0047-2-A	12/31/08 12:47	Air	GC/MS YY	N/A	01/03/09 15:02	090103L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	2.8	1.78		Toluene	ND	3.4	1.78	
Ethylbenzene	ND	3.9	1.78		Propane	ND	48	1.78	
Methyl-t-Butyl Ether (MTBE)	ND	13	1.78		Butane	ND	21	1.78	
Xylenes (total)	ND	15	1.78		Isobutane	72	21	1.78	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	93	57-129			1,2-Dichloroethane-d4	105	47-137		
Toluene-d8	98	78-156							

SVP-3	09-01-0047-3-A	12/31/08 12:12	Air	GC/MS YY	N/A	01/03/09 15:48	090103L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	3.8	2.8	1.73		Toluene	18	3.3	1.73	
Ethylbenzene	10	3.8	1.73		Propane	ND	47	1.73	
Methyl-t-Butyl Ether (MTBE)	ND	12	1.73		Butane	ND	21	1.73	
Xylenes (total)	56	15	1.73		Isobutane	ND	21	1.73	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	94	57-129			1,2-Dichloroethane-d4	102	47-137		
Toluene-d8	98	78-156							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 01/03/09
Work Order No: 09-01-0047
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: 1285 Bancroft Ave., San Leandro, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVP-4	09-01-0047-4-A	12/31/08 11:28	Air	GC/MS YY	N/A	01/03/09 16:33	090103L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	2.6	1.63		Toluene	ND	3.1	1.63	
Ethylbenzene	ND	3.5	1.63		Propane	ND	44	1.63	
Methyl-t-Butyl Ether (MTBE)	ND	12	1.63		Butane	ND	19	1.63	
Xylenes (total)	ND	14	1.63		Isobutane	ND	19	1.63	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	93	57-129			1,2-Dichloroethane-d4	97	47-137		
Toluene-d8	97	78-156							

SVP-5	09-01-0047-5-A	12/31/08 14:28	Air	GC/MS YY	N/A	01/03/09 17:18	090103L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	2.6	1.6		Toluene	ND	3.0	1.6	
Ethylbenzene	ND	3.5	1.6		Propane	ND	43	1.6	
Methyl-t-Butyl Ether (MTBE)	ND	12	1.6		Butane	ND	19	1.6	
Xylenes (total)	ND	14	1.6		Isobutane	ND	19	1.6	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	94	57-129			1,2-Dichloroethane-d4	100	47-137		
Toluene-d8	96	78-156							

SVP-1 DUP	09-01-0047-6-A	12/31/08 13:40	Air	GC/MS YY	N/A	01/03/09 14:18	090103L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	2.7	1.71		Toluene	7.7	3.2	1.71	
Ethylbenzene	ND	3.7	1.71		Propane	ND	46	1.71	
Methyl-t-Butyl Ether (MTBE)	ND	12	1.71		Butane	ND	20	1.71	
Xylenes (total)	ND	15	1.71		Isobutane	ND	20	1.71	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	94	57-129			1,2-Dichloroethane-d4	105	47-137		
Toluene-d8	97	78-156							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received:	01/03/09
5900 Hollis Street, Suite A	Work Order No:	09-01-0047
Emeryville, CA 94608-2008	Preparation:	N/A
	Method:	EPA TO-15
	Units:	ug/m3
Project: 1285 Bancroft Ave., San Leandro, CA		Page 3 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Trip Blank	09-01-0047-7-A	12/31/08 16:30	Air	GC/MS YY	N/A	01/03/09 12:49	090103L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	1.6	1		Toluene	ND	1.9	1	
Ethylbenzene	ND	2.2	1		Propane	ND	27	1	
Methyl-t-Butyl Ether (MTBE)	ND	7.2	1		Butane	ND	12	1	
Xylenes (total)	ND	8.7	1		Isobutane	ND	12	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	94	57-129			1,2-Dichloroethane-d4	103	47-137		
Toluene-d8	98	78-156							

Method Blank	095-01-021-7,068	N/A	Air	GC/MS YY	N/A	01/03/09 11:39	090103L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	1.6	1		Toluene	ND	1.9	1	
Ethylbenzene	ND	2.2	1		Propane	ND	27	1	
Methyl-t-Butyl Ether (MTBE)	ND	7.2	1		Butane	ND	12	1	
Xylenes (total)	ND	8.7	1		Isobutane	ND	12	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	94	57-129			1,2-Dichloroethane-d4	103	47-137		
Toluene-d8	98	78-156							

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

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Conestoga-Rovers & Associates	Date Received:	01/03/09
5900 Hollis Street, Suite A	Work Order No:	09-01-0047
Emeryville, CA 94608-2008	Preparation:	N/A
	Method:	EPA TO-3M

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
SVP-5	Air	GC 13	N/A	01/03/09	090103D01

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
TPH as Gasoline	ND	ND	NA	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 09-01-0047
Preparation: N/A
Method: EPA TO-15

Project: 1285 Bancroft Ave., San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-7,068	Air	GC/MS YY	N/A	01/03/09	090103L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	102	97	60-156	44-172	5	0-40	
Carbon Tetrachloride	106	101	64-154	49-169	4	0-32	
1,2-Dibromoethane	103	97	54-144	39-159	5	0-36	
1,2-Dichlorobenzene	100	98	34-160	13-181	2	0-47	
1,2-Dichloroethane	104	100	69-153	55-167	5	0-30	
1,2-Dichloropropane	101	97	67-157	52-172	4	0-35	
1,4-Dichlorobenzene	100	98	36-156	16-176	2	0-47	
c-1,3-Dichloropropene	115	110	61-157	45-173	5	0-35	
Ethylbenzene	107	102	52-154	35-171	4	0-38	
o-Xylene	106	101	52-148	36-164	5	0-38	
p/m-Xylene	103	98	42-156	23-175	5	0-41	
Tetrachloroethene	99	94	56-152	40-168	5	0-40	
Toluene	98	92	56-146	41-161	6	0-43	
Trichloroethene	102	98	63-159	47-175	4	0-34	
1,1,2-Trichloroethane	104	100	65-149	51-163	4	0-37	
Vinyl Chloride	100	98	45-177	23-199	2	0-36	

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

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 09-01-0047

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (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 associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 98996067 ☐ CHECK IF NO INCIDENT # APPLIES

DATE: 12/31/2008

PAGE: 1 of 1

PO #:

SAP #: 136017

SAMPLING COMPANY: Conestoga-Rovers & Associates

LOG CODE: CRAW

SITE ADDRESS: Street and City: 1285 Bancroft Ave, San Leandro

State: CA

GLOBAL ID NO: TO600101224

ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608

EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, CRA, Emeryville

PHONE NO: 510-420-3343

E-MAIL: shell.em.edf@craworld.com

CONSULTANT PROJECT NO.: 240504-2008-10

PROJECT CONTACT (Hardcopy or PDF Report to): Peter Schaefer

TELEPHONE: 510-420-3319

FAX: 510-420-9170

E-MAIL: pschaefer@craworld.com

SAMPLER NAME(S) (Print): Erin Reinhart-Koylu

LAB USE ONLY: 01-0047

TURNAROUND TIME (CALENDAR DAYS):
- ☑ STANDARD (14 DAY)
- ☐ 5 DAYS
- ☐ 3 DAYS
- ☐ 2 DAYS
- ☐ 24 HOURS
- ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

please report results in µg/m³

- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPHg (TO-3)	BTEX by EPA Method (TO-15)	MTBE by EPA Method (TO-15)	Isobutane, butane, & propane (TO-15, GC/MS)	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
1	SVP-1	12/31/2008	13:41	air				X		1	X	X	X	X	Summa ID # LC279
2	SVP-2	12/31/2008	12:47	air				X		1	X	X	X	X	Summa ID # LC157
3	SVP-3	12/31/2008	12:12	air				X		1	X	X	X	X	Summa ID # LC382
4	SVP-4	12/31/2008	11:28	air				X		1	X	X	X	X	Summa ID # LC078
5	SVP-5	12/31/2008	14:28	air				X		1	X	X	X	X	Summa ID # LC273
6	SVP-1 DUP	12/31/2008	13:40	air				X		1	X	X	X	X	Summa ID # LC443
7	Trip Blank	12/31/2008	16:30	air				X		1	X	X	X	X	Summa ID # LC314

	Relinquished by: (Signature)	Received by: (Signature)	Date	Time
1	Erin Reinhart-Koylu	Secure location	12/31/08	16:40
2	Howard Helen	Ta O'Malley CEC	1/2/09	1130
3	Ta O'Malley TO 650 1/2/09 1730	(CEC)	01/03/09	8:45

TF: 511013/511

650

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-01-0047

SAMPLE RECEIPT FORM

BOX ~~Cooler~~ 1 of 1

CLIENT: CRA DATE: 01/03/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature ____.____ °C - 0.2 °C (CF) = ____.____ °C ☐ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☑ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** KN

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** KN

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** KN

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	☑	☐	☐
COC document(s) received complete.....	☑	☐	☐
Sampler's name indicated on COC.....	☑	☐	☐
Sample container label(s) consistent with COC.....	☑	☐	☐
Sample container(s) intact and good condition.....	☑	☐	☐
Correct containers and volume for analyses requested.....	☑	☐	☐
Analyses received within holding time.....	☑	☐	☐
Proper preservation noted on COC or sample container.....	☐	☐	☑
Volatile analysis container(s) free of headspace.....	☐	☐	☑
Tedlar bag(s) free of condensation.....	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBpo_4 ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PBsterile ☐100PBna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☑Summa® ☐_____

Checked/Labeled by: KN

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Reviewed by: VSC

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Scanned by: _____

APPENDIX E

HYDROGRAPHS

Figure 2: Shell-branded Service Station, 1285 Bancroft Ave., San Leandro, CA - Hydrographs of MW-1 and MW-6

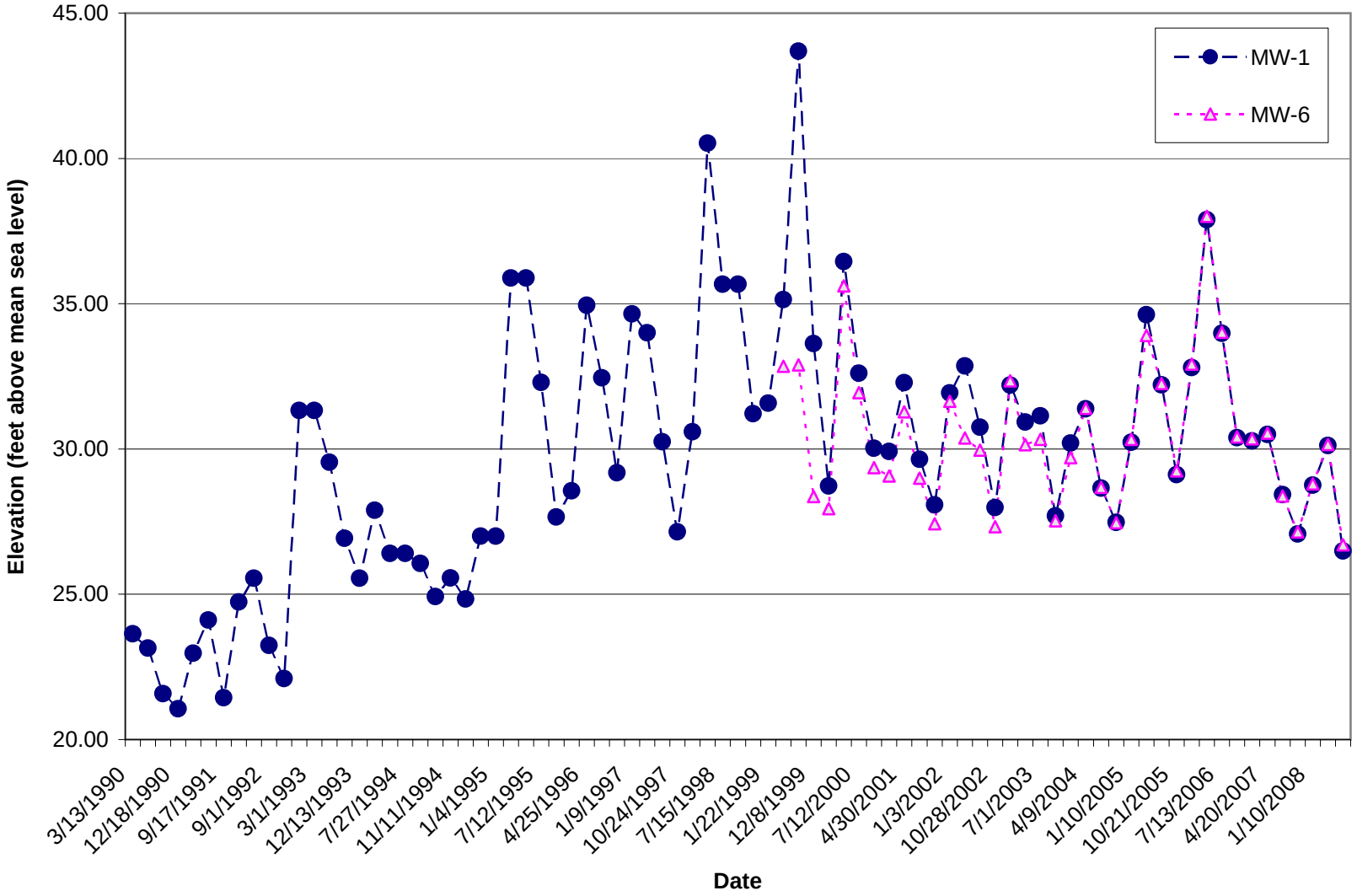

Figure 1: Shell-branded Service Station, 1285 Bancroft Ave., San Leandro, CA - Hydrographs of MW-4 and MW-7

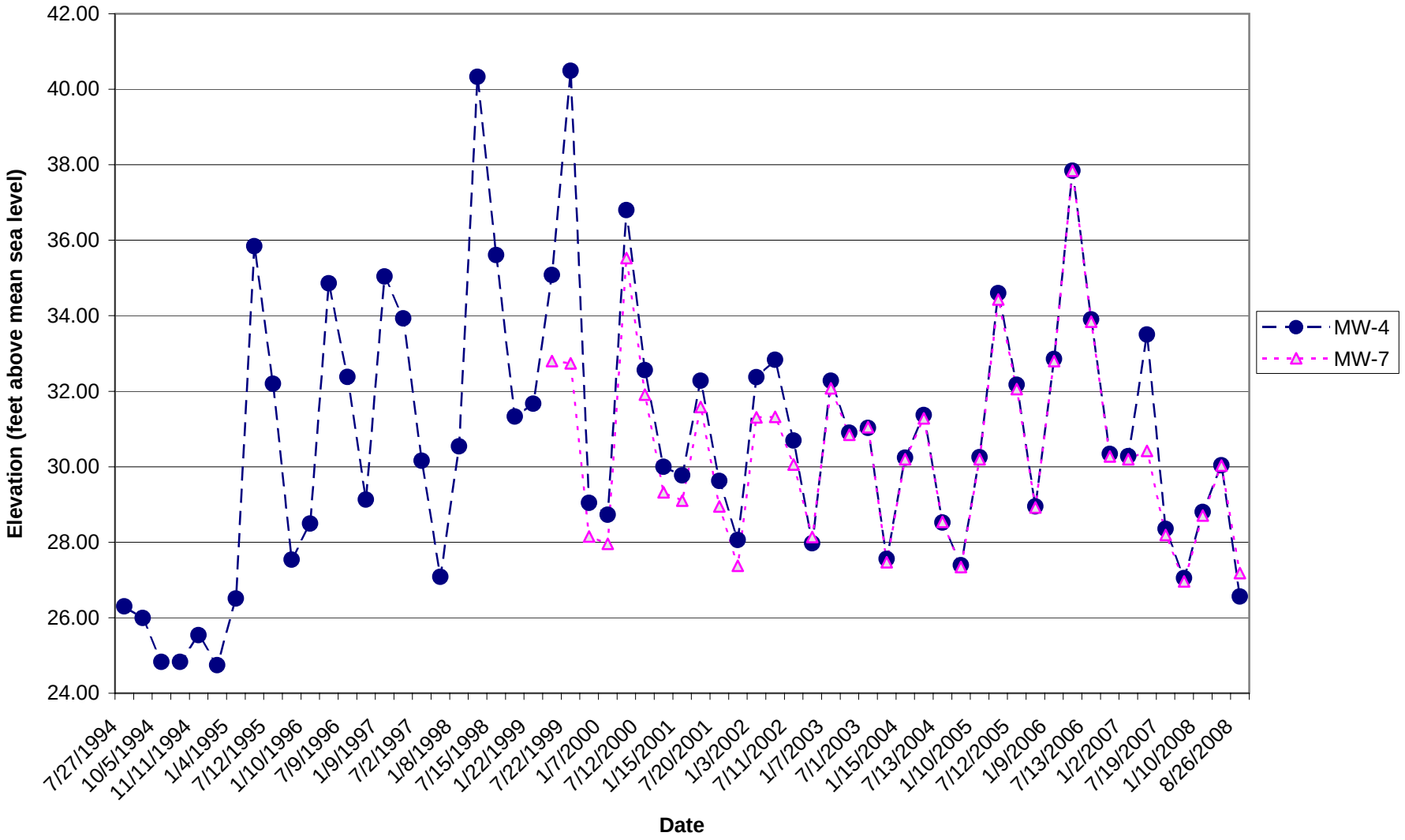

Figure 3: Shell-branded Service Station, 1285 Bancroft Ave., San Leandro, CA - Hydrographs of MW-3 and MW-5