CONESTOGA-ROVERS & ASSOCIATES

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www.CRAworld.com

TRANSMITTAL

DATE: March 27, 2009

REFERENCE NO.: 241408 (3)

PROJECT NAME: 8930 Bancroft Avenue, Oakland, CA

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

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2:43 pm, Mar 27, 2009
Alameda County
Environmental Health

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QUANTITY	DESCRIPTION
1	Site Investigation Report/Request for Closure

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

COMMENTS:

Copy to: Denis Brown, Shell Oil Products, US
Sidhu Associates, 8930 Bancroft Ave, Oakland, CA, 94605

Completed by: Dennis Baertschi Signed: Dennis Baertschi

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

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

Re: Former Shell Service Station
8930 Bancroft Avenue
Oakland, California
SAP Code 135678
Incident No. 98995742
ACHCSA Case No. RO0000404

Dear Mr. Wickham:

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

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

Sincerely,

Denis L. Brown
Project Manager

SITE INVESTIGATION REPORT/ REQUEST FOR CLOSURE

FORMER SHELL SERVICE STATION
8930 BANCROFT AVENUE
OAKLAND, CALIFORNIA

SAP CODE **135678**
INCIDENT NO. **98995742**
AGENCY NO. **RO 0404**

Prepared by:
Conestoga-Rovers & Associates

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MARCH 27, 2009
REF. NO. 241408 (3)
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TABLE OF CONTENTS

LIST OF FIGURES
(Following Text)

LIST OF TABLES
(Following Text)

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 site investigation activities at the above referenced site. In an effort to address two remaining outstanding items raised by the Alameda County Health Care Services Agency (ACHCSA) in their letter dated August 6, 2008, so as to move this case toward closure, this investigation involved the collection of soil, groundwater, and vapor samples from the vicinity of the former first generation underground storage tanks (UST's) previously located on the northwest side of the site.

Case closure of this site as a low risk fuel site was initially recommended in Cambria Environmental Technology, Inc's (Cambria's) September 28, 2006 *Subsurface Investigation Report*, and was again discussed with ACHCSA during a meeting on March 29, 2007. During this meeting, ACHCSA indicated that the site would be reviewed for closure after a review of the Second Quarter 2007 groundwater monitoring data. This data was presented to ACHCSA in CRA's August 16, 2007 *Groundwater Monitoring Report – Second Quarter 2007 and Request for Closure Consideration*, in which CRA requested that the site continue to be reviewed for closure as a low risk fuel site. ACHCSA responded in an October 12, 2007 letter, in which ACHCSA noted that their files did not contain any information pertaining to the first generation UST's previously located on the northwest side of the site, and that further information was required regarding these former UST's to complete the case closure review. CRA was unable to locate any information related these former UST's except that they were apparently removed from the site in 1983 or 1984. Consequently, to address ACHCSA's request, CRA drilled and sampled three soil borings adjacent to, and within, the cavity of these former UST's for the collection of soil data. The findings of this site investigation were presented to ACHCSA in CRA's July 16, 2008 *Site Investigation Report and Request for Closure*, in which CRA requested that the site continue to be considered for closure as a low risk fuel site.

ACHCSA responded to this closure request in an August 6, 2008 letter in which ACHCSA cited the elevated concentrations of total petroleum hydrocarbons as diesel (TPHd) and total petroleum hydrocarbons as motor oil (TPHmo) reported in the waste characterization sample for the soil borings as the basis for the need for additional site investigation. ACHCSA requested that Shell further characterize the source and extent of these constituents in the vicinity of this former UST cavity and that soil vapor sampling be performed to assess the potential for vapor intrusion from this cavity.

The work was proposed in CRA's October 21, 2008 *Site Investigation and Soil Vapor Sampling Work Plan*, which was approved by ACHCSA in their letter dated

November 14, 2008. The field activities, data, and findings are presented herein. The work was performed in accordance with ACHCSA and San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) guidelines.

This former Shell service station is located at the north corner of the Bancroft Avenue and 90th Avenue intersection in a mixed commercial and residential area of Oakland, California (Figure 1). A review of historic aerial photographs and Sanborn maps performed in 1999 indicated that the site was first developed as a gasoline service station in 1960. The former first generation UST location is along the northwest property boundary (Figure 2). The site layout currently includes a second generation UST complex located near the southern corner of the site, four dispenser islands, and a 24-7 Quick Mart (Figure 2).

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

2.0 EXECUTIVE SUMMARY

- Five soil borings (SB-3, SB-4, SB-5, V-1, and V-2) were drilled from within, and adjacent to the former first generation UST cavity for the collection of soil, groundwater, and vapor samples.
- Impacted soil appears to be confined laterally to the general vicinity of the former cavity, and attenuates vertically with depth to below detection limits.
- Groundwater impacts associated with the former UST cavity attenuate one to three orders of magnitude within 10 to 40 feet for the UST cavity, have not migrated offsite.
- None of the detectable soil vapor concentrations exceed the SFBRWQCB's lowest Environmental Screening Levels (ESL's) for vapor intrusion in residential land use. Vapor concentrations at the site do not pose a threat to human health or the environment.
- No further action appears warranted at the site, and the case should be considered for closure by ACHCSA.

3.0 INVESTIGATION RESULTS

3.1 PERMITS

CRA obtained a drilling permit from the Alameda County Public Works Agency – Water Resources, and a copy is provided in Appendix B.

3.2 DRILLING DATES

February 4, 5, and 6, 2009.

3.3 DRILLING COMPANY

Gregg Drilling and Testing, Inc., of Martinez, California (C57 License No. 485165)

3.4 CRA PERSONNEL

CRA Geologist Carmen Rodriguez directed the drilling activities under the supervision of California Professional Geologist Ana Friel.

3.5 DRILLING METHOD

Air-knife, water-knife, and Geoprobe.

3.6 NUMBER OF BORINGS

Five soil borings (SB-3, SB-4, SB-5, V-1, and V-2) were drilled during this investigation. Soil borings SB-3, SB-4, and SB-5, were drilled at locations adjacent to the former UST cavity for the collection of soil and grab groundwater samples. Soil boring V-1 was drilled within the former UST cavity, and soil boring V-2 was drilled adjacent to the former UST cavity, for the collection of soil, grab groundwater, and soil vapor samples. Soil boring V-2 was relocated from that originally proposed due to constraints posed by a previously unidentified underground utility, and was renamed soil boring SB-5. The boring initially proposed as SB-5 was renamed V-2, so as to collect a soil vapor sample at a location between the former UST cavity and the adjacent residential building located along the northwest property line, which is the nearest sensitive receptor to this site.

CRA's October 21, 2008 work plan had proposed that fixed vapor sampling points be installed in borings V-1 and V-2; however, prior to implementation of the field activities, CRA requested ACHCSA approval to install temporary vapor probes in V-1 and V-2 for the collection of soil vapor samples. The installation of temporary vapor probes at the site was approved by ACHCSA in a phone conversation on January 29, 2009.

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

3.7 BORING DEPTHS

The borings depths ranged from 16 to 20 fbg.

3.8 GROUNDWATER DEPTHS

First-encountered groundwater ranged from approximately 15 to 16 fbg.

3.9 SOIL SAMPLING

Soil samples for chemical analysis were collected from borings SB-3, SB-4, and V-2 at 2, 5, 10, 12, and 15 fbg. Soil samples for chemical analysis were collected from borings SB-5 and V-1 at 2, 5, 10, 12.5, and 16 fbg, and 2, 5, 11, 14.5, and 15.5 fbg, respectively. Each sample was labeled, documented on a chain-of-custody, and submitted to Calscience Environmental Laboratories (Calscience) in Garden Grove, California for analysis.

3.10 GROUNDWATER SAMPLING

Grab groundwater samples for chemical analysis were collected from borings SB-5 and V-1 at 15 to 16 fbg and from borings SB-3, SB-4, and V-2 at 16 to 17 fbg through temporary well casings placed within the open borehole using new disposable bailers. Each sample was labeled, documented on a chain-of-custody, and submitted to Calscience for analysis.

3.11 SOIL VAPOP SAMPLING

3.11.1 TEMPORARY VAPOR PROBE CONSTRUCTION

Soil borings V-1 and V-2 were cleared to 5.0 fbg. Small diameter temporary soil vapor probes, consisting of vapor screens located inside an outer sleeve, were then hydraulically pushed to 6.0 fbg. The outer sleeve was then retracted to expose 3-inches of vapor screen at an interval between 5.75 to 6.0 fbg, Teflon tubing was then attached to the probes and soil vapor samples were immediately collected, as described in the below section.

3.11.2 SOIL VAPOR SAMPLING

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

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

3.12 WASTE DISPOSAL

Three drums of soil and one drum of sludge (soil / water mixture) were generated during field activities and stored in 55-gallon drums onsite. The three drums of soil were sampled and profiled for disposal, and the laboratory analytical report is included in Appendix D. Waste disposal confirmation documentation is pending and can be provided by CRA upon request.

4.0 FINDINGS

4.1 SOIL ANALYTICAL DATA

The soil analytical data is summarized in Table 1, and the TPHg, TPHd, TPHmo, benzene, and MTBE soil analytical results are presented on Figure 3. The laboratory analytical reports are presented in Appendix E.

4.2 GRAB GROUNDWATER ANAYLTICAL DATA

The grab groundwater analytical data is summarized in Table 2, and the TPHg, TPHd, TPHmo, benzene, and MTBE groundwater analytical results are presented on Figure 4. This figure also shows the groundwater results for wells MW-1 through MW-6 performed during the Third Quarter of 2008. Due to the virtual absence of groundwater recharge in soil boring SB-5, there was insufficient groundwater collected to able to analyze this sample for TPHd and TPHmo. The laboratory analytical reports are presented in Appendix E.

4.3 SOIL VAPOR ANALYTICAL DATA

The soil vapor analytical data is summarized in Table 3, and the TPHg, benzene, MTBE, and TBA soil vapor analytical results are presented on Figure 5. The laboratory analytical reports are presented in Appendix E.

5.0 DISCUSSION

The purpose of this investigation was to further characterize the source and extent of TPHd and TPHmo, and other petroleum hydrocarbon constituents in the soils and groundwater in the vicinity of the former first generation UST's, and to assess the potential for vapor intrusion from this former UST cavity. These efforts were performed to address the ACHDEH's specific questions following their continued review of this site for closure.

5.1 SOILS

No detectable concentrations of BTEX or fuel oxygenates were reported for any of the soil samples from this investigation. No detectable concentrations of TPHg, TPHd, or TPHmo were reported for any of the soil samples from boring SB-5. No detectable concentrations of TPHg were reported in borings SB-3 and V-2. Concentrations of TPHg were reported in boring SB-4 at 71 milligrams per kilogram (mg/kg) (at 15 fbg) and in boring V-1 at 1.1 mg/kg (at 11 fbg and 14.5 fbg) and 250 mg/kg (at 15 fbg). The 71 mg/kg TPHg at 15 fbg in SB-4 and the 250 mg/kg TPHg at 15 fbg in V-1 appear to reflect localized impacted groundwater, based on the grab groundwater samples from these locations (discussed in section 5.2, below). Thus, the highest concentration of TPHg in the unsaturated vadose zone soils from this investigation was 1.1 mg/kg in V-1 at 11 and 14.5 fbg.

Concentrations of TPHd and TPHmo were reported at various depths in borings SB-3, SB-4, V-1, and V-2. For all of the samples with detected TPHd results, the laboratory report contained a note stating that the sample chromatographic pattern did not match the chromatographic pattern for the specified standard. This is often the noted for sites where there is very old and highly weathered fuel releases. The maximum TPHd and TPHmo concentrations were both reported in V-1 at 11 fbg at 1,200 mg/kg and 1,700 g/kg, respectively. Based on a review of the boring log for V-1, it appears that this sample depth reflects native soils just beneath the fill material within the former UST cavity. Concentrations of TPHd and TPHmo reported in the borings adjacent to the UST cavity (SB-3, SB-4, and V-2) show decreasing detections that attenuate an order of magnitude laterally, with the exception of the 5 fbg sample in SB-4 which contained TPHmo at 1,100 mg/kg. This indicates that soil impacts appear to be confined to the general vicinity of the former UST cavity. Further, since the TPHd and TPHmo concentrations decrease to below detection limits by the 12 fbg sample in both V-1 and SB-4, the vertical extent of soil impact appears relatively limited as well. Based on the

non-detect results for the samples from 2 and 5 fbg at V-1, it appears that the former UST cavity was not backfilled with significantly impacted soil.

5.2 GROUNDWATER

No detectable concentrations of toluene, TBA, DIPE, ETBE, or TAME were reported in any of the groundwater samples. Benzene was reported in V-1 at 17 micrograms per liter (µg/l), ethylbenzene was reported in SB-4, V-1, and V-2 at a maximum concentration of 230 µg/l, total xylenes were reported in SB-5, V-1, and V-2 at a maximum concentration of 22 µg/l, and MTBE was reported only in SB-5 at a concentration of 1.2 µg/l. Detectable concentrations of TPHg were reported in SB-4, SB-5, V-1, and V-1 at concentrations ranging from 63 µg/l (SB-5) to 110,000 µg/l (SB-4).

Water samples from boring S-5 were not analyzed for TPHd or TPHmo due to insufficient recharge of the aquifer. In the other four borings, detectable concentrations of TPHd were reported ranging from 320 µg/l (SB-3) to 300,000 µg/l (SB-4). As with the soil samples, each of the TPHd detections contained a laboratory note stating that the sample chromatographic pattern did not match the chromatographic pattern for the specified standard. Detectable concentrations of TPHmo were reported in SB-3 and V-2 at concentrations of 1,300 µg/l and 2,100 µg/l, respectively. For SB-4 and V-1, the detection limit for TPHmo was elevated to 12,000 µg/l and 250 µg/l, respectively.

Included on Figure 4 with the grab groundwater results from this investigation are the groundwater monitoring results from the Third Quarter of 2008, which included TPHd and TPHmo in addition to the TPHg, BTEX, and MTBE analyses. The results from the monitoring wells indicate that there is significant attenuation of TPHd and TPHmo within rather short distances. For example, the results from MW-2 did not report any detectable hydrocarbons, although it is located within 5 feet of the former UST cavity, and adjacent to boring V-2. Additionally, MW-6 shows TPHg, TPHd and TPHmo results that are up to 3 orders of magnitude lower than the concentrations at SB-4 located approximately 40 feet upgradient of MW-6. Based on the recent data from the site groundwater monitoring wells, and the consistent groundwater gradient at this site, the data indicates that the groundwater impacts associated with the former UST cavity are confined to the general vicinity of the cavity and attenuate significantly with distance. Given the age of the release from this cavity (over 20 years old), and the limited extent of impact, there does not appear to be a threat to human health or the environment associated with the residual TPHd and TPHmo impacted groundwater at this active service station.

5.3 SOIL VAPOR

Soil vapor samples were collected from vapor probes in borings V-1 and V-2, a duplicate vapor sample was collected from the vapor probe in boring V-2, and an ambient air sample was collected from the vicinity of boring V-1. Concentrations of benzene, toluene, ethylbenzene, and TBA were reported in vapor probes V-1 and V-2. Concentrations of the aforementioned constituents, as well as xylenes were reported in the duplicate sample from V-2. No detectable vapor concentrations of TPHg or MTBE were reported in either V-1 or V-2. As shown in Table 3, none of the vapor concentrations exceed the SFBRWQCB's ESL's for vapor intrusion for either residential and commercial land use [Ref. Table E from SFBRWQCB's *Screening for Environmental Concerns at sites with Contaminated Soil and Groundwater – Interim Final*, November, 2007 (Rev. May, 2008)]. Thus, based on the soil vapor sampling conducted at this site, vapor intrusion does not pose a threat to human health to individuals on the site or to offsite residents by vapor migration.

6.0 CONCLUSIONS

This investigation was performed to address the agency's request for assessment of TPHd and TPHmo in and near the former UST pit and the potential for vapor intrusion in the same area. Based on the results of this investigation, CRA provides the following conclusions:

- TPHd and TPHmo range impacted soils exist beneath and in close proximity of the former UST cavity on the northwestern portion of the site, but are not laterally or vertically extensive.
- Grab groundwater samples indicate elevated concentrations of TPHg, TPHd, and TPHmo beneath and within close proximity of the former UST cavity, but groundwater data from monitoring wells show that significant attenuation occurs within a short distance from the former UST cavity.
- Soil vapor sample results from within the UST cavity (V-1) and between the former USTs and the nearest residence next to the site (V-1) indicate that the residual impacted soil and groundwater do not pose a threat to the health of onsite commercial workers or offsite residents by vapor migration.

7.0 RECOMMENDATIONS

Given the above noted findings and conclusions, in conjunction with the arguments for site closure presented in:

- Cambria's September 28, 2006 Subsurface Investigation Report,
- CRA's August 16, 2007 Groundwater Monitoring Report – Second Quarter 2007 and Request for Closure Consideration, and
- CRA's July 16, 2008 Site Investigation Report and Request for Closure.

On behalf of Shell, CRA is again requesting that the site be considered for closure as a low risk fuel site, and that no further action be required.

Groundwater monitoring at this site has already been discontinued, and upon concurrence from ACHCSA, the monitoring wells will be properly destroyed.

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

Dennis Baertschi

Ana Friel, PG

FIGURES

03/13/09

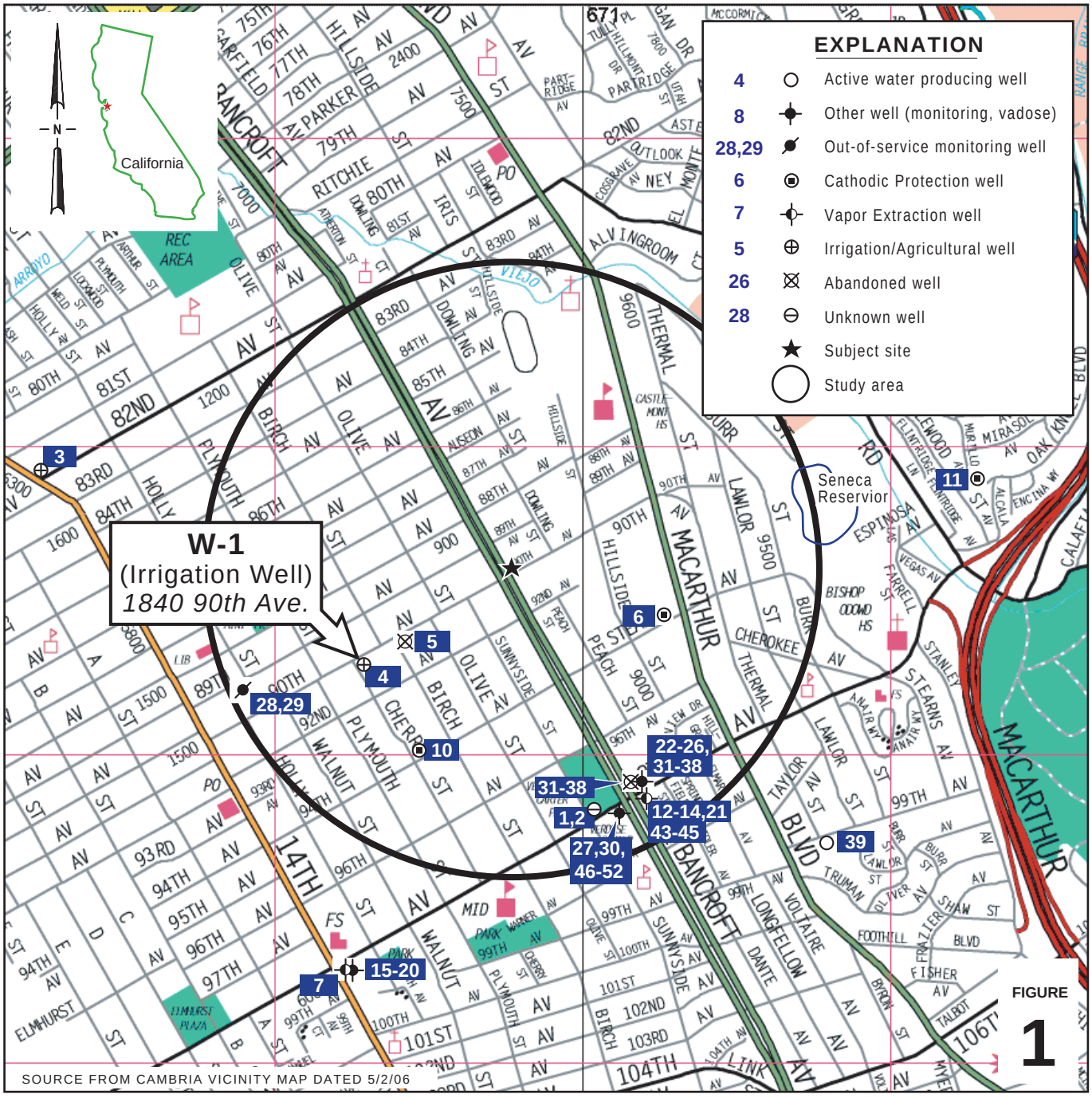

FIGURE 1

0 1/8 1/4 1/2 1

SCALE 1" = 1/4 MILE

241408-F1.AI

Former Shell Service Station

8930 Bancroft Avenue

Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

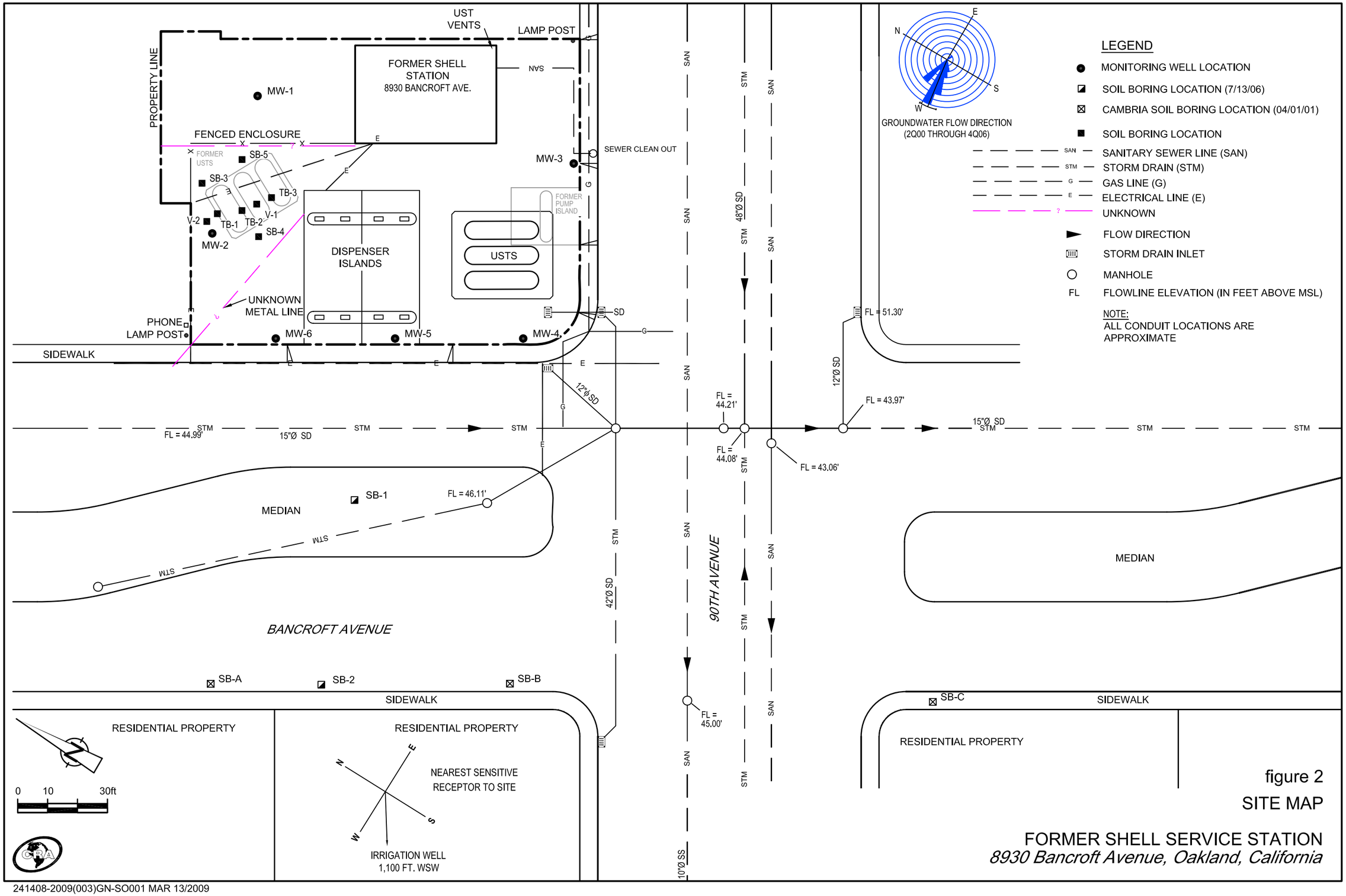

figure 2

SITE MAP

FORMER SHELL SERVICE STATION

8930 Bancroft Avenue, Oakland, California

241408-2009(003)GN-SO001 MAR 13/2009

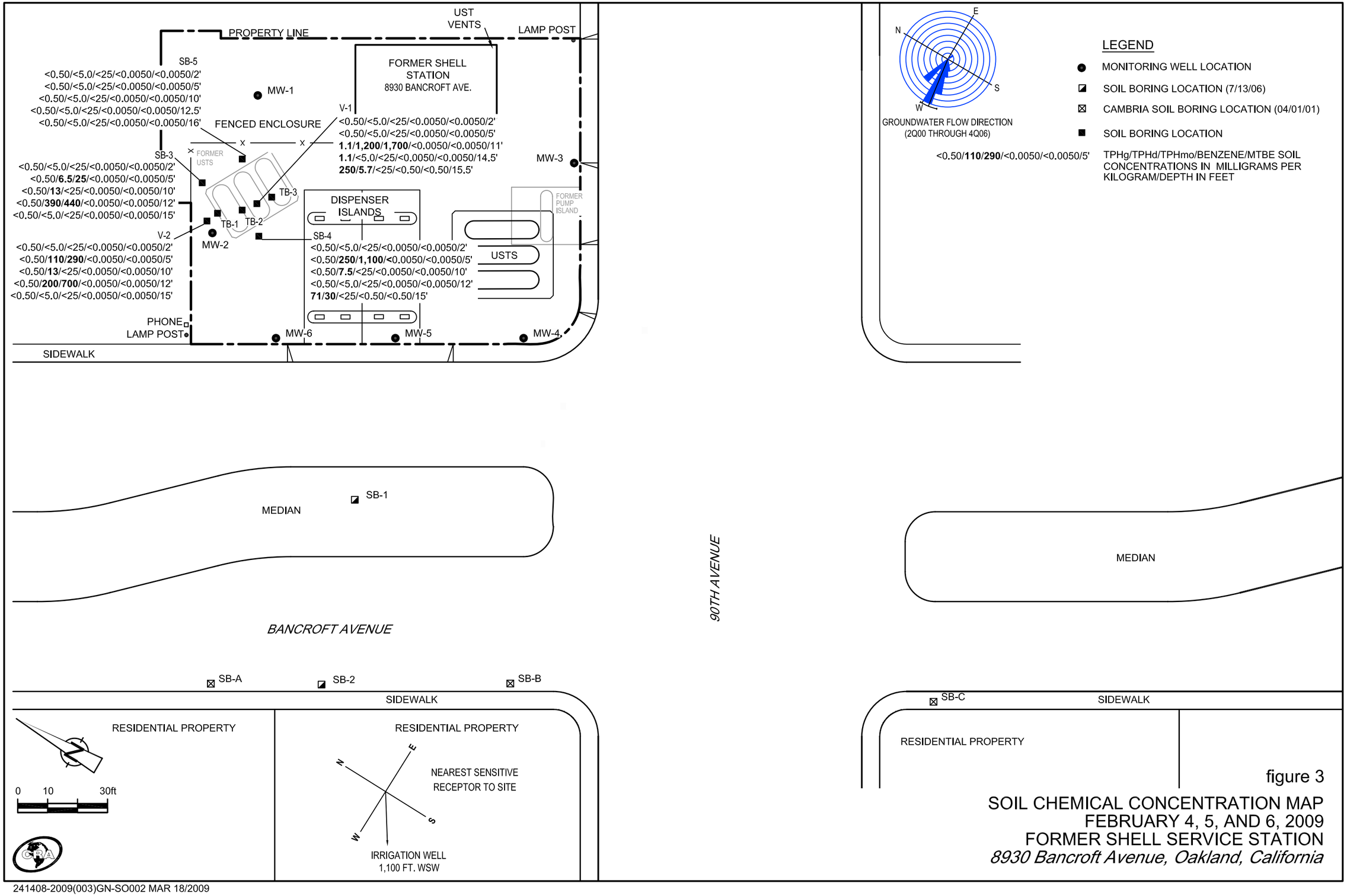

figure 3

SOIL CHEMICAL CONCENTRATION MAP
FEBRUARY 4, 5, AND 6, 2009
FORMER SHELL SERVICE STATION
8930 Bancroft Avenue, Oakland, California

241408-2009(003)GN-SO002 MAR 18/2009

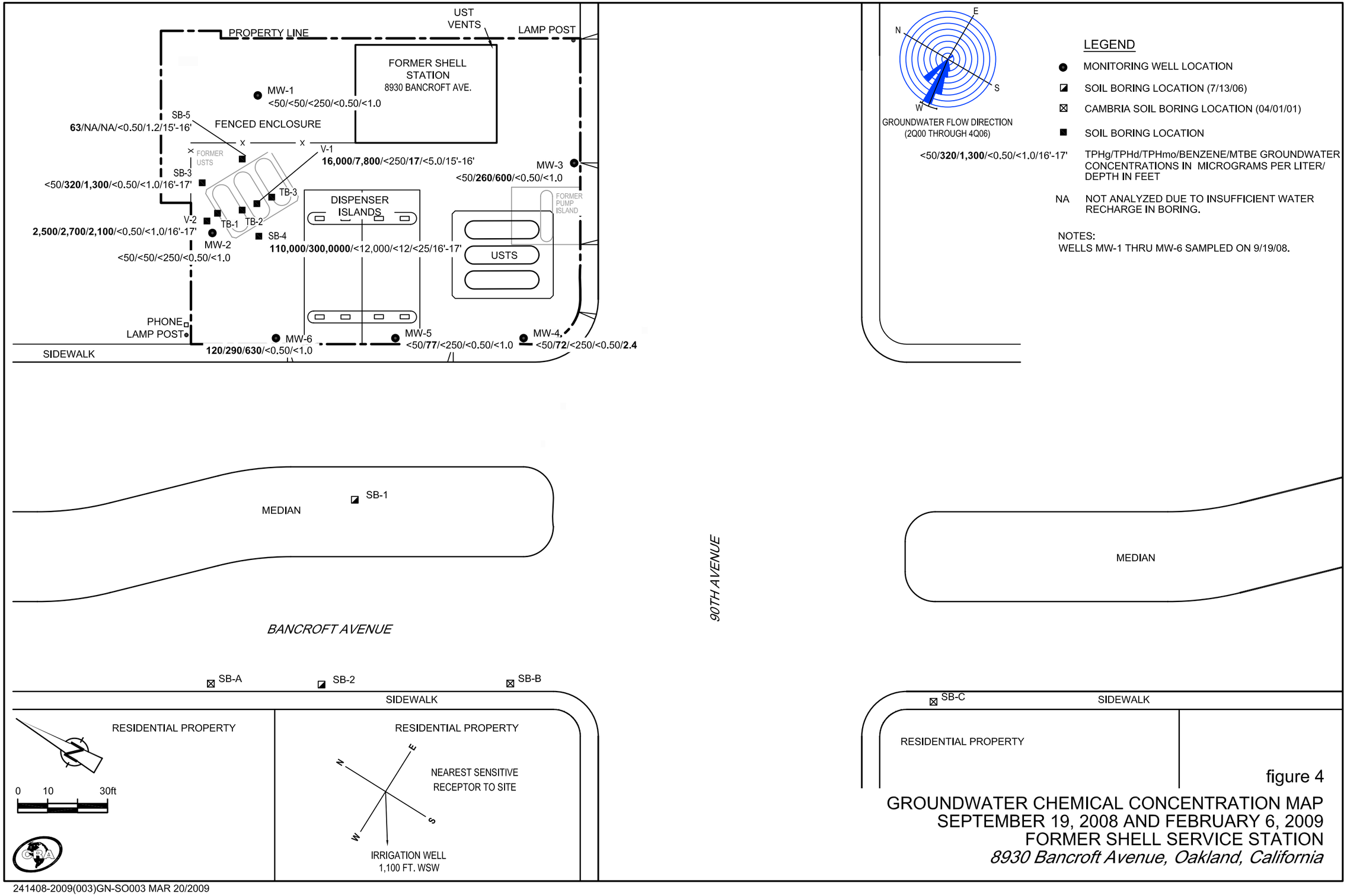

figure 4

GROUNDWATER CHEMICAL CONCENTRATION MAP
SEPTEMBER 19, 2008 AND FEBRUARY 6, 2009
FORMER SHELL SERVICE STATION
8930 Bancroft Avenue, Oakland, California

241408-2009(003)GN-SO003 MAR 20/2009

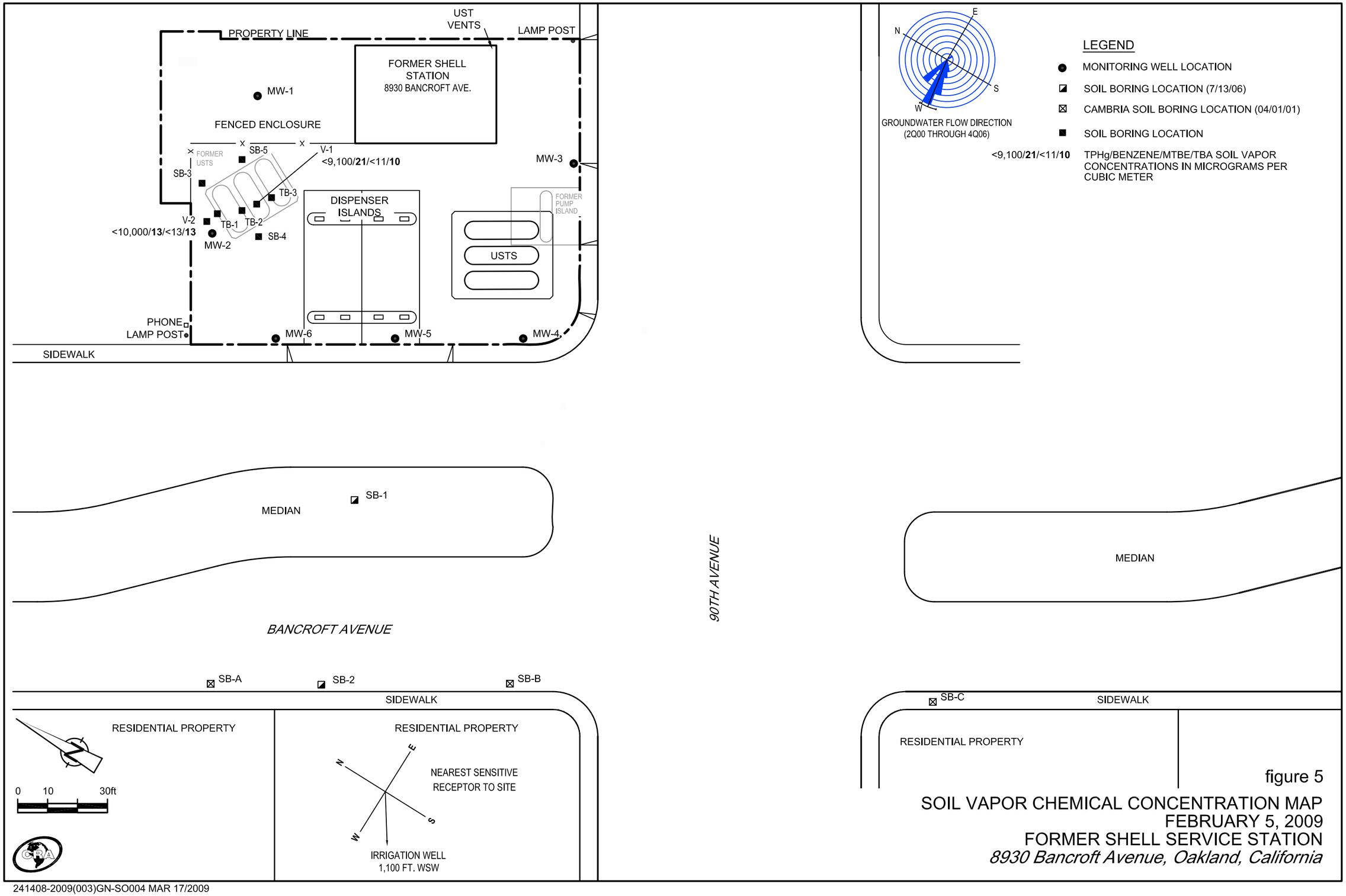

figure 5

SOIL VAPOR CHEMICAL CONCENTRATION MAP
FEBRUARY 5, 2009
FORMER SHELL SERVICE STATION
8930 Bancroft Avenue, Oakland, California

241408-2009(003)GN-SO004 MAR 17/2009

TABLES

TABLE 1

SOIL ANALYTICAL DATA
FORMER SHELL-BRANDED SERVICE STATION
8930 BANCROFT AVENUE
OAKLAND, CALIFORNIA

Sample ID	*Depth (fbg)*	*Date Sampled*	*TPHg (mg/Kg)*	*TPHd (mg/Kg)*	*TPH as Motor Oil (mg/Kg)*	*Benzene (mg/Kg)*	*Toluene (mg/Kg)*	*Ethyl-benzene (mg/Kg)*	*Xylenes (mg/Kg)*	*MTBE (mg/Kg)*	*TBA (mg/Kg)*	*DIPE (mg/Kg)*	*ETBE (mg/Kg)*	*TAME (mg/Kg)*
SB-3	2	2/4/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-3	5	2/6/2009	<0.50	**6.5 a**	**25**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-3	10	2/6/2009	<0.50	**13 a**	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-3	12	2/6/2009	<0.50	**390 a**	**440**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-3	15	2/6/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-4	2	2/4/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-4	5	2/6/2009	<0.50	**250 a**	**1,100**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-4	10	2/6/2009	<0.50	**7.5 a**	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-4	12	2/6/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-4	15	2/6/2009	**71**	**30 a**	<25	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0	<1.0	<1.0
SB-5	2	2/4/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-5	5	2/6/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-5	10	2/6/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-5	12.5	2/6/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-5	16	2/6/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-1	2	2/5/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-1	5	2/5/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-1	11	2/6/2009	**1.1**	**1200 a**	**1,700**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-1	14.5	2/6/2009	**1.1**	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-1	15.5	2/6/2009	**250**	**5.7 a**	<25	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0	<1.0	<1.0
V-2	2	2/4/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-2	5	2/6/2009	<0.50	**110 a**	**290**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-2	10	2/6/2009	<0.50	**13 a**	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-2	12	2/6/2009	<0.50	**200 a**	**700**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-2	15	2/6/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010

SOIL ANALYTICAL DATA
FORMER SHELL-BRANDED SERVICE STATION
8930 BANCROFT AVENUE
OAKLAND, CALIFORNIA

Notes and Abbreviations:

Analytical results in milligrams per kilogram (mg/kg).
TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015.
TPHd = Total petroleum hydrocarbons as diesel by EPA 8015B
TPH as Motor Oil = Total petroleum hydrocarbons as Motor Oil by EPA 8015B (M)
Benzene, toluene, ethylbenzene, and xylenes by EPA Method 8260B
MTBE = Methyl tert-butyl ether by EPA Method 8260B
TBA = Tertiary butyl alcohol by EPA Method 8260B
DIPE = Diisopropyl Ether by EPA 8260B
ETBE = Ethyl tertiary butyl ether by EPA Method 8260B
TAME = Tertiary amyl methyl ether by EPA Method 8260B
a = The sample chromatogrpahic pattern for TPH does not matchthe chromatographic pattern of the specified standard.

TABLE 2

GRAB GROUNDWATER ANALYTICAL DATA
FORMER SHELL-BRANDED SERVICE STATION
8930 BANCROFT AVENUE
OAKLAND, CALIFORNIA

Sample ID	*Depth (fbg)*	*Date Sampled*	*TPHg (µg/L)*	*TPHd (µg/L)*	*TPH as Motor Oil (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethyl-benzene (µg/L)*	*Xylenes (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*
SB-3	16'-17'	2/6/2009	<50	**320 a**	**1,300**	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0
SB-4	16'-17'	2/6/2009	**110,000**	**300,000 a**	<12,000	<12	<25	**84**	<25	<25	<250	<50	<50	<50
SB-5	15'-16'	2/6/2009	**63**	--	--	<0.50	<1.0	<1.0	**1.5**	**1.2**	<10	<2.0	<2.0	<2.0
V-1	15'-16'	2/6/2009	**16,000**	**7,800 a**	<250	**17**	<5.0	**230**	**22**	<5.0	<50	<10	<10	<10
V-2	16'-17'	2/6/2009	**2,500**	**2,700 a**	**2,100**	<0.50	<1.0	**15**	**4.9**	<1.0	<10	<2.0	<2.0	<2.0

Notes and Abbreviations:
Analytical results in micrograms per liter (µg/l).
TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015.
TPHd = Total petroleum hydrocarbons as diesel by EPA 8015B
TPH as Motor Oil = Total petroleum hydrocarbons as Motor Oil by EPA 8015B (M)
Benzene, toluene, ethylbenzene, and xylenes by EPA Method 8260B
MTBE = Methyl tert-butyl ether by EPA Method 8260B
TBA = Tertiary butyl alcohol by EPA Method 8260B
DIPE = Diisopropyl Ether by EPA 8260B
ETBE = Ethyl tertiary butyl ether by EPA Method 8260B
TAME = Tertiary amyl methyl ether by EPA Method 8260B
-- = Not sampled due to insufficient recharge
a = The sample chromatogrpahic pattern for TPH does not matchthe chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon in the sample was based upon the specified standard.

TABLE 3

SOIL VAPOR ANALTYICAL DATA
FORMER SHELL-BRANDED SERVICE STATION
8930 BANCROFT AVENUE
OAKLAND, CALIFORNIA

Sample ID	*Date Sampled*	*TPHg* ($\mu g/m^3$)	*B* ($\mu g/m^3$)	*T* ($\mu g/m^3$)	*E* ($\mu g/m^3$)	*X* ($\mu g/m^3$)	*MTBE* ($\mu g/m^3$)	*TBA* ($\mu g/m^3$)	*Propane* ($\mu g/m^3$)	*Butane* ($\mu g/m^3$)	*Isobutane* ($\mu g/m^3$)
V-1	05-Feb-09	<9,100	**21**	**33**	**5.6**	<14	<11	**10**	**87**	**56**	**37**
V-2	05-Feb-09	<10,000	**13**	**40**	**6.7**	<15	<13	**13**	<47	**42**	**43**
V-2 (Duplicate)	05-Feb-09	<9,900	**14**	**41**	**7.7**	**22**	<12	**26**	<47	**42**	**45**
*Ambient Air	05-Feb-09	<8,600	<2.4	**5.9**	<3.3	<13	<11	<9.1	<41	<18	<18
[1]**SFBRWQCB ESL's**	**Residential Land Use**	10,000	84	63,000	980	21,000	9,400	NA	NA	NA	NA
Shallow Soil Gas	**Commercial Land Use**	29,000	280	180,000	3,300	58,000	31,000	NA	NA	NA	NA

Abbreviations and Notes:

Results in **bold** denote detectable concentrations

$\mu g/m^3$ = micrograms per cubic meter

<x = Not detected at reporting limit x

TPHg = Total petroleum hydrocarbons as gasoline by Modified EPA Method TO-3M

BTEX = Benzene, toluene, ethylbenzene, and xylenes by Modified EPA Method TO-15

MTBE (Methyl tertiary butyl ether), TBA (tertiary butyl alcohol), Propane, Butane, and Isobutane by EPA Method TO-15

* Ambient air sample was collected in the vicinity of soil vapor probe V-1

[1] From Table E of SFBRWQCB ESL's. Ref: Screening for Environmental Concerns at Sites with Contaminated Soil & Groundwater-Interim Final, Nov. 2007 (Rev. May, 2008)

NA = Not available

APPENDIX A

SITE HISTORY

SITE HISTORY

1983-1984 First Generation Underground Storage Tanks (USTs) Removal: Based on a review of available documentation, Conestoga-Rovers & Associates (CRA) was able to determine that sometime in 1983 or 1984, three first generation USTs and associated piping were removed from the northwest side of the site, and were replace with three new second generation USTs in a new UST cavity located along the southeast side of the site.

1983 Well Installation: In May 1983, Gettler Ryan, Inc. of Dublin, California installed groundwater monitoring wells MW-1 through MW-6 at the site. The well installations were in response to reported gasoline-saturated soils discovered by an independent drilling contractor. The wells were completed between 18 and 19 feet below grade (fbg) and constructed of 3-inch-diameter schedule 40 PVC. No soil or groundwater analytical samples were collected during the well installations. A report detailing the well installations is not available for review at the time of this writing.

1998 Well Sampling: In December 1998, Blaine Tech Services, Inc. (Blaine) developed and sampled the six monitoring wells. Based on hydrocarbon and methyl tertiary-butyl ether (MTBE) detections in the groundwater samples, Cambria Environmental Technology, Inc., (Cambria) filed a December 23, 1998 Underground Storage Tank Unauthorized Release (Leak) / Contaminant Site Report (Form 5) on Shell's behalf.

1999 Phase I Environmental Site Assessment: In April 1999, Cambria conducted a limited Phase I environmental assessment and sensitive receptor survey to identify recognized environmental conditions at the site and to identify wells and surface water bodies within a ½-mile radius of the subject property. A review of historical city directories did not identify any facilities within a ¼-mile radius which have a reasonable potential to impact soil or groundwater quality beneath the subject property. The well survey identified 30 wells of various types within ½-mile of the site. The only identified surface water within the ½-mile radius was Viejo Creek, located approximately ½-mile to the north of the site. Cambria's April 16, 1999 *Limited Phase I Environmental Assessment and Sensitive Receptor Survey Report* summarizes these findings.

1999 Underground Storage Tanks (USTs), Piping and Dispenser Replacement Sampling: In July 1999, the three second generation 10,000-gallon fiberglass USTs and associated piping and dispensers were removed and replaced at the site. The three new UST's were placed in the same cavity as those that were removed. Soil samples collected beneath the removed USTs, dispensers, and product piping contained up to 6.20 milligrams per kilogram (mg/kg) MTBE. Following removal activities and

sampling, Shell discontinued operating USTs at the site. Cambria's September 20, 1999 *Underground Storage Tank Closure Report* summarizes these activities.

2000 Well Survey: During the fourth quarter 2000, Shell conducted a well survey to identify potential receptors within ½-mile of the site. This survey was performed using well logs provided by the California Department of Water Resources (DWR). Five wells were identified downgradient of the site and classified as "irrigation/agricultural," "unknown," or "active water producing" wells. As recommended in the November 30, 2000 *Site Investigation Work Plan*, Cambria conducted a field reconnaissance to verify the existence of the five wells. Well locations are plotted on Figure 1. Well #4 was located and observed to be currently in use as an irrigation well. Well #5 and observed to be abandoned. Wells #28 and #29 were located on Pacific Bell property and appear to be out-of-service monitoring wells. Cambria could not locate well #10 using the location information given on the DWR well log. Well #10 is listed as an unknown well with similar owner information and construction details to well #11, which was reported as a cathodic protection well. Based on this information, Cambria believes well #10 is most likely a cathodic protection well. Cambria's November 30, 2000 *Site Investigation Work Plan* reports well survey results.

2000 Conduit Study: In order to determine whether underground utility trenches may be serving as preferential pathways for contaminant migration from the site, Shell conducted a subsurface conduit study of areas adjacent to the site. During the fourth quarter 2000, Cambria obtained local utility maps from the City of Oakland Public Works Department which located storm sewer and sanitary sewer conduits and their flow line elevations in relation to mean sea level (msl). Based on the findings, it appeared that adjacent sewer conduits existed at elevations which, at times, have been near or below the elevation of the on-site groundwater. Cambria concluded that it is possible groundwater had previously flowed in the utility trench backfill material during periods of higher groundwater elevations. Conduit study results were reported in Cambria's November 30, 2000 *Site Investigation Work Plan*.

2001 Subsurface Investigation: In April 2001, Cambria advanced soil borings SB-A, SB-B, and SB-C and collected grab groundwater samples within the public right-of-way, downgradient of the site and across Bancroft Avenue. Groundwater was first encountered at approximately 14 fbg in boring SB-A and SB-B, which is deeper than the 7.28 to 9.07 fbg levels encountered during the March 2001 monitoring event. Groundwater was not encountered in boring SB-C to the total explored depth of 26 fbg. Groundwater samples were collected at 14 to 16 fbg in borings SB-A and SB-B. MTBE was only detected in soil sample SB-B-18.0 at a concentration of 0.055 mg/kg. MTBE was detected only in groundwater sample SB-B-H2O at a concentration of

450 micrograms per liter (µg/l). Details of the well installations were reported in Cambria's August 6, 2001 *Subsurface Investigation Report and Sampling Frequency Reduction Recommendation*.

2001 Well Survey: In August 2001, Cambria performed a door-to-door well survey for properties within 500 feet downgradient of the site, including those northwest, west and southwest of the site. Cambria mailed questionnaires to property owners and followed up with a field reconnaissance of the survey area. Twenty-two of the 42 parcels provided well survey data. Based on the completed survey questionnaires, no water wells were identified within 500 feet downgradient of the site. Details of the well survey were reported in Cambria's September 25, 2001 *Door-to-Door Well Survey Report*.

2004 Irrigation Well Sampling: Cambria's September 25, 2001 *Door-to-Door Well Survey Report* identified one active irrigation well approximately 1,300 feet downgradient of the site. After several attempts by Shell and the ACHCSA to contact the property owner by mail, a response was received from Ms. Wanda Brooks, the contact for the property owner. When Cambria spoke with Ms. Brooks on October 7, 2004, she confirmed that the well was currently being used as a backyard irrigation well, that it was installed in 1980, and that it is approximately 50 feet deep. Ms. Brooks granted verbal permission for Shell to sample water from the well. At Shell's request, Cambria collected one water sample from this well and analyzed it for MTBE on November 10, 2004. MTBE was not detected.

2006 Subsurface Investigation: In a January 12, 2006 email to ACHCSA, Cambria requested that the site be reviewed for closure based on the low level to mostly non-detectable concentrations of chemicals of concern in the groundwater at the site at that time, and ACHCSA agreed in a response email. Closure of the site was subsequently discussed during a February 2, 2006 meeting with ACHCSA, at which time ACHCSA stated that additional information was necessary before the case could be reviewed for closure. Specifically, ACHCSA requested that Shell investigate the offsite extent of impacted groundwater downgradient of the site. Two offsite soil borings (SB-1 and SB-2) were drilled in July of 2006, but the collection of a groundwater sample from either of these two borings was unsuccessful due to lack of groundwater recharge in either boring. The field activities associated with these offsite borings was documented in Cambria's September 28, 2006 *Subsurface Investigation Report*, in which an argument was presented by Cambria that, because the results of the downgradient borings drilled in 2001 (SB-A and SB-B) support that the MTBE plume had not migrated across Bancroft in significant concentrations, that further offsite assessment of TPHg or BTEX was not necessary because:

- Onsite concentrations have significantly declined over the past two years and are currently below detection limits;
- The water-bearing formation appears to pinch out or dry out in the downgradient direction, at least seasonally;
- If the MTBE plume did not travel significantly across Bancroft (circa 2001), it is less likely that TPHg or BTEX would be able to migrate significantly away from its' source area.

Consequently, Cambria requested that the site should be reviewed for closure as a low risk fuel site.

Second Quarter 2007 Groundwater Monitoring Report: Case closure of this site was again discussed with ACHCSA during a meeting on March 29, 2007, during which ACHCSA indicated that the site would be reviewed for closure after receipt of the Second Quarter 2007 groundwater monitoring data, and that the groundwater monitoring program for the site could be discontinued after the Second Quarter 2007 event, while the site was being reviewed for closure. The Second Quarter 2007 groundwater monitoring data was presented to ACHCSA in CRA's August 16, 2007 *Groundwater Monitoring Report – Second Quarter 2007 and Request for Closure Consideration*, in which CRA requested that the site continue to be reviewed for closure as a low risk fuel site. ACHCSA responded to this request in an October 12, 2007 letter, in which ACHCSA noted that they had performed a complete review of all the information in the case files, but that further information was required regarding the former first generation UST's, and the extent of any contamination in the area of these former USTs, to complete the case closure review.

2008 Subsurface Investigation: To address ACHCSA's above noted request for additional regarding the former first generation UST's, and the extent of any contamination in the area of these former USTs, CRA reviewed all available internal files, all available Shell files, and the City of Oakland Fire Department files for information related to this request. CRA was not able to locate any relevant information pertaining to the removal of these former UST's, other than that they were apparently removed from the site in 1983 or 1984. To address ACHCSA request, in June of 2008 CRA installed three soil borings (TB-1, TB-2, and TB-3) within, and adjacent to, the cavity of the former first generation UST's to collect soil samples to determine the extent (if any) of soil contamination in the area of these former USTs. With the exception of the 310 and 52 mg/kg total petroleum hydrocarbons as gasoline (TPHg) reported in TB-2 at 10.5 and 13.5 fbg, respectively, and the 440 and 5.4 mg/kg TPHg reported in TB-2 at 10.5 and 13.5 fbg, respectively, none of the soil samples collected from any of the three borings reported any detectable petroleum hydrocarbon concentrations above their respective detection limits. Concentrations of TPHg reported in TB-2 and TB-3

attenuated one to two orders of magnitude with depth. Further, the concentrations of TPHg reported in TB-2 and TB-3 at 13.5 fbg, at just above soil groundwater interface, did not exceed the lowest environmental screening level (ESL) of 83 mg/kg established for deeper soils at sites where groundwater is a current or potential source of drinking water, and therefore do not pose at threat to the groundwater at this site. Consequently, CRA concluded that the site meets the low risk fuel site case closure criteria and should be considered for closure and no further action. The details of this site investigation were reported in CRA's July 16, 2008 *Site Investigation and Request for Closure.* ACHCSA responded to this document in a letter dated letter dated August 6, 2008. In this letter, citing elevated concentrations of total petroleum hydrocarbons as diesel (TPHd) and total petroleum hydrocarbons as motor oil (TPHmo) reported in the waste characterization sample for soil borings TB-1, TB-2, and TB-3, ACHCSA requested a work plan to further characterize the source and extent of these constituents in the vicinity of this former UST cavity. In addition, citing that the soil borings where cleared to 10 feet below grade (fbg) via air knife or water knife, and that no shallow soil samples were collected from this former UST cavity for analysis of volatile organic compounds, ACHCSA requested that the work plan also include soil vapor sampling to assess the potential for vapor intrusion from this former UST cavity. To further evaluate if concentrations of TPHd and TPHmo where impacting site groundwater, groundwater samples from the site wells were analyzed for TPHd and TPHmo during a one-time sample event performed during the Third Quarter of 2008. The findings of this monitoring event are provided in the *Historical Groundwater Monitoring Program* section presented below.

Historical Groundwater Monitoring Program: Quarterly groundwater monitoring has been performed at the site since January 1998, and as previously noted, was discontinued after the Second Quarter 2007 groundwater monitoring event. Depth to water has ranged historically between 5.93 and 16.02 fbg, and the groundwater flow direction typically has a westerly flow.

As noted in the prior section, a one-time groundwater monitoring event was performed at the site during the Third Quarter of 2008, and analysis for TPHd and TPHmo was added to the analytical suite. The Third Quarter 2008 groundwater monitoring event involved the sampling of all six site wells for TPHg, benzene, ethylbenzene, toluene, xylenes (BTEX), MTBE, tertiary butyl alcohol (TBA), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), and tertiary amyl methyl ether (TAME). With the exception of 120 µg/l TPHg reported in well MW-5, and 2.4 µg/l MTBE reported in well MW-4, none of the above-referenced constituents were detected in any of the wells. TPHd was detected in four of the wells (MW-3, MW-4, MW-5, and MW-6) with concentrations ranging from 72 to 290 µg/l. TPHmo was detected in two of the wells (MW-3 and

MW-6) at concentrations of 600 and 630 µg/l, respectively. Well MW-2, located immediately adjacent to, and downgradient from the former first generation UST's discussed in prior sections above, did not report any detectable concentrations of TPHg, TPHd, TPHmo, BTEX, MTBE, TBA, DIPE, ETBE or TAME.

APPENDIX B

PERMITS

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: 01/23/2009 By jamesy

Permit Numbers: W2009-0044 to W2009-0045
Permits Valid from 02/04/2009 to 02/06/2009

Application Id: 1231353945817 **City of Project Site:** Oakland
Site Location: 8930 Bancroft Avenue - Former Shell-branded Service Station
Project Start Date: 02/04/2009 **Completion Date:** 02/06/2009
Assigned Inspector: Contact Vicky Hamlin at (510) 670-5443 or vickyh@acpwa.org

Applicant:	Conestoga-Rovers & Associates - Carmen Rodriguez 5900 Hollis St., Suite A, Emeryville, CA 94608	**Phone:** 510-420-3371
Property Owner:	Sid Sidhn 8930 Bancroft Ave., Oakland, CA 94605	**Phone:** 510-366-5796
Client:	Denis Brown Shell Oil Products US 20945 S. Wilmington Ave., Carson, CA 90810	**Phone:** 707-865-0251
Contact:	same as above	**Phone:** -- **Cell:** --

Total Due: $460.00
Receipt Number: WR2009-0024 **Total Amount Paid:** $460.00
Payer Name : Conestoga-Rovers & Associates Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 3 Boreholes
Driller: Gregg Drilling and Testing - Lic #: 485165 - Method: hstem **Work Total: $230.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2009-0044	01/23/2009	05/05/2009	3	8.00 in.	15.00 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. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

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.

Remediation Well Construction-Vapor Remediation Well - 2 Wells
Driller: Gregg Drilling - Lic #: 485165 - Method: DP **Work Total: $230.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2009-0045	01/23/2009	05/05/2009	V-1	1.00 in.	1.00 in.	5.00 ft	15.00 ft
W2009-0045	01/23/2009	05/05/2009	V-2	1.00 in.	1.00 in.	5.00 ft	15.00 ft

Specific Work Permit Conditions

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

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

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

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

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

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

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

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

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

APPENDIX C

BORING LOGS

Boring/Well Log Legend

KEY TO SYMBOLS/ABBREVIATIONS

- First encountered groundwater
- Static groundwater
- Soils logged by hand-auger or air-knife cuttings
- Soils logged by drill cuttings or disturbed sample
- Undisturbed soil sample interval
- Soil sample retained for submittal to analytical laboratory
- No recovery within interval
- Hydropunch or vapor sample screen interval

PID = Photo-ionization detector or organic vapor meter reading in parts per million (ppm)

fbg = Feet below grade

Blow Counts = Number of blows required to drive a California-modified split-spoon sampler using a 140-pound hammer falling freely 30 inches, recorded per 6-inch interval of a total 18-inch sample interval

(10YR 4/4) = Soil color according to Munsell Soil Color Charts

msl = Mean sea level

Soils logged according to the USCS.

UNIFIED SOILS CLASSIFICATION SYSTEM (USCS) SUMMARY

Major Divisions			Graphic	Group Symbol	Typical Description
Coarse-Grained Soils (>50% Sands and/or Gravels)	Gravel and Gravelly Soils	Clean Gravels (≤5% fines)		GW	Well-graded gravels, gravel-sand mixtures, little or no fines
				GP	Poorly-graded gravels, gravel-sand mixtures, little or no fines
		Gravels with Fines (≥15% fines)		GM	Silty gravels, gravel-sand-silt mixtures
				GC	Clayey gravels, gravel-sand-clay mixtures
	Sand and Sandy Soils	Clean Sands (≤5% fines)		SW	Well-graded sands, gravelly sands, little or no fines
				SP	Poorly-graded sands, gravelly sand, little or no fines
		Sands with Fines (≥15% fines)		SM	Silty sands, sand-silt mixtures
				SC	Clayey sands, sand-clay mixtures
Fine-Grained Soils (>50% Silts and/or Clays)	Silts and Clays			ML	Inorganic silts, very fine sands, silty or clayey fine sands, clayey silts with slight plasticity
				CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
				OL	Organic silts and organic silty clays of low plasticity
	Silts and Clays			MH	Inorganic silts, micaceous or diatomaceous fine sand or silty soils
				CH	Inorganic clays of high plasticity
				OH	Organic clays of medium to high plasticity, organic silts
Highly Organic Soils				PT	Peat, humus, swamp soils with high organic contents

M:\Templates & Forms\Boring Logs\Boring Log Legend

CONESTOGA-ROVERS & ASSOCIATES

Conestoga-Rovers & Associates
19449 Riverside Drive, Suite 230
Sonoma, CA 95476
Telephone: 707-935-4850
Fax: 707-935-6649

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-3
JOB/SITE NAME	Former Shell Service Station	**DRILLING STARTED**	04-Feb-09
LOCATION	8930 Bancroft Avenue, Oakland, California	**DRILLING COMPLETED**	06-Feb-09
PROJECT NUMBER	241408-2009	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	C. Rodriquez	**DEPTH TO WATER (First Encountered)**	16.0 ft (06-Feb-09) ▽
REVIEWED BY	A. Friel, PG 6452	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	North corner of former UST pit.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0	ASPHALT		**ASPHALT**	0.5	
0.2		SB-3-2					**SILT with Sand (ML)**; very dark grayish brown (2.5Y 3/2); dry; 10% clay, 70% silt, 15% medium sand, 5% fine gravel; low plasticity. @1' - dry; 10% clay, 75% silt, 15% fine to medium sand; low plasticity.		
0.4		SB-3-5		5	ML		@5' - dry; 20% clay, 80% silt; low plasticity.		
							@9' - dark yellowish brown (10YR 4/4).		
0.0		SB-3-10		10					Portland Type I/II
		SB-3-12						13.0	
		SB-3-15		15	GC		**Clayey GRAVEL with Sand and Silt (GC)**; dry; 20% clay, 20% silt, 20% fine to coarse sand, 40% fine gravel.		
		SB-3-16-17 W					▽	16.0	
					ML		**Clayey SILT (ML)**; moist to wet; 30% clay, 70% silt; medium plasticity. @17' - **Sandy SILT with Gravel (ML)**; moist; 10% clay, 45% silt, 25% fine to coarse sand, 20% fine gravel; low plasticity. @18' - yellowish brown (10YR 5/6). @19' - dry; 90% silt, 10% medium to fine sand; low plasticity.	20.0	Bottom of Boring @ 20 ft
				20					
				25					
				30					
				35					

WELL LOG (PID) I:\SONOMA.SHELL\6-CHARS\2414--\241408-OAKLAND 8930 BANCROFT\241408-GINT LOGS\241408-8930 BANCROFT.GPJ DEFAULT.GDT 3/24/09

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19449 Riverside Drive, Suite 230
Sonoma, CA 95476
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Fax: 707-935-6649

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-4
JOB/SITE NAME	Former Shell Service Station	**DRILLING STARTED**	04-Feb-09
LOCATION	8930 Bancroft Avenue, Oakland, California	**DRILLING COMPLETED**	06-Feb-09
PROJECT NUMBER	241408-2009	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	C. Rodriquez	**DEPTH TO WATER (First Encountered)**	16.0 ft (06-Feb-09) ▽
REVIEWED BY	A. Friel, PG 6452	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	South of former UST pit.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					ASPHALT		**ASPHALT**	0.3	
0.0		SB-4-2					**Sandy SILT (ML)**; dark olive brown (2.5Y 3/3); dry; 10% clay, 50% silt, 30% fine to coarse sand, 10% fine gravel; low plasticity.		
							@.5' - **SILT with Sand (ML)**; dry; 20% clay, 65% silt, 15% sand; low plasticity.		
							@2' - **SILT with trace of fine gravel (ML)**; dry; 15% clay, 85% silt; low plasticity.		
0.8		SB-4-5		5			@5' - brown (10YR 4/3); dry; 15% clay, 80% silt, 5% fine gravel; low plasticity.		
					ML				
							@9' - dark yellowish brown (10YR 4/4); dry; 20% clay, 80% silt, medium plasticity.		
0.1		SB-4-10		10					Portland Type I/II
0.5							@11' - olive brown (2.5Y 4/3).		
0.2		SB-4-12					@12' - stiff clayey SILT; dark greenish gray (10Y 4/1).	13.0	
					GC		**Clayey GRAVEL with Sand (GC)**; moist; 20% clay, 10% silt, 30% fine to coase sand, 40% fine to coase gravel.		
87.5		SB-4-15 SB-4-16-17 W		15			▽	16.0	
					ML		**Sandy SILT with Gravel (ML)**; wet; 10% clay, 45% silt, 25% sand, 20% fine gravel; low plasticity.		
							@19' - yellowish brown (10YR 5/6).	20.0	
10.7				20					Bottom of Boring @ 20 ft
				25					
				30					
				35					

WELL LOG (PID) I:\SONOMA.SHELL\6-CHARS\2414--\241408-OAKLAND 8930 BANCROFT\241408-GINT LOGS\241408-8930 BANCROFT.GPJ DEFAULT.GDT 3/24/09

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-5
JOB/SITE NAME	Former Shell Service Station	**DRILLING STARTED**	04-Feb-09
LOCATION	8930 Bancroft Avenue, Oakland, California	**DRILLING COMPLETED**	06-Feb-09
PROJECT NUMBER	241408-2009	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	C. Rodriquez	**DEPTH TO WATER (First Encountered)**	16.0 ft (06-Feb-09) ▽
REVIEWED BY	A. Friel, PG 6452	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	East NE of former UST pit.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					ASPHALT		**ASPHALT**	0.3	
4.6		SB-5-2					**SILT with Sand (ML)**; very dark grayish brown (2.5Y 3/2); dry; 10% clay, 55% silt, 15% medium sand, 20% gravel (some large cobbles, 4 in. long, subangular); low plasticity. @1' - brown (7.5YR 4/4); dry; 10% clay, 70% silt, 15% medium sand, 5% fine gravel; low plasticity.		
0.1		SB-5-5		5	ML		@5' - dry, 10% clay, 65% silt, 20% fine to coarse sand, 5% fine gravel; low plasticity.		
		SB-5-10		10			@9' - dry; 10% clay, 65% silt, 15% fine to coarse sand: low plasticity. @11' - dark greenish gray (5GY 3/1).		◄ Portland Type I/II
0.1		SB-5-12					@12' - **SILT (ML)**; brown (7.5YR 4/4); moist; 100% silt. @12.5' - **SILT with Gravel (ML)**; olive gray (5Y 4/2); moist to wet; 25% clay, 60% silt, 15% fine gravel; low plasticity.	14.0	
0.0		SB-5-15-16 W SB-5-16		15	GC		@13' - black staining. **Clayey GRAVEL with Sand (GC)**; moist; 20% clay, 20% silt, 20% fine to coarse sand, 40% fine gravel. ▽	16.5	
					SP-SM		**SAND with Silt and Gravel (SP-SM)**; brown (10YR 4/3); dry to moist; 10% silt, 90% medium sand. @17.5' - dry to moist; 20% clay, 20% silt, 40% fine to coarse sand, 30% fine to coarse gravel. @18' - olive brown (2.5Y 4/3); dry to moist; 70% silt, 30% fine to medium sand; low plasticity. @19' - dark yellowish brown (10YR 4/6); dry to moist; 10% clay, 20% silt, 30% fine to coarse sand, 40% fine gravel.	20.0	Bottom of Boring @ 20 ft
				20					
				25					
				30					
				35					

WELL LOG (PID) I:\SONOMA.SHELL\6-CHARS\2414--\241408-OAKLAND 8930 BANCROFT\241408-GINT LOGS\241408-8930 BANCROFT.GPJ DEFAULT.GDT 3/24/09

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	V-1
JOB/SITE NAME	Former Shell Service Station	**DRILLING STARTED**	05-Feb-09
LOCATION	8930 Bancroft Avenue, Oakland, California	**DRILLING COMPLETED**	06-Feb-09
PROJECT NUMBER	241408-2009	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	C. Rodriquez	**DEPTH TO WATER (First Encountered)**	15.0 ft (06-Feb-09) ▽
REVIEWED BY	A. Friel, PG 6452	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	In former UST pit.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					ASPHALT		**ASPHALT**	0.4	
0.5		V-1-2					**SILT (ML)**; brown (10YR 4/3); dry; 15% clay 75% silt, 10% gravel (with subangular gravel up to 3" long); low plasticity. @2' - dry; 20% clay, 65% silt, 15% gravel. @3' - **SILT with Sand and Gravel (ML)**; dry; 45% silt, 30% fine to coarse sand, 25% gravel (with gravel up to 3" dia, angular).		
0.2		V-1-5		5	FILL		@5' - **SILT (ML)**; dark brown (10YR 3/3); dry; 20% clay, 70% silt, 10% fine to coarse sand (concrete chunks throughout); low plasticity.		◄ Portland Type I/II
				10			@ 10' - trace of gravel.	11.0	
69.5		V-1-11			ML		**SILT (ML)**; dark brown (10YR 3/3); moist; 25% clay, 75% silt; medium plasticity. @12 - **SILT with Sand (ML)**; moist; 25% clay, 60% silt, 10% medium sand, 5% fine gravel; medium plasticity.	13.0	
		V-1-14.5			GC		**Clayey GRAVEL with Sand (GC)**; moist; 20% clay, 15% silt, 25% fine to coarse sand, 40% fine gravel. ▽		
238		V-1-15-16 W V-1-15.5		15			@15' - moist to wet.	16.0	Bottom of Boring @ 16 ft
				20					
				25					
				30					
				35					

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	V-2
JOB/SITE NAME	Former Shell Service Station	**DRILLING STARTED**	04-Feb-09
LOCATION	8930 Bancroft Avenue, Oakland, California	**DRILLING COMPLETED**	06-Feb-09
PROJECT NUMBER	241408-2009	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	C. Rodriquez	**DEPTH TO WATER (First Encountered)**	16.0 ft (06-Feb-09) ▽
REVIEWED BY	A. Friel, PG 6452	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	West of former UST pit.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					ASPHALT		**ASPHALT**	0.5	
0.0		V-2-2					**SILT (ML)**; very dark grayish brown (2.5Y 3/2); dry; 20% clay, 70% silt, 10% medium sand; low plasticity. @1.5' - **SILT with Sand (ML)**; dark brown (10YR 3/3); dry; 10% clay, 70% silt, 25% fine to coarse sand; low plasticity. @3' - 10% clay, 75% silt, 15% fine to coarse sand.		
		V-2-5		5			@5' - **SILT (ML)**; dark yellowish brown (10YR 3/4); dry; 20% clay, 70% silt, 10% fine gravel: low plasticity.		
					ML				Portland Type I/II
0.0		V-2-10		10			@10' - dark olive gray (5Y 3/2).		
0.0		V-2-12							
							@13' - olive gray (5Y 4/2); dry to moist; 25% clay, 75% silt; medium plasticity.	14.0	
0.6		V-2-15		15	GC		**Clayey GRAVEL with Sand (GC)**; dry; 20% clay, 15% silt, 25% fine to coarse sand; 40% fine gravel.	▽ 16.0	
		V-2-16-17 W			ML		**SILT (ML)**; olive brown (2.5Y 4/3); moist; 40% clay, 60% silt; medium plasticity.	17.0	
					GC		**Clayey GRAVEL with Sand (GC)**; dark greenish gray (10Y 4/1); moist; 10% clay, 20% silt, 30% fine to coarse sand, 40% fine gravel; low plasticity.	18.0	
				20					Bottom of Boring @ 18 ft
				25					
				30					
				35					

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APPENDIX D

DISPOSAL

Calscience
Environmental
Laboratories, Inc.

February 24, 2009

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

Subject: **Calscience Work Order No.: 09-02-0950**
Client Reference: 8930 Bancroft Ave., Oakland, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 2/10/2009 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

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

Sincerely,

Philip Hamelle for

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 02/10/09
Work Order No: 09-02-0950
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-A	**09-02-0950-4-A**	**02/06/09 16:00**	**Solid**	**ICP 5300**	**02/10/09**	**02/12/09 00:12**	**090210L02**

Comment(s): -Mercury was analyzed on 2/10/2009 5:30:00 PM with batch 090210L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.0885	0.0835	1	
Arsenic	7.71	0.750	1		Molybdenum	ND	0.250	1	
Barium	162	0.500	1		Nickel	42.1	0.250	1	
Beryllium	0.625	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	49.6	0.250	1		Thallium	ND	0.750	1	
Cobalt	12.5	0.250	1		Vanadium	57.9	0.250	1	
Copper	32.0	0.500	1		Zinc	54.1	1.00	1	
Lead	8.80	0.500	1						

Method Blank	**099-04-007-6,121**	**N/A**	**Solid**	**Mercury**	**02/10/09**	**02/10/09 16:18**	**090210L03**

Parameter	Result	RL	DF	Qual
Mercury	ND	0.0835	1	

Method Blank	**097-01-002-12,056**	**N/A**	**Solid**	**ICP 5300**	**02/10/09**	**02/11/09 23:39**	**090210L02**

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

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received:	02/10/09
19449 Riverside Drive, Suite 230	Work Order No:	09-02-0950
Sonoma, CA 95476-6955	Preparation:	EPA 3550B
	Method:	EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-A	**09-02-0950-4-A**	**02/06/09 16:00**	**Solid**	**GC 48**	**02/10/09**	**02/10/09 22:49**	**090210B06**

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	24	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	112	61-145	

Method Blank	**099-12-025-623**	**N/A**	**Solid**	**GC 48**	**02/10/09**	**02/10/09 19:21**	**090210B06**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	116	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:	02/10/09
Work Order No:	09-02-0950
Preparation:	EPA 3550B
Method:	EPA 8015B (M)

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-A	**09-02-0950-4-A**	**02/06/09 16:00**	**Solid**	**GC 48**	**02/10/09**	**02/10/09 22:49**	**090210B07**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	33	25	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	112	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-254-678**	**N/A**	**Solid**	**GC 48**	**02/10/09**	**02/10/09 19:21**	**090210B07**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	116	61-145	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates		Date Received:	02/10/09
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0950
Sonoma, CA 95476-6955		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	mg/kg

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CRA-A	**09-02-0950-4-A**	**02/06/09 16:00**	**Solid**	**GC/MS UU**	**02/17/09**	**02/18/09 05:31**	**090217L02**

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	101	73-139		1,2-Dichloroethane-d4	109	73-145	
Toluene-d8	100	90-108		1,4-Bromofluorobenzene	95	71-113	
Toluene-d8-TPPH	99	88-112					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-281**	**N/A**	**Solid**	**GC/MS UU**	**02/17/09**	**02/18/09 01:27**	**090217L02**

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	73-139		1,2-Dichloroethane-d4	115	73-145	
Toluene-d8	100	90-108		1,4-Bromofluorobenzene	91	71-113	
Toluene-d8-TPPH	99	88-112					

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 02/10/09
Work Order No: 09-02-0950
Preparation: EPA 3050B
Method: EPA 6010B

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-02-0927-5	**Solid**	**ICP 5300**	**02/10/09**	**02/11/09**	**090210S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	37	33	50-115	11	0-20	3
Arsenic	100	104	75-125	3	0-20	
Barium	75	119	75-125	9	0-20	
Beryllium	103	105	75-125	2	0-20	
Cadmium	102	103	75-125	2	0-20	
Chromium	99	130	75-125	17	0-20	3
Cobalt	102	109	75-125	5	0-20	
Copper	104	116	75-125	7	0-20	
Lead	113	103	75-125	7	0-20	
Molybdenum	105	108	75-125	3	0-20	
Nickel	96	106	75-125	7	0-20	
Selenium	99	101	75-125	2	0-20	
Silver	110	110	75-125	0	0-20	
Thallium	85	79	75-125	8	0-20	
Vanadium	93	109	75-125	8	0-20	
Zinc	92	172	75-125	23	0-20	4,3

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates		Date Received:	02/10/09
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0950
Sonoma, CA 95476-6955		Preparation:	EPA 3550B
		Method:	EPA 8015B

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-02-0805-21	**Solid**	**GC 48**	**02/10/09**	**02/10/09**	**090210S06**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	115	109	64-130	4	0-15	

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: 02/10/09
Work Order No: 09-02-0950
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-02-0805-21	**Solid**	**GC 48**	**02/10/09**	**02/10/09**	**090210S07**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	103	107	64-130	4	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates	Date Received:	02/10/09
19449 Riverside Drive, Suite 230	Work Order No:	09-02-0950
Sonoma, CA 95476-6955	Preparation:	EPA 7471A Total
	Method:	EPA 7471A

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-02-0712-4	**Solid**	**Mercury**	**02/10/09**	**02/10/09**	**090210S03**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	104	102	71-137	2	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: 02/10/09
Work Order No: 09-02-0950
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-02-0932-2	**Solid**	**GC/MS UU**	**02/17/09**	**02/18/09**	**090217S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	102	79-115	0	0-13	
Carbon Tetrachloride	112	110	55-139	1	0-15	
Chlorobenzene	95	96	79-115	0	0-17	
1,2-Dibromoethane	101	100	70-130	1	0-30	
1,2-Dichlorobenzene	92	90	63-123	1	0-23	
1,1-Dichloroethene	102	102	69-123	0	0-16	
Ethylbenzene	99	99	70-130	1	0-30	
Toluene	96	97	79-115	1	0-15	
Trichloroethene	96	96	66-144	0	0-14	
Vinyl Chloride	91	93	60-126	2	0-14	
Methyl-t-Butyl Ether (MTBE)	98	101	68-128	2	0-14	
Tert-Butyl Alcohol (TBA)	97	97	44-134	0	0-37	
Diisopropyl Ether (DIPE)	113	112	75-123	0	0-12	
Ethyl-t-Butyl Ether (ETBE)	106	108	75-117	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	101	103	79-115	2	0-12	
Ethanol	93	74	42-138	23	0-28	

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: 09-02-0950
Preparation: EPA 3050B
Method: EPA 6010B

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-12,056	**Solid**	**ICP 5300**	**02/10/09**	**02/11/09**	**090210L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Antimony	103	104	80-120	73-127	1	0-20	
Arsenic	106	107	80-120	73-127	2	0-20	
Barium	115	116	80-120	73-127	1	0-20	
Beryllium	106	107	80-120	73-127	1	0-20	
Cadmium	115	115	80-120	73-127	0	0-20	
Chromium	110	111	80-120	73-127	0	0-20	
Cobalt	117	117	80-120	73-127	0	0-20	
Copper	113	114	80-120	73-127	1	0-20	
Lead	113	115	80-120	73-127	2	0-20	
Molybdenum	112	114	80-120	73-127	1	0-20	
Nickel	115	117	80-120	73-127	1	0-20	
Selenium	102	103	80-120	73-127	1	0-20	
Silver	115	115	80-120	73-127	1	0-20	
Thallium	106	108	80-120	73-127	2	0-20	
Vanadium	109	110	80-120	73-127	1	0-20	
Zinc	111	111	80-120	73-127	0	0-20	

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Conestoga-Rovers & Associates		Date Received:	N/A
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0950
Sonoma, CA 95476-6955		Preparation:	EPA 3550B
		Method:	EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-025-623	**Solid**	**GC 48**	**02/10/09**	**02/10/09**	**090210B06**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	91	92	75-123	2	0-12	

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:	09-02-0950
Preparation:	EPA 3550B
Method:	EPA 8015B (M)

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-254-678	**Solid**	**GC 48**	**02/10/09**	**02/10/09**	**090210B07**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	93	92	75-123	1	0-12	

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:	09-02-0950
Preparation:	EPA 7471A Total
Method:	EPA 7471A

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-6,121	**Solid**	**Mercury**	**02/10/09**	**02/10/09**	**090210L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	98	99	85-121	1	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: 09-02-0950
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-281	**Solid**	**GC/MS UU**	**02/17/09**	**02/18/09**	**090217L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	103	102	84-114	79-119	1	0-7	
Carbon Tetrachloride	110	107	66-132	55-143	3	0-12	
Chlorobenzene	101	99	87-111	83-115	3	0-7	
1,2-Dibromoethane	102	102	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	99	100	79-115	73-121	1	0-8	
1,1-Dichloroethene	104	101	73-121	65-129	3	0-12	
Ethylbenzene	104	102	80-120	73-127	2	0-20	
Toluene	99	99	78-114	72-120	0	0-7	
Trichloroethene	104	102	84-114	79-119	2	0-8	
Vinyl Chloride	94	92	63-129	52-140	2	0-15	
Methyl-t-Butyl Ether (MTBE)	103	105	77-125	69-133	1	0-11	
Tert-Butyl Alcohol (TBA)	94	97	47-137	32-152	3	0-27	
Diisopropyl Ether (DIPE)	112	113	76-130	67-139	1	0-8	
Ethyl-t-Butyl Ether (ETBE)	108	110	76-124	68-132	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	106	108	82-118	76-124	2	0-11	
Ethanol	104	100	59-131	47-143	4	0-21	
TPPH	85	83	65-135	53-147	2	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 09-02-0950

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

Shell Oil Products Chain Of Custody Record

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

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

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 8 9 9 5 7 4 2 ☐ CHECK IF NO INCIDENT # APPLIES

PO #:

SAP #:

DATE: 2/6/09

PAGE: 1 of 1

SAMPLING COMPANY: Conestoga-Rovers & Associates	LOG CODE: CRAW
ADDRESS: 19449 Riverside Drive, Suite 230, Sonoma, California 95476	
PROJECT CONTACT (Hardcopy or PDF Report to): Dennis Baertschi	
TELEPHONE: 707 268 3813	FAX: 707 268 8180
E-MAIL: dbaertschi@craworld.com	

SITE ADDRESS: Street and City: 8930 Bancroft Ave, Oakland	State: CA	GLOBAL ID NO.:	
EDF DELIVERABLE TO (Name, Company, Office Location): Felicia Ballard, CRA, Sonoma	PHONE NO.: 707-935-4850	E-MAIL: sonomaedf@craworld.com	CONSULTANT PROJECT NO.: 241408-2008-10
SAMPLER NAME(S) (Print): Carmen Rodriguez		LAB USE ONLY: 02-0950	

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

cc: Kari Dupler, kdupler@craworld.com

Call composite sample ID and field point name CRA-A

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

REQUESTED ANALYSIS

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	HCL	HNO3	H2SO4	NONE	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-1A	2/6	1600	SO						1	X	X	X											X	X						Please call
2	CRA-2A	↓	↓	SO						1	X	X	X											X	X						composite
	~~CRA-3A~~			~~SO~~						~~1~~	~~X~~	~~X~~	~~X~~											~~X~~	~~X~~						sample
3	CRA-4A	↓	↓	SO						1	X	X	X											X	X						CRA-A
																															Use Contingent Analysis attached

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Carmen Rodriguez	Secure location	2/6/09	19:15
[signature] CO 2.9.09	Ian O'Malley CEL	2/9/09	1025
[signature] GSO 1730	[signature]	2/10/09	1000

5112 45167

05/2/06 Revision

0950

Contingent analyses

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

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

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-02-0950

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: CRA

DATE: 02/10/09

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

Temperature 2.3 °C - 0.2 °C (CF) = 2.1 °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:** JP

CUSTODY SEALS INTACT:

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

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

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

CONTAINER TYPE:

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

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

Air: ☐Tedlar® ☐Summa® ☐_____

Checked/Labeled by: WSC

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

Reviewed by: DS

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

Scanned by: WSC

APPENDIX E

CERTIFIED ANALYTICAL REPORTS

Calscience
Environmental
Laboratories, Inc.

February 23, 2009

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

Subject: **Calscience Work Order No.: 09-02-0794**
Client Reference: 8930 Bancroft Ave., Oakland, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 2/7/2009 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

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

Sincerely,

Philip Hamelle for

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 02/07/09
Work Order No: 09-02-0794
Preparation: N/A
Method: EPA TO-3M

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1	**09-02-0794-1-A**	**02/05/09 11:40**	**Air**	**GC 13**	**N/A**	**02/07/09 14:10**	**090207L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	9100	1.59		ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2	**09-02-0794-2-A**	**02/05/09 12:29**	**Air**	**GC 13**	**N/A**	**02/07/09 14:23**	**090207L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	10000	1.75		ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
AMBIENT AIR	**09-02-0794-3-A**	**02/05/09 14:45**	**Air**	**GC 13**	**N/A**	**02/07/09 14:35**	**090207L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	8600	1.5		ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUPLICATE (V-2)	**09-02-0794-4-A**	**02/05/09 12:29**	**Air**	**GC 13**	**N/A**	**02/07/09 14:49**	**090207L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	9900	1.72		ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TRIP BLANK	**09-02-0794-5-A**	**02/05/09 00:00**	**Air**	**GC 13**	**N/A**	**02/07/09 12:15**	**090207L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	5700	1		ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**098-01-005-1,672**	**N/A**	**Air**	**GC 13**	**N/A**	**02/07/09 10:02**	**090207L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	5700	1		ug/m3

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received:	02/07/09
19449 Riverside Drive, Suite 230	Work Order No:	09-02-0794
Sonoma, CA 95476-6955	Preparation:	N/A
	Method:	EPA TO-15
	Units:	ug/m3

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1	**09-02-0794-1-A**	**02/05/09 11:40**	**Air**	**GC/MS DD**	**N/A**	**02/07/09 20:38**	**090207L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	21	2.5	1.59		Toluene	33	3.0	1.59	
Ethylbenzene	5.6	3.5	1.59		Propane	87	43	1.59	
Methyl-t-Butyl Ether (MTBE)	ND	11	1.59		Butane	56	19	1.59	
Xylenes (total)	ND	14	1.59		Isobutane	37	19	1.59	
Tert-Butyl Alcohol (TBA)	10	9.6	1.59						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	86	57-129		1,2-Dichloroethane-d4	94	47-137	
Toluene-d8	101	78-156					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2	**09-02-0794-2-A**	**02/05/09 12:29**	**Air**	**GC/MS DD**	**N/A**	**02/07/09 21:27**	**090207L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	13	2.8	1.75		Toluene	40	3.3	1.75	
Ethylbenzene	6.7	3.8	1.75		Propane	ND	47	1.75	
Methyl-t-Butyl Ether (MTBE)	ND	13	1.75		Butane	42	21	1.75	
Xylenes (total)	ND	15	1.75		Isobutane	43	21	1.75	
Tert-Butyl Alcohol (TBA)	13	11	1.75						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	86	57-129		1,2-Dichloroethane-d4	92	47-137	
Toluene-d8	99	78-156					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
AMBIENT AIR	**09-02-0794-3-A**	**02/05/09 14:45**	**Air**	**GC/MS DD**	**N/A**	**02/07/09 22:19**	**090207L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	2.4	1.5		Toluene	5.9	2.8	1.5	
Ethylbenzene	ND	3.3	1.5		Propane	ND	41	1.5	
Methyl-t-Butyl Ether (MTBE)	ND	11	1.5		Butane	ND	18	1.5	
Xylenes (total)	ND	13	1.5		Isobutane	ND	18	1.5	
Tert-Butyl Alcohol (TBA)	ND	9.1	1.5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	82	57-129		1,2-Dichloroethane-d4	91	47-137	
Toluene-d8	99	78-156					

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: 02/07/09
Work Order No: 09-02-0794
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUPLICATE (V-2)	**09-02-0794-4-A**	**02/05/09 12:29**	**Air**	**GC/MS DD**	**N/A**	**02/07/09 23:06**	**090207L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	14	2.7	1.72		Toluene	41	3.2	1.72	
Ethylbenzene	7.7	3.7	1.72		Propane	ND	47	1.72	
Methyl-t-Butyl Ether (MTBE)	ND	12	1.72		Butane	42	20	1.72	
Xylenes (total)	22	15	1.72		Isobutane	45	20	1.72	
Tert-Butyl Alcohol (TBA)	26	10	1.72						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	91	57-129		1,2-Dichloroethane-d4	92	47-137	
Toluene-d8	100	78-156					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TRIP BLANK	**09-02-0794-5-A**	**02/05/09 00:00**	**Air**	**GC/MS DD**	**N/A**	**02/07/09 19:48**	**090207L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	1.6	1		Toluene	ND	1.9	1	
Ethylbenzene	ND	2.2	1		Propane	ND	27	1	
Methyl-t-Butyl Ether (MTBE)	ND	7.2	1		Butane	ND	12	1	
Xylenes (total)	ND	8.7	1		Isobutane	ND	12	1	
Tert-Butyl Alcohol (TBA)	ND	6.1	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	89	57-129		1,2-Dichloroethane-d4	93	47-137	
Toluene-d8	99	78-156					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**095-01-021-7,208**	**N/A**	**Air**	**GC/MS DD**	**N/A**	**02/07/09 14:07**	**090207L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	1.6	1		Toluene	ND	1.9	1	
Ethylbenzene	ND	2.2	1		Propane	ND	27	1	
Methyl-t-Butyl Ether (MTBE)	ND	7.2	1		Butane	ND	12	1	
Xylenes (total)	ND	8.7	1		Isobutane	ND	12	1	
Tert-Butyl Alcohol (TBA)	ND	6.1	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	93	57-129		1,2-Dichloroethane-d4	118	47-137	
Toluene-d8	100	78-156					

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

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Conestoga-Rovers & Associates	Date Received:	02/07/09
19449 Riverside Drive, Suite 230	Work Order No:	09-02-0794
Sonoma, CA 95476-6955	Preparation:	N/A
	Method:	EPA TO-3M

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
09-02-0701-4	**Air**	**GC 13**	**N/A**	**02/07/09**	**090207D02**

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
TPH as Gasoline	44000	44000	0	0-20	

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: 09-02-0794
Preparation: N/A
Method: EPA TO-15

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-7,208	**Air**	**GC/MS DD**	**N/A**	**02/07/09**	**090207L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	120	125	60-156	44-172	4	0-40	
Carbon Tetrachloride	119	134	64-154	49-169	11	0-32	
1,2-Dibromoethane	117	125	54-144	39-159	7	0-36	
1,2-Dichlorobenzene	120	136	34-160	13-181	12	0-47	
1,2-Dichloroethane	122	139	69-153	55-167	13	0-30	
1,2-Dichloropropane	123	129	67-157	52-172	5	0-35	
1,4-Dichlorobenzene	133	149	36-156	16-176	11	0-47	
c-1,3-Dichloropropene	134	145	61-157	45-173	7	0-35	
Ethylbenzene	121	129	52-154	35-171	6	0-38	
o-Xylene	117	128	52-148	36-164	8	0-38	
p/m-Xylene	113	122	42-156	23-175	7	0-41	
Tetrachloroethene	118	125	56-152	40-168	6	0-40	
Toluene	114	119	56-146	41-161	4	0-43	
Trichloroethene	123	133	63-159	47-175	8	0-34	
1,1,2-Trichloroethane	130	139	65-149	51-163	7	0-37	
Vinyl Chloride	123	129	45-177	23-199	5	0-36	

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 09-02-0794

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

LAB: TA

- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Sacramenta, California
- ☐ TA - Nashville, Tennesee
- ☑ Calscience
- ☐ Other_____

SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Denis Brown

- ☑ ENVIRONMENTAL SERVICES
- ☐ NETWORK DEV / FE
- ☐ BILL CONSULTANT
- ☐ COMPLIANCE
- ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 8 9 9 5 7 4 2

PO #:

SAP or CRMT #:

Date: 2/5/09

PAGE: 1 of 3

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
Conestoga-Rovers & Associates (CRA)	CRAW	8930 Bancroft Ave, Oakland	CA	

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

PROJECT CONTACT (Hardcopy or PDF Report to): Dennis Baertschi

TELEPHONE:	FAX:	E-MAIL:
707 268 3813	707 268 8180	dbaertschi@craworld.com

EDF DELIVERABLE TO (Name, Company, Office Location):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
Ballard, Felicia, CRA, Sonoma	707-935-4850	sonomaedf@craworld.com	241408-2008-10

SAMPLER NAME(S) (Print): Carmen Rodriguez

LAB USE ONLY: 09-02-0794

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☑ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

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

please report results in µg/m3

No partial lab reports, send final PDF report only.

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPHg (TO-3)	TPHd - Extractable (8015M)	BTEX (TO-15)	MTBE (TO-15)	TBA (TO-15)	O2 + Ar, CO2, & Methane	Isobutane, butane, & propane (TO-15, GC/MS)	TEMPERATURE ON RECEIPT C°
1	V-1-	2/5	1140	Air	1	X		X	X	X		X	Summa ID: LC275
2	V-2-	2/5/09	12:29	Air	1	X		X	X	X		X	Summa ID: LC371
3	AMBIENT AIR	2/5	1445	Air	1	X		X	X	X		X	Summa ID: LC102
4	DUPLICATE (V-2)	2/5/09	12:29	Air	1	X		X	X	X		X	Summa ID: LC448
5	TRIP BLANK			Air	1	X		X	X	X		X	Summa ID: LC255

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Carmen Rodriguez	CEL	2-6-09	1325
GSO 2-6-09 1734		Date:	Time:
GSO	Dannyle CEL	2/7/09	10:00

5112367 57

05/02/06 Revision

Q&Q Graphic (714) 898-9702

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-02-0794

SAMPLE RECEIPT FORM

Box Cooler 1 of 1

CLIENT: CRA

DATE: 02/07/09

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

Temperature ____.____ °C - 0.2 °C (CF) = ____.____ °C ☐ **Blank** ☐ **Sample**

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

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

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

Ambient Temperature: ☑ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** D.C

CUSTODY SEALS INTACT:

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

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

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

CONTAINER TYPE:

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

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

Air: ☐Tedlar® ☑Summa® ☐_____

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

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

Checked/Labeled by: RN

Reviewed by: WSC

Scanned by: RN

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-01-0794

SAMPLE ANOMALY FORM

CHAIN OF CUSTODY (COC):

Comments:

- ☐ **Not relinquished by client – no signature**
- ☐ **No date/time relinquished**
- ☐ **COC not received with samples** – notify PM
- ☐ **Incomplete information regarding samples, tests, etc.**

SAMPLES - CONTAINERS & LABELS:

Comments:

- ☐ **Samples NOT RECEIVED but listed on COC**
- ☐ **Samples received but NOT LISTED on COC**
- ☐ **Holding time expired** – list sample ID(s) and test
- ☐ **Insufficient quantities for analysis** – list test
- ☐ **Improper container(s) used** – list test
- ☐ **No preservative noted on COC or label** – list test & notify lab
- ☐ **Sample labels illegible** – note test/container type
- ☑ **Sample labels do not match COC** – Note in comments
  - ☑ **Sample ID**
  - ☐ **Date and/or Time Collected**
  - ☐ **Project Information**
  - ☐ **# of containers**
- ☐ **Sample containers compromised** – Note in comments
  - ☐ **Leaking**
  - ☐ **Broken**
  - ☐ **Without Labels**
- ☐ **Other:** _____

(-1) labeled as V-1-5.75'
(-2) ——— V-2-5.75'
(-4) ——— Duplicate (V-2-5.75')

HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of RSK or CO_2 or DO or Organic Lead Received

Comments: _____

Initial / Date RN / 2-7-09

Calscience
Environmental
Laboratories, Inc.

February 24, 2009

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

Subject: **Calscience Work Order No.: 09-02-0805**
Client Reference: 8930 Bancroft Ave., Oakland, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 2/7/2009 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

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

Sincerely,

Philip Hamelle for

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 02/07/09
Work Order No: 09-02-0805
Preparation: EPA 3550B
Method: EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-2'	**09-02-0805-1-A**	**02/04/09 09:20**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 07:08**	**090210B04**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-2'	**09-02-0805-2-A**	**02/04/09 11:25**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 07:28**	**090210B04**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	105	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2-2'	**09-02-0805-3-A**	**02/04/09 14:00**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 07:47**	**090210B04**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-2'	**09-02-0805-4-A**	**02/04/09 15:15**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 08:07**	**090210B04**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	105	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: 02/07/09
Work Order No: 09-02-0805
Preparation: EPA 3550B
Method: EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1-2'	**09-02-0805-5-A**	**02/05/09 09:20**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 08:27**	**090210B04**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	97	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1-5'	**09-02-0805-6-A**	**02/05/09 11:55**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 08:46**	**090210B04**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-5'	**09-02-0805-7-A**	**02/06/09 09:15**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 09:06**	**090210B04**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-10'	**09-02-0805-8-A**	**02/06/09 09:20**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 09:26**	**090210B04**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	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:	02/07/09
Work Order No:	09-02-0805
Preparation:	EPA 3550B
Method:	EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-12.5'	**09-02-0805-9-A**	**02/06/09 09:30**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 09:45**	**090210B04**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-5'	**09-02-0805-10-A**	**02/06/09 09:45**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 10:05**	**090210B04**

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	6.5	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	102	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-10'	**09-02-0805-11-A**	**02/06/09 09:50**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 11:06**	**090210B04**

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	13	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:	02/07/09
19449 Riverside Drive, Suite 230	Work Order No:	09-02-0805
Sonoma, CA 95476-6955	Preparation:	EPA 3550B
	Method:	EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-12'	**09-02-0805-12-A**	**02/06/09 10:00**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 11:25**	**090210B04**

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	390	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	102	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-15'	**09-02-0805-13-A**	**02/06/09 10:05**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 11:45**	**090210B04**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	99	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2-5'	**09-02-0805-14-A**	**02/06/09 10:20**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 12:05**	**090210B04**

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	110	10	2		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	102	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:	02/07/09
Work Order No:	09-02-0805
Preparation:	EPA 3550B
Method:	EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2-10'	**09-02-0805-15-A**	**02/06/09 10:30**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 12:25**	**090210B04**

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	13	5.0	1		mg/kg

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2-12'	**09-02-0805-16-A**	**02/06/09 10:35**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 12:45**	**090210B04**

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	200	25	5		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	115	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2-15'	**09-02-0805-17-A**	**02/06/09 10:40**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 13:05**	**090210B04**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	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:	02/07/09
Work Order No:	09-02-0805
Preparation:	EPA 3550B
Method:	EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-5'	**09-02-0805-18-A**	**02/06/09 10:45**	**Solid**	**GC 43**	**02/10/09**	**02/12/09 01:43**	**090210B04**

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	250	10	2		mg/kg

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-10'	**09-02-0805-19-A**	**02/06/09 11:27**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 13:45**	**090210B04**

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	7.5	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	97	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-12'	**09-02-0805-20-A**	**02/06/09 11:30**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 14:05**	**090210B04**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	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:	02/07/09
Work Order No:	09-02-0805
Preparation:	EPA 3550B
Method:	EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-15'	**09-02-0805-21-A**	**02/06/09 11:35**	**Solid**	**GC 48**	**02/10/09**	**02/10/09 21:45**	**090210B06**

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	30	5.0	1		mg/kg

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1-11'	**09-02-0805-22-A**	**02/06/09 12:00**	**Solid**	**GC 48**	**02/10/09**	**02/11/09 13:22**	**090210B06**

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	1200	50	10		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	129	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1-15.5'	**09-02-0805-23-A**	**02/06/09 12:10**	**Solid**	**GC 48**	**02/10/09**	**02/10/09 22:17**	**090210B06**

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	5.7	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	114	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:	02/07/09
Work Order No:	09-02-0805
Preparation:	EPA 3550B
Method:	EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1-14.5'	**09-02-0805-24-A**	**02/06/09 13:00**	**Solid**	**GC 48**	**02/10/09**	**02/10/09 22:33**	**090210B06**

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	5.0	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	**099-12-025-622**	**N/A**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 04:10**	**090210B04**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	103	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-025-623**	**N/A**	**Solid**	**GC 48**	**02/10/09**	**02/10/09 19:21**	**090210B06**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	116	61-145	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received:	02/07/09
19449 Riverside Drive, Suite 230	Work Order No:	09-02-0805
Sonoma, CA 95476-6955	Preparation:	EPA 3510C
	Method:	EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1-15'-16'W	**09-02-0805-25-D**	**02/06/09 12:55**	**Aqueous**	**GC 47**	**02/12/09**	**02/16/09 18:45**	**090212B12**

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	7800	200	4		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	99	68-140	

Method Blank	099-12-211-964	N/A	Aqueous	GC 47	02/12/09	02/14/09 21:12	090212B12

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	105	68-140	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received: 02/07/09
19449 Riverside Drive, Suite 230	Work Order No: 09-02-0805
Sonoma, CA 95476-6955	Preparation: EPA 3510C
	Method: EPA 8015B (M)

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1-15'-16'W	**09-02-0805-25-D**	**02/06/09 12:55**	**Aqueous**	**GC 47**	**02/12/09**	**02/15/09 01:28**	**090212B13**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	250	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	104	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-234-374**	**N/A**	**Aqueous**	**GC 47**	**02/12/09**	**02/14/09 21:12**	**090212B13**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	250	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	105	68-140	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received:	02/07/09
19449 Riverside Drive, Suite 230	Work Order No:	09-02-0805
Sonoma, CA 95476-6955	Preparation:	EPA 3550B
	Method:	EPA 8015B (M)

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-2'	**09-02-0805-1-A**	**02/04/09 09:20**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 07:08**	**090210B05**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-2'	**09-02-0805-2-A**	**02/04/09 11:25**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 07:28**	**090210B05**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	105	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2-2'	**09-02-0805-3-A**	**02/04/09 14:00**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 07:47**	**090210B05**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-2'	**09-02-0805-4-A**	**02/04/09 15:15**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 08:07**	**090210B05**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	105	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: 02/07/09
Work Order No: 09-02-0805
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1-2'	**09-02-0805-5-A**	**02/05/09 09:20**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 08:27**	**090210B05**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	97	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1-5'	**09-02-0805-6-A**	**02/05/09 11:55**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 08:46**	**090210B05**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-5'	**09-02-0805-7-A**	**02/06/09 09:15**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 09:06**	**090210B05**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-10'	**09-02-0805-8-A**	**02/06/09 09:20**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 09:26**	**090210B05**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	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: 02/07/09
Work Order No: 09-02-0805
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-12.5'	**09-02-0805-9-A**	**02/06/09 09:30**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 09:45**	**090210B05**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-5'	**09-02-0805-10-A**	**02/06/09 09:45**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 10:05**	**090210B05**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	102	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-10'	**09-02-0805-11-A**	**02/06/09 09:50**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 11:06**	**090210B05**

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

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-12'	**09-02-0805-12-A**	**02/06/09 10:00**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 11:25**	**090210B05**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	440	25	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	102	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: 02/07/09
Work Order No: 09-02-0805
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-15'	**09-02-0805-13-A**	**02/06/09 10:05**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 11:45**	**090210B05**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	99	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2-5'	**09-02-0805-14-A**	**02/06/09 10:20**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 12:05**	**090210B05**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	290	50	2		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	102	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2-10'	**09-02-0805-15-A**	**02/06/09 10:30**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 12:25**	**090210B05**

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

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2-12'	**09-02-0805-16-A**	**02/06/09 10:35**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 12:45**	**090210B05**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	700	120	5		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	115	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: 02/07/09
Work Order No: 09-02-0805
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2-15'	**09-02-0805-17-A**	**02/06/09 10:40**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 13:05**	**090210B05**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	99	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-5'	**09-02-0805-18-A**	**02/06/09 10:45**	**Solid**	**GC 43**	**02/10/09**	**02/12/09 01:43**	**090210B05**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	1100	50	2		mg/kg

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-10'	**09-02-0805-19-A**	**02/06/09 11:27**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 13:45**	**090210B05**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	97	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-12'	**09-02-0805-20-A**	**02/06/09 11:30**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 14:05**	**090210B05**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	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: 02/07/09
Work Order No: 09-02-0805
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-15'	**09-02-0805-21-A**	**02/06/09 11:35**	**Solid**	**GC 48**	**02/10/09**	**02/10/09 21:45**	**090210B07**

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

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1-11'	**09-02-0805-22-A**	**02/06/09 12:00**	**Solid**	**GC 48**	**02/10/09**	**02/11/09 13:22**	**090210B07**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	1700	250	10		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	129	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1-15.5'	**09-02-0805-23-A**	**02/06/09 12:10**	**Solid**	**GC 48**	**02/10/09**	**02/10/09 22:17**	**090210B07**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	114	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1-14.5'	**09-02-0805-24-A**	**02/06/09 13:00**	**Solid**	**GC 48**	**02/10/09**	**02/10/09 22:33**	**090210B07**

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

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

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received: 02/07/09
19449 Riverside Drive, Suite 230	Work Order No: 09-02-0805
Sonoma, CA 95476-6955	Preparation: EPA 3550B
	Method: EPA 8015B (M)

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-254-677**	**N/A**	**Solid**	**GC 43**	**02/10/09**	**02/11/09 04:10**	**090210B05**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	103	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-254-678**	**N/A**	**Solid**	**GC 48**	**02/10/09**	**02/10/09 19:21**	**090210B07**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	116	61-145	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates		Date Received:	02/07/09
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0805
Sonoma, CA 95476-6955		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1-15'-16'W	**09-02-0805-25-B**	**02/06/09 12:55**	**Aqueous**	**GC/MS RR**	**02/18/09**	**02/18/09 23:50**	**090218L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	17	2.5	5		Tert-Butyl Alcohol (TBA)	ND	50	5	
Ethylbenzene	230	5.0	5		Diisopropyl Ether (DIPE)	ND	10	5	
Toluene	ND	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
Xylenes (total)	22	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	5		TPPH	16000	250	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	106	74-140			1,2-Dichloroethane-d4	100	74-146		
Toluene-d8	104	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	99	74-110							

Method Blank	099-12-767-1,144	N/A	Aqueous	GC/MS RR	02/18/09	02/18/09 15:45	090218L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	109	74-140			1,2-Dichloroethane-d4	104	74-146		
Toluene-d8	99	88-112			Toluene-d8-TPPH	96	88-112		
1,4-Bromofluorobenzene	93	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates		Date Received:	02/07/09
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0805
Sonoma, CA 95476-6955		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	mg/kg

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-2'	**09-02-0805-1-A**	**02/04/09 09:20**	**Solid**	**GC/MS UU**	**02/14/09**	**02/14/09 17:12**	**090214L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	107	73-139			1,2-Dichloroethane-d4	116	73-145		
Toluene-d8	102	90-108			1,4-Bromofluorobenzene	101	71-113		
Toluene-d8-TPPH	104	88-112							

SB-3-2'	**09-02-0805-2-A**	**02/04/09 11:25**	**Solid**	**GC/MS UU**	**02/14/09**	**02/14/09 17:37**	**090214L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	108	73-139			1,2-Dichloroethane-d4	118	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	92	71-113		
Toluene-d8-TPPH	103	88-112							

V-2-2'	**09-02-0805-3-A**	**02/04/09 14:00**	**Solid**	**GC/MS UU**	**02/14/09**	**02/14/09 18:01**	**090214L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	110	73-139			1,2-Dichloroethane-d4	118	73-145		
Toluene-d8	102	90-108			1,4-Bromofluorobenzene	91	71-113		
Toluene-d8-TPPH	104	88-112							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates		Date Received:	02/07/09
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0805
Sonoma, CA 95476-6955		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	mg/kg

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-2'	**09-02-0805-4-A**	**02/04/09 15:15**	**Solid**	**GC/MS UU**	**02/14/09**	**02/14/09 18:26**	**090214L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	111	73-139			1,2-Dichloroethane-d4	115	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	91	71-113		
Toluene-d8-TPPH	103	88-112							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1-2'	**09-02-0805-5-A**	**02/05/09 09:20**	**Solid**	**GC/MS UU**	**02/14/09**	**02/14/09 18:50**	**090214L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	114	73-139			1,2-Dichloroethane-d4	122	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	90	71-113		
Toluene-d8-TPPH	104	88-112							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1-5'	**09-02-0805-6-A**	**02/05/09 11:55**	**Solid**	**GC/MS UU**	**02/14/09**	**02/14/09 19:15**	**090214L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	114	73-139			1,2-Dichloroethane-d4	123	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	88	71-113		
Toluene-d8-TPPH	104	88-112							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates		Date Received:	02/07/09
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0805
Sonoma, CA 95476-6955		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	mg/kg

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-5'	**09-02-0805-7-A**	**02/06/09 09:15**	**Solid**	**GC/MS UU**	**02/14/09**	**02/14/09 19:39**	**090214L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	115	73-139			1,2-Dichloroethane-d4	123	73-145		
Toluene-d8	103	90-108			1,4-Bromofluorobenzene	91	71-113		
Toluene-d8-TPPH	105	88-112							

SB-5-10'	**09-02-0805-8-A**	**02/06/09 09:20**	**Solid**	**GC/MS UU**	**02/14/09**	**02/14/09 20:04**	**090214L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	116	73-139			1,2-Dichloroethane-d4	124	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	89	71-113		
Toluene-d8-TPPH	103	88-112							

SB-5-12.5'	**09-02-0805-9-A**	**02/06/09 09:30**	**Solid**	**GC/MS UU**	**02/14/09**	**02/14/09 20:28**	**090214L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	116	73-139			1,2-Dichloroethane-d4	125	73-145		
Toluene-d8	103	90-108			1,4-Bromofluorobenzene	92	71-113		
Toluene-d8-TPPH	105	88-112							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received:	02/07/09
19449 Riverside Drive, Suite 230	Work Order No:	09-02-0805
Sonoma, CA 95476-6955	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B
	Units:	mg/kg

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-5'	**09-02-0805-10-A**	**02/06/09 09:45**	**Solid**	**GC/MS UU**	**02/14/09**	**02/14/09 20:52**	**090214L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	120	73-139			1,2-Dichloroethane-d4	133	73-145		
Toluene-d8	103	90-108			1,4-Bromofluorobenzene	88	71-113		
Toluene-d8-TPPH	105	88-112							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-10'	**09-02-0805-11-A**	**02/06/09 09:50**	**Solid**	**GC/MS UU**	**02/16/09**	**02/17/09 04:48**	**090216L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	108	73-139			1,2-Dichloroethane-d4	122	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	92	71-113		
Toluene-d8-TPPH	103	88-112							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-12'	**09-02-0805-12-A**	**02/06/09 10:00**	**Solid**	**GC/MS UU**	**02/16/09**	**02/17/09 05:13**	**090216L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	110	73-139			1,2-Dichloroethane-d4	122	73-145		
Toluene-d8	100	90-108			1,4-Bromofluorobenzene	92	71-113		
Toluene-d8-TPPH	102	88-112							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates		Date Received:	02/07/09
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0805
Sonoma, CA 95476-6955		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	mg/kg

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-15'	**09-02-0805-13-A**	**02/06/09 10:05**	**Solid**	**GC/MS UU**	**02/16/09**	**02/17/09 05:37**	**090216L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	111	73-139			1,2-Dichloroethane-d4	120	73-145		
Toluene-d8	100	90-108			1,4-Bromofluorobenzene	92	71-113		
Toluene-d8-TPPH	103	88-112							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2-5'	**09-02-0805-14-A**	**02/06/09 10:20**	**Solid**	**GC/MS UU**	**02/16/09**	**02/17/09 06:01**	**090216L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	116	73-139			1,2-Dichloroethane-d4	130	73-145		
Toluene-d8	100	90-108			1,4-Bromofluorobenzene	89	71-113		
Toluene-d8-TPPH	103	88-112							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2-10'	**09-02-0805-15-A**	**02/06/09 10:30**	**Solid**	**GC/MS UU**	**02/16/09**	**02/17/09 02:22**	**090216L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	114	73-139			1,2-Dichloroethane-d4	126	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	89	71-113		
Toluene-d8-TPPH	104	88-112							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates		Date Received:	02/07/09
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0805
Sonoma, CA 95476-6955		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	mg/kg

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2-12'	**09-02-0805-16-A**	**02/06/09 10:35**	**Solid**	**GC/MS UU**	**02/16/09**	**02/17/09 06:26**	**090216L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	113	73-139			1,2-Dichloroethane-d4	124	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	89	71-113		
Toluene-d8-TPPH	104	88-112							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2-15'	**09-02-0805-17-A**	**02/06/09 10:40**	**Solid**	**GC/MS UU**	**02/16/09**	**02/17/09 06:50**	**090216L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	113	73-139			1,2-Dichloroethane-d4	124	73-145		
Toluene-d8	105	90-108			1,4-Bromofluorobenzene	94	71-113		
Toluene-d8-TPPH	107	88-112							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-5'	**09-02-0805-18-A**	**02/06/09 10:45**	**Solid**	**GC/MS UU**	**02/16/09**	**02/17/09 07:14**	**090216L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	116	73-139			1,2-Dichloroethane-d4	127	73-145		
Toluene-d8	102	90-108			1,4-Bromofluorobenzene	87	71-113		
Toluene-d8-TPPH	104	88-112							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates		Date Received:	02/07/09
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0805
Sonoma, CA 95476-6955		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	mg/kg

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-10'	**09-02-0805-19-A**	**02/06/09 11:27**	**Solid**	**GC/MS PP**	**02/16/09**	**02/17/09 05:15**	**090216L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	107	73-139			1,2-Dichloroethane-d4	117	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	100	71-113		
Toluene-d8-TPPH	100	88-112							

SB-4-12'	**09-02-0805-20-A**	**02/06/09 11:30**	**Solid**	**GC/MS PP**	**02/16/09**	**02/17/09 06:55**	**090216L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	107	73-139			1,2-Dichloroethane-d4	118	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	100	71-113		
Toluene-d8-TPPH	100	88-112							

SB-4-15'	**09-02-0805-21-A**	**02/06/09 11:35**	**Solid**	**GC/MS UU**	**02/16/09**	**02/17/09 03:59**	**090216L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	100		Tert-Butyl Alcohol (TBA)	ND	5.0	100	
Ethylbenzene	ND	0.50	100		Diisopropyl Ether (DIPE)	ND	1.0	100	
Toluene	ND	0.50	100		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	100	
Xylenes (total)	ND	0.50	100		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	100	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	100		TPPH	71	50	100	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	107	73-139			1,2-Dichloroethane-d4	118	73-145		
Toluene-d8	105	90-108			1,4-Bromofluorobenzene	103	71-113		
Toluene-d8-TPPH	107	88-112							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates		Date Received:	02/07/09
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0805
Sonoma, CA 95476-6955		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	mg/kg

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1-11'	**09-02-0805-22-A**	**02/06/09 12:00**	**Solid**	**GC/MS UU**	**02/16/09**	**02/17/09 07:39**	**090216L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	1.1	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	114	73-139			1,2-Dichloroethane-d4	129	73-145		
Toluene-d8	105	90-108			1,4-Bromofluorobenzene	102	71-113		
Toluene-d8-TPPH	108	88-112							

V-1-15.5'	**09-02-0805-23-A**	**02/06/09 12:10**	**Solid**	**GC/MS UU**	**02/16/09**	**02/17/09 04:24**	**090216L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	100		Tert-Butyl Alcohol (TBA)	ND	5.0	100	
Ethylbenzene	ND	0.50	100		Diisopropyl Ether (DIPE)	ND	1.0	100	
Toluene	ND	0.50	100		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	100	
Xylenes (total)	ND	0.50	100		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	100	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	100		TPPH	250	50	100	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	104	73-139			1,2-Dichloroethane-d4	110	73-145		
Toluene-d8	109	90-108		2	1,4-Bromofluorobenzene	101	71-113		
Toluene-d8-TPPH	112	88-112							

V-1-14.5'	**09-02-0805-24-A**	**02/06/09 13:00**	**Solid**	**GC/MS UU**	**02/16/09**	**02/17/09 08:03**	**090216L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	1.1	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	112	73-139			1,2-Dichloroethane-d4	123	73-145		
Toluene-d8	107	90-108			1,4-Bromofluorobenzene	103	71-113		
Toluene-d8-TPPH	109	88-112							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates		Date Received:	02/07/09
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0805
Sonoma, CA 95476-6955		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	mg/kg

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-276**	**N/A**	**Solid**	**GC/MS UU**	**02/14/09**	**02/14/09 12:32**	**090214L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	106	73-139			1,2-Dichloroethane-d4	109	73-145		
Toluene-d8	99	90-108			1,4-Bromofluorobenzene	93	71-113		
Toluene-d8-TPPH	102	88-112							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-277**	**N/A**	**Solid**	**GC/MS PP**	**02/16/09**	**02/17/09 04:25**	**090216L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	73-139			1,2-Dichloroethane-d4	105	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	97	71-113		
Toluene-d8-TPPH	100	88-112							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-278**	**N/A**	**Solid**	**GC/MS UU**	**02/16/09**	**02/17/09 01:34**	**090216L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	108	73-139			1,2-Dichloroethane-d4	116	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	89	71-113		
Toluene-d8-TPPH	103	88-112							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates		Date Received:	02/07/09
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0805
Sonoma, CA 95476-6955		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	mg/kg

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-279**	**N/A**	**Solid**	**GC/MS UU**	**02/16/09**	**02/17/09 01:58**	**090216L03**

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

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	73-139		1,2-Dichloroethane-d4	115	73-145	
Toluene-d8	100	90-108		1,4-Bromofluorobenzene	91	71-113	
Toluene-d8-TPPH	103	88-112					

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates	Date Received:	02/07/09
19449 Riverside Drive, Suite 230	Work Order No:	09-02-0805
Sonoma, CA 95476-6955	Preparation:	EPA 3550B
	Method:	EPA 8015B

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB-5-2'	**Solid**	**GC 43**	**02/10/09**	**02/11/09**	**090210S04**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	103	105	64-130	2	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Conestoga-Rovers & Associates		Date Received:	02/07/09
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0805
Sonoma, CA 95476-6955		Preparation:	EPA 3550B
		Method:	EPA 8015B

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB-4-15'	**Solid**	**GC 48**	**02/10/09**	**02/10/09**	**090210S06**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	115	109	64-130	4	0-15	

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: 02/07/09
Work Order No: 09-02-0805
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB-5-2'	**Solid**	**GC 43**	**02/10/09**	**02/11/09**	**090210S05**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	80	86	64-130	8	0-15	

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:	02/07/09
Work Order No:	09-02-0805
Preparation:	EPA 3550B
Method:	EPA 8015B (M)

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB-4-15'	**Solid**	**GC 48**	**02/10/09**	**02/10/09**	**090210S07**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	103	107	64-130	4	0-15	

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: 02/07/09
Work Order No: 09-02-0805
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-02-0865-3	**Aqueous**	**GC/MS RR**	**02/18/09**	**02/18/09**	**090218S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	95	88-118	1	0-7	
Carbon Tetrachloride	107	106	67-145	1	0-11	
Chlorobenzene	92	91	88-118	0	0-7	
1,2-Dibromoethane	97	97	70-130	0	0-30	
1,2-Dichlorobenzene	92	90	86-116	1	0-8	
1,1-Dichloroethene	104	103	70-130	0	0-25	
Ethylbenzene	92	92	70-130	0	0-30	
Toluene	93	95	87-123	2	0-8	
Trichloroethene	93	94	79-127	1	0-10	
Vinyl Chloride	93	93	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	87	88	71-131	1	0-13	
Tert-Butyl Alcohol (TBA)	87	87	36-168	0	0-45	
Diisopropyl Ether (DIPE)	118	116	81-123	2	0-9	
Ethyl-t-Butyl Ether (ETBE)	108	109	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	93	95	72-126	3	0-12	
Ethanol	107	108	53-149	1	0-31	

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: 02/07/09
Work Order No: 09-02-0805
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-02-1110-1	**Solid**	**GC/MS UU**	**02/14/09**	**02/14/09**	**090214S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	104	100	79-115	5	0-13	
Carbon Tetrachloride	115	108	55-139	6	0-15	
Chlorobenzene	103	97	79-115	5	0-17	
1,2-Dibromoethane	100	94	70-130	6	0-30	
1,2-Dichlorobenzene	99	94	63-123	5	0-23	
1,1-Dichloroethene	106	98	69-123	8	0-16	
Ethylbenzene	108	103	70-130	5	0-30	
Toluene	102	97	79-115	5	0-15	
Trichloroethene	105	103	66-144	2	0-14	
Vinyl Chloride	94	90	60-126	5	0-14	
Methyl-t-Butyl Ether (MTBE)	94	90	68-128	4	0-14	
Tert-Butyl Alcohol (TBA)	96	99	44-134	3	0-37	
Diisopropyl Ether (DIPE)	108	104	75-123	4	0-12	
Ethyl-t-Butyl Ether (ETBE)	105	101	75-117	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	100	99	79-115	2	0-12	
Ethanol	106	110	42-138	4	0-28	

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: 02/07/09
Work Order No: 09-02-0805
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB-4-10'	**Solid**	**GC/MS PP**	**02/16/09**	**02/17/09**	**090216S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	97	79-115	0	0-13	
Carbon Tetrachloride	100	105	55-139	5	0-15	
Chlorobenzene	92	93	79-115	2	0-17	
1,2-Dibromoethane	94	97	70-130	3	0-30	
1,2-Dichlorobenzene	81	87	63-123	8	0-23	
1,1-Dichloroethene	114	114	69-123	0	0-16	
Ethylbenzene	92	94	70-130	2	0-30	
Toluene	97	98	79-115	1	0-15	
Trichloroethene	96	95	66-144	1	0-14	
Vinyl Chloride	94	93	60-126	0	0-14	
Methyl-t-Butyl Ether (MTBE)	104	104	68-128	1	0-14	
Tert-Butyl Alcohol (TBA)	98	95	44-134	3	0-37	
Diisopropyl Ether (DIPE)	105	105	75-123	0	0-12	
Ethyl-t-Butyl Ether (ETBE)	104	105	75-117	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	99	98	79-115	1	0-12	
Ethanol	2	43	42-138	178	0-28	3,4

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: 02/07/09
Work Order No: 09-02-0805
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
V-2-10'	**Solid**	**GC/MS UU**	**02/16/09**	**02/17/09**	**090216S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	103	79-115	1	0-13	
Carbon Tetrachloride	110	111	55-139	2	0-15	
Chlorobenzene	97	97	79-115	0	0-17	
1,2-Dibromoethane	98	99	70-130	1	0-30	
1,2-Dichlorobenzene	92	90	63-123	1	0-23	
1,1-Dichloroethene	102	104	69-123	2	0-16	
Ethylbenzene	102	102	70-130	0	0-30	
Toluene	99	99	79-115	0	0-15	
Trichloroethene	97	97	66-144	1	0-14	
Vinyl Chloride	90	95	60-126	5	0-14	
Methyl-t-Butyl Ether (MTBE)	95	99	68-128	5	0-14	
Tert-Butyl Alcohol (TBA)	92	97	44-134	5	0-37	
Diisopropyl Ether (DIPE)	108	109	75-123	1	0-12	
Ethyl-t-Butyl Ether (ETBE)	102	106	75-117	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	101	102	79-115	1	0-12	
Ethanol	63	31	42-138	69	0-28	4,3

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:	09-02-0805
Preparation:	EPA 3550B
Method:	EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-025-622	**Solid**	**GC 43**	**02/10/09**	**02/11/09**	**090210B04**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	90	88	75-123	2	0-12	

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:	09-02-0805
Preparation:	EPA 3550B
Method:	EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-025-623	**Solid**	**GC 48**	**02/10/09**	**02/10/09**	**090210B06**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	91	92	75-123	2	0-12	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Conestoga-Rovers & Associates		Date Received:	N/A
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0805
Sonoma, CA 95476-6955		Preparation:	EPA 3510C
		Method:	EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-211-964	**Aqueous**	**GC 47**	**02/12/09**	**02/14/09**	**090212B12**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	116	112	75-117	4	0-13	

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:	09-02-0805
Preparation:	EPA 3510C
Method:	EPA 8015B (M)

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-234-374	**Aqueous**	**GC 47**	**02/12/09**	**02/14/09**	**090212B13**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	97	98	75-117	1	0-13	

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:	09-02-0805
Preparation:	EPA 3550B
Method:	EPA 8015B (M)

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-254-677	**Solid**	**GC 43**	**02/10/09**	**02/11/09**	**090210B05**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	78	78	75-123	0	0-12	

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:	09-02-0805
Preparation:	EPA 3550B
Method:	EPA 8015B (M)

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-254-678	**Solid**	**GC 48**	**02/10/09**	**02/10/09**	**090210B07**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	93	92	75-123	1	0-12	

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: 09-02-0805
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-1,144	**Aqueous**	**GC/MS RR**	**02/18/09**	**02/18/09**	**090218L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	96	94	84-120	78-126	2	0-8	
Carbon Tetrachloride	108	104	63-147	49-161	4	0-10	
Chlorobenzene	94	91	89-119	84-124	3	0-7	
1,2-Dibromoethane	98	96	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	92	91	89-119	84-124	1	0-9	
1,1-Dichloroethene	105	101	77-125	69-133	4	0-16	
Ethylbenzene	94	92	80-120	73-127	2	0-20	
Toluene	96	94	83-125	76-132	2	0-9	
Trichloroethene	97	93	89-119	84-124	3	0-8	
Vinyl Chloride	94	94	63-135	51-147	1	0-13	
Methyl-t-Butyl Ether (MTBE)	90	87	82-118	76-124	4	0-13	
Tert-Butyl Alcohol (TBA)	87	89	46-154	28-172	2	0-32	
Diisopropyl Ether (DIPE)	119	116	81-123	74-130	3	0-11	
Ethyl-t-Butyl Ether (ETBE)	112	109	74-122	66-130	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	98	95	76-124	68-132	3	0-10	
Ethanol	102	103	60-138	47-151	1	0-32	
TPPH	102	102	65-135	53-147	1	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 09-02-0805
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-276	**Solid**	**GC/MS UU**	**02/14/09**	**02/14/09**	**090214L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	106	101	84-114	79-119	6	0-7	
Carbon Tetrachloride	113	104	66-132	55-143	8	0-12	
Chlorobenzene	105	101	87-111	83-115	4	0-7	
1,2-Dibromoethane	107	104	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	107	101	79-115	73-121	5	0-8	
1,1-Dichloroethene	105	97	73-121	65-129	8	0-12	
Ethylbenzene	111	105	80-120	73-127	6	0-20	
Toluene	104	99	78-114	72-120	5	0-7	
Trichloroethene	105	99	84-114	79-119	5	0-8	
Vinyl Chloride	84	85	63-129	52-140	1	0-15	
Methyl-t-Butyl Ether (MTBE)	103	99	77-125	69-133	4	0-11	
Tert-Butyl Alcohol (TBA)	92	98	47-137	32-152	6	0-27	
Diisopropyl Ether (DIPE)	117	109	76-130	67-139	7	0-8	
Ethyl-t-Butyl Ether (ETBE)	114	109	76-124	68-132	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	110	106	82-118	76-124	3	0-11	
Ethanol	105	111	59-131	47-143	6	0-21	
TPPH	102	97	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
19449 Riverside Drive, Suite 230
Sonoma, CA 95476-6955

Date Received: N/A
Work Order No: 09-02-0805
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-277	**Solid**	**GC/MS PP**	**02/16/09**	**02/17/09**	**090216L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	103	100	84-114	79-119	2	0-7	
Carbon Tetrachloride	104	104	66-132	55-143	1	0-12	
Chlorobenzene	103	101	87-111	83-115	2	0-7	
1,2-Dibromoethane	106	104	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	100	100	79-115	73-121	0	0-8	
1,1-Dichloroethene	113	111	73-121	65-129	1	0-12	
Ethylbenzene	101	100	80-120	73-127	1	0-20	
Toluene	106	103	78-114	72-120	2	0-7	
Trichloroethene	113	113	84-114	79-119	0	0-8	
Vinyl Chloride	94	95	63-129	52-140	1	0-15	
Methyl-t-Butyl Ether (MTBE)	110	107	77-125	69-133	3	0-11	
Tert-Butyl Alcohol (TBA)	102	106	47-137	32-152	4	0-27	
Diisopropyl Ether (DIPE)	110	106	76-130	67-139	3	0-8	
Ethyl-t-Butyl Ether (ETBE)	109	106	76-124	68-132	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	106	104	82-118	76-124	2	0-11	
Ethanol	116	120	59-131	47-143	3	0-21	
TPPH	92	91	65-135	53-147	1	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 09-02-0805
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-278	**Solid**	**GC/MS UU**	**02/16/09**	**02/17/09**	**090216L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	101	101	84-114	79-119	0	0-7	
Carbon Tetrachloride	107	108	66-132	55-143	1	0-12	
Chlorobenzene	100	98	87-111	83-115	2	0-7	
1,2-Dibromoethane	104	102	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	100	99	79-115	73-121	1	0-8	
1,1-Dichloroethene	97	101	73-121	65-129	4	0-12	
Ethylbenzene	103	102	80-120	73-127	1	0-20	
Toluene	98	98	78-114	72-120	0	0-7	
Trichloroethene	100	102	84-114	79-119	2	0-8	
Vinyl Chloride	91	91	63-129	52-140	1	0-15	
Methyl-t-Butyl Ether (MTBE)	100	100	77-125	69-133	0	0-11	
Tert-Butyl Alcohol (TBA)	96	96	47-137	32-152	0	0-27	
Diisopropyl Ether (DIPE)	113	111	76-130	67-139	2	0-8	
Ethyl-t-Butyl Ether (ETBE)	109	108	76-124	68-132	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	107	106	82-118	76-124	1	0-11	
Ethanol	118	97	59-131	47-143	19	0-21	
TPPH	98	96	65-135	53-147	2	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 09-02-0805
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-279	**Solid**	**GC/MS UU**	**02/16/09**	**02/17/09**	**090216L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	101	101	84-114	79-119	0	0-7	
Carbon Tetrachloride	107	108	66-132	55-143	1	0-12	
Chlorobenzene	100	98	87-111	83-115	2	0-7	
1,2-Dibromoethane	104	102	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	100	99	79-115	73-121	1	0-8	
1,1-Dichloroethene	97	101	73-121	65-129	4	0-12	
Ethylbenzene	103	102	80-120	73-127	1	0-20	
Toluene	98	98	78-114	72-120	0	0-7	
Trichloroethene	100	102	84-114	79-119	2	0-8	
Vinyl Chloride	91	91	63-129	52-140	1	0-15	
Methyl-t-Butyl Ether (MTBE)	100	100	77-125	69-133	0	0-11	
Tert-Butyl Alcohol (TBA)	96	96	47-137	32-152	0	0-27	
Diisopropyl Ether (DIPE)	113	111	76-130	67-139	2	0-8	
Ethyl-t-Butyl Ether (ETBE)	109	108	76-124	68-132	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	107	106	82-118	76-124	1	0-11	
Ethanol	118	97	59-131	47-143	19	0-21	
TPPH	98	96	65-135	53-147	2	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 09-02-0805

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

Shell Oil Products Chain Of Custody Record

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

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

Print Bill To Contact Name: Denis Brown
PO #:
INCIDENT # (ENV SERVICES): 98994572
SAP #:
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 4/10/09
PAGE: 1 of 3

SAMPLING COMPANY: Conestoga-Rovers & Associates
LOG CODE: CRAW
ADDRESS: 19449 Riverside Drive, Suite 230, Sonoma, California 95476
PROJECT CONTACT (Hardcopy or PDF Report to): Dennis Baertschi
TELEPHONE: 707-268-3813 | FAX: 707-268-8180 | E-MAIL: dbaertschi@craworld.com

SITE ADDRESS: Street and City: 8930 Bancroft Ave, Oakland
State: CA
GLOBAL ID NO.:
EDF DELIVERABLE TO (Name, Company, Office Location): Felicia Ballard, CRA, Sonoma
PHONE NO.: 707-935-4850
E-MAIL: sonomaedf@craworld.com
CONSULTANT PROJECT NO.: 241408-2008-10
SAMPLER NAME(S) (Print): Carmen Rodriguez
LAB USE ONLY: 09-02-0805

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:
Please fax receipt to D. Baertschi @ 707-268-8180

☑ 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 - 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-Motor Oil (8015M)	Container PID Readings or Laboratory Notes
1	[redacted] SB-5-2'	2/4	920	SO						1	X	X	X	X										X	
2	SB-3-2'		1125																						
3	V-2-2'		1400																						
4	SB-4-2'		1515																						
5	V-1-2'	2/5	920																						
6	V-1-5'		1155																						
7	SB-5-5'	2/6	915																						
8	SB-5-10'		920																						
9	SB-5-12.5'		930																						
10	SB-3-5'		945																						

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Carmen Rodriguez	5 CEL	2-6-09	1335
GSO 2-6-09 1730	Wbaetn CEL	2/7/09	1000

GSO511238133

05/2/06 Revision

Shell Oil Products Chain Of Custody Record

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

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

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 98995742 [ ] CHECK IF NO INCIDENT # APPLIES

PO #:

SAP #:

DATE: 2/6/09

PAGE: 2 of 3

SAMPLING COMPANY: Conestoga-Rovers & Associates

LOG CODE: CRAW

SITE ADDRESS: Street and City: 8930 Bancroft Ave, Oakland

State: CA

GLOBAL ID NO.:

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

EDF DELIVERABLE TO (Name, Company, Office Location): Felicia Ballard, CRA, Sonoma

PHONE NO.: 707-935-4850

E-MAIL: sonomaedf@craworld.com

CONSULTANT PROJECT NO.: 241408-2008-10

PROJECT CONTACT (Hardcopy or PDF Report to): Dennis Baertschi

TELEPHONE: 707-268-3813

FAX: 707-268-8180

E-MAIL: dbaertschi@craworld.com

SAMPLER NAME(S) (Print): Carmen Rodriguez

LAB USE ONLY: EG-02-0205

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

REQUESTED ANALYSIS

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

SPECIAL INSTRUCTIONS OR NOTES:
Please fax receipt to D. Baertschi @ 707-268-8180

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

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-Motor Oil (8015M)	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
11	SB-3-10'	2/6	950	SO						1	X	X	X	X										X	
12	SB-3-12'		1000																						
13	SB-3-15'		1005																						
14	V-2-5'		1020																						
15	V-2-10'		1030																						
16	V-2-12'		1035																						
17	V-2-15'		1040																						
18	SB-4-5'		1045																						
19	SB-4-10'		1127																						
20	SB-4-12'		1130																						

Relinquished by: (Signature) Carmen Rodriguez	Received by: (Signature) CEL	Date: 2-6-09	Time: 1325
Relinquished by: (Signature) TO GSO 2-6-09 1730	Received by: (Signature) Wbath CEL	Date: 2/7/09	Time: 1000
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

GSO511238133

05/2/06 Revision

Shell Oil Products Chain Of Custody Record

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

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

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES) 9 8 9 9 5 7 4 2 ☐ CHECK IF NO INCIDENT # APPLIES

PO # **SAP #**

DATE: 2/6/09
PAGE: 3 of 3

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
Conestoga-Rovers & Associates	CRAW	8930 Bancroft Ave, Oakland	CA	

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

PROJECT CONTACT (Hardcopy or PDF Report to): Dennis Baertschi

TELEPHONE: 707-268-3813 FAX: 707-268-8180 E-MAIL: dbaertschi@craworld.com

EDF DELIVERABLE TO (Name, Company, Office Location): Felicia Ballard, CRA, Sonoma PHONE NO.: 707-935-4850 E-MAIL: sonomaedf@craworld.com CONSULTANT PROJECT NO.: 241408-2008-10

SAMPLER NAME(S) (Print): Carmen Rodriguez

LAB USE ONLY: 09-02-0805

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
Please fax receipt to D. Baertschi @ 707-268-8180

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	HCL	HNO3	H2SO4	NONE	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-Motor Oil (8015M)	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
21	SB-4-15'	2/6	1135	SO						1	X	X	X	X										X	
22	V-1-11'	↓	1200	↓						↓	↓	↓	↓	↓										↓	
23	V-1-15.5'	↓	1210	↓						↓	↓	↓	↓	↓										↓	
24	V-1-14.5'	↓	1300	↓						4	↓	↓	↓	↓										↓	
25	V-1-15'-16'W	↓	1255	W	X 3			X 1		4	↓	↓	↓	↓										↓	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Carmen Rodriguez	CEL	2-6-09	1325
GSO 2-6-09 1730	Calscience CEL	2/7/09	1000

GSO511238133

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-02-0805

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: CRA

DATE: 2/7/09

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

Temperature 1.9 °C - 0.2 °C (CF) = 1.7 °C ☑ Blank ☐ Sample

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

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

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

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

CUSTODY SEALS INTACT:

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

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

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

CONTAINER TYPE:

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

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

Air: ☐Tedlar® ☐Summa® ☐_____

Checked/Labeled by: WB

Reviewed by: [illegible]

Scanned by: WB

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

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

Calscience Environmental Laboratories, Inc.

Supplemental Report 1

March 26, 2009

The original report has been revised/corrected.

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

Subject: **Calscience Work Order No.: 09-02-0951**
Client Reference: 8930 Bancroft Ave., Oakland, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 2/10/2009 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

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

Sincerely,

Philip Hamelle for

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received:	02/10/09
Work Order No:	09-02-0951
Preparation:	EPA 3550B
Method:	EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-16'	**09-02-0951-1-A**	**02/06/09 14:45**	**Solid**	**GC 43**	**02/11/09**	**02/12/09 06:09**	**090211B07**

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

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-025-624**	**N/A**	**Solid**	**GC 43**	**02/11/09**	**02/12/09 03:11**	**090211B07**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	103	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: 02/10/09
Work Order No: 09-02-0951
Preparation: EPA 3510C
Method: EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-16' -17' W	**09-02-0951-2-D**	**02/06/09 13:30**	**Aqueous**	**GC 47**	**02/12/09**	**02/15/09 00:37**	**090212B12**

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	300000	2500	50		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	108	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-16'-17' W	**09-02-0951-3-D**	**02/06/09 14:00**	**Aqueous**	**GC 47**	**02/12/09**	**02/16/09 18:27**	**090212B12**

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	320	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	83	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2-16'-17' W	**09-02-0951-4-D**	**02/06/09 16:00**	**Aqueous**	**GC 47**	**02/12/09**	**02/15/09 01:11**	**090212B12**

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	2700	100	2		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	105	68-140	

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:	02/10/09
Work Order No:	09-02-0951
Preparation:	EPA 3510C
Method:	EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-211-964**	**N/A**	**Aqueous**	**GC 47**	**02/12/09**	**02/14/09 21:12**	**090212B12**

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	105	68-140	

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: 02/10/09
Work Order No: 09-02-0951
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-16' -17' W	**09-02-0951-2-D**	**02/06/09 13:30**	**Aqueous**	**GC 47**	**02/12/09**	**02/15/09 00:37**	**090212B13**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	12000	50		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Decachlorobiphenyl	108	68-140			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-16'-17' W	**09-02-0951-3-D**	**02/06/09 14:00**	**Aqueous**	**GC 47**	**02/12/09**	**02/16/09 18:27**	**090212B13**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	1300	250	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Decachlorobiphenyl	83	68-140			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2-16'-17' W	**09-02-0951-4-D**	**02/06/09 16:00**	**Aqueous**	**GC 47**	**02/12/09**	**02/15/09 01:11**	**090212B13**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	2100	500	2		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Decachlorobiphenyl	105	68-140			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-234-374**	**N/A**	**Aqueous**	**GC 47**	**02/12/09**	**02/14/09 21:12**	**090212B13**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	250	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Decachlorobiphenyl	105	68-140			

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: 02/10/09
Work Order No: 09-02-0951
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-16'	**09-02-0951-1-A**	**02/06/09 14:45**	**Solid**	**GC 43**	**02/11/09**	**02/12/09 06:09**	**090211B08**

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

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

Method Blank	099-12-254-680	N/A	Solid	GC 43	02/11/09	02/12/09 03:11	090211B08

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	103	61-145	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates		Date Received:	02/10/09
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0951
Sonoma, CA 95476-6955		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-16' -17' W	**09-02-0951-2-B**	**02/06/09 13:30**	**Aqueous**	**GC/MS RR**	**02/19/09**	**02/19/09 19:57**	**090219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	12	25		Tert-Butyl Alcohol (TBA)	ND	250	25	
Ethylbenzene	84	25	25		Diisopropyl Ether (DIPE)	ND	50	25	
Toluene	ND	25	25		Ethyl-t-Butyl Ether (ETBE)	ND	50	25	
Xylenes (total)	ND	25	25		Tert-Amyl-Methyl Ether (TAME)	ND	50	25	
Methyl-t-Butyl Ether (MTBE)	ND	25	25		TPPH	110000	100000	2000	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	105	74-140			1,2-Dichloroethane-d4	96	74-146		
Toluene-d8	111	88-112			Toluene-d8-TPPH	107	88-112		
1,4-Bromofluorobenzene	103	74-110							

SB-3-16'-17' W	**09-02-0951-3-B**	**02/06/09 14:00**	**Aqueous**	**GC/MS RR**	**02/19/09**	**02/19/09 20:21**	**090219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	104	74-140			1,2-Dichloroethane-d4	98	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	96	88-112		
1,4-Bromofluorobenzene	92	74-110							

V-2-16'-17' W	**09-02-0951-4-C**	**02/06/09 16:00**	**Aqueous**	**GC/MS RR**	**02/19/09**	**02/20/09 10:53**	**090219L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	15	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	4.9	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	2500	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	109	74-140			1,2-Dichloroethane-d4	104	74-146		
Toluene-d8	107	88-112			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	99	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates		Date Received:	02/10/09
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0951
Sonoma, CA 95476-6955		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-15'-16' W	**09-02-0951-5-B**	**02/06/09 11:00**	**Aqueous**	**GC/MS RR**	**02/19/09**	**02/19/09 21:09**	**090219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	1.5	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	1.2	1.0	1		TPPH	63	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	106	74-140			1,2-Dichloroethane-d4	99	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	96	88-112		
1,4-Bromofluorobenzene	95	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-1,147**	**N/A**	**Aqueous**	**GC/MS R**	**02/18/09**	**02/19/09 03:09**	**090218L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	113	74-140			1,2-Dichloroethane-d4	126	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	100	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-1,154**	**N/A**	**Aqueous**	**GC/MS RR**	**02/19/09**	**02/19/09 15:54**	**090219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	109	74-140			1,2-Dichloroethane-d4	102	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	97	88-112		
1,4-Bromofluorobenzene	93	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates		Date Received:	02/10/09
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0951
Sonoma, CA 95476-6955		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-1,155**	**N/A**	**Aqueous**	**GC/MS RR**	**02/19/09**	**02/20/09 04:01**	**090219L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	108	74-140			1,2-Dichloroethane-d4	102	74-146		
Toluene-d8	99	88-112			Toluene-d8-TPPH	95	88-112		
1,4-Bromofluorobenzene	90	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates		Date Received:	02/10/09
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0951
Sonoma, CA 95476-6955		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	mg/kg

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-16'	**09-02-0951-1-A**	**02/06/09 14:45**	**Solid**	**GC/MS UU**	**02/18/09**	**02/18/09 13:46**	**090218L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	114	73-139			1,2-Dichloroethane-d4	131	73-145		
Toluene-d8	103	90-108			1,4-Bromofluorobenzene	93	71-113		
Toluene-d8-TPPH	102	88-112							

Method Blank	**099-12-798-282**	**N/A**	**Solid**	**GC/MS UU**	**02/18/09**	**02/18/09 12:56**	**090218L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	108	73-139			1,2-Dichloroethane-d4	117	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	90	71-113		
Toluene-d8-TPPH	100	88-112							

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received:	02/10/09
Work Order No:	09-02-0951
Preparation:	EPA 3550B
Method:	EPA 8015B

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB-5-16'	**Solid**	**GC 43**	**02/11/09**	**02/12/09**	**090211S07**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	86	91	64-130	6	0-15	

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: 02/10/09
Work Order No: 09-02-0951
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB-5-16'	**Solid**	**GC 43**	**02/11/09**	**02/12/09**	**090211S08**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	89	84	64-130	5	0-15	

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: 02/10/09
Work Order No: 09-02-0951
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-02-1040-2	**Aqueous**	**GC/MS R**	**02/18/09**	**02/19/09**	**090218S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	89	94	88-118	5	0-7	
Carbon Tetrachloride	125	132	67-145	5	0-11	
Chlorobenzene	87	91	88-118	4	0-7	3
1,2-Dibromoethane	99	104	70-130	5	0-30	
1,2-Dichlorobenzene	85	88	86-116	4	0-8	3
1,1-Dichloroethene	110	114	70-130	3	0-25	
Ethylbenzene	90	94	70-130	4	0-30	
Toluene	88	92	87-123	5	0-8	
Trichloroethene	92	98	79-127	6	0-10	
Vinyl Chloride	97	104	69-129	7	0-13	
Methyl-t-Butyl Ether (MTBE)	110	118	71-131	6	0-13	
Tert-Butyl Alcohol (TBA)	103	101	36-168	2	0-45	
Diisopropyl Ether (DIPE)	95	98	81-123	3	0-9	
Ethyl-t-Butyl Ether (ETBE)	99	103	72-126	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	97	104	72-126	7	0-12	
Ethanol	76	79	53-149	4	0-31	

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: 02/10/09
Work Order No: 09-02-0951
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-02-1368-2	**Aqueous**	**GC/MS RR**	**02/19/09**	**02/19/09**	**090219S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	93	91	88-118	2	0-7	
Carbon Tetrachloride	101	101	67-145	0	0-11	
Chlorobenzene	90	89	88-118	0	0-7	
1,2-Dibromoethane	95	92	70-130	3	0-30	
1,2-Dichlorobenzene	91	90	86-116	2	0-8	
1,1-Dichloroethene	98	97	70-130	1	0-25	
Ethylbenzene	90	91	70-130	0	0-30	
Toluene	96	94	87-123	2	0-8	
Trichloroethene	96	95	79-127	2	0-10	
Vinyl Chloride	91	91	69-129	0	0-13	
Methyl-t-Butyl Ether (MTBE)	100	96	71-131	4	0-13	
Tert-Butyl Alcohol (TBA)	70	78	36-168	4	0-45	
Diisopropyl Ether (DIPE)	117	113	81-123	3	0-9	
Ethyl-t-Butyl Ether (ETBE)	110	107	72-126	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	96	93	72-126	3	0-12	
Ethanol	93	91	53-149	2	0-31	

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: 02/10/09
Work Order No: 09-02-0951
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-02-1079-6	**Aqueous**	**GC/MS RR**	**02/19/09**	**02/20/09**	**090219S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	91	88-118	2	0-7	
Carbon Tetrachloride	103	101	67-145	2	0-11	
Chlorobenzene	87	87	88-118	0	0-7	3
1,2-Dibromoethane	90	92	70-130	2	0-30	
1,2-Dichlorobenzene	86	87	86-116	1	0-8	
1,1-Dichloroethene	100	97	70-130	2	0-25	
Ethylbenzene	87	86	70-130	1	0-30	
Toluene	92	91	87-123	1	0-8	
Trichloroethene	91	89	79-127	2	0-10	
Vinyl Chloride	94	94	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	86	85	71-131	0	0-13	
Tert-Butyl Alcohol (TBA)	90	88	36-168	2	0-45	
Diisopropyl Ether (DIPE)	115	116	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	108	107	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	91	93	72-126	2	0-12	
Ethanol	101	105	53-149	4	0-31	

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: 02/10/09
Work Order No: 09-02-0951
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB-5-16'	**Solid**	**GC/MS UU**	**02/18/09**	**02/18/09**	**090218S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	103	79-115	0	0-13	
Carbon Tetrachloride	111	108	55-139	2	0-15	
Chlorobenzene	99	97	79-115	2	0-17	
1,2-Dibromoethane	100	95	70-130	6	0-30	
1,2-Dichlorobenzene	96	90	63-123	7	0-23	
1,1-Dichloroethene	105	103	69-123	2	0-16	
Ethylbenzene	104	102	70-130	2	0-30	
Toluene	99	98	79-115	1	0-15	
Trichloroethene	99	98	66-144	1	0-14	
Vinyl Chloride	90	91	60-126	1	0-14	
Methyl-t-Butyl Ether (MTBE)	101	95	68-128	6	0-14	
Tert-Butyl Alcohol (TBA)	97	101	44-134	3	0-37	
Diisopropyl Ether (DIPE)	110	105	75-123	5	0-12	
Ethyl-t-Butyl Ether (ETBE)	106	101	75-117	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	103	99	79-115	5	0-12	
Ethanol	97	81	42-138	18	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Conestoga-Rovers & Associates		Date Received:	N/A
19449 Riverside Drive, Suite 230		Work Order No:	09-02-0951
Sonoma, CA 95476-6955		Preparation:	EPA 3550B
		Method:	EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-025-624	**Solid**	**GC 43**	**02/11/09**	**02/12/09**	**090211B07**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	106	105	75-123	0	0-12	

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:	09-02-0951
Preparation:	EPA 3510C
Method:	EPA 8015B

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-211-964	**Aqueous**	**GC 47**	**02/12/09**	**02/14/09**	**090212B12**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	116	112	75-117	4	0-13	

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:	09-02-0951
Preparation:	EPA 3510C
Method:	EPA 8015B (M)

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-234-374	**Aqueous**	**GC 47**	**02/12/09**	**02/14/09**	**090212B13**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	97	98	75-117	1	0-13	

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:	09-02-0951
Preparation:	EPA 3550B
Method:	EPA 8015B (M)

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-254-680	**Solid**	**GC 43**	**02/11/09**	**02/12/09**	**090211B08**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	90	89	75-123	1	0-12	

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: 09-02-0951
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-1,147	**Aqueous**	**GC/MS R**	**02/18/09**	**02/19/09**	**090218L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	95	92	84-120	78-126	4	0-8	
Carbon Tetrachloride	137	130	63-147	49-161	5	0-10	
Chlorobenzene	97	91	89-119	84-124	7	0-7	
1,2-Dibromoethane	100	95	80-120	73-127	6	0-20	
1,2-Dichlorobenzene	90	87	89-119	84-124	3	0-9	ME
1,1-Dichloroethene	121	116	77-125	69-133	4	0-16	
Ethylbenzene	102	98	80-120	73-127	4	0-20	
Toluene	96	91	83-125	76-132	5	0-9	
Trichloroethene	109	105	89-119	84-124	4	0-8	
Vinyl Chloride	113	110	63-135	51-147	3	0-13	
Methyl-t-Butyl Ether (MTBE)	109	105	82-118	76-124	4	0-13	
Tert-Butyl Alcohol (TBA)	97	94	46-154	28-172	3	0-32	
Diisopropyl Ether (DIPE)	101	92	81-123	74-130	9	0-11	
Ethyl-t-Butyl Ether (ETBE)	101	96	74-122	66-130	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	97	94	76-124	68-132	3	0-10	
Ethanol	85	80	60-138	47-151	7	0-32	
TPPH	115	113	65-135	53-147	1	0-30	

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

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 09-02-0951
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-1,154	**Aqueous**	**GC/MS RR**	**02/19/09**	**02/19/09**	**090219L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	94	95	84-120	78-126	1	0-8	
Carbon Tetrachloride	108	108	63-147	49-161	0	0-10	
Chlorobenzene	91	91	89-119	84-124	1	0-7	
1,2-Dibromoethane	95	97	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	91	89	89-119	84-124	2	0-9	
1,1-Dichloroethene	105	103	77-125	69-133	2	0-16	
Ethylbenzene	91	92	80-120	73-127	1	0-20	
Toluene	95	95	83-125	76-132	0	0-9	
Trichloroethene	96	96	89-119	84-124	0	0-8	
Vinyl Chloride	98	95	63-135	51-147	3	0-13	
Methyl-t-Butyl Ether (MTBE)	91	88	82-118	76-124	4	0-13	
Tert-Butyl Alcohol (TBA)	89	85	46-154	28-172	5	0-32	
Diisopropyl Ether (DIPE)	120	117	81-123	74-130	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	112	109	74-122	66-130	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	96	95	76-124	68-132	1	0-10	
Ethanol	106	102	60-138	47-151	4	0-32	
TPPH	103	103	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
19449 Riverside Drive, Suite 230
Sonoma, CA 95476-6955

Date Received: N/A
Work Order No: 09-02-0951
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-1,155	**Aqueous**	**GC/MS RR**	**02/19/09**	**02/20/09**	**090219L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	92	93	84-120	78-126	0	0-8	
Carbon Tetrachloride	107	104	63-147	49-161	3	0-10	
Chlorobenzene	89	90	89-119	84-124	1	0-7	
1,2-Dibromoethane	92	94	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	88	88	89-119	84-124	0	0-9	ME
1,1-Dichloroethene	104	100	77-125	69-133	4	0-16	
Ethylbenzene	90	91	80-120	73-127	1	0-20	
Toluene	93	93	83-125	76-132	1	0-9	
Trichloroethene	96	95	89-119	84-124	0	0-8	
Vinyl Chloride	100	95	63-135	51-147	5	0-13	
Methyl-t-Butyl Ether (MTBE)	84	82	82-118	76-124	2	0-13	
Tert-Butyl Alcohol (TBA)	88	90	46-154	28-172	2	0-32	
Diisopropyl Ether (DIPE)	113	110	81-123	74-130	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	103	101	74-122	66-130	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	88	90	76-124	68-132	2	0-10	
Ethanol	108	110	60-138	47-151	2	0-32	
TPPH	98	101	65-135	53-147	3	0-30	

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

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 09-02-0951
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 8930 Bancroft Ave., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-282	**Solid**	**GC/MS UU**	**02/18/09**	**02/18/09**	**090218L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	103	102	84-114	79-119	1	0-7	
Carbon Tetrachloride	113	110	66-132	55-143	2	0-12	
Chlorobenzene	103	100	87-111	83-115	2	0-7	
1,2-Dibromoethane	107	106	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	101	101	79-115	73-121	0	0-8	
1,1-Dichloroethene	102	103	73-121	65-129	2	0-12	
Ethylbenzene	107	105	80-120	73-127	2	0-20	
Toluene	101	100	78-114	72-120	1	0-7	
Trichloroethene	102	100	84-114	79-119	2	0-8	
Vinyl Chloride	90	91	63-129	52-140	1	0-15	
Methyl-t-Butyl Ether (MTBE)	103	105	77-125	69-133	3	0-11	
Tert-Butyl Alcohol (TBA)	93	102	47-137	32-152	9	0-27	
Diisopropyl Ether (DIPE)	114	113	76-130	67-139	1	0-8	
Ethyl-t-Butyl Ether (ETBE)	112	112	76-124	68-132	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	109	110	82-118	76-124	1	0-11	
Ethanol	112	106	59-131	47-143	5	0-21	
TPPH	88	88	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: 09-02-0951

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

Shell Oil Products Chain Of Custody Record

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

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

Print Bill To Contact Name: Denis Brown
PO # | SAP #
INCIDENT # (ENV SERVICES): 9 8 9 9 5 7 4 2 ☐ CHECK IF NO INCIDENT # APPLIES
DATE: 2/6/09
PAGE: 1 of 1

SAMPLING COMPANY: Conestoga-Rovers & Associates
LOG CODE: CRAW
SITE ADDRESS: Street and City: 8930 Bancroft Ave, Oakland
State: CA
GLOBAL ID NO.:
ADDRESS: 19449 Riverside Drive, Suite 230, Sonoma, California 95476
EDF DELIVERABLE TO (Name, Company, Office Location): Felicia Ballard, CRA, Sonoma
PHONE NO.: 707-935-4850
E-MAIL: sonomaedf@craworld.com
CONSULTANT PROJECT NO.: 241408-2008-10
PROJECT CONTACT (Hardcopy or PDF Report to): Dennis Baertschi
TELEPHONE: 707-268-3813
FAX: 707-268-8180
E-MAIL: dbaertschi@craworld.com
SAMPLER NAME(S) (Print): Carmen Rodriguez
LAB USE ONLY: 02-0951

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 :
☑ 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 - 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-Motor Oil (8015M)	Container PID Readings or Laboratory Notes
1	SB-S-16'	2/6	1445	SO						7	X	X	X	X										X	
[redacted]																									
2	SB-4-16'-17'W	2/6	1330	W	3			2		4															
3	SB-3-16'-17'W	2/6	1480	W	3			2		4															
[redacted]																									
4	V-2-16'-17'W	2/6	1600	W	3			1		4															
5	SB-S-15'-16'W	2/6	1100	W	3					3															

		Date	Time
Relinquished by: (Signature) Carmen Rodriguez	Received by: (Signature) secure location	2/6/09	1935
Relinquished by: (Signature)	Received by: (Signature)	2/9/09	1025
Relinquished by: (Signature) 2-9-09 1730	Received by: (Signature)	2/10/09	1000

5112 45167

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-02-0951

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: CRA

DATE: 02/10/09

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

Temperature 2.3 °C - 0.2 °C (CF) = 2.1 °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: JP

CUSTODY SEALS INTACT:

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

☐ Sample ☐_____ ☐ No (Not Intact) ☒ Not Present Initial: YL

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

CONTAINER TYPE:

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

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

Air: ☐Tedlar® ☐Summa® ☐_____

Checked/Labeled by: YL

Reviewed by: WSC

Scanned by: YL

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

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