CONESTOGA-ROVERS & ASSOCIATES

5900 Hollis Street, Suite A
Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
www.CRAworld.com

TRANSMITTAL

DATE: May 12, 2010

REFERENCE NO.: 060204

PROJECT NAME: 2301-2307 Lincoln Avenue, Alameda

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

RECEIVED
9:45 am, May 14, 2010
Alameda County
Environmental Health

Please find enclosed:
- ☐ Draft
- ☐ Originals
- ☐ Prints
- ☒ Final
- ☐ Other

Sent via:
- ☐ Mail
- ☐ Overnight Courier
- ☐ Same Day Courier
- ☒ Other GeoTracker and Alameda County FTP

QUANTITY	DESCRIPTION
1	Subsurface Investigation Report

- ☐ As Requested
- ☐ For Your Use
- ☒ For Review and Comment
- ☐
- ☐

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

Copy to: Denis Brown, Shell Oil Products US, 20945 S. Wilmington Avenue, Carson, CA 90810
Alan A. and Beverly M. Sebanc, Trustees, 2805 Ralston Avenue, Hillsborough, CA 94010
Jake Torrens, AMEC Geomatrix, Inc., 2101 Webster Street, 12th Floor, Oakland, CA 94612

Completed by: Peter Schaefer Signed: Peter Schaefer

Filing: Correspondence File

Denis L. Brown
Shell Oil Products US
HSE – Environmental Services
20945 S. Wilmington Ave.
Carson, CA 90810-1039
Tel (707) 865 0251
Fax (707) 865 2542
Email denis.l.brown@shell.com

Mr. Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: 2301-2307 Lincoln Avenue
Alameda, California
SAP Code 165255
Incident No. 97767044
ACEH No. RO0002971

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.

As always, please feel free to contact me directly at (707) 865-0251 with any questions or concerns.

Sincerely,

Denis L. Brown
Project Manager

SUBSURFACE INVESTIGATION REPORT

FORMER SHELL SERVICE STATION
2301-2307 LINCOLN AVENUE
ALAMEDA, CALIFORNIA

SAP CODE 165255
INCIDENT NO. 97767044
AGENCY NO. RO0002971

Prepared by:
Conestoga-Rovers & Associates

5900 Hollis Street, Suite A
Emeryville, California
U.S.A. 94608

Office: (510) 420-0700
Fax: (510) 420-9170

web: http://www.CRAworld.com

MAY 12, 2010
REF. NO. 060204 (11)
This report is printed on recycled paper.

TABLE OF CONTENTS

LIST OF FIGURES
(Following Text)

LIST OF TABLES

LIST OF APPENDICES

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. The purpose of the investigation was to further assess the extent of petroleum hydrocarbons in soil and groundwater and the potential for soil gas migration to indoor air. CRA followed the scope of work and procedures presented in our November 23, 2009 revised work plan, which was approved by Alameda County Environmental Health (ACEH) in their January 12, 2010 letter.

Due to delays in reaching an access agreement with the owner of 2267 Lincoln Avenue, the proposed boring (B-6) could not be installed. Shell has now reached an agreement with the owner and will provide a report detailing the off-site investigation results under separate cover. Due to inclement weather conditions, CRA has not been able to sample the soil vapor probes. They are scheduled to be sampled during May, and these results will be provided under separate cover.

The site is a former Shell service station located at the northeastern corner of Lincoln Avenue and Oak Street in Alameda, California (Figure 1). The area surrounding the site is mixed commercial and residential. The current site layout (Figure 2) includes a parking lot and commercial building housing a convenience store, a cleaners (not a dry cleaner), and a laundromat. The former service station layout included a station building, two dispenser islands, and seven fuel underground storage tanks (USTs). According to the Alameda Fire Department, the seven USTs were removed from the site in June 1982.

A summary of previous work performed at the site and additional background information was presented in CRA's August 27, 2009 *Subsurface Investigation Work Plan* and is not repeated herein.

2.0 EXECUTIVE SUMMARY

- One groundwater monitoring well (MW-9) was installed. It will be sampled during the second quarter 2010, and results will be submitted under separate cover.
- Proposed off-site boring B-6 could not be drilled due to delays in reaching an access agreement. The agreement is now completed. Off-site investigation results will be provided under separate cover.
- Four soil vapor probes (SVP-5A and SVP-6 through SVP-8) were installed and one soil vapor probe (SVP-4) was reinstalled. Due to inclement weather conditions, CRA

has not been able to sample the soil vapor probes. They are scheduled to be sampled during May, and these results will be provided under separate cover.

- No TPHg or BTEX were detected in soil samples collected from well boring MW-9. Up to 450 mg/kg TPHmo, 54 mg/kg TPHd, and 17.1 mg/kg lead were detected (all in sample MW-9-12'). None of the detections exceeded the ESLs.
- CRA recommends sampling new well MW-9 quarterly for one hydrologic cycle and then including it in the semiannual groundwater monitoring program. No additional soil investigation in the area of well MW-9 is recommended.

3.0 WELL INSTALLATION

3.1 PERMIT

CRA obtained a drilling permit from Alameda County Public Works Agency (ACPWA) (Appendix A).

3.2 FIELD DATES

March 23 and March 25, 2010.

3.3 DRILLING COMPANY

Gregg Drilling & Testing, Inc.

3.4 PERSONNEL PRESENT

Geologist Scott Lewis directed the drilling activities under the supervision of California Professional Geologist Peter Schaefer.

3.5 DRILLING METHOD

Hollow-stem auger.

3.6 NUMBER OF BORINGS

One soil boring was drilled and converted to a groundwater monitoring well (MW-9). The well specifications and soil types encountered are described on the boring log contained in Appendix B. The well location is shown on Figure 2.

3.7 BORING DEPTH

18 feet below grade (fbg).

3.8 GROUNDWATER DEPTH

Groundwater was first-encountered at 9 fbg.

3.9 WASTE DISPOSAL

Soil and construction debris generated during field activities were stored on site in 55-gallon drums, sampled, and profiled for disposal. The laboratory analytical report is presented in Appendix C. The soil was transported by American Integrated Services, Inc. of Long Beach, California to TPS Technologies, Inc. in Adelanto, California for recycling. The construction debris was transported by Waste Management, Inc. of Fresno, California to their Nu-Way Live Oak Landfill in Irwindale, California for disposal. The waste disposal manifest for the soil is presented in Appendix D.

4.0 SOIL VAPOR PROBE INSTALLATION

4.1 PERMIT

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

4.2 FIELD DATES

March 23 and March 25, 2010.

4.3 DRILLING COMPANY

Gregg Drilling & Testing, Inc.

4.4 PERSONNEL PRESENT

Geologist Scott Lewis directed the probe installation working under the supervision of California Professional Geologist Peter Schaefer.

4.5 DRILLING METHOD

Air-knife.

4.6 NUMBER OF PROBES

CRA installed four soil vapor probes (SVP-5A and SVP-6 through SVP-8) and reinstalled one soil vapor probe (SVP-4). The probe specifications and soil types encountered are described on the boring logs contained in Appendix B. The probe locations are shown on Figure 2.

4.7 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 B.

4.8 SCREENED INTERVALS

TABLE A

Soil Vapor Probe ID	*Screened Intervals (fbg)*
SVP-4	2-2.1, 5-5.1
SVP-5A	2-2.1
SVP-6	2-2.1, 5-5.1
SVP-7	2-2.1, 5-5.1
SVP-8	2-2.1, 5-5.1

4.9 WASTE DISPOSAL

Soil and construction debris generated during field activities were stored on site in 55-gallon drums, sampled, and profiled for disposal. The laboratory analytical report is presented in Appendix C. The soil was transported by American Integrated Services, Inc. of Long Beach, California to TPS Technologies, Inc. in Adelanto, California for recycling. The construction debris was transported by Waste Management, Inc. of Fresno, California to their Nu-Way Live Oak Landfill in Irwindale, California for disposal. The waste disposal manifest for the soil is presented in Appendix D.

5.0 FINDINGS

5.1 SOIL

The soil chemical analytical data are summarized in Table 1 and on Figure 2. Laboratory analytical reports are presented in Appendix D.

5.2 GROUNDWATER

The new well was developed on April 21, 2010 and sampled with the other site wells on May 5, 2010. These results will be submitted to ACEH under separate cover.

5.3 SOIL VAPOR

As discussed above, due to inclement weather conditions, CRA has not been able to sample the soil vapor probes. They are scheduled to be sampled during May, and these results will be provided under separate cover.

6.0 CONCLUSIONS

No total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, or xylenes (BTEX) were detected in soil samples from well boring MW-9. Up to 450 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as motor oil (TPHmo), 54 mg/kg total petroleum hydrocarbons as diesel (TPHd), and 17.1 mg/kg lead were detected (all in sample MW-9-12'). None of the detections exceed the San Francisco Bay Regional Water Quality Control Board's (RWQCB's)

environmental screening levels (ESLs) for shallow or deep soil with commercial land use where groundwater is not a source of drinking water.

7.0 RECOMMENDATIONS

Concentrations comparable to the TPHg, ethylbenzene, and xylenes detected in soil sample B-8-8.5 (without measurable benzene or toluene) in February 2009 were not found in soil samples collected from well boring MW-9. TPHmo, TPHd, and lead concentrations detected at depths below groundwater indicate that soil in the area of MW-9 is likely not a source of petroleum hydrocarbons in groundwater. No additional soil investigation in this area is recommended.

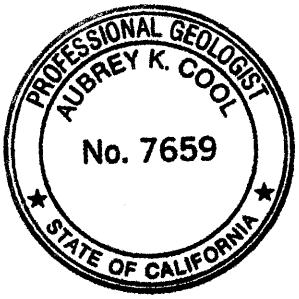
CRA recommends sampling new well MW-9 quarterly for at least a full hydrologic cycle (approximately 1 year), and then including the well in the semiannual groundwater monitoring program. Groundwater samples will be analyzed for TPHmo by EPA Method 8015B (M), TPHd by EPA Method 8015B, and TPHg and BTEX by EPA Method 8260B.

Additional recommendations will be provided with results of the soil vapor sampling and groundwater monitoring events.

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

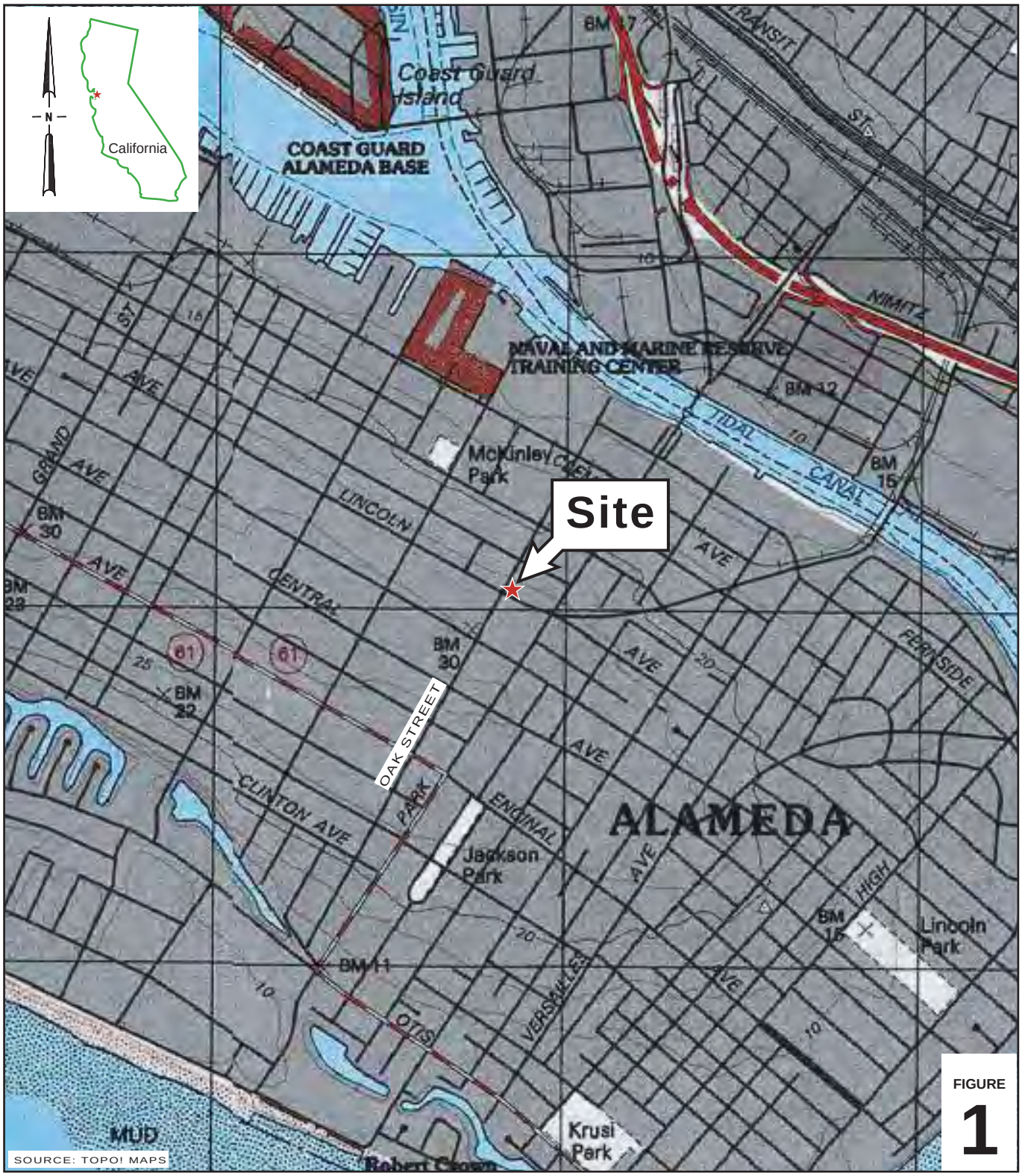
Peter Schaefer, CEG, CHG

Aubrey K. Cool, PG



FIGURES

12/01/08



SOURCE: TOPO! MAPS

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

I:\Shell\6-chars\0602--\060204-Alameda 2301-2307 Lincoln Ave\060204 FIGURES\060204 VICINITY.AI

Former Shell Service Station

2301-2307 Lincoln Avenue

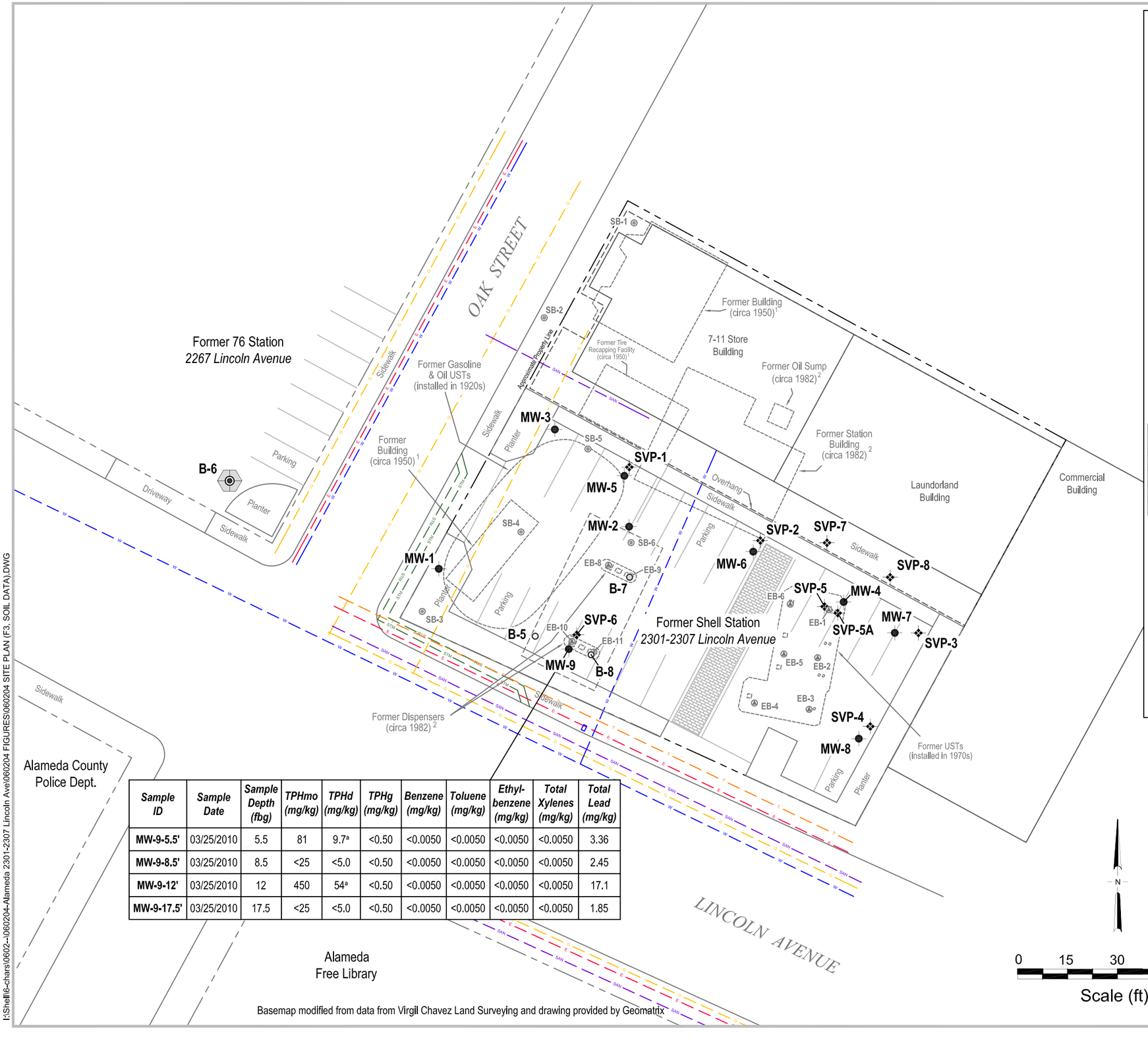
Alameda, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

05/06/10

Soil Chemical Concentrations Map



EXPLANATION

- **B-6** Proposed soil boring location
- **SVP-1** Soil vapor probe location (CRA, 2/09, 3/10)
- **B-5** Geoprobe boring location (CRA, 2/09)
- **MW-1** Monitoring well location
- **EB-1** Soil boring location (Geomatrix, 8/07)
- **SB-1** Soil boring location (Basics Environmental, 7/99)
- Electrical & Telecommunications line (E)
- Telecommunications & Cable TV line (T)
- Gas line (G)
- Storm drain line (STM)
- Sanitary sewer line (SAN)
- Water line (W)

Sources:

1. Sanborn Fire Insurance Map, 1950
2. Majors Civil Engineering, 1982

Sample ID	Sample Date	Sample Depth (fbg)	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	Total Lead (mg/kg)
MW-9-5.5'	03/25/2010	5.5	81	9.7[a]	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	3.36
MW-9-8.5'	03/25/2010	8.5	<25	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	2.45
MW-9-12'	03/25/2010	12	450	54[a]	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	17.1
MW-9-17.5'	03/25/2010	17.5	<25	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	1.85

Notes:
Soil sample ID, date, depth in feet below grade (fbg), and concentrations in milligrams per kilogram (mg/kg)
TPHmo = Total petroleum hydrocarbons as motor oil
TPHd = Total petroleum hydrocarbons as diesel
TPHg = Total petroleum hydrocarbons as gasoline
a = The sample chromatographic pattern for TPHd 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.
<X = Not detected at reporting limit X

Sample ID	Sample Date	Sample Depth (fbg)	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	Total Lead (mg/kg)
MW-9-5.5'	03/25/2010	5.5	81	9.7[a]	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	3.36
MW-9-8.5'	03/25/2010	8.5	<25	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	2.45
MW-9-12'	03/25/2010	12	450	54[a]	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	17.1
MW-9-17.5'	03/25/2010	17.5	<25	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	1.85

Basemap modified from data from Virgil Chavez Land Surveying and drawing provided by Geomatrix

FIGURE
2

Former Shell Service Station
2301-2307 Lincoln Avenue
Alameda, California

CONESTOGA-ROVERS & ASSOCIATES

I:\Shell\6-chars\0602--\060204-Alameda 2301-2307 Lincoln Ave\060204 FIGURES\060204 SITE PLAN (F3, SOIL DATA).DWG

TABLE

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
FORMER SHELL SERVICE STATION
2301-2307 LINCOLN AVENUE
ALAMEDA, CALIFORNIA

Sample ID	Date	Depth (fbg)	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Total Lead
SB-1	7/24/1999	7.5	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	---
SB-2	7/24/1999	7.5	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	---
SB-3	7/24/1999	7.5	---	---	40[a]	<0.005	<0.005	0.012	<0.005	<0.05	---
SB-4	7/24/1999	7.5	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	---
SB-5	7/24/1999	7.5	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	---
SB-6	7/24/1999	5	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	---
MW-1-3.0	8/15/2007	3.0	---	---	<0.18	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	---
MW-1-8.5	8/15/2007	8.5	---	---	**1,600**	<2.0	<2.0	<2.0	<4.0	<2.0	---
MW-1-12.0	8/15/2007	12.0	---	---	2.4	<0.0037	<0.0037	<0.0037	<0.0074	<0.0037	---
MW-1-14.5	8/15/2007	14.5	---	---	<0.160	<0.0052	<0.0052	<0.0052	<0.01	<0.0052	---
MW-2-10.5	8/15/2007	10.5	---	---	5.0	<0.004	<0.004	<0.004	<0.008	<0.004	---
EB-1-10.5	8/16/2007	10.5	---	---	**470**	<6.6	<6.6	**100**	<13.2	<6.6	4.5
EB-1-14.0	8/16/2007	14.0	---	---	<0.820	<0.004	<0.004	<0.004	<0.008	<0.004	1.4
EB-2-9.0	8/16/2007	9.0	---	---	24	**0.44**	<0.270	3.7	<0.540	<0.0045	21
EB-2-13	8/16/2007	13.0	---	---	<0.150	<0.0045	<0.0045	<0.0045	<0.009	<0.27	1.2
EB-3-9.0	8/16/2007	9.0	---	---	68	**0.99**	<0.73	**12**	1.0	<0.73	2.0
EB-3-11.8	8/16/2007	11.8	---	---	<0.180	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	1.8
EB-4-6.5	8/16/2007	6.5	---	---	<0.190	<0.0043	<0.0043	<0.0043	<0.0086	<0.0043	2.3
EB-4-10.2	8/16/2007	10.2	---	---	<0.180	<0.0045	<0.0045	<0.0045	<0.009	<0.0045	1.8
EB-4-13.0	8/16/2007	13.0	---	---	<0.160	<0.0041	<0.0041	<0.0041	<0.0082	<0.0041	1.7
EB-5-2.5	8/16/2007	2.5	---	---	<0.180	<0.0071	<0.0071	<0.0071	<0.014	<0.0045	48
EB-5-9.0	8/16/2007	9.0	---	---	2.4	<0.210	<0.210	3.7	1.1	<0.0071	2.6
EB-5-12.5	8/16/2007	12.5	---	---	<1.1	<0.0045	<0.0045	<0.0045	<0.009	<0.21	1.5
EB-6-9.5	8/16/2007	9.5	---	---	4.3	<0.12	<0.12	1.8	<2.4	<0.12	2.5
EB-6-14.0	8/16/2007	14.0	---	---	<0.180	<0.0036	<0.0036	<0.0036	<0.007	<0.0036	2.0
EB-8-1.5	8/15/2007	1.5	---	---	<0.980	<0.0049	<0.0049	<0.0049	<0.0098	<0.020	40
EB-9-2.0	8/15/2007	2.0	---	---	<0.960	<0.0048	<0.0048	<0.0048	<0.0096	<0.019	2.0

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
FORMER SHELL SERVICE STATION
2301-2307 LINCOLN AVENUE
ALAMEDA, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHmo*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*Total Lead*
EB-10-2.0	8/16/2007	2.0	---	---	<1.5	<0.0051	<0.0051	<0.0051	<0.012	<0.0051	550
EB-11-2.0	8/16/2007	2.0	---	---	<1.2	<0.0048	<0.0048	<0.0048	<0.0096	<0.0048	3.3
B-5-5.5'	2/27/2009	5.5	---	---	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
B-5-8.5'	2/27/2009	8.5	---	---	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
B-7-5.5'	2/27/2009	5.5	---	---	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
B-7-8.5'	2/27/2009	8.5	---	---	87	<0.50	<0.50	<0.50	<0.50	<0.50	---
B-8-5.5'	2/27/2009	5.5	---	---	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
B-8-8.5'	2/27/2009	8.5	---	---	**7,900**	<20	<20	**120**	**150**	<20	---
MW-4-5'	2/25/2009	5	---	---	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
MW-4-8'	2/25/2009	8	---	---	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
MW-5-5'	2/24/2009	5	---	---	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
MW-5-8'	2/24/2009	8	---	---	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
MW-6-5'	2/26/2009	5	---	---	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
MW-6-8'	2/26/2009	8	---	---	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
MW-7-5'	2/25/2009	5	---	---	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
MW-7-8'	2/25/2009	8	---	---	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
MW-8-5'	2/23/2009	5	---	---	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
MW-8-8'	2/23/2009	8	---	---	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
MW-9-5.5'	3/25/2010	5.5	81	9.7[b]	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	---	3.36
MW-9-8.5'	3/25/2010	8.5	<25	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	---	2.45
MW-9-12'	3/25/2010	12	450	54[b]	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	---	17.1
MW-9-17.5'	3/25/2010	17.5	<25	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	---	1.85
Shallow Soil (≤10 fbg) ESL [c]:			2,500	180	180	0.27	9.3	4.7	11	8.4	750
Deep Soil (>10 fbg) ESL [d]:			5,000	180	180	2.0	9.3	4.7	11	8.4	750

HISTORICAL SOIL ANALYTICAL DATA
FORMER SHELL SERVICE STATION
2301-2307 LINCOLN AVENUE
ALAMEDA, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHmo*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*Total Lead*

Notes:

All results in milligrams per kilogram (mg/kg) unless otherwise indicated.
fbg = feet below grade
TPHmo = Total petroleum hydrocarbons as motor oil analyzed by EPA Method 8015B (M)
TPHd = Total petroleum hydrocarbons as diesel analyzed by EPA Method 8015B
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; before February 27, 2009, analyzed by EPA 8015M.
Benzene, toluene, ethylbenzene and total xylenes analyzed by EPA Method 8260B; before August 15, 2007, analyzed by EPA Method 8020.
MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B, before August 15, 2007, analyzed by EPA Method 8020.
Lead analyzed by EPA Method 6010B
<x = Not detected at reporting limit x
--- = Not analyzed
ESL = Environmental screening level

a = Strongly aged gasoline or diesel range compounds are significant.
b = The sample chromatographic pattern for TPHd 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.
c = San Francisco Bay Regional Water Quality Control Board commercial/industrial Environmental Screening Level for soil where groundwater is not a source of drinking water (Table B of *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).
d = San Francisco Bay Regional Water Quality Control Board commercial/industrial Environmental Screening Level for soil where groundwater is not a source of drinking water (Table D of *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).

APPENDIX A

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: 03/08/2010 By jamesy

Permit Numbers: W2010-0153 to W2010-0154
Permits Valid from 03/23/2010 to 03/25/2010

Application Id: 1267827261356
City of Project Site: Alameda
Site Location: 2301-2307 Lincoln Avenue, Alameda
Project Start Date: 03/23/2010
Completion Date: 03/25/2010
Assigned Inspector: Contact Vicky Hamlin at (510) 670-5443 or vickyh@acpwa.org

Applicant: Conestoga-Rovers & Associates - Scott Lewis
19449 Riverside Dr. #220, Sonoma, CA 95476
Phone: 707-933-2369

Property Owner: Alant Beverly Sebanc Trustees
2805 Ralston Avenue, Hillsborough, CA 94010
Phone: --

Client: ** same as Property Owner **

	Total Due:	$662.00
Receipt Number: WR2010-0066	**Total Amount Paid:**	$662.00
Payer Name : Conestoga Rovers	Paid By: CHECK	**PAID IN FULL**

Works Requesting Permits:

Well Construction-Monitoring-Monitoring - 1 Wells
Driller: Gregg - Lic #: 485165 - Method: auger

Work Total: $397.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2010-0153	03/08/2010	06/21/2010	MW9	10.00 in.	4.00 in.	6.00 ft	20.00 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. Permittee, 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. Remove the Christy box or similar structure. Drill out & Replace with New Well.

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.

Borehole(s) for Investigation-Geotechnical Study/CPT's - 5 Boreholes
Driller: Gregg - Lic #: 485165 - Method: auger **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2010-0154	03/08/2010	06/21/2010	5	3.00 in.	5.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. 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.

4. 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.

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. 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.

7. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

APPENDIX B

BORING LOGS

Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	MW-9
JOB/SITE NAME	Former Shell Service Station	**DRILLING STARTED**	23-Mar-10
LOCATION	2301-2307 Lincoln Avenue, Alameda, CA	**DRILLING COMPLETED**	25-Mar-10
PROJECT NUMBER	060204	**WELL DEVELOPMENT DATE (YIELD)**	21-Apr-10 (72 gallons)
DRILLER	Gregg Drilling, C-57 #485165	**GROUND SURFACE ELEVATION**	26.04 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	25.70 ft above msl
BORING DIAMETER	10"	**SCREENED INTERVALS**	8 to 18 fbg
LOGGED BY	S. Lewis	**DEPTH TO WATER (First Encountered)**	9.00 fbg ▽
REVIEWED BY	P. Schaefer	**DEPTH TO WATER (Static)**	6.74 fbg ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.3	Portland Type I/II
							Silty SAND (SM); Brown (10YR 4/3); moist; 15% silt, 85% fine grained sand.		
				5			@ 5' - moist.		Bentonite Seal
0.3		MW-9- 5.5							
0.0		MW-9- 8.5			SM		@ 9' - wet.		
				10			@ 10' - Yellowish brown (10YR 5/4).		
0.3		MW-9- 12							Monterey Sand #2/12
									4"-diam., 0.020" Slotted Schedule 40 PVC
				15					
		MW-9- 17.5						18.0	Bottom of Boring @ 18 fbg

WELL LOG (PID) I:\SHELL\6-CHARS\0602--0602O4--1\0648E9--1\060204-1.GPJ DEFAULT.GDT 5/6/10

Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SVP-4
JOB/SITE NAME	Former Shell Service Station	**DRILLING STARTED**	25-Mar-10
LOCATION	2301-2307 Lincoln Avenue, Alameda, CA	**DRILLING COMPLETED**	25-Mar-10
PROJECT NUMBER	060204	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling, C-57 #485165	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Air-knife	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	3"	**SCREENED INTERVALS**	2-2.1, 5-5.1
LOGGED BY	S. Lewis	**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
0.0					SM		**ASPHALT** **Silty SAND (SM)**; Very dark brown (7.5YR 2.5/3); dry; 25% silt, 65% fine to medium grained sand, 10% fine gravel.	0.3	Bentonite Seal Monterey Sand #2/12 1"-diam., 0.020" Slotted Schedule 40 PVC
				5				5.0	Bottom of Boring @ 5 fbg

WELL LOG (PID) I:\SHELL\6-CHARS\0602-1060204-1\0648E9-1\060204-1.GPJ DEFAULT.GDT 5/6/10

Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SVP-5A
JOB/SITE NAME	Former Shell Service Station	**DRILLING STARTED**	23-Mar-10
LOCATION	2301-2307 Lincoln Avenue, Alameda, CA	**DRILLING COMPLETED**	23-Mar-10
PROJECT NUMBER	060204	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling, C-57 #485165	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Air-knife	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	4"	**SCREENED INTERVALS**	2 to 2.1 fbg
LOGGED BY	S. Lewis	**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
					SM		**ASPHALT** **Silty SAND with Gravel (SM)**; Brown (10YR 4/3); dry; 20% silt, 65% fine grained size sand, 15% fine gravel. @ 1' - **Silty SAND (SM)**; 15% silt, 85% fine grained sand.	0.3 2.2	Portland Type I/II 1/4" teflon sample tubing Bentonite Seal Monterey Sand #2/12 1"-diam., 0.020" Slotted Schedule 40 PVC Bottom of Boring @ 2.2 fbg

WELL LOG (PID) I:\SHELL\6-CHARS\0602--1060204--110648E9--1060204-1.GPJ DEFAULT.GDT 5/6/10

Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SVP-6
JOB/SITE NAME	Former Shell Service Station	**DRILLING STARTED**	23-Mar-10
LOCATION	2301-2307 Lincoln Avenue, Alameda, CA	**DRILLING COMPLETED**	23-Mar-10
PROJECT NUMBER	060204	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling, C-57 #485165	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Air-knife	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	4"	**SCREENED INTERVALS**	NA
LOGGED BY	S. Lewis	**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
							ASPHALT	0.3	Bentonite Seal; Monterey Sand #2/12 1"-diam., 0.020" Slotted Schedule 40 PVC
				5	SM		**Silty SAND (SM)**; Brown (10YR 4/3); dry; 15% silt, 85% fine sand.	5.1	Bottom of Boring @ 5.1 fbg

WELL LOG (PID) I:\SHELL\6-CHARS\0602--\060204--\10648E9--\060204-1.GPJ DEFAULT.GDT 5/6/10

Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SVP-7
JOB/SITE NAME	Former Shell Service Station	**DRILLING STARTED**	23-Mar-10
LOCATION	2301-2307 Lincoln Avenue, Alameda, CA	**DRILLING COMPLETED**	23-Mar-10
PROJECT NUMBER	060204	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling, C-57 #485165	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Air-knife	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	4"	**SCREENED INTERVALS**	NA
LOGGED BY	S. Lewis	**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
							CONCRETE	0.3	Bentonite Seal
					SM		**Silty SAND (SM)**; Very dark grayish brown (10YR 5/3); dry; 15% silt, 80% fine grained sand, 5% fine gravel.		Monterey Sand #2/12 1"-diam., 0.020" Slotted Schedule 40 PVC
				5				5.4	1"-diam., 0.020" Slotted Schedule 40 PVC Monterey Sand #2/12
									Bottom of Boring @ 5.4 fbg

WELL LOG (PID) I:\SHELL\6-CHARS\0602--1060204--10648E9--1060204-1.GPJ DEFAULT.GDT 5/6/10

Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SVP-8
JOB/SITE NAME	Former Shell Service Station	**DRILLING STARTED**	23-Mar-10
LOCATION	2301-2307 Lincoln Avenue, Alameda, CA	**DRILLING COMPLETED**	23-Mar-10
PROJECT NUMBER	060204	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling, C-57 #485165	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Air-knife	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	4"	**SCREENED INTERVALS**	NA
LOGGED BY	S. Lewis	**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
				5	SM		**Silty SAND with Gravel (SM)**; Brown (10YR 4/3); dry; 20% silt, 60% fine grained sand, 20% fine gravel. **Silty SAND (SM)**; 15% silt, 85% fine sand.	5.4	Bentonite Seal Monterey Sand #2/12 1"-diam., 0.020" Slotted Schedule 40 PVC 1"-diam., 0.020" Slotted Schedule 40 PVC Monterey Sand #2/12 Bottom of Boring @ 5.4 fbg

WELL LOG (PID) I:\SHELL\6-CHARS\0602-\060204-\10648E9-\1060204-1.GPJ DEFAULT.GDT 5/6/10

APPENDIX C

CERTIFIED ANALYTICAL REPORTS

Calscience
Environmental
Laboratories, Inc.

April 07, 2010

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

Subject: **Calscience Work Order No.:** **10-03-2149**
Client Reference: **2301-2307 Lincol Ave., Alameda, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/27/2010 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.
Xuan H. Dang
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received:	03/27/10
5900 Hollis Street, Suite A	Work Order No:	10-03-2149
Emeryville, CA 94608-2008	Preparation:	EPA 3050B
	Method:	EPA 6010B

Project: 2301-2307 Lincol Ave., Alameda, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9-5.5	10-03-2149-1-A	03/25/10 08:46	Solid	ICP 5300	03/29/10	03/29/10 22:17	100329L04

Parameter	Result	RL	DF	Qual	Units
Lead	3.36	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9-8.5	10-03-2149-2-A	03/25/10 08:55	Solid	ICP 5300	03/29/10	03/29/10 22:19	100329L04

Parameter	Result	RL	DF	Qual	Units
Lead	2.45	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9-12'	10-03-2149-3-A	03/25/10 08:59	Solid	ICP 5300	03/29/10	03/29/10 22:20	100329L04

Parameter	Result	RL	DF	Qual	Units
Lead	17.1	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9-17.5'	10-03-2149-4-A	03/25/10 09:08	Solid	ICP 5300	03/29/10	03/29/10 22:21	100329L04

Parameter	Result	RL	DF	Qual	Units
Lead	1.85	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	097-01-002-13,361	N/A	Solid	ICP 5300	03/29/10	03/29/10 17:18	100329L04

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.500	1		mg/kg

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received:	03/27/10
5900 Hollis Street, Suite A	Work Order No:	10-03-2149
Emeryville, CA 94608-2008	Preparation:	EPA 3550B
	Method:	EPA 8015B

Project: 2301-2307 Lincol Ave., Alameda, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9-5.5'	10-03-2149-1-A	03/25/10 08:46	Solid	GC 48	04/01/10	04/01/10 23:43	100401B11

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	9.7	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	90	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9-8.5'	10-03-2149-2-A	03/25/10 08:55	Solid	GC 48	04/01/10	04/01/10 23:58	100401B11

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	92	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9-12'	10-03-2149-3-A	03/25/10 08:59	Solid	GC 48	04/01/10	04/02/10 00:13	100401B11

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	54	15	3		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	94	61-145	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received:	03/27/10
5900 Hollis Street, Suite A	Work Order No:	10-03-2149
Emeryville, CA 94608-2008	Preparation:	EPA 3550B
	Method:	EPA 8015B

Project: 2301-2307 Lincol Ave., Alameda, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9-17.5'	10-03-2149-4-A	03/25/10 09:08	Solid	GC 48	04/01/10	04/02/10 00:28	100401B11

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	91	61-145	

Method Blank	099-12-025-1,004	N/A	Solid	GC 48	04/01/10	04/01/10 21:28	100401B11

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	87	61-145	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received:	03/27/10
5900 Hollis Street, Suite A	Work Order No:	10-03-2149
Emeryville, CA 94608-2008	Preparation:	EPA 3550B
	Method:	EPA 8015B (M)

Project: 2301-2307 Lincol Ave., Alameda, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9-5.5'	10-03-2149-1-A	03/25/10 08:46	Solid	GC 48	04/01/10	04/01/10 23:43	100401B12

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	81	25	1		mg/kg
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
Decachlorobiphenyl	90	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9-8.5'	10-03-2149-2-A	03/25/10 08:55	Solid	GC 48	04/01/10	04/01/10 23:58	100401B12

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	25	1		mg/kg
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
Decachlorobiphenyl	92	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9-12'	10-03-2149-3-A	03/25/10 08:59	Solid	GC 48	04/01/10	04/02/10 00:13	100401B12

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	450	75	3		mg/kg
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
Decachlorobiphenyl	94	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9-17.5'	10-03-2149-4-A	03/25/10 09:08	Solid	GC 48	04/01/10	04/02/10 00:28	100401B12

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	25	1		mg/kg
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
Decachlorobiphenyl	91	61-145			

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received:	03/27/10
5900 Hollis Street, Suite A	Work Order No:	10-03-2149
Emeryville, CA 94608-2008	Preparation:	EPA 3550B
	Method:	EPA 8015B (M)

Project: 2301-2307 Lincol Ave., Alameda, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-254-1,071	N/A	Solid	GC 48	04/01/10	04/01/10 21:28	100401B12

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	25	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	87	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: 03/27/10
Work Order No: 10-03-2149
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 2301-2307 Lincol Ave., Alameda, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9-5.5'	10-03-2149-1-A	03/25/10 08:46	Solid	GC/MS PP	03/30/10	03/30/10 17:41	100330L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Xylenes (total)	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		TPPH	ND	0.50	1	
Toluene	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	118	71-137			1,2-Dichloroethane-d4	125	58-160		
Toluene-d8	100	87-111			1,4-Bromofluorobenzene	94	66-126		
Toluene-d8-TPPH	100	87-111							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9-8.5'	10-03-2149-2-A	03/25/10 08:55	Solid	GC/MS PP	03/30/10	03/30/10 16:19	100330L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Xylenes (total)	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		TPPH	ND	0.50	1	
Toluene	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	117	71-137			1,2-Dichloroethane-d4	118	58-160		
Toluene-d8	102	87-111			1,4-Bromofluorobenzene	96	66-126		
Toluene-d8-TPPH	102	87-111							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9-12'	10-03-2149-3-A	03/25/10 08:59	Solid	GC/MS LL	03/30/10	03/31/10 00:25	100330L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Xylenes (total)	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		TPPH	ND	0.50	1	
Toluene	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	99	71-137			1,2-Dichloroethane-d4	102	58-160		
Toluene-d8	98	87-111			1,4-Bromofluorobenzene	95	66-126		
Toluene-d8-TPPH	104	87-111							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received:	03/27/10
5900 Hollis Street, Suite A	Work Order No:	10-03-2149
Emeryville, CA 94608-2008	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B
	Units:	mg/kg

Project: 2301-2307 Lincol Ave., Alameda, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9-17.5	10-03-2149-4-A	03/25/10 09:08	Solid	GC/MS PP	03/29/10	03/29/10 20:59	100329L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Xylenes (total)	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		TPPH	ND	0.50	1	
Toluene	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	115	71-137			1,2-Dichloroethane-d4	116	58-160		
Toluene-d8	102	87-111			1,4-Bromofluorobenzene	94	66-126		
Toluene-d8-TPPH	102	87-111							

Method Blank	099-12-798-896	N/A	Solid	GC/MS PP	03/29/10	03/29/10 13:15	100329L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Xylenes (total)	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		TPPH	ND	0.50	1	
Toluene	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	112	71-137			1,2-Dichloroethane-d4	114	58-160		
Toluene-d8	101	87-111			1,4-Bromofluorobenzene	95	66-126		
Toluene-d8-TPPH	101	87-111							

Method Blank	099-12-798-897	N/A	Solid	GC/MS PP	03/30/10	03/30/10 12:45	100330L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Xylenes (total)	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		TPPH	ND	0.50	1	
Toluene	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	114	71-137			1,2-Dichloroethane-d4	118	58-160		
Toluene-d8	100	87-111			1,4-Bromofluorobenzene	95	66-126		
Toluene-d8-TPPH	101	87-111							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received:	03/27/10
5900 Hollis Street, Suite A	Work Order No:	10-03-2149
Emeryville, CA 94608-2008	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B
	Units:	mg/kg

Project: 2301-2307 Lincol Ave., Alameda, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-798-900	N/A	Solid	GC/MS LL	03/30/10	03/30/10 21:58	100330L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Xylenes (total)	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		TPPH	ND	0.50	1	
Toluene	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	100	71-137			1,2-Dichloroethane-d4	101	58-160		
Toluene-d8	97	87-111			1,4-Bromofluorobenzene	94	66-126		
Toluene-d8-TPPH	102	87-111							

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: 03/27/10
Work Order No: 10-03-2149
Preparation: EPA 3050B
Method: EPA 6010B

Project 2301-2307 Lincol Ave., Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-03-2212-1	Solid	ICP 5300	03/29/10	03/29/10	100329S04

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	97	102	75-125	4	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: 03/27/10
Work Order No: 10-03-2149
Preparation: EPA 3550B
Method: EPA 8015B

Project 2301-2307 Lincol Ave., Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-9-8.5'	Solid	GC 48	04/01/10	04/01/10	100401S11

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	87	95	64-130	8	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates	Date Received: 03/27/10
5900 Hollis Street, Suite A	Work Order No: 10-03-2149
Emeryville, CA 94608-2008	Preparation: EPA 3550B
	Method: EPA 8015B (M)

Project 2301-2307 Lincol Ave., Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-9-8.5'	Solid	GC 48	04/01/10	04/01/10	100401S12

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	89	97	64-130	9	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: 03/27/10
Work Order No: 10-03-2149
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 2301-2307 Lincol Ave., Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-03-1939-14	Solid	GC/MS PP	03/29/10	03/29/10	100329S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	92	40-142	8	0-18	
Carbon Tetrachloride	128	114	37-139	12	0-20	
Chlorobenzene	99	88	43-127	12	0-26	
1,2-Dibromoethane	102	91	70-130	12	0-30	
1,2-Dichlorobenzene	94	76	40-160	21	0-36	
1,1-Dichloroethene	108	110	16-178	2	0-25	
Ethylbenzene	101	86	70-130	15	0-30	
Toluene	101	91	44-128	10	0-15	
Trichloroethene	173	161	47-131	7	0-19	3
Vinyl Chloride	118	119	29-161	1	0-42	
Methyl-t-Butyl Ether (MTBE)	94	88	42-150	7	0-34	
Tert-Butyl Alcohol (TBA)	87	89	61-109	2	0-47	
Diisopropyl Ether (DIPE)	96	93	73-133	4	0-25	
Ethyl-t-Butyl Ether (ETBE)	92	89	73-132	3	0-25	
Tert-Amyl-Methyl Ether (TAME)	96	89	82-120	8	0-25	
Ethanol	98	96	39-117	2	0-99	

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: 03/27/10
Work Order No: 10-03-2149
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 2301-2307 Lincol Ave., Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-9-12'	Solid	GC/MS LL	03/30/10	03/31/10	100330S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	92	40-142	3	0-18	
Carbon Tetrachloride	100	98	37-139	1	0-20	
Chlorobenzene	93	88	43-127	5	0-26	
1,2-Dibromoethane	93	91	70-130	2	0-30	
1,2-Dichlorobenzene	84	78	40-160	8	0-36	
1,1-Dichloroethene	100	100	16-178	1	0-25	
Ethylbenzene	96	91	70-130	5	0-30	
Toluene	95	91	44-128	4	0-15	
Trichloroethene	99	96	47-131	3	0-19	
Vinyl Chloride	91	90	29-161	1	0-42	
Methyl-t-Butyl Ether (MTBE)	93	92	42-150	1	0-34	
Tert-Butyl Alcohol (TBA)	90	89	61-109	2	0-47	
Diisopropyl Ether (DIPE)	100	97	73-133	3	0-25	
Ethyl-t-Butyl Ether (ETBE)	95	93	73-132	2	0-25	
Tert-Amyl-Methyl Ether (TAME)	94	91	82-120	3	0-25	
Ethanol	71	57	39-117	22	0-99	

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: 03/27/10
Work Order No: 10-03-2149
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 2301-2307 Lincol Ave., Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-9-8'6'	Solid	GC/MS PP	03/30/10	03/30/10	100330S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	101	40-142	0	0-18	
Carbon Tetrachloride	138	143	37-139	3	0-20	3
Chlorobenzene	101	100	43-127	1	0-26	
1,2-Dibromoethane	101	99	70-130	2	0-30	
1,2-Dichlorobenzene	100	96	40-160	3	0-36	
1,1-Dichloroethene	114	113	16-178	1	0-25	
Ethylbenzene	104	104	70-130	0	0-30	
Toluene	103	103	44-128	1	0-15	
Trichloroethene	101	101	47-131	1	0-19	
Vinyl Chloride	124	119	29-161	4	0-42	
Methyl-t-Butyl Ether (MTBE)	98	93	42-150	4	0-34	
Tert-Butyl Alcohol (TBA)	96	88	61-109	9	0-47	
Diisopropyl Ether (DIPE)	104	101	73-133	3	0-25	
Ethyl-t-Butyl Ether (ETBE)	95	92	73-132	3	0-25	
Tert-Amyl-Methyl Ether (TAME)	96	93	82-120	3	0-25	
Ethanol	116	94	39-117	20	0-99	

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:	10-03-2149
Emeryville, CA 94608-2008	Preparation:	EPA 3050B
	Method:	EPA 6010B

Project: 2301-2307 Lincol Ave., Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-13,361	Solid	ICP 5300	03/29/10	03/29/10	100329L04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	108	106	80-120	2	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: 10-03-2149
Emeryville, CA 94608-2008	Preparation: EPA 3550B
	Method: EPA 8015B

Project: 2301-2307 Lincol Ave., Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-025-1,004	Solid	GC 48	04/01/10	04/01/10	100401B11

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	102	106	75-123	3	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: 10-03-2149
Emeryville, CA 94608-2008	Preparation: EPA 3550B
	Method: EPA 8015B (M)

Project: 2301-2307 Lincol Ave., Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-254-1,071	Solid	GC 48	04/01/10	04/01/10	100401B12

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	95	95	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: 10-03-2149
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 2301-2307 Lincol Ave., Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-896	Solid	GC/MS PP	03/29/10	03/29/10	100329L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	94	96	85-115	80-120	2	0-11	
Carbon Tetrachloride	123	128	68-134	57-145	3	0-14	
Chlorobenzene	97	98	83-119	77-125	1	0-9	
1,2-Dibromoethane	104	101	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	97	97	57-135	44-148	1	0-10	
1,1-Dichloroethene	100	102	72-120	64-128	2	0-10	
Ethylbenzene	98	100	80-120	73-127	2	0-20	
Toluene	97	99	67-127	57-137	2	0-10	
Trichloroethene	95	97	88-112	84-116	2	0-9	
Vinyl Chloride	112	113	57-129	45-141	0	0-16	
Methyl-t-Butyl Ether (MTBE)	98	98	76-124	68-132	0	0-12	
Tert-Butyl Alcohol (TBA)	89	93	31-145	12-164	4	0-23	
Diisopropyl Ether (DIPE)	99	100	74-128	65-137	1	0-10	
Ethyl-t-Butyl Ether (ETBE)	94	95	77-125	69-133	1	0-9	
Tert-Amyl-Methyl Ether (TAME)	97	97	81-123	74-130	0	0-10	
Ethanol	88	90	44-152	26-170	2	0-24	
TPPH	96	96	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: 10-03-2149
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 2301-2307 Lincol Ave., Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-900	Solid	GC/MS LL	03/30/10	03/30/10	100330L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	92	91	85-115	80-120	1	0-11	
Carbon Tetrachloride	92	92	68-134	57-145	0	0-14	
Chlorobenzene	89	92	83-119	77-125	3	0-9	
1,2-Dibromoethane	91	96	80-120	73-127	6	0-20	
1,2-Dichlorobenzene	85	89	57-135	44-148	5	0-10	
1,1-Dichloroethene	95	93	72-120	64-128	2	0-10	
Ethylbenzene	93	95	80-120	73-127	2	0-20	
Toluene	92	94	67-127	57-137	1	0-10	
Trichloroethene	96	92	88-112	84-116	5	0-9	
Vinyl Chloride	93	103	57-129	45-141	10	0-16	
Methyl-t-Butyl Ether (MTBE)	89	93	76-124	68-132	4	0-12	
Tert-Butyl Alcohol (TBA)	85	94	31-145	12-164	9	0-23	
Diisopropyl Ether (DIPE)	92	94	74-128	65-137	3	0-10	
Ethyl-t-Butyl Ether (ETBE)	90	93	77-125	69-133	4	0-9	
Tert-Amyl-Methyl Ether (TAME)	92	95	81-123	74-130	3	0-10	
Ethanol	80	93	44-152	26-170	15	0-24	
TPPH	100	105	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: 10-03-2149
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 2301-2307 Lincol Ave., Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-897	Solid	GC/MS PP	03/30/10	03/30/10	100330L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	96	99	85-115	80-120	3	0-11	
Carbon Tetrachloride	127	135	68-134	57-145	6	0-14	ME
Chlorobenzene	98	99	83-119	77-125	1	0-9	
1,2-Dibromoethane	100	104	80-120	73-127	4	0-20	
1,2-Dichlorobenzene	98	98	57-135	44-148	1	0-10	
1,1-Dichloroethene	106	109	72-120	64-128	3	0-10	
Ethylbenzene	99	102	80-120	73-127	3	0-20	
Toluene	98	100	67-127	57-137	2	0-10	
Trichloroethene	95	100	88-112	84-116	6	0-9	
Vinyl Chloride	116	118	57-129	45-141	2	0-16	
Methyl-t-Butyl Ether (MTBE)	98	99	76-124	68-132	1	0-12	
Tert-Butyl Alcohol (TBA)	91	94	31-145	12-164	4	0-23	
Diisopropyl Ether (DIPE)	101	102	74-128	65-137	2	0-10	
Ethyl-t-Butyl Ether (ETBE)	94	96	77-125	69-133	3	0-9	
Tert-Amyl-Methyl Ether (TAME)	94	97	81-123	74-130	3	0-10	
Ethanol	92	99	44-152	26-170	7	0-24	
TPPH	95	95	65-135	53-147	0	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: 10-03-2149

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

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: Peter Schafer 060204

PO #:

INCIDENT # (ENV SERVICES): 9 7 7 6 7 0 4 4

SAP #:

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 3-25-10

PAGE: 1 of 1

SAMPLING COMPANY: Conestoga-Rovers & Associates	LOG CODE: CRAW	SITE ADDRESS: Street and City: 2301-2307 Licoln Avenue, Alameda	State: CA
GLOBAL ID NO.: T0619714590			
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.: 060204-95-10.06		
PROJECT CONTACT (Hardcopy or PDF Report to): Peter Schafer		SAMPLER NAME(S) (Print): Scott Lewis	LAB USE ONLY: 03-2149
TELEPHONE: 510-420-3319	FAX: 510-420-9170	E-MAIL: pschafer@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 :

Copy of final report to Shell.Lab.Billing@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	OTHER	NO. OF CONT.	TPH -GRO, Purgeable (8260B)	TPH -DRO, Extractable (8015M)	TPHg (8015M)	TPH -MO (8015M)	BTEX (5260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXYs (MTBE, TBA, DIPE, TAME, ETBE) 8260B	Full VOC list (8260B)	Single Compound: ____ (8260B)	1,2-DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	Lead (6010)	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
1	MW-9-5.5'	3/25	0846	SO						1	X	X		X	X										X	
2	MW-9-8.5'	3/25	0855	SO						1	X	X		X	X										X	
3	MW-9-12'	3/25	0859	SO						1	X	X		X	X										X	
4	MW-9-17.5'	3/25	0908	SO						1	X	X		X	X										X	

Relinquished by: (Signature) Scott Lewis	Received by: (Signature) Seven Office	Date: 3-25-10	Time: 1450
Relinquished by: (Signature)	Received by: (Signature) Tom O'Malley CEL	Date: 3/26/10	Time: 1030
Relinquished by: (Signature) CEL 3-26-10 1730	Received by: (Signature) CEL	Date: 3/27/10	Time: 0900

05/3/06 Revision

2149

GSO

< WebShip > > > > >

800-322-5555 www.gso.com

Ship From:
ALAN KEMP
CAL SCIENCE- CONCORD
5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

Ship To:
SAMPLE RECEIVING
CEL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
$0.00

Reference:
BTS, CRA

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 513832772

SDS

ORC

D

GARDEN GROVE

D92843A

80359516

Print Date : 03/26/10 15:46 PM

Package 1 of 1

Send Label To Printer | ☑ Print All | Edit Shipment | Finish

LABEL INSTRUCTIONS:

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

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.
STEP 2 - Fold this page in half.
STEP 3 - Securely attach this label to your package, do not cover the barcode.
STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Send Label Via Email | Create Return Label

TERMS AND CONDITIONS:

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

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-03-2149

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: CRA DATE: 03/27/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.6 °C + 0.5 °C (CF) = 3.1 °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: YL

CUSTODY SEALS INTACT:

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

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

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

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

Water: ☐VOA ☐VOA**h** ☐VOA**na_2** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na_2** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na** ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na_2** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Checked by:**

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** YL

Preservative: h: HCL n: HNO_3 **na_2**: $Na_2S_2O_3$ Na: NaOH p: H_3PO_4 s: H_2SO_4 znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:**

Calscience
Environmental
Laboratories, Inc.

April 07, 2010

Peter Schaefer
Conestoga-Rovers & Associates
19449 Riverside Drive, Suite 230
Sonoma, CA 95476-6955

Subject: **Calscience Work Order No.:** **10-03-2150**
Client Reference: **2301-2307 Licoln Avenue, Alameda, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/27/2010 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 Sanelle for

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates
19449 Riverside Drive, Suite 230
Sonoma, CA 95476-6955

Date Received: 03/27/10
Work Order No: 10-03-2150
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: 2301-2307 Licoln Avenue, Alameda, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-A	10-03-2150-4-A	03/25/10 00:00	Solid	ICP 5300	03/29/10	03/29/10 21:35	100329L02

Comment(s): -Mercury was analyzed on 3/29/2010 4:56:28 PM with batch 100329L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	1.62	0.750	1		Molybdenum	ND	0.250	1	
Barium	43.5	0.500	1		Nickel	22.9	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	29.0	0.250	1		Thallium	ND	0.750	1	
Cobalt	4.73	0.250	1		Vanadium	20.1	0.250	1	
Copper	5.92	0.500	1		Zinc	22.3	1.00	1	
Lead	7.08	0.500	1						

Method Blank	099-04-007-6,911	N/A	Solid	Mercury	03/29/10	03/29/10 14:11	100329L04

Parameter	Result	RL	DF	Qual
Mercury	ND	0.0835	1	

Method Blank	097-01-002-13,362	N/A	Solid	ICP 5300	03/29/10	03/29/10 21:15	100329L02

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
19449 Riverside Drive, Suite 230
Sonoma, CA 95476-6955

Date Received: 03/27/10
Work Order No: 10-03-2150
Preparation: EPA 3550B
Method: EPA 8015B

Project: 2301-2307 Licoln Avenue, Alameda, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-A	**10-03-2150-4-A**	**03/25/10 00:00**	**Solid**	**GC 43**	**03/30/10**	**03/30/10 23:27**	**100330B01**

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	49	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	117	61-145	

Method Blank	099-12-025-1,001	N/A	Solid	GC 43	03/30/10	03/30/10 13:21	100330B01

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	98	61-145	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received: 03/27/10
19449 Riverside Drive, Suite 230	Work Order No: 10-03-2150
Sonoma, CA 95476-6955	Preparation: EPA 3550B
	Method: EPA 8015B (M)

Project: 2301-2307 Licoln Avenue, Alameda, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-A	**10-03-2150-4-A**	**03/25/10 00:00**	**Solid**	**GC 43**	**03/30/10**	**03/30/10 23:27**	**100330B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	210	25	1		mg/kg
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
Decachlorobiphenyl	117	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-254-1,067**	**N/A**	**Solid**	**GC 43**	**03/30/10**	**03/30/10 13:21**	**100330B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	25	1		mg/kg
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
Decachlorobiphenyl	98	61-145			

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates
19449 Riverside Drive, Suite 230
Sonoma, CA 95476-6955

Date Received: 03/27/10
Work Order No: 10-03-2150
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 2301-2307 Licoln Avenue, Alameda, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-A	10-03-2150-4-A	03/25/10 00:00	Solid	GC/MS PP	03/29/10	03/29/10 16:26	100329L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Xylenes (total)	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		TPPH	ND	0.50	1	
Toluene	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	109	71-137			1,2-Dichloroethane-d4	112	58-160		
Toluene-d8	100	87-111			1,4-Bromofluorobenzene	97	66-126		
Toluene-d8-TPPH	100	87-111							

Method Blank	099-12-798-896	N/A	Solid	GC/MS PP	03/29/10	03/29/10 13:15	100329L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Xylenes (total)	ND	0.0050	1	
Ethylbenzene	ND	0.0050	1		TPPH	ND	0.50	1	
Toluene	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	112	71-137			1,2-Dichloroethane-d4	114	58-160		
Toluene-d8	101	87-111			1,4-Bromofluorobenzene	95	66-126		
Toluene-d8-TPPH	101	87-111							

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates
19449 Riverside Drive, Suite 230
Sonoma, CA 95476-6955

Date Received: 03/27/10
Work Order No: 10-03-2150
Preparation: EPA 3050B
Method: EPA 6010B

Project 2301-2307 Licoln Avenue, Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-03-2132-1	Solid	ICP 5300	03/29/10	03/29/10	100329S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	23	31	50-115	29	0-20	3,4
Arsenic	104	105	75-125	1	0-20	
Barium	112	104	75-125	2	0-20	
Beryllium	107	103	75-125	3	0-20	
Cadmium	100	99	75-125	0	0-20	
Chromium	103	99	75-125	3	0-20	
Cobalt	106	106	75-125	1	0-20	
Copper	112	108	75-125	2	0-20	
Lead	106	113	75-125	5	0-20	
Molybdenum	96	98	75-125	2	0-20	
Nickel	106	102	75-125	3	0-20	
Selenium	96	94	75-125	2	0-20	
Silver	105	102	75-125	2	0-20	
Thallium	50	95	75-125	62	0-20	3,4
Vanadium	108	102	75-125	3	0-20	
Zinc	110	112	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: 03/27/10
19449 Riverside Drive, Suite 230	Work Order No: 10-03-2150
Sonoma, CA 95476-6955	Preparation: EPA 3550B
	Method: EPA 8015B

Project 2301-2307 Licoln Avenue, Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-03-2132-3	Solid	GC 43	03/30/10	03/30/10	100330S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	107	112	64-130	5	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates	Date Received: 03/27/10
19449 Riverside Drive, Suite 230	Work Order No: 10-03-2150
Sonoma, CA 95476-6955	Preparation: EPA 3550B
	Method: EPA 8015B (M)

Project 2301-2307 Licoln Avenue, Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-03-2132-3	Solid	GC 43	03/30/10	03/30/10	100330S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	107	115	64-130	8	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates	Date Received: 03/27/10
19449 Riverside Drive, Suite 230	Work Order No: 10-03-2150
Sonoma, CA 95476-6955	Preparation: EPA 7471A Total
	Method: EPA 7471A

Project 2301-2307 Licoln Avenue, Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-03-2178-1	Solid	Mercury	03/29/10	03/29/10	100329S04

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	73	85	71-137	7	0-14	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates
19449 Riverside Drive, Suite 230
Sonoma, CA 95476-6955

Date Received: 03/27/10
Work Order No: 10-03-2150
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 2301-2307 Licoln Avenue, Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-03-1939-14	Solid	GC/MS PP	03/29/10	03/29/10	100329S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	92	40-142	8	0-18	
Carbon Tetrachloride	128	114	37-139	12	0-20	
Chlorobenzene	99	88	43-127	12	0-26	
1,2-Dibromoethane	102	91	70-130	12	0-30	
1,2-Dichlorobenzene	94	76	40-160	21	0-36	
1,1-Dichloroethene	108	110	16-178	2	0-25	
Ethylbenzene	101	86	70-130	15	0-30	
Toluene	101	91	44-128	10	0-15	
Trichloroethene	173	161	47-131	7	0-19	3
Vinyl Chloride	118	119	29-161	1	0-42	
Methyl-t-Butyl Ether (MTBE)	94	88	42-150	7	0-34	
Tert-Butyl Alcohol (TBA)	87	89	61-109	2	0-47	
Diisopropyl Ether (DIPE)	96	93	73-133	4	0-25	
Ethyl-t-Butyl Ether (ETBE)	92	89	73-132	3	0-25	
Tert-Amyl-Methyl Ether (TAME)	96	89	82-120	8	0-25	
Ethanol	98	96	39-117	2	0-99	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Conestoga-Rovers & Associates
19449 Riverside Drive, Suite 230
Sonoma, CA 95476-6955

Date Received: N/A
Work Order No: 10-03-2150
Preparation: EPA 3050B
Method: EPA 6010B

Project: 2301-2307 Licoln Avenue, Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-13,362	Solid	ICP 5300	03/29/10	03/30/10	100329L02

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Antimony	97	94	80-120	73-127	3	0-20	
Arsenic	96	95	80-120	73-127	1	0-20	
Barium	104	102	80-120	73-127	2	0-20	
Beryllium	95	95	80-120	73-127	0	0-20	
Cadmium	99	97	80-120	73-127	2	0-20	
Chromium	95	94	80-120	73-127	1	0-20	
Cobalt	106	105	80-120	73-127	0	0-20	
Copper	101	100	80-120	73-127	1	0-20	
Lead	104	102	80-120	73-127	2	0-20	
Molybdenum	101	99	80-120	73-127	2	0-20	
Nickel	100	100	80-120	73-127	0	0-20	
Selenium	92	92	80-120	73-127	0	0-20	
Silver	96	95	80-120	73-127	1	0-20	
Thallium	102	101	80-120	73-127	1	0-20	
Vanadium	98	98	80-120	73-127	1	0-20	
Zinc	94	93	80-120	73-127	2	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
19449 Riverside Drive, Suite 230
Sonoma, CA 95476-6955

Date Received:	N/A
Work Order No:	10-03-2150
Preparation:	EPA 3550B
Method:	EPA 8015B

Project: 2301-2307 Licoln Avenue, Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-025-1,001	Solid	GC 43	03/30/10	03/30/10	100330B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	118	105	75-123	11	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
19449 Riverside Drive, Suite 230	Work Order No: 10-03-2150
Sonoma, CA 95476-6955	Preparation: EPA 3550B
	Method: EPA 8015B (M)

Project: 2301-2307 Licoln Avenue, Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-254-1,067	Solid	GC 43	03/30/10	03/30/10	100330B02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	121	126	75-123	3	0-12	X

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Conestoga-Rovers & Associates	Date Received: N/A
19449 Riverside Drive, Suite 230	Work Order No: 10-03-2150
Sonoma, CA 95476-6955	Preparation: EPA 7471A Total
	Method: EPA 7471A

Project: 2301-2307 Licoln Avenue, Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-6,911	Solid	Mercury	03/29/10	03/29/10	100329L04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	103	103	85-121	0	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Conestoga-Rovers & Associates
19449 Riverside Drive, Suite 230
Sonoma, CA 95476-6955

Date Received: N/A
Work Order No: 10-03-2150
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 2301-2307 Licoln Avenue, Alameda, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-896	Solid	GC/MS PP	03/29/10	03/29/10	100329L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	94	96	85-115	80-120	2	0-11	
Carbon Tetrachloride	123	128	68-134	57-145	3	0-14	
Chlorobenzene	97	98	83-119	77-125	1	0-9	
1,2-Dibromoethane	104	101	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	97	97	57-135	44-148	1	0-10	
1,1-Dichloroethene	100	102	72-120	64-128	2	0-10	
Ethylbenzene	98	100	80-120	73-127	2	0-20	
Toluene	97	99	67-127	57-137	2	0-10	
Trichloroethene	95	97	88-112	84-116	2	0-9	
Vinyl Chloride	112	113	57-129	45-141	0	0-16	
Methyl-t-Butyl Ether (MTBE)	98	98	76-124	68-132	0	0-12	
Tert-Butyl Alcohol (TBA)	89	93	31-145	12-164	4	0-23	
Diisopropyl Ether (DIPE)	99	100	74-128	65-137	1	0-10	
Ethyl-t-Butyl Ether (ETBE)	94	95	77-125	69-133	1	0-9	
Tert-Amyl-Methyl Ether (TAME)	97	97	81-123	74-130	0	0-10	
Ethanol	88	90	44-152	26-170	2	0-24	
TPPH	96	96	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: 10-03-2150

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

Shell Oil Products Chain Of Custody Record

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

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

Print Bill To Contact Name: Peter Schafer 060204

INCIDENT # (ENV SERVICES): 97764744 [ ] CHECK IF NO INCIDENT # APPLIES

DATE: 3-25-10

PAGE: 1 of 2

PO #:

SAP #:

SAMPLING COMPANY: Conestoga-Rovers & Associates

LOG CODE: CRAW

SITE ADDRESS: Street and City: 2301-2307 Licoln Avenue, Alameda

State: CA

GLOBAL ID NO.: T0619714590

ADDRESS: 19449 Riverside Drive, Suite 230, Sonoma, California 95476

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: 060204-95-10.06

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

TELEPHONE: 510-420-3319

FAX: 510-420-9170

E-MAIL: pschafer@craworld.com

SAMPLER NAME(S) (Print): Scott Lewis

LAB USE ONLY: 03-2160

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 and Shell.Lab.Billing@craworld.com

Marked TAT except for those contingent tests needed for Aquatic Bioassay determination (5 day TAT or better may apply)

Call composite sample ID and field point name CRA-A

- [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	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)	CAM 17 Metals - Total (6010)	SVOCs (8270C)	VOCs (8260)	PCBs (8082)			Container PID Readings or Laboratory Notes
1	CRA-2A	3/25	0814	SO						1	X	X	X											X	X						Please call
2	CRA-3A	3/25	0914	SO						1	X	X	X											X	X						composite
3	CRA-4A	3/25	0914	SO						1	X	X	X											X	X						sample
																															CRA-A

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Scott Lewis	Sonoma Office	3-25-10	1450
Sonoma Office	Tai O'Malley CEL	3/26/10	1030
CEL 3-26-10 1730	CEL	3/27/10	0900

05/2/06 Revision

2150

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

2150

GSO

<WebShip>>>>>>

800-322-5555 www.gso.com

Ship From:
ALAN KEMP
CAL SCIENCE- CONCORD
5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

Ship To:
SAMPLE RECEIVING
CEL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
$0.00

Reference:
BTS, CRA

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 513832772

SDS

ORC

D

GARDEN GROVE

D92843A

80359516

Print Date : 03/26/10 15:46 PM

Package 1 of 1

Send Label To Printer ☑ Print All Edit Shipment Finish

LABEL INSTRUCTIONS:

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

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.
STEP 2 - Fold this page in half.
STEP 3 - Securely attach this label to your package, do not cover the barcode.
STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Send Label Via Email | Create Return Label

TERMS AND CONDITIONS:

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

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-03-2150

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: CRA

DATE: 03/27/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.6 °C + 0.5 °C (CF) = 3.1 °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: YL

CUSTODY SEALS INTACT:

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

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

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☒	☐	☑
☐ Unpreserved vials received for Volatiles analysis	3/27/10		
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve (2) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na**

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Checked by:**

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** YL

Preservative: **h:** HCL **n:** HNO3 **na$_2$:** $Na_2S_2O_3$ **Na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **znna:** $ZnAc_2$+NaOH **f:** Field-filtered **Scanned by:**

APPENDIX D

WASTE DISPOSAL MANIFEST

TPST Soil Recyclers of CA

12328 Hibiscus Ave. Adelanto, CA 92301

ADE 79174

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professional Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

Manifest Number: A3-5163 Load #: 1

4/22/2010

Generator Site Information:

SHELL OIL - RIPR #83041
2301 - 2307 LINCOLN AVE
SAP#165255 INCNDT#97767044
ALAMEDA, CA 94501

Weighmaster Weighed at:

TPST SOIL RECYCLERS OF CALIFORNIA
12328 HIBISCUS AVE
ADELANTO, CA 92301

D Jeffrey **Time In:** 8:36:12 AM

D Jeffrey **Time out:** 8:36:13 AM

	Lbs	Tons	
Gross Weight:	29800	14.90	Manual Wt
Tare Weight:	28000	14.00	Manual Wt
Net Weight:	1800	0.9	

Truck Number: 534

Trailer Number: 214

Commodity: Non Haz - Solids

Driver on Gross and Tare Transporter: AIS - RIGO

Manifest

TPST Soil Recyclers of CA
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transporter Truck #:	Facility #:	Given by TPST:	Load #
	Transporter		A07	25163	001

Generator and/or Consultant

Generator's Name and Billing Address:	Generator's Phone #:	Generator's US EPA ID No.
Shell Oil Products US One Shell Plaza, 910 Louisiana, Rm 6079 Houston, TX 77002	713-241-7011	
	Person to Contact:	
	FAX#:	Customer Account Number with TPST:

Consultant's Name and Billing Address:	Consultant's Phone #:	
	Person to Contact:	
	FAX#:	Customer Account Number with TPST:

Generation Site (Transport from): *(name & address)*	Site Phone #:	BTEX Levels
Shell Oil Products US RIP# 83041 2301 - 2307 Lincoln Ave. SAP# 165265 Alameda, CA 94501 Incident# 97797044	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): *(name & address)*	Facility Phone #:	Facility Permit Numbers:
TPS Technologies 12500 Hibiscus Rd. Adelanto, CA 92301-1700	(760) 246-8001	
	Person to Contact: Debora Jolley	
	FAX#: (760) 246-8004	

Transporter Name and Mailing Address:	Transporter's Phone #:	Transporter's US EPA ID No.:
American Integrated Services, Inc. P.O. Box 92916 Long Beach, CA 90809-2916	(310) 522-1152	CAR000140533
	Person to Contact: Melynda Barrage	Transporter's DOT No.:
	FAX#: (310) 522-1152	Customer Account Number with TPST: 270405

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	3		79800	39700	40100
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					70

List any exception to items listed above: AES Project # 38000-10 Scale Ticket# 79174

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☐	Signature and date:	Month	Day	Year
AES on behalf of SOPUS - J Sherman		04	14	10

Transporter

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month	Day	Year
[illegible] Valentine		04	14	10

Recycling Facility

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:	Signature and date:

Please print or type.

TRANSPORTER COPY