Groundwater Monitoring Report for the Semiannual Reporting Period from October 1, 2008 through June 30, 2009 Former Cox Cadillac Property 230 Bay Place Oakland, California (ACEH Fuel Leak Case Number RO0000148 and Geotracker Global ID Number T0600100193)

July 31, 2009
001-09171-17

Prepared for:
Bond CC Oakland, LLC
350 W. Hubbard Street, Suite 4560
Chicago, Illinois 60610

LFR an ARCADIS company

July 31, 2009 001-09171-17

Mr. Paresh Khatri
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: Groundwater Monitoring Report for the Semiannual Reporting Period from October 1, 2008 through June 30, 2009, Former Cox Cadillac Property, 230 Bay Place, Oakland, California (ACEH Fuel Leak Case Number RO0000148 and Geotracker Global ID Number T0600100193)

Dear Mr. Khatri:

LFR Inc. has prepared this semiannual groundwater monitoring report on behalf of Bond CC Oakland, LLC, to summarize the activities conducted during the monitoring period from October 1, 2008 through June 30, 2009 at the former Cox Cadillac property, located at 230 Bay Place, Oakland, California ("the Site").

The periodic groundwater monitoring was performed in accordance with the Revised Corrective Action Plan (RCAP), dated June 4, 2004. The RCAP superseded the Corrective Action Plan originally submitted to Alameda County Environmental Health (ACEH) on April 8, 2004. The purpose of the RCAP was to summarize the results of the remedial investigations and the interim remedial measures conducted to date at the Site and, based on the results of these site activities, to propose a corrective action for the remediation of soil and groundwater at the Site. ACEH subsequently approved the proposed interim remediation work plan, described in the RCAP, in a letter dated October 6, 2004.

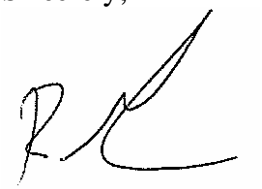
As discussed during our meeting on July 10, 2008, the periodic groundwater monitoring and reporting schedule for this project has been changed in frequency from quarterly to semiannually (twice a year). This first semiannual monitoring period included a nine month time interval to allow the periodic monitoring and reporting periods to match the calendar (i.e., January 1 to June 30 and July 1 to December 31).

510.652.4500 m
510.652.2246 f
1900 Powell Street, 12th Floor
Emeryville, California 94608
Offices Nationwide
www.lfr.com

LFR an ARCADIS company

If you have any questions or comments, please contact me at (510) 652-4500.

Sincerely,



Ron Goloubow, P.G.
Senior Associate Geologist

Enclosure

cc: Robert Bond, Bond CC Oakland, LLC
Alan Lee, Bond CC Oakland, LLC

bond
COMPANIES

July 31, 2009

Mr. Paresh Khatri
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: Groundwater Monitoring Report for the Semiannual Reporting Period from October 1, 2008 through June 30, 2009, Former Cox Cadillac Property, 230 Bay Place, Oakland, California (ACEH Fuel Leak Case Number RO0000148 and Geotracker Global ID Number T0600100193)

Dear Mr. Khatri:

I certify under penalty of law that this document and all attachments are prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions or comments, please call me at (312) 853-0700 or Ron Goloubow of LFR Inc. at (510) 596-9550.

Sincerely,

Bond CC Oakland, LLC

Robert Bond on behalf of the Manager

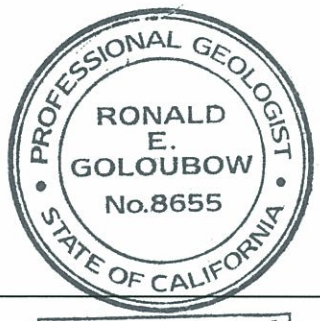
Chicago: 350 W. Hubbard Street, Suite 450, Chicago, IL 60610 tel: 312.853.0070 fax: 312.670.0408
Los Angeles: 1317 5th Street, 3rd Floor, Santa Monica, CA 90401 tel: 310.395.4250 fax: 310.395.4350

CONTENTS

APPENDICES

CERTIFICATION

All hydrogeologic and geologic information, conclusions, and recommendations in this document have been prepared under the supervision of and reviewed by an LFR Inc. California Professional Geologist. *



Expires Nov. 30, 2011

7/31/09

Ronald E. Goloubow
Senior Associate Geologist
California Professional Geologist (8655)

Date

* A professional geologist's certification of conditions comprises a declaration of his or her professional judgment. It does not constitute a warranty or guarantee, expressed or implied, nor does it relieve any other party of its responsibility to abide by contract documents, applicable codes, standards, regulations, and ordinances.

1.0 INTRODUCTION

1.1 Purpose of the Report

LFR Inc. (LFR) has prepared this semiannual groundwater monitoring report on behalf of Bond CC Oakland, LLC ("Bond") to summarize the activities conducted during the monitoring period from October 1, 2008 through June 30, 2009 ("the reporting period") at the former Cox Cadillac property, located at 230 Bay Place, Oakland, California ("the Site"; Alameda County Environmental Health [ACEH] Fuel Leak Case Number RO0000148 and Geotracker Global ID Number T0600100193).

As discussed during a meeting between representatives of Bond, ACEH, and LFR that took place on July 10, 2008, the periodic groundwater monitoring and reporting schedule for this project was changed from quarterly to semiannually (twice a year). The current periodic monitoring and reporting schedule was allowed to include October through December so that the semiannual monitoring periods will synchronize with the calendar (i.e., January through June and July through December).

The periodic groundwater monitoring was performed in accordance with the Revised Corrective Action Plan (RCAP), dated June 4, 2004 (LFR 2004a). The RCAP superseded the Corrective Action Plan originally submitted to ACEH on April 8, 2004. The purpose of the RCAP was to summarize the results of the remedial investigations and the interim remedial measures conducted to date at the Site and, based on the results of these site activities, to propose a corrective action for the remediation of soil and groundwater at the Site. ACEH subsequently approved the proposed interim remediation work plan, described in the RCAP, in a letter dated October 6, 2004.

1.2 Background

The Site was formerly occupied by Cox Cadillac and was used for automobile sales and service. A portion of the facility was formerly used as a sales showroom and offices, while the remainder was formerly used for automobile storage, bodywork, painting, and indoor service. Currently, the Site has been redeveloped into a Whole Foods Market; construction activities were completed and the store opened in September 2007.

The site vicinity is primarily residential, commercial, and light-industrial facilities, mainly automobile dealerships and service stations. Single-family and multi-unit residential buildings occupy the property to the northeast and southeast of the Site. The property to the northwest of the Site is occupied by a church and associated school. An automobile dealership, auto repair shops, and a service station occupy the properties to the south and west of the Site across Bay Place. The surface topography in the site vicinity slopes gently to the west from Vernon Street to Bay Place.

Total petroleum hydrocarbons (TPH) as gasoline (TPHg); TPH as diesel (TPHd); TPH as motor oil (TPHmo); benzene, toluene, ethylbenzene, and total xylenes (BTEX); and methyl tertiary-butyl ether (MTBE; collectively referred to as chemicals of potential concern [COPCs]) have been detected in soil and groundwater samples collected at the Site. A partial summary of the analytical results of groundwater samples previously collected at the Site is included as Appendix A.

The RCAP presented a description and evaluation of the corrective actions that were implemented to reduce the concentrations of the COPCs that have been detected in the soil and groundwater at the Site. The interim remedial actions described in the RCAP and the "Addendum to the Revised Corrective Action Plan, Former Cox Cadillac Property, 230 Bay Place, Oakland, California," dated June 17, 2004 (LFR 2004b), were approved by ACEH in a letter dated October 6, 2004. The proposed interim remedial action for the Site was to conduct an excavation to remove the source for the affected groundwater, and to conduct periodic groundwater monitoring and reporting to assess the effectiveness of the removal action.

1.3 Excavation and Disposal of Soil

During the period from September 16 to December 16, 2005, LFR supervised the excavation of affected soil in the vicinity of the former gasoline and waste oil underground storage tanks (USTs) that contained concentrations of target analytes above the remediation goals. A total of approximately 5,000 tons of TPH-affected soil was excavated from this area. The soil excavated from the TPH-affected area was temporarily stockpiled and subsequently disposed of as Class 2 waste material at Allied Waste's Forward Landfill, located in Manteca, California. In addition, approximately 250 tons of brick and concrete debris removed from the area of excavation were disposed of at Allied Waste's Keller Canyon Landfill, located in Pittsburg, California. In addition to the 5,000 tons of petroleum-affected soil removed from the Site, approximately 245,000 gallons of potentially petroleum-affected water were removed from the Site after the excavation filled with water.

A detailed description of the activities associated with this excavation work and the findings of the confirmation soil sampling are included in LFR's report entitled "Results of the Implementation of the Revised Corrective Action Plan, Former Cox Cadillac Site, 230 Bay Place, Oakland, California," dated August 3, 2007 (LFR 2007).

1.4 Installation of Groundwater Monitoring Wells

LFR installed five new groundwater monitoring wells at locations illustrated on Figure 2 between August 28 and September 20, 2007. The total depth of each well ranges from approximately 13 feet below ground surface (bgs) at well LF-5 to approximately 23 feet bgs at well LF-1. Each monitoring well was constructed using 2-inch-diameter Schedule 40 polyvinyl chloride (PVC) well casing and machine-slotted Schedule 40 PVC well screens with a 0.010-inch slot size. To comply with a request from ACEH, the well screen intervals were limited to approximately 4 feet. Details

regarding the installation of the groundwater monitoring wells were included in the "Groundwater Monitoring Report for the Quarterly Reporting Period from October 1 through December 31, 2007," dated January 31, 2008 (LFR 2008a).

1.5 Groundwater Designation

Currently the cleanup goals designated for groundwater at the Site are the San Francisco Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) for commercial sites where groundwater is a current or potential source of drinking water (RWQCB 2008). Based on the location of this Site, the shallow groundwater in this area of Oakland is likely not a potential source of drinking water. To demonstrate that the groundwater beneath the Site is not a potential source of drinking water, LFR conducted the following specific activities during the monitoring period of July 1 through September 30, 2008:

- Groundwater samples collected from each well were analyzed for total dissolved solids (TDS).
- The volume of groundwater that could be extracted from each well was estimated/calculated by conducting step drawdown tests on wells LF-2 and LF-3.

1.5.1 TDS

Groundwater samples collected from the wells during the last quarterly event, (September 8, 2008) were submitted to a state-certified laboratory for the analysis of TDS. Analytical results for TDS ranged from 10,200 milligrams per liter (mg/L) in the sample collected from well LF-1 to 900 mg/L in the sample collected from well LF-5; the concentrations of TDS for samples collected from wells LF-2, LF-3, and LF-4 were 1,300 mg/L, 1,610 mg/L, and 3,200/3,340 mg/L (primary/duplicate sample), respectively (LFR 2008c). Each of these concentrations exceeds the United States Environmental Protection Agency (U.S. EPA) drinking water standard for TDS of 500 mg/L (RWQCB 2007). TDS concentrations exceeded the RWQCB Basin Plan drinking water standard for TDS of 3,000 mg/L for two of the five samples collected (RWQCB 2007). Based on these data, the groundwater at the Site is of poor quality and would not likely be considered a source of drinking water.

1.5.2 Step Drawdown Tests on Wells LF-2 and LF-3

Step drawdown tests were conducted at wells LF-2 and LF-3 to assess what volume of groundwater could be supplied by the shallow sediments at the Site. Initially the pumping rate at well LF-2 was set at approximately 1,000 milliliters per minute (ml/min) or 0.26 gallons per minute (gpm). However, the water level in the well decreased approximately 1 foot in approximately 10 minutes. Based on this result, the pumping rate at well LF-2 was decreased to between approximately 600 and 700 ml/min. This pumping rate was sustained for 60 minutes. Based on this short-term step drawdown test it appears that this well could sustain a pumping rate of between

approximately 600 and 700 ml/min or 0.18 gpm for 40 minutes. Based on a 0.18 gpm pumping rate, it was extrapolated that the well could potentially yield approximately 260 gallons in 24 hours of continuous pumping (LFR 2008c). Given the relatively thin saturated sediment interval at the well LF-2 location (approximately 6 feet), it is unlikely that the well could sustain a pumping rate of 0.18 gpm for 24 hours and yield the 200 gallons of water needed to designate the groundwater as a source of drinking water.

A step drawdown test was also conducted at well LF-3. Initially the pumping rate was set at well LF-3 at approximately 750 ml/min or 0.20 gpm. However, the well dewatered in approximately 50 minutes (LFR 2008c). Based on this short-term test, it appears that the water-bearing sediments at this well could not sustain a pumping rate of approximately 750 ml/min or 0.20 gpm. Given the failure of this well to sustain a significant yield (more than 200 gallons per day), the saturated sediments at this well are not a source of drinking water.

1.6 Cleanup Goals for Groundwater

Based on the results of the groundwater samples analyzed for TDS and the results of the step drawdown testing, LFR is proposing the following revised cleanup goals for groundwater for this Site. The proposed cleanup goals are ESLs at commercial sites where groundwater is not a current or potential source of drinking water (RWQCB 2008).

Proposed Cleanup Goals

Chemicals of Potential Concern	RWQCB ESL (µg/L)
TPHg	210
TPHd	210
TPHmo	210
Benzene	46
Toluene	130
Ethylbenzene	43
Total Xylenes	100
MTBE	1,800

Note: µg/L = micrograms per liter

1.7 Site Closure

Concentrations of MTBE detected in groundwater samples collected from well LF-3 will likely continue to exceed the proposed cleanup goals for groundwater that is not considered a drinking water source. The ACEH acknowledged that Bond has assessed the lateral and vertical extent of MTBE at locations on and off site. The ACEH has also acknowledged that there is no feasible approach or technology available to further reduce the concentrations of MTBE in groundwater in this portion of the Site. Therefore, our understanding from the meeting is that the ACEH will consider this Site as a "Low Risk Fuel Site." As such, only periodic groundwater monitoring and reporting will be required.

During the July 2008 meeting, the ACEH indicated that they may provide Bond a letter stating that no further investigation or remediation is necessary at this Site even if the concentrations of MTBE in groundwater are still greater than the cleanup goal. The letter would be prepared after groundwater monitoring and reporting has been completed, and a trend for the analytes is established for the groundwater quality at the Site. The length of time that periodic groundwater monitoring and reporting would be required was not established.

2.0 SEMIANNUAL GROUNDWATER MONITORING REPORT

The following activities were performed during this reporting period:

- Conducted groundwater monitoring on January 16, 2009
- Removed purge water from the Site on March 17, 2009

2.1 Groundwater Elevation and Gradient

Depth to groundwater was measured in the five groundwater monitoring wells on January 16, 2009. The groundwater elevation in each well was calculated using the surveyed top of casing elevation; results are summarized in Table 1. Groundwater elevation data and contours are presented on Figure 2. The depth to groundwater in the wells measured on January 16, 2009 ranged from 2.39 to 5.33 feet bgs in the five wells.

The groundwater elevation contours indicate that the groundwater flow direction beneath the Site was generally toward the south–southwest on January 16, 2009, with a horizontal groundwater gradient of approximately 0.05 foot per foot measured between wells LF-5 and LF-3. This gradient and flow direction is generally consistent with the historical gradient and flow direction previously observed at this Site by LFR and previous consultants. However, it appears that shallow groundwater preferentially flows more towards the southern portion of the Site, where the large excavation was conducted.

2.2 Groundwater Sampling

Groundwater samples were collected from the five monitoring wells on January 16, 2009, using low-flow groundwater sampling techniques. The intake of the low-flow pump was placed near the middle of the screened interval and purged continuously until the basic groundwater parameters stabilized, or until the well had been purged for approximately 30 minutes or of two gallons. Field parameters were recorded on log sheets and are summarized in Table 2.

Groundwater samples were collected directly from the hose of the pump and conveyed into laboratory-supplied sample containers. The containers were labeled with the well identification number, the time and date of collection, the analysis requested, and the initials of the sampler. The samples were stored in an ice-chilled cooler and maintained under strict chain-of-custody protocols as they were submitted to the analytical laboratory.

The groundwater samples were submitted to Curtis & Tompkins, Ltd., a state-certified laboratory located in Berkeley, California, and analyzed for TPHg and TPHd using U.S. EPA test method 8015, modified. The samples were also analyzed for BTEX and fuel oxygenates using U.S. EPA test method 8260B. Analytical results of groundwater samples are presented in Table 3, and copies of the laboratory data sheets and chain-of-custody documents are presented in Appendix B.

2.2.1 Analytical Results for Groundwater Samples

Analytical results for the groundwater samples collected during this monitoring event are summarized in Table 3 and presented on Figure 3. Historical groundwater-quality results are presented in Appendix A; and the locations of the former wells on the Site

are shown on Figure 2. As indicated in Table 3 and on Figure 3, the removal actions that took place at the Site have significantly improved groundwater quality in the vicinity of wells LF-1 and LF-5. Concentrations of TPHg and BTEX were not present above the laboratory reporting limits in samples collected from either well. These analytical results are consistent with the results of samples collected at the Site in October 2007 and February and March 2008 (LFR 2008a). The analytical results for groundwater samples collected at the Site during this reporting period have been compared to the proposed revised cleanup goals (RWQCB ESLs for sites where groundwater is and is not considered a source of drinking water; RWQCB 2008).

Concentrations of petroleum hydrocarbons and BTEX detected in samples collected from former well MW-1 (located near the former waste oil UST location), before it was abandoned during the soil remediation activities, were significantly elevated (Appendix A). Notably, during this groundwater monitoring event, TPHg and TPHd were not present above analytical detection limits in the groundwater sample collected from well LF-1 (located near former well MW-1).

BTEX compounds were not detected in groundwater samples collected during this monitoring event. In the previous quarter low concentrations of these compounds have been detected in samples collected from well LF-4. This was the first time that BTEX was not detected in any of the samples collected from the wells at this Site. The concentrations of these compounds will be assessed during future groundwater monitoring periods.

MTBE was not detected in groundwater samples collected during this monitoring event from wells LF-1, LF-4, and LF-5. MTBE was detected at concentrations of 200 and 7,900 micrograms per liter (μg/L) in the samples collected from wells LF-2 and LF-3, respectively. The concentration of MTBE detected in well LF-3 was above the ESL for MTBE of 1,800 μg/L for sites where groundwater is not considered a source of drinking water. However, the trend of concentrations of MTBE detected in the samples collected from well LF-3 is decreasing (Table 3).

TPHd was detected in samples collected from wells LF-2, LF-3, LF-4, and LF5 at 1,200 μg/L, 280 μg/L, 67/$<$50 μg/L (primary/duplicate sample), and 51 μg/L, respectively. Two of these concentrations are above the ESL of 210 μg/L for TPHd for sites where groundwater is not considered a source of drinking water. The laboratory reported that the hydrocarbons detected in the samples collected from wells LF-2 and LF-3 did not exhibit a chromatographic pattern consistent with their standard for TPHd. The laboratory has provided this comment for previous samples collected from this well and indicates that the TPHd is degraded and not indicative of a recent release. This comment is consistent with the comment for the samples collected at the Site in October 2007, February 2008, and October 2008.

Groundwater quality in the vicinity of monitoring wells LF-2 and LF-3 indicates the presence of petroleum hydrocarbons at significant concentrations (Table 3 and Figure 3). Because these wells are located farther downgradient (south and southwest) from the former UST locations, the effect of the removal actions may not be observed

as quickly as the effect observed closer to the former UST locations. The analytical results of grab groundwater samples collected from soil borings SB-8, UB-1, and SBA, collected in 2004 and 2005 (see Figure 7 in Appendix A), indicate that the lateral extent of shallow groundwater affected by MTBE is limited to the area near well LF-3 and former wells MW-2 and TW-7. Petroleum hydrocarbon concentrations at the Site will be monitored during future monitoring events.

3.0 SCHEDULE

As discussed during our meeting on July 10, 2008 the periodic groundwater monitoring and reporting schedule for this project is now going to be on a semiannual basis (twice a year). Therefore the next sampling will take place in July or August 2009, which will represent the time interval of July through December 2009. The report for that monitoring event will be submitted on or before January 31, 2010.

4.0 REFERENCES

LFR Inc. (LFR). 2007. Results of the Implementation of the Revised Corrective Action Plan, Former Cox Cadillac Site, 230 Bay Place, Oakland, California (Fuel Leak Case No. RO0000148). August 3.

———. 2008a. Groundwater Monitoring Report for the Quarterly Reporting Period from October 1 through December 31, 2007, Former Cox Cadillac Property, 230 Bay Place, Oakland, California (Fuel Leak Case No. RO0000148). January 31.

———. 2008b. Groundwater Monitoring Report for the Quarterly Reporting Period from April 1 through June 30, 2008, Former Cox Cadillac Property, 230 Bay Place, Oakland, California (Fuel Leak Case No. RO0000148). April 30.

———. 2008c. Groundwater Monitoring Report for the Quarterly Reporting Period from July 1 through September 30, 2008, Former Cox Cadillac Property, 230 Bay Place, Oakland, California (Fuel Leak Case No. RO0000148 and Geotracker Global ID Number T0600100193). October 31.

LFR Levine·Fricke (LFR). 2004a. Revised Corrective Action Plan, Former Cox Cadillac Property, 230 Bay Place, Oakland, California. June 4.

———. 2004b. Addendum to the Revised Corrective Action Plan, Former Cox Cadillac Property, 230 Bay Place, Oakland, California. June 17.

Regional Water Quality Control Board (RWQCB). 2007. San Francisco Bay Basin (Region 2) Water Quality Control Plan (Basin Plan). January 18.

———. 2008. Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater (Interim Final – November 2007; Revised May 2008); Environmental Screening Levels ("ESLs"). Technical Document. May.

Table 1
Groundwater Elevations
Former Cox Cadillac Property
230 Bay Place, Oakland, California

Location ID	Date Collected	Top-of-Casing Elevation [1]	Depth to Groundwater [2]	Groundwater Elevation [1]
LF-1	10/8/2007	13.40	2.56	10.84
	2/26/2008	13.40	2.33	11.07
	5/6/2008	13.40	2.15	11.25
	9/8/2008	13.40	1.98	11.42
	1/16/2009	13.40	2.39	11.01
LF-2	10/8/2007	13.13	3.71	9.42
	2/26/2008	13.13	3.78	9.35
	5/6/2008	13.13	4.05	9.08
	9/8/2008	13.13	4.01	9.12
	1/16/2009	13.13	3.94	9.19
LF-3	10/8/2007	13.15	5.24	7.91
	2/26/2008	13.15	5.08	8.07
	5/6/2008	13.15	5.11	8.04
	9/8/2008	13.15	5.24	7.91
	1/16/2009	13.15	5.33	7.82
LF-4	10/8/2007	13.32	5.74	7.58
	2/26/2008	13.32	5.55	7.77
	5/6/2008	13.32	5.61	7.71
	9/8/2008	13.32	5.47	7.85
	1/16/2009	13.32	5.3	8.02
LF-5	10/8/2007	15.92	3.46	12.46
	2/26/2008	15.92	2.97	12.95
	5/6/2008	15.92	2.38	13.54
	9/8/2008	15.92	4.13	11.79
	1/16/2009	15.92	3.29	12.63

Notes:

[1] Top-of-casing and groundwater elevation in North America Vertical Datum 1988

[2] Depth to water measured in feet below top of casing

Table 2
Results of Field Parameters
in Groundwater Samples
Former Cox Cadillac Property
230 Bay Place, Oakland, California

Location ID	Date Collected	Volume Purged (gallons)	Temperature (˚Celsius)	Dissolved Oxygen (mg/L)	pH (units)	Conductivity (mS/cm)	Turbidity (NTU)	ORP (mV)
LF-1	10/8/2007	5.25	18.36	5.82	6.70	10.700	1.65	--
	2/6/2008	1.75	17.15	2.74	6.79	13.279	15.2	57.10
	5/6/2008	5.50	16.95	0.72	6.59	13.187	--	170.30
	9/8/2008	2.5	18.00	0.32	6.59	9.760	--	-153.80
	1/16/2009	4.0	17.88	1.74	6.76	12.695	--	44.30
LF-2	10/8/2007	0.75	22.57	0.28	7.18	1.983	1.33	--
	2/6/2008	2.00	17.73	1.35	6.77	2.580	1.50	-113.20
	5/6/2008	2.00	20.16	0.19	6.49	3.378	--	-137.60
	9/8/2008	2.5	24.16	0.17	6.61	2.452	--	-143.30
	1/16/2009	3.5	19.95	0.14	6.51	2.287	--	-230.40
LF-3	10/8/2007	5.00	20.52	6.07	6.51	2.169	3.92	--
	2/6/2008	1.00	16.64	2.60	6.57	2.047	2.40	158.00
	5/6/2008	2.00	18.82	0.19	6.30	2.338	--	37.10
	9/8/2008	2.5	27.07	0.42	6.43	2.080	--	-37.50
	1/16/2009	3.25	19.60	0.25	6.26	2.372	--	-45.20
LF-4	10/8/2007	0.75	20.00	0.62	6.81	1.465	0.75	--
	2/6/2008	2.00	15.88	1.06	6.96	1.368	1.40	136.20
	5/6/2008	1.50	18.81	0.20	6.83	1.443	--	13.00
	9/8/2008	2.5	23.16	0.46	7.69	0.654	--	54.60
	1/16/2009	4.5	18.76	0.18	6.83	0.410	--	-47.80
LF-5	10/8/2007	1.25	20.55	3.36	7.37	1.014	25.50	--
	2/6/2008	1.50	15.02	5.61	7.58	1.346	30.40	126.20
	5/6/2008	1.50	18.98	1.73	7.73	1.206	--	119.50
	9/8/2008	2.5	22.00	0.23	6.79	0.895	--	17.60
	1/16/2009	1.25	16.37	5.02	7.14	0.723	--	37.20

Notes:

Parameters measured using field instruments; data were collected by LFR Inc.
mg/L = milligrams per liter
mS/cm = milliSiemens per centimeter
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
mV = millivolts
-- = parameter not measured

Table 3
Analytical Results for Volatile Organic Compounds
in Groundwater Samples
Former Cox Cadillac Property
230 Bay Place, Oakland, California
Concentrations in micrograms per liter

Location ID	Date Collected	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPHmo	TPHg	TPHd	MTBE	TDS (mg/L)	TBA	DIPE	ETBE	TAME
LF-1	8-Oct-07	<0.50	<0.50	<0.50	<0.50	<300	<250	<50	<0.50	NA	<50	<2.5	<2.5	<2.5
	6-Feb-08	<0.50	<0.50	<0.50	<0.50	<300	<50	55Y	<2.0	NA	NA	NA	NA	NA
	6-May-08	<0.50	<0.50	<0.50	<0.50	<300	<50	<50	<0.50	NA	NA	NA	NA	NA
	8-Sep-08	<0.50	<0.50	<0.50	<0.50	NA	<50	<50	<0.50	10,200	<5.0	<1.0	<0.50	<0.50
	16-Jan-09	<0.50	<0.50	<0.50	<1.0	NA	<50	<50	<0.50	NA	<5.0	<1.0	<0.50	<0.50
LF-2	8-Oct-07	<2.5	<2.5	<2.5	<2.5	**900**	<250	**1,900Y**	280	NA	<50	<2.5	<2.5	<2.5
Duplicate	8-Oct-07	<0.50	<0.50	<0.50	<0.50	**1,100**	<130	**2,100Y**	250	NA	<25	<1.3	<1.3	<1.3
	6-Feb-08	<2.5	<2.5	<2.5	<2.5	**880**	<50	**1,800Y**	260C	NA	NA	NA	NA	NA
Duplicate	6-Feb-08	<0.50	<0.50	<0.50	<0.50	**800**	<50	**1,700Y**	270C	NA	NA	NA	NA	NA
	6-May-08	<0.50	0.54	<0.50	0.63C	**840**	52Y	**1,500Y**	360	NA	NA	NA	NA	NA
	8-Sep-08	<2.0	<2.0	<2.0	<2.0	NA	<50	**1,400Y**	320	1,300	<2.0	<2.0	<2.0	<2.0
	16-Jan-09	<0.50	<0.50	<0.50	<1.0	NA	130	**1,200 Y**	200	NA	8.8	<1.0	<0.50	<0.50
LF-3	8-Oct-07	<50	<50	<50	<50	<300	<5,000	**350Y**	**12,000**	NA	<1,000	<50	<50	<50
	6-Feb-08	<0.50	<0.50	<0.50	<0.50	<300	<50	**290Y**	**15,000C**	NA	NA	NA	NA	NA
	6-May-08	<0.50	0.70C	<0.50	0.94	<300	58Y	**320Y**	**16,000**	NA	NA	NA	NA	NA
	8-Sep-08	<63	<63	<63	<63	NA	<50	**200Y**	**9,300**	1,610	<63	<63	<63	<63
	16-Jan-09	<50	<50	<50	<100	NA	**6,400**	**280 Y**	**7,900**	NA	5,800	<100	<50	<5.0
LF-4	8-Oct-07	<1.3	<1.3	<1.3	<1.3	<300	<130	**220Y**	230	NA	<25	<1.3	<1.3	<1.3
	6-Feb-08	<0.50	<0.50	<0.50	<0.50	<300	<50	130Y	77C	NA	NA	NA	NA	NA
	6-May-08	<0.50	<0.50	<0.50	<0.50	<300	<50	95Y	130	NA	NA	NA	NA	NA
Duplicate	6-May-08	<0.50	<0.50	<0.50	<0.50	<300	<50	120Y	59	NA	NA	NA	NA	NA
	8-Sep-08	0.8	0.6	1.7	2.3	<300	<50	80Y	24	3,200	<10	<0.50	<0.50	<0.50
Duplicate	8-Sep-08	1.7	1.4	4.1	5.9	NA	<50	75Y	24	3,340	<10	<0.50	<0.50	<0.50
	16-Jan-09	<0.50	<0.50	<0.50	<1.0	NA	<50	67	<0.50	NA	<5.0	<1.0	<0.50	<0.50
Duplicate	16-Jan-09	<0.50	<0.50	<0.50	<1.0	NA	<50	<50	<0.50	NA	<5.0	<1.0	<0.50	<0.50
LF-5	8-Oct-07	<0.50	<0.50	<0.50	<0.50	<300	<50	200Y	<0.50	NA	<10	<0.50	<0.50	<0.50
	6-Feb-08	<0.50	<0.50	<0.50	<0.50	<300	<50	51Y	<2.0	NA	NA	NA	NA	NA
	6-May-08	<0.50	<0.50	<0.50	<0.50	<300	<50	91Y	28	NA	NA	NA	NA	NA
	8-Sep-08	<0.50	<0.50	<0.50	<0.50	NA	<50	53Y	<0.50	900	<10	<0.50	<0.50	<0.50
	16-Jan-09	<0.50	<0.50	<0.50	<1.0	NA	<50	51	<0.50	NA	<5.0	<1.0	<0.50	<0.50

Table 3
Analytical Results for Volatile Organic Compounds
in Groundwater Samples
Former Cox Cadillac Property
230 Bay Place, Oakland, California
Concentrations in micrograms per liter

Location ID	Date Collected	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPHmo	TPHg	TPHd	MTBE	TDS (mg/L)	TBA	DIPE	ETBE	TAME
Screening Criteria														
ESL at a property where groundwater is considered a source of drinking water		1.0	40	30	13	100	100	100	5.0	NE	*18,000*	NE	NE	NE
ESL at a property where groundwater is not considered a source of drinking water		46	130	43	100	210	210	210	1,800	NE	*18,000*	NE	NE	NE

Notes:

Bold font denotes analytical results are above ESLs where groundwater is not a source of drinking water.

Samples were analyzed by Curtis & Tompkins, Ltd., or TestAmerica using EPA Test Methods 8260B and 8015B.

mg/L = milligrams per liter
NA = not analyzed
NE = not established
Duplicate = duplicate sample
TPHd = total petroleum hydrocarbons as diesel
TPHg = total petroleum hydrocarbons as gasoline
TPHmo = total petroleum hydrocarbons as motor oil
TDS = total dissolved solids
MTBE = methyl tertiary-butyl ether
TAME = tertiary-amyl methyl ether
TBA = tertiary-butyl alcohol
DIPE = di-isopropyl ether
ETBE = ethyl tertiary-butyl ether
Y = Sample exhibits chromatographic pattern that does not resemble standard.
C = Presence confirmed, but relative percent difference between columns exceeds 40%.
<2.5 = less than laboratory analytical reporting limit

ESL denotes environmental screening criteria established by the Regional Water Quality Control Board in May 2008 to address environmental protection. Under most circumstances, the presence of a chemical in soil or groundwater at concentrations below the corresponding ESL can be assumed to not pose a significant threat to human health. ESLs can be obtained from http://www.swrcb.ca.gov/rwqcb2/ESL.htm.

N

0 1/2 1 MILE

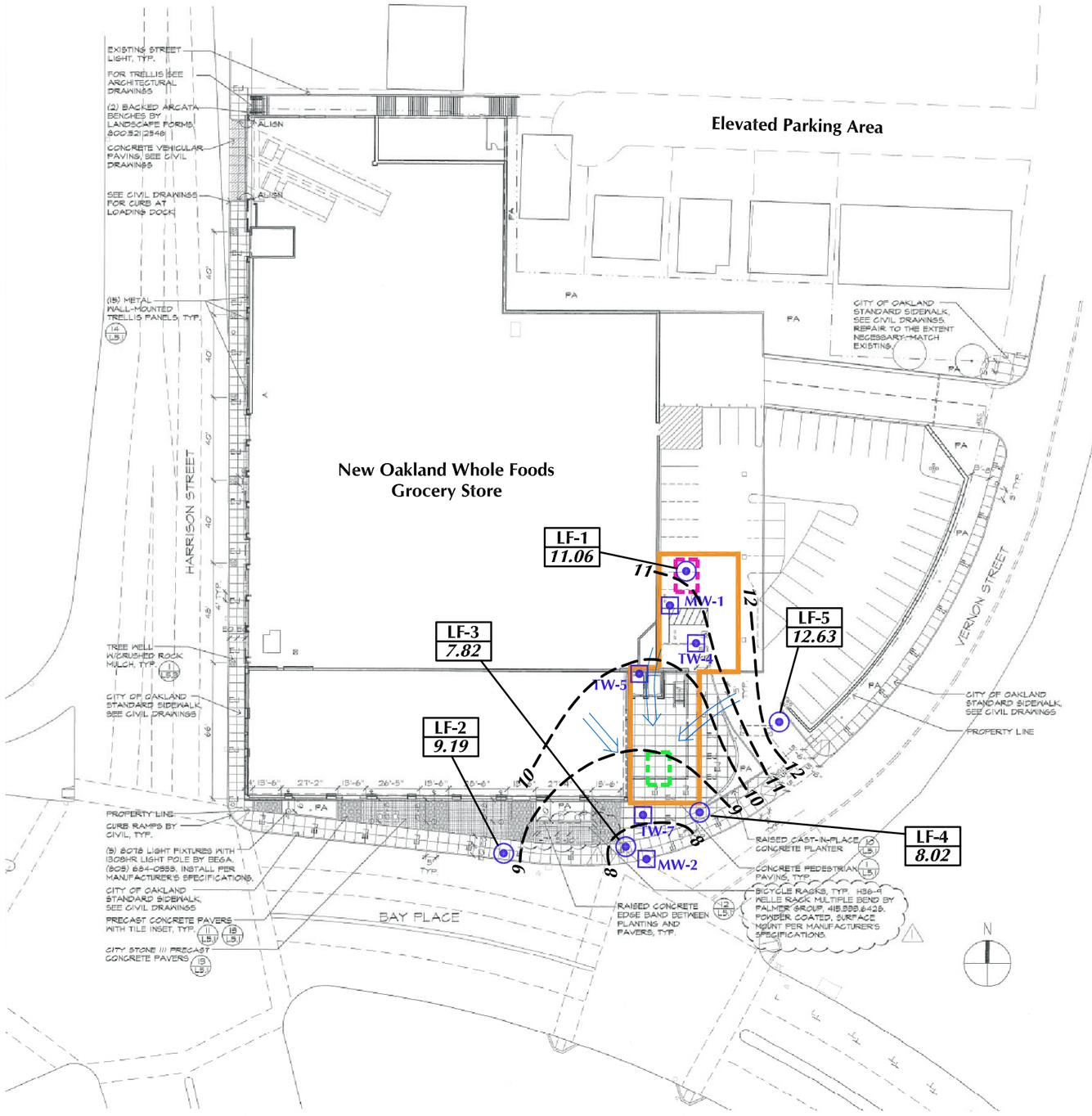
Site Vicinity Map

Former Cox Cadillac, 230 Bay Place, Oakland, California

LFR

Figure 1

DESIGN\001\09171\SiteVicinity.CDR 091803



LAYOUT NOTES

1. VERIFY LOCATION OF ALL BUILDINGS, WALLS, ROADS AND CURBS AFFECTING LANDSCAPE SCOPE OF WORK WITH ARCHITECTURAL AND CIVIL ENGINEER'S DRAWINGS.

2. VERIFY LOCATION OF ALL VAULTS, ELECTRICAL DUCT BANKS, MANHOLES, CONDUIT AND PIPING, DRAINAGE STRUCTURES AND OTHER UTILITIES WITH THE APPROPRIATE ENGINEERING DRAWINGS.

3. TAKE ALL DIMENSIONS FROM FACE OF CURB, WALL OR BUILDING UNLESS OTHERWISE NOTED. ALL DIMENSIONS CALLED OUT AS "EQUAL" ARE EQUIDISTANT MEASUREMENTS TO DESIGNATED CENTERLINE(S).

4. TAKE ALL DIMENSIONS PERPENDICULAR TO ANY REFERENCE LINE, WORK LINE, FACE OF BUILDING, FACE OF WALL, OR CENTERLINE.

5. ALL ANGLES TO BE 90 DEGREES AND ALL LINES OF PAVING AND FENCING TO BE PARALLEL UNLESS NOTED OTHERWISE. MAINTAIN HORIZONTAL ALIGNMENT OF ADJACENT ELEMENTS AS NOTED ON THE DRAWINGS.

6. REFERENCE TO NORTH REFERS TO PROJECT NORTH. REFERENCE TO SCALE IS FOR FULL-SIZED DRAWINGS ONLY. DO NOT SCALE FROM REDUCED DRAWINGS.

7. DIMENSIONS TAKE PRECEDENCE OVER SCALES SHOWN ON DRAWINGS.

8. NOTES AND DETAILS ON SPECIFIC DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.

9. SEE CIVIL ENGINEER'S DRAWINGS FOR ROADWAYS, CURBS, CURB CUTS AND RAMPS, BUILDING SETBACKS AND BENCH MARKS.

LAYOUT LEGEND

CL.....CENTER LINE
EJ.....EXPANSION JOINT
EQ.....EQUAL
PA.....PLANTING AREA
TYP.....TYPICAL

EXPLANATION:

- Approximate Limit of Excavation performed in 2005/2006
- Approximate Location of Former Gasoline UST
- Approximate Location of Former Waste Oil UST
- Current Groundwater Monitoring Well
- Previous Well Location
- Groundwater Elevation Contour (Feet/MSL) Dashed where inferred Contour Interval = one foot
- Approximate Groundwater Flow Direction
- LF-1 / 11.06 — Location ID / Groundwater Elevation (Feet/MSL)
- MSL — Mean Sea Level
- UST — Underground Storage Tank

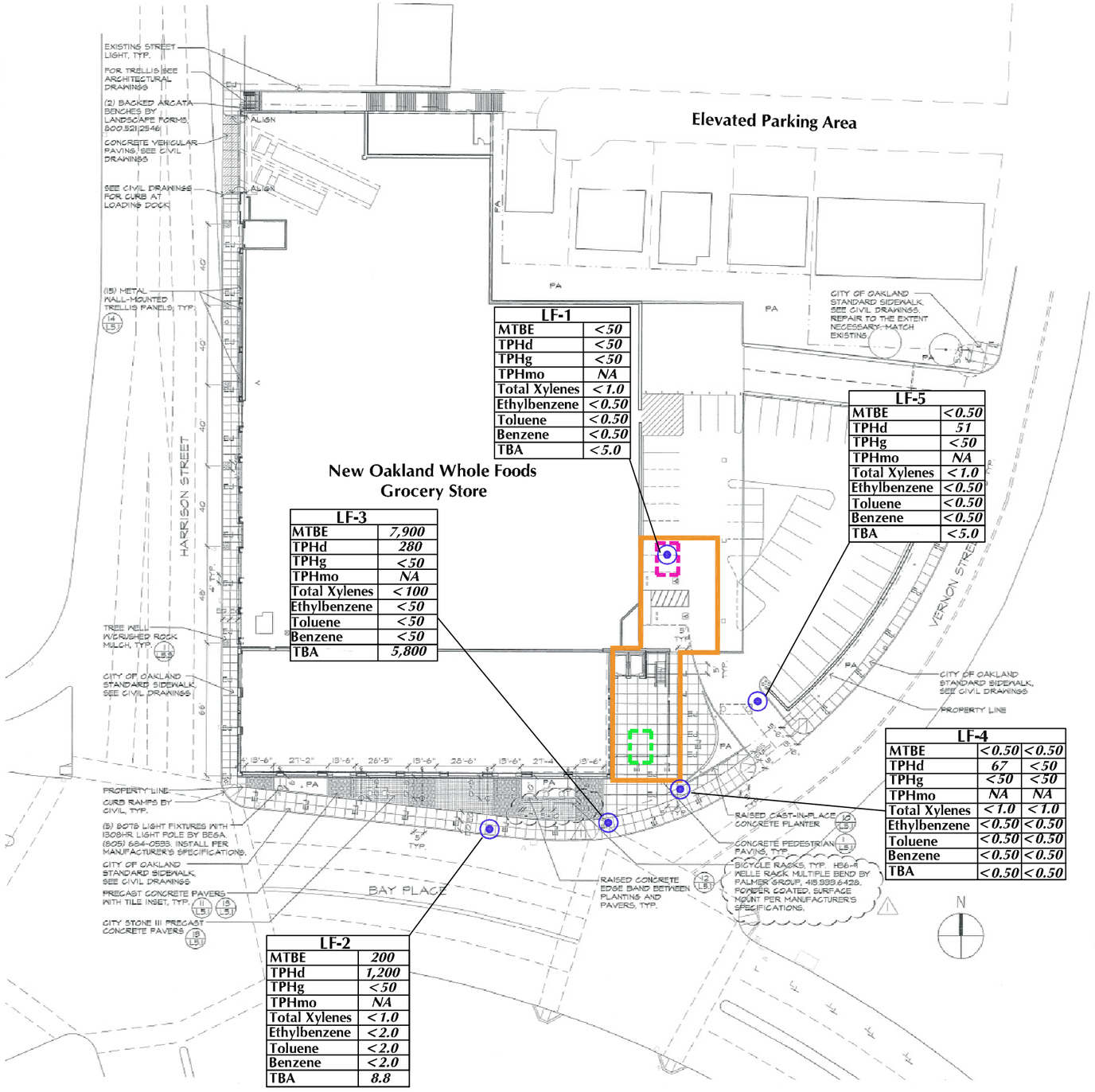
Site Map and Shallow Groundwater Elevation Contour Map January 16, 2009

Former Cox Cadillac, 230 Bay Place, Oakland, California

LFR

Figure 2

BASEMAP SOURCE: Cliff Lowe Associates



LF-1	
MTBE	<50
TPHd	<50
TPHg	<50
TPHmo	NA
Total Xylenes	<1.0
Ethylbenzene	<0.50
Toluene	<0.50
Benzene	<0.50
TBA	<5.0

LF-3	
MTBE	7,900
TPHd	280
TPHg	<50
TPHmo	NA
Total Xylenes	<100
Ethylbenzene	<50
Toluene	<50
Benzene	<50
TBA	5,800

LF-5	
MTBE	<0.50
TPHd	51
TPHg	<50
TPHmo	NA
Total Xylenes	<1.0
Ethylbenzene	<0.50
Toluene	<0.50
Benzene	<0.50
TBA	<5.0

LF-4		
MTBE	<0.50	<0.50
TPHd	67	<50
TPHg	<50	<50
TPHmo	NA	NA
Total Xylenes	<1.0	<1.0
Ethylbenzene	<0.50	<0.50
Toluene	<0.50	<0.50
Benzene	<0.50	<0.50
TBA	<0.50	<0.50

LF-2	
MTBE	200
TPHd	1,200
TPHg	<50
TPHmo	NA
Total Xylenes	<1.0
Ethylbenzene	<2.0
Toluene	<2.0
Benzene	<2.0
TBA	8.8

LAYOUT NOTES

1. VERIFY LOCATION OF ALL BUILDINGS, WALLS, ROADS AND CURBS AFFECTING LANDSCAPE SCOPE OF WORK WITH ARCHITECTURAL AND CIVIL ENGINEER'S DRAWINGS.

2. VERIFY LOCATION OF ALL VAULTS, ELECTRICAL DUCT BANKS, MANHOLES, CONDUIT AND PIPING, DRAINAGE STRUCTURES AND OTHER UTILITIES WITH THE APPROPRIATE ENGINEERING DRAWINGS.

3. TAKE ALL DIMENSIONS FROM FACE OF CURB, WALL OR BUILDING UNLESS OTHERWISE NOTED. ALL DIMENSIONS CALLED OUT AS "EQUAL" ARE EQUIDISTANT MEASUREMENTS TO DESIGNATED CENTERLINE(S).

4. TAKE ALL DIMENSIONS PERPENDICULAR TO ANY REFERENCE LINE, WORK LINE, FACE OF BUILDING, FACE OF WALL, OR CENTERLINE.

5. ALL ANGLES TO BE 90 DEGREES AND ALL LINES OF PAVING AND FENCING TO BE PARALLEL UNLESS NOTED OTHERWISE. MAINTAIN HORIZONTAL ALIGNMENT OF ADJACENT ELEMENTS AS NOTED ON THE DRAWINGS.

6. REFERENCE TO NORTH REFERS TO PROJECT NORTH. REFERENCE TO SCALE IS FOR FULL-SIZED DRAWINGS ONLY. DO NOT SCALE FROM REDUCED DRAWINGS.

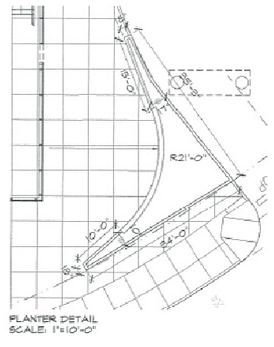
7. DIMENSIONS TAKE PRECEDENCE OVER SCALES SHOWN ON DRAWINGS.

8. NOTES AND DETAILS ON SPECIFIC DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.

9. SEE CIVIL ENGINEER'S DRAWINGS FOR ROADWAYS, CURBS, CURB CUTS AND RAMPS, BUILDING SETBACKS AND BENCH MARKS.

LAYOUT LEGEND

CL.....CENTER LINE
EJ.....EXPANSION JOINT
EQ.....EQUAL
PA.....PLANTING AREA
TYP.....TYPICAL



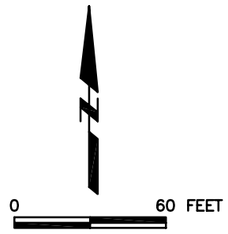
EXPLANATION:

- Approximate Limit of Excavation performed in 2005/2006
- Approximate Location of Former Gasoline UST
- Approximate Location of Former Waste Oil UST
- Groundwater Monitoring Well
- UST — Underground Storage Tank

LF-4		
MTBE	<0.50	<0.50
TPHd	67	<50
TPHg	<50	<50
TPHmo	NA	NA
Total Xylenes	<1.0	<1.0
Ethylbenzene	<0.50	<0.50
Toluene	<0.50	<0.50
Benzene	<0.50	<0.50
TBA	<0.50	<0.50

Duplicate Sample
Chemical Concentration in micrograms per liter (µg/L).
TDS in milligrams per liter.

MTBE	methyl tertiary-butyl ether
TPHd	total petroleum hydrocarbons as diesel
TPHg	total petroleum hydrocarbons as gasoline
TPHmo	total petroleum hydrocarbons as motor oil
TBA	tertiarybutyl alcohol



Total Petroleum Hydrocarbon and Volatile Organic Compound Concentrations in Shallow Groundwater January 16, 2009

Former Cox Cadillac, 230 Bay Place, Oakland, California

LFR

Figure 3

BASEMAP SOURCE: Cliff Lowe Associates

I:\Design\001\09171\17\002\dwg\Site Plan with TPH VOCs Shallow GW JAN 2009.dwg Jun 22,2009-9:43am

APPENDIX A

Historical Groundwater Analytical Data

Table 2
Groundwater Analytical Data
Former Cox Cadillac
230 Bay Place
Oakland, California

Concentration (µg/L)

Well Number	Sample Date		Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g		MTBE		1,2-DCA	EDB	TAME	TBA	DIPE	ETBE	1,1-DCA	Dissolved Lead	Ethanol
MW-1	03/03/93		8,500	7,500	4,400	15,000	110,000		--		350	--	--	--	--	--	--	--	--
MW-1	10/13/93		6,100	4,800	4,000	11,000	74,000		--		350	80	--	--	--	--	--	--	--
MW-1	12/22/94		18,000	11,000	2,800	16,000	110,000		--		130	--	--	--	--	--	<1.0	--	--
MW-1	03/24/95		3,700	1,800	2,200	4,700	25,000		--		130	--	--	--	--	--	<5.0	23	--
MW-1	06/29/95		5,300	2,100	3,200	7,500	28,000		--		110	--	--	--	--	--	<2.0	14	--
MW-1	09/29/95		5,600	2,200	3,800	7,400	43,000		--		98	--	--	--	--	--	<1.0	16	--
MW-1	02/23/96		4,800	3,000	3,400	7,700	46,000		--		96	--	--	--	--	--	<1.0	24	--
MW-1	01/12/99		2,600	970	2,900	5,700	39,000		800		--	--	--	--	--	--	--	--	--
MW-1	04/13/99		1,500	500	<50	4,000	29,000		520		--	--	--	--	--	--	--	--	--
MW-1	07/07/99		1,900	870	1,600	3,900	31,000		<250		--	--	--	--	--	--	--	--	--
MW-1	10/06/99		2,100	910	1,800	4,400	32,000		<250	a	--	--	--	--	--	--	--	--	--
MW-1	01/11/00		52	3.9	63	12	2,400		<5.0	a	--	--	--	--	--	--	--	--	--
MW-1	04/06/01		4,300	3,200	2,600	7,300	32,000		<10	a	--	--	--	--	--	--	--	--	--
MW-1	07/25/01		2,300	1,300	2,500	6,200	24,000		<25	a	--	--	--	--	--	--	--	--	--
MW-1	11/20/01		2,100	890	2,500	3,600	33,000		<100	a	--	--	--	--	--	--	--	--	--
MW-1	01/23/02		2,400	1,400	2,500	5,900	28,000		350		--	--	--	--	--	--	--	--	--
MW-1	04/26/02		3,200	2,400	2,700	6,300	39,000		2,800		--	--	--	--	--	--	--	--	--
MW-1	07/25/02		2,300	1,300	2,500	4,700	26,000		<500		--	--	--	--	--	--	--	--	--
MW-1	10/22/02		2,800	1,300	4,300	8,600	42,000		<10		<50	<50	<50	<100	<50	<50	--	--	--
MW-1	01/27/03		1,600	660	2,100	3,100	20,000		<20		<100	<100	<100	<200	<100	<100	--	--	--
MW-1	10/22/03	b	2,000	800	1,600	2,800	22,000		<20		<20	<20	<20	<200	<40	<20	--	--	<1,000
MW-1	01/30/04		2,700	1,400	2,900	5,800	32,000		<25		<25	<25	<25	<250	<50	<25	--	--	<1,300
MW-2	01/12/99		1.5	<0.50	<0.50	<0.50	<50		2,900		--	--	--	--	--	--	--	--	--
MW-2	04/13/99		0.76	<0.50	<0.50	<0.50	<50		3,800		--	--	--	--	--	--	--	--	--
MW-2	07/07/99		<25	<25	<25	<25	<2,500		7,000	a	--	--	--	--	--	--	--	--	--
MW-2	10/06/99		73	<25	<25	<25	2,800		300	a	--	--	--	--	--	--	--	--	--
MW-2	01/11/00		890	<100	<100	<100	11,000		8,400	a	--	--	--	--	--	--	--	--	--
MW-2	04/06/01		210	<25	<25	<25	2,800		3,800	a	--	--	--	--	--	--	--	--	--
MW-2	07/25/01		250	<12.5	<12.5	<12.5	3,400		4,200	a	--	--	--	--	--	--	--	--	--
MW-2	11/20/01		870	<100	<100	200	12,000		8,700		--	--	--	--	--	--	--	--	--
MW-2	01/23/02		100	<25	<25	<25	3,900		3,300		--	--	--	--	--	--	--	--	--
MW-2	04/26/02		13	<0.50	<0.50	<1.5	90		6,900		--	--	--	--	--	--	--	--	--
MW-2	07/25/02		<50	<50	<50	<100	<5,000		6,600		--	--	--	--	--	--	--	--	--
MW-2	10/22/02		<5.0	<5.0	<5.0	<10	7,800		7,000		<250	<250	<250	<500	<250	<250	--	--	--
MW-2	01/27/03		90	100	60	78	6,100		6,400		<250	<250	<250	<500	<250	<250	--	--	--
MW-2	10/22/03	b	<10	<10	<10	<20	2,000	g	3,000		<10	<10	<10	<100	<20	<10	--	--	<500
MW-2	01/30/04		<25	<25	<25	<50	<2,500		2,100		<25	<25	<25	<250	<50	<25	--	--	<1,300

Table 2
Groundwater Analytical Data
Former Cox Cadillac
230 Bay Place
Oakland, California

Concentration (µg/L)

Well Number	Sample Date		Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g		MTBE	1,2-DCA	EDB	TAME	TBA	DIPE	ETBE	1,1-DCA	Dissolved Lead	Ethanol
TW-1	10/13/93		<0.50	<0.50	<0.50	<0.50	<50		--	<0.50	<0.50	--	--	--	--	--	--	--
TW-2	10/13/93		<0.50	<0.50	<0.50	<0.50	<50		--	<0.50	<0.50	--	--	--	--	--	--	--
TW-2	01/12/99		<0.50	<0.50	<0.50	<0.50	<50		<5.0	--	--	--	--	--	--	--	--	--
TW-2	04/13/99		<0.50	<0.50	<0.50	<0.50	<50		<5.0	--	--	--	--	--	--	--	--	--
TW-2	07/07/99		<0.50	<0.50	<0.50	<0.50	<50		<5.0	--	--	--	--	--	--	--	--	--
TW-2	10/06/99		<0.50	<0.50	<0.50	<0.50	<50		<5.0	--	--	--	--	--	--	--	--	--
TW-2	01/11/00		<0.50	<0.50	<0.50	<0.50	<50		<5.0	--	--	--	--	--	--	--	--	--
TW-2	04/06/01		<0.50	<0.50	<0.50	<0.50	<50		<5.0	--	--	--	--	--	--	--	--	--
TW-2	07/25/01		<0.50	<0.50	<0.50	<0.50	<50		<5.0	--	--	--	--	--	--	--	--	--
TW-2	11/20/01		<0.50	<0.50	<0.50	<0.50	<50		<5.0	--	--	--	--	--	--	--	--	--
TW-2	01/23/02		<0.50	<0.50	<0.50	<0.50	<50		<5.0	--	--	--	--	--	--	--	--	--
TW-2	04/26/02		<0.50	<0.50	<0.50	<1.5	<50		<5.0	--	--	--	--	--	--	--	--	--
TW-2	07/25/02		<0.50	<0.50	<0.50	<1.0	<50		<5.0	--	--	--	--	--	--	--	--	--
TW-2	10/22/02		<0.50	<0.50	<0.50	<1.0	<50		<1.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	--	--	--
TW-2	01/27/03		<0.50	<0.50	<0.50	<1.0	<50		<1.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	--	--	--
TW-2	10/22/03	b	<0.50	<0.50	<0.50	<1.0	53	g	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0	<0.50	--	--	<25
TW-2	01/30/04		<0.50	<0.50	<0.50	<1.0	<50		<0.50	<0.50	<0.50	<0.50	<5.0	<1.0	<0.50	--	--	<25
TW-3	10/13/93		<0.50	<0.50	<0.50	<0.50	<50		--	<0.50	<0.50	--	--	--	--	--	--	--
TW-4	10/13/93		65	18	49	33	2,000		--	<5.0	<5.0	--	--	--	--	--	--	--
TW-4	10/03/03	b	<0.50	0.97	0.63	1.4	<50		<0.50	<0.50	<0.50	<0.50	<5.0	<1.0	<0.50	--	--	<25
TW-5	10/13/93		20,000	25,000	3,800	23,000	140,000		--	<100	<100	--	--	--	--	--	--	--
TW-5	10/03/03	b	4,400	1,700	820	2,900	21,000		<100	<100	<100	<100	<100	<200	<100	--	--	<5,000
TW-6	10/14/93		3,800	1,600	110	540	4,100		--	<1.0	<1.0	--	--	--	--	--	--	--
TW-6	12/22/94		5,400	2,700	3,100	6,800	24,000		--	<1.0	--	--	--	--	--	<1.0	--	--
TW-6	03/24/95		4,900	530	270	380	10,000		--	<2.0	--	--	--	--	--	<2.0	<3.0	--
TW-6	06/29/95		12,000	6,600	1,000	3,000	28,000		--	<1.0	--	--	--	--	--	<1.0	4.2	--
TW-6	09/29/95		19,000	5,200	1,500	4,000	47,000		--	<1.0	--	--	--	--	--	<1.0	3.3	--
TW-6	02/23/96		13,000	5,200	1,100	2,770	25,000		--	<1.0	--	--	--	--	--	<1.0	5.2	--
TW-6	01/12/99		9,900	4,100	1,000	4,000	29,000		210	--	--	--	--	--	--	--	--	--
TW-6	04/13/99		0.70	<0.50	<0.50	0.62	<50		22	--	--	--	--	--	--	--	--	--
TW-6	07/07/99		13	<0.50	<0.50	2.2	55		8.1	a --	--	--	--	--	--	--	--	--
TW-6	10/06/99		0.59	<0.50	<0.50	<0.50	<50		<5	--	--	--	--	--	--	--	--	--
TW-6	01/11/00		<0.50	<0.50	<0.50	<0.50	<50		<5.0	--	--	--	--	--	--	--	--	--
TW-6	04/06/01		<0.50	<0.50	<0.50	<0.50	<50		<5.0	--	--	--	--	--	--	--	--	--

Table 2
Groundwater Analytical Data
Former Cox Cadillac
230 Bay Place
Oakland, California

Concentration (µg/L)

Well Number	Sample Date		Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	MTBE		1,2-DCA	EDB	TAME	TBA	DIPE	ETBE	1,1-DCA	Dissolved Lead	Ethanol
TW-6	07/25/01		<0.50	<0.50	<0.50	<0.50	<50	<5.0		--	--	--	--	--	--	--	--	--
TW-6	11/20/01		<0.50	<0.50	<0.50	<0.50	<50	<5.0		--	--	--	--	--	--	--	--	--
TW-6	01/23/02		<0.50	<0.50	<0.50	<0.50	<50	<5.0		--	--	--	--	--	--	--	--	--
TW-6	04/26/02		<0.50	<0.50	<0.50	<1.5	<50	<5.0		--	--	--	--	--	--	--	--	--
TW-6	07/25/02		0.60	<0.50	<0.50	<1	<50	<5.0		--	--	--	--	--	--	--	--	--
TW-6	10/22/02		<0.50	<0.50	<0.50	<1.0	<50	<1.0		<5.0	<5.0	<5.0	<10	<5.0	<5.0	--	--	--
TW-6	01/27/03		<0.50	<0.50	<0.50	<1.0	<50	<1.0		<5.0	<5.0	<5.0	<10	<5.0	<5.0	--	--	--
TW-6	10/22/03	b	<0.50	<0.50	<0.50	<1.0	<50	<5.0		<0.50	<0.50	<0.50	<5.0	<1.0	<0.50	--	--	<25
TW-6	01/30/04		<0.50	<0.50	<0.50	<1.0	<50	<5.0		<0.50	<0.50	<0.50	<5.0	<1.0	<0.50	--	--	<25
TW-7	10/14/93		48,000	15,000	3,400	16,000	100,000	--		<50	<50	--	--	--	--	--	--	--
TW-7	12/22/94		49,000	33,000	7,300	28,000	210,000	--		<1.0	--	--	--	--	--	<1.0	--	--
TW-7	03/24/95		13,000	7,000	1,500	5,600	56,000	--		<2.0	--	--	--	--	--	<2.0	<3.0	--
TW-7	06/29/95		39,000	8,100	3,000	8,300	100,000	--		<1.0	--	--	--	--	--	<1.0	3.5	--
TW-7	09/29/95		32,000	8,700	2,900	8,600	74,000	--		<1.0	--	--	--	--	--	<1.0	3.5	--
TW-7	02/23/96		22,000	8,400	2,700	6,900	50,000	--		<5.0	--	--	--	--	--	<5.0	3.8	--
TW-7	01/12/99		7,300	670	2,700	960	29,000	<100		--	--	--	--	--	--	--	--	--
TW-7	04/13/99		4,500	1,800	180	8,200	54,000	1,200		--	--	--	--	--	--	--	--	--
TW-7	07/07/99		8,000	4,500	1,200	3,500	42,000	2,200	a	--	--	--	--	--	--	--	--	--
TW-7	10/06/99		9,700	1,600	1,600	2,100	29,000	580	a	--	--	--	--	--	--	--	--	--
TW-7	01/11/00		8,500	7,100	1,600	6,700	52,000	2,600	a	--	--	--	--	--	--	--	--	--
TW-7	04/06/01		4,800	1,800	2,200	3,400	22,000	690	a	--	--	--	--	--	--	--	--	--
TW-7	07/25/01		5,100	660	1,400	2,100	20,000	1,100	a	--	--	--	--	--	--	--	--	--
TW-7	11/20/01		6,400	1,100	1,000	2,400	26,000	1,600		--	--	--	--	--	--	--	--	--
TW-7	01/23/02		5,100	510	2,200	3,900	25,000	1,200		--	--	--	--	--	--	--	--	--
TW-7	04/26/02		4,400	1,300	2,900	2,370	29,000	1,600		--	--	--	--	--	--	--	--	--
TW-7	07/25/02		4,900	470	1,600	1,700	21,000	1,900		--	--	--	--	--	--	--	--	--
TW-7	10/22/02		6,700	410	1,100	1,500	31,000	1,700	a	<100	<100	<100	<200	<100	<100	--	--	--
TW-7	01/27/03		2,700	710	1,900	1,100	17,000	680		<100	<100	<100	<200	<100	<100	--	--	--
TW-7	10/22/03	b	2,900	130	310	370	13,000	660		<13	<13	<13	<130	<25	<13	--	--	<630
TW-7	01/30/04		2,500	520	1,900	550	16,000	300		<25	<25	<25	<250	<50	<25	--	--	<1,300

Table 2
Groundwater Analytical Data
Former Cox Cadillac
230 Bay Place
Oakland, California

Concentration (µg/L)

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	MTBE	1,2-DCA	EDB	TAME	TBA	DIPE	ETBE	1,1-DCA	Dissolved Lead	Ethanol

Notes:

TPHg - Total Petroleum Hydrocarbons as gasoline
MTBE - Methyl tertiary butyl ether
DCA - Dichloroethane
EDB - Ethylene dibromide
TAME - Tertiary amyl methyl ether
TBA - Tertiary butyl alcohol
DIPE - Di-isopropyl ether
ETBE - Ethyl tertiary butyl ether
µg/L = Micrograms per liter.
< = Not detected at or above indicated laboratory reporting limit.
-- = Not Analyzed
a = MTBE Confirmation by EPA Method 8260B.
b = Samples were analyzed by EPA Method 8260B.
g = hydrocarbon reported in gasoline range does not match our gasoline standard.

APPENDIX B

Laboratory Analytical Reports

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-17695-1

Job Description: Whole Foods

For:
LFR, Inc.
1900 Powell St 12th Floor
Emeryville, CA 94608-1827

Attention: Mr. Ron Goloubow

Surinder Sidhu

Approved for release.
Surinder Sidhu
Customer Service Manager
1/26/2009 1:40 PM

Designee for
Melissa Brewer
Project Manager I
melissa.brewer@testamericainc.com
01/26/2009

TestAmerica Laboratories, Inc.
TestAmerica San Francisco 1220 Quarry Lane, Pleasanton, CA 94566
Tel (925) 484-1919 Fax (925) 600-3002 www.testamericainc.com

Job Narrative
720-J17695-1

Comments
No additional comments.

Receipt
Sample(s) TRIP BLANKS (2) were submitted for analysis; however, it was not listed on the Chain-of-Custody (COC).

All other samples were received in good condition within temperature requirements.

GC/MS VOA

Method(s) 8260B/CA_LUFTMS:

Method(s) 8260B/CA_LUFTMS: The Gasoline Range Organics (GRO) concentration reported for the following sample(s) is due to the presence of discrete peaks: LF-3 (720-17695-3) TBA and MTBE.

Method(s) 8260B/CA_LUFTMS: The Gasoline Range Organics (GRO) concentration reported for the following sample(s) is due to the presence of discrete peaks: LF-2 (720-17695-2) MTBE and TBA.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: Concentrations reported represent individual or discrete peaks in sample ID 17695-4 and 17695-6, does match with Diesel Range Laboratoy standard.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: LFR, Inc. Job Number: 720-17695-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-17695-2	**LF-2**				
Gasoline Range Organics (GRO)-C5-C12		130	50	ug/L	8260B/CA_LUFTMS
MTBE		200	0.50	ug/L	8260B/CA_LUFTMS
TBA		8.8	5.0	ug/L	8260B/CA_LUFTMS
Diesel Range Organics [C10-C28]		1200	50	ug/L	8015B
720-17695-3	**LF-3**				
Gasoline Range Organics (GRO)-C5-C12		6400	5000	ug/L	8260B/CA_LUFTMS
MTBE		7900	50	ug/L	8260B/CA_LUFTMS
TBA		5800	500	ug/L	8260B/CA_LUFTMS
Diesel Range Organics [C10-C28]		280	50	ug/L	8015B
720-17695-4	**LF-4**				
Diesel Range Organics [C10-C28]		67	50	ug/L	8015B
720-17695-6	**LF-5**				
Diesel Range Organics [C10-C28]		51	50	ug/L	8015B

METHOD SUMMARY

Client: LFR, Inc. Job Number: 720-17695-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B/CA_LUFTMS	
Purge and Trap	TAL SF		SW846 5030B
Diesel Range Organics (DRO) (GC)	TAL SF	SW846 8015B	
Liquid-Liquid Extraction (Separatory Funnel)	TAL SF		SW846 3510C

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: LFR, Inc. Job Number: 720-17695-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-17695-1	LF-1	Water	01/16/2009 1355	01/16/2009 1700
720-17695-2	LF-2	Water	01/16/2009 1205	01/16/2009 1700
720-17695-3	LF-3	Water	01/16/2009 1045	01/16/2009 1700
720-17695-4	LF-4	Water	01/16/2009 1325	01/16/2009 1700
720-17695-5	LF-4-D	Water	01/16/2009 1330	01/16/2009 1700
720-17695-6	LF-5	Water	01/16/2009 1415	01/16/2009 1700

Client: LFR, Inc. Job Number: 720-17695-1

Client Sample ID: **LF-1**

Lab Sample ID: 720-17695-1
Client Matrix: Water

Date Sampled: 01/16/2009 1355
Date Received: 01/16/2009 1700

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/21/2009 1801
Date Prepared: 01/21/2009 1801

Analysis Batch: 720-46036

Instrument ID: Varian 3900C
Lab File ID: e:\data\200901\012109\sa-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
MTBE	ND		0.50
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	96	78 - 112
1,2-Dichloroethane-d4 (Surr)	104	67 - 126

Client: LFR, Inc. Job Number: 720-17695-1

Client Sample ID: **LF-2**

Lab Sample ID: 720-17695-2
Client Matrix: Water

Date Sampled: 01/16/2009 1205
Date Received: 01/16/2009 1700

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/20/2009 1921
Date Prepared: 01/20/2009 1921

Analysis Batch: 720-46033

Instrument ID: Varian 3900C
Lab File ID: e:\data\200901\012009\sa-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	130		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
MTBE	200		0.50
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
DIPE	ND		1.0
TBA	8.8		5.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	78 - 112
1,2-Dichloroethane-d4 (Surr)	98	67 - 126

Client: LFR, Inc. Job Number: 720-17695-1

Client Sample ID: **LF-3**

Lab Sample ID: 720-17695-3
Client Matrix: Water

Date Sampled: 01/16/2009 1045
Date Received: 01/16/2009 1700

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS
Preparation: 5030B
Dilution: 10
Date Analyzed: 01/21/2009 1158
Date Prepared: 01/21/2009 1158

Analysis Batch: 720-46036

Instrument ID: Varian 3900C
Lab File ID: e:\data\200901\012109\sa-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
TAME	ND		5.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	78 - 112
1,2-Dichloroethane-d4 (Surr)	108	67 - 126

Client: LFR, Inc. Job Number: 720-17695-1

Client Sample ID: **LF-3**

Lab Sample ID: 720-17695-3
Client Matrix: Water

Date Sampled: 01/16/2009 1045
Date Received: 01/16/2009 1700

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS
Preparation: 5030B
Dilution: 100
Date Analyzed: 01/21/2009 2000
Date Prepared: 01/21/2009 2000

Analysis Batch: 720-46117

Instrument ID: Saturn 2100
Lab File ID: d:\data\200901\012109\sa-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	6400		5000
Benzene	ND		50
Toluene	ND		50
Ethylbenzene	ND		50
Xylenes, Total	ND		100
MTBE	7900		50
Ethyl tert-butyl ether	ND		50
DIPE	ND		100
TBA	5800		500

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	85	78 - 112
1,2-Dichloroethane-d4 (Surr)	93	67 - 126

Client: LFR, Inc. Job Number: 720-17695-1

Client Sample ID: **LF-4**

Lab Sample ID: 720-17695-4
Client Matrix: Water

Date Sampled: 01/16/2009 1325
Date Received: 01/16/2009 1700

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/21/2009 1224
Date Prepared: 01/21/2009 1224

Analysis Batch: 720-46036

Instrument ID: Varian 3900C
Lab File ID: e:\data\200901\012109\sa-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
TAME	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	78 - 112
1,2-Dichloroethane-d4 (Surr)	110	67 - 126

Method: 8260B/CA_LUFTMS
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/21/2009 1933
Date Prepared: 01/21/2009 1933

Analysis Batch: 720-46117

Instrument ID: Saturn 2100
Lab File ID: d:\data\200901\012109\sa-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
MTBE	ND		0.50
Ethyl tert-butyl ether	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	81	78 - 112
1,2-Dichloroethane-d4 (Surr)	95	67 - 126

Client: LFR, Inc. Job Number: 720-17695-1

Client Sample ID: **LF-4-D**

Lab Sample ID: 720-17695-5
Client Matrix: Water

Date Sampled: 01/16/2009 1330
Date Received: 01/16/2009 1700

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/20/2009 2013
Date Prepared: 01/20/2009 2013

Analysis Batch: 720-46033

Instrument ID: Varian 3900C
Lab File ID: e:\data\200901\012009\sa-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
MTBE	ND		0.50
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	103	78 - 112
1,2-Dichloroethane-d4 (Surr)	116	67 - 126

Client: LFR, Inc. Job Number: 720-17695-1

Client Sample ID: **LF-5**

Lab Sample ID: 720-17695-6
Client Matrix: Water

Date Sampled: 01/16/2009 1415
Date Received: 01/16/2009 1700

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/21/2009 1827
Date Prepared: 01/21/2009 1827

Analysis Batch: 720-46036

Instrument ID: Varian 3900C
Lab File ID: e:\data\200901\012109\sa-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
MTBE	ND		0.50
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	78 - 112
1,2-Dichloroethane-d4 (Surr)	96	67 - 126

Client: LFR, Inc. Job Number: 720-17695-1

Client Sample ID: **LF-1**

Lab Sample ID:	720-17695-1	Date Sampled:	01/16/2009 1355
Client Matrix:	Water	Date Received:	01/16/2009 1700

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-46123	Instrument ID:	HP DRO5	
Preparation:	3510C	Prep Batch: 720-45930	Lab File ID:	N/A	
Dilution:	1.0		Initial Weight/Volume:	250	mL
Date Analyzed:	01/19/2009 2101		Final Weight/Volume:	1	mL
Date Prepared:	01/19/2009 1223		Injection Volume:		
			Column ID:	PRIMARY	

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	83	50 - 150

Client: LFR, Inc. Job Number: 720-17695-1

Client Sample ID: **LF-2**

Lab Sample ID: 720-17695-2
Client Matrix: Water

Date Sampled: 01/16/2009 1205
Date Received: 01/16/2009 1700

8015B Diesel Range Organics (DRO) (GC)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 01/19/2009 2128
Date Prepared: 01/19/2009 1223

Analysis Batch: 720-46123
Prep Batch: 720-45930

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	1200		50

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	66	50 - 150

Client: LFR, Inc. Job Number: 720-17695-1

Client Sample ID: **LF-3**

Lab Sample ID: 720-17695-3
Client Matrix: Water

Date Sampled: 01/16/2009 1045
Date Received: 01/16/2009 1700

8015B Diesel Range Organics (DRO) (GC)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 01/19/2009 2155
Date Prepared: 01/19/2009 1223

Analysis Batch: 720-46123
Prep Batch: 720-45930

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	280		50

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	84	50 - 150

Client: LFR, Inc. Job Number: 720-17695-1

Client Sample ID: **LF-4**

Lab Sample ID: 720-17695-4
Client Matrix: Water

Date Sampled: 01/16/2009 1325
Date Received: 01/16/2009 1700

8015B Diesel Range Organics (DRO) (GC)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 01/19/2009 2222
Date Prepared: 01/19/2009 1223

Analysis Batch: 720-46123
Prep Batch: 720-45930

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	67		50

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	92	50 - 150

Client: LFR, Inc. Job Number: 720-17695-1

Client Sample ID: **LF-4-D**

Lab Sample ID: 720-17695-5
Client Matrix: Water

Date Sampled: 01/16/2009 1330
Date Received: 01/16/2009 1700

8015B Diesel Range Organics (DRO) (GC)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 01/19/2009 2248
Date Prepared: 01/19/2009 1223

Analysis Batch: 720-46123
Prep Batch: 720-45930

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	90	50 - 150

Client: LFR, Inc. Job Number: 720-17695-1

Client Sample ID: **LF-5**

Lab Sample ID: 720-17695-6
Client Matrix: Water

Date Sampled: 01/16/2009 1415
Date Received: 01/16/2009 1700

8015B Diesel Range Organics (DRO) (GC)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 01/19/2009 2315
Date Prepared: 01/19/2009 1223

Analysis Batch: 720-46123
Prep Batch: 720-45930

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	51		50

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	90	50 - 150

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: LFR, Inc. Job Number: 720-17695-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-46033					
LCS 720-46033/2	Lab Control Spike	T	Water	8260B/CA_LUFT	
LCSD 720-46033/1	Lab Control Spike Duplicate	T	Water	8260B/CA_LUFT	
MB 720-46033/3	Method Blank	T	Water	8260B/CA_LUFT	
720-17695-2	LF-2	T	Water	8260B/CA_LUFT	
720-17695-5	LF-4-D	T	Water	8260B/CA_LUFT	
Analysis Batch:720-46036					
LCS 720-46036/2	Lab Control Spike	T	Water	8260B/CA_LUFT	
LCSD 720-46036/1	Lab Control Spike Duplicate	T	Water	8260B/CA_LUFT	
MB 720-46036/3	Method Blank	T	Water	8260B/CA_LUFT	
720-17695-1	LF-1	T	Water	8260B/CA_LUFT	
720-17695-3	LF-3	T	Water	8260B/CA_LUFT	
720-17695-4	LF-4	T	Water	8260B/CA_LUFT	
720-17695-6	LF-5	T	Water	8260B/CA_LUFT	
Analysis Batch:720-46117					
LCS 720-46117/2	Lab Control Spike	T	Water	8260B/CA_LUFT	
LCSD 720-46117/1	Lab Control Spike Duplicate	T	Water	8260B/CA_LUFT	
MB 720-46117/3	Method Blank	T	Water	8260B/CA_LUFT	
720-17695-3	LF-3	T	Water	8260B/CA_LUFT	
720-17695-4	LF-4	T	Water	8260B/CA_LUFT	

Report Basis
T = Total

Client: LFR, Inc.

Job Number: 720-17695-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-45930					
LCS 720-45930/2-A	Lab Control Spike	T	Water	3510C	
LCSD 720-45930/3-A	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-45930/1-A	Method Blank	T	Water	3510C	
720-17695-1	LF-1	T	Water	3510C	
720-17695-2	LF-2	T	Water	3510C	
720-17695-3	LF-3	T	Water	3510C	
720-17695-4	LF-4	T	Water	3510C	
720-17695-5	LF-4-D	T	Water	3510C	
720-17695-6	LF-5	T	Water	3510C	
Analysis Batch:720-46123					
LCS 720-45930/2-A	Lab Control Spike	T	Water	8015B	720-45930
LCSD 720-45930/3-A	Lab Control Spike Duplicate	T	Water	8015B	720-45930
MB 720-45930/1-A	Method Blank	T	Water	8015B	720-45930
720-17695-1	LF-1	T	Water	8015B	720-45930
720-17695-2	LF-2	T	Water	8015B	720-45930
720-17695-3	LF-3	T	Water	8015B	720-45930
720-17695-4	LF-4	T	Water	8015B	720-45930
720-17695-5	LF-4-D	T	Water	8015B	720-45930
720-17695-6	LF-5	T	Water	8015B	720-45930

Report Basis

T = Total

Client: LFR, Inc.

Job Number: 720-17695-1

Method Blank - Batch: 720-46033

Method: 8260B/CA_LUFTMS
Preparation: 5030B

Lab Sample ID: MB 720-46033/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/20/2009 0939
Date Prepared: 01/20/2009 0939

Analysis Batch: 720-46033
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: e:\data\200901\012009\mb-wa
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
MTBE	ND		0.50
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	96	78 - 112
1,2-Dichloroethane-d4 (Surr)	100	67 - 126

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

Client: LFR, Inc.

Job Number: 720-17695-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-46033

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID:	LCS 720-46033/2	Analysis Batch:	720-46033	Instrument ID:	Varian 3900C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e:\data\200901\012009\ls-wa-
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	40 mL
Date Analyzed:	01/20/2009 1015			Final Weight/Volume:	40 mL
Date Prepared:	01/20/2009 1015				

LCSD Lab Sample ID:	LCSD 720-46033/1	Analysis Batch:	720-46033	Instrument ID:	Varian 3900C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e:\data\200901\012009\ld-wa-9
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	40 mL
Date Analyzed:	01/20/2009 1041			Final Weight/Volume:	40 mL
Date Prepared:	01/20/2009 1041				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Gasoline Range Organics (GRO)-C5-C12	55	59	43 - 95	6	20		
Benzene	91	92	67 - 120	2	20		
Toluene	81	83	73 - 122	2	20		
MTBE	75	82	61 - 134	8	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	98	97	78 - 112
1,2-Dichloroethane-d4 (Surr)	107	87	67 - 126

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

Client: LFR, Inc.

Job Number: 720-17695-1

Method Blank - Batch: 720-46036

Method: 8260B/CA_LUFTMS
Preparation: 5030B

Lab Sample ID: MB 720-46036/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/21/2009 0930
Date Prepared: 01/21/2009 0930

Analysis Batch: 720-46036
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: e:\data\200901\012109\mb-wa
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
MTBE	ND		0.50
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	99	78 - 112
1,2-Dichloroethane-d4 (Surr)	104	67 - 126

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

Client: LFR, Inc.

Job Number: 720-17695-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-46036

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID:	LCS 720-46036/2	Analysis Batch:	720-46036	Instrument ID:	Varian 3900C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e:\data\200901\012109\ls-wa-
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	40 mL
Date Analyzed:	01/21/2009 1029			Final Weight/Volume:	40 mL
Date Prepared:	01/21/2009 1029				

LCSD Lab Sample ID:	LCSD 720-46036/1	Analysis Batch:	720-46036	Instrument ID:	Varian 3900C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e:\data\200901\012109\ld-wa-9
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	40 mL
Date Analyzed:	01/21/2009 1055			Final Weight/Volume:	40 mL
Date Prepared:	01/21/2009 1055				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Gasoline Range Organics (GRO)-C5-C12	66	65	43 - 95	2	20		
Benzene	93	90	67 - 120	3	20		
Toluene	78	87	73 - 122	11	20		
MTBE	89	90	61 - 134	1	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	92	104	78 - 112
1,2-Dichloroethane-d4 (Surr)	108	95	67 - 126

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

Client: LFR, Inc.

Job Number: 720-17695-1

Method Blank - Batch: 720-46117

Method: 8260B/CA_LUFTMS
Preparation: 5030B

Lab Sample ID: MB 720-46117/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/21/2009 1000
Date Prepared: 01/21/2009 1000

Analysis Batch: 720-46117
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: d:\data\200901\012109\mb-wa
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
MTBE	ND		0.50
Ethyl tert-butyl ether	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	85	78 - 112
1,2-Dichloroethane-d4 (Surr)	96	67 - 126

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

Client: LFR, Inc.

Job Number: 720-17695-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-46117

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID:	LCS 720-46117/2	Analysis Batch:	720-46117	Instrument ID:	Saturn 2100
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d:\data\200901\012109\ls-wa-
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	10 mL
Date Analyzed:	01/21/2009 1032			Final Weight/Volume:	10 mL
Date Prepared:	01/21/2009 1032				

LCSD Lab Sample ID:	LCSD 720-46117/1	Analysis Batch:	720-46117	Instrument ID:	Saturn 2100
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d:\data\200901\012109\ld-wa-9
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	10 mL
Date Analyzed:	01/21/2009 1059			Final Weight/Volume:	10 mL
Date Prepared:	01/21/2009 1059				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Gasoline Range Organics (GRO)-C5-C12	57	61	42 - 80	7	20		
Benzene	83	84	74 - 112	1	20		
Toluene	69	71	65 - 98	2	20		
MTBE	81	92	69 - 104	13	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	85	82	78 - 112
1,2-Dichloroethane-d4 (Surr)	90	94	67 - 126

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

Client: LFR, Inc.

Job Number: 720-17695-1

Method Blank - Batch: 720-45930

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-45930/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/19/2009 2034
Date Prepared: 01/19/2009 1223

Analysis Batch: 720-46123
Prep Batch: 720-45930
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	% Rec	Acceptance Limits
p-Terphenyl	84	50 - 150

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-45930

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-45930/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/19/2009 1939
Date Prepared: 01/19/2009 1223

Analysis Batch: 720-46123
Prep Batch: 720-45930
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-45930/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/19/2009 2007
Date Prepared: 01/19/2009 1223

Analysis Batch: 720-46123
Prep Batch: 720-45930
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

		% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	89	77	48 - 99	14	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
p-Terphenyl	98	89	50 - 150

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

720-17695

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

114202

SAMPLE COLLECTOR:
LFR
1900 Powell Street, 12th Floor
Emeryville, California 94608
(510) 652-4500 Fax: (510) 652-2246

PROJECT NO.:	SECTION NO.:	DATE:	SAMPLER'S INITIALS:	SERIAL NO.:
001-09171-17		1/16/09	TRC	Nº 203299

PROJECT NAME: Whole Foods
SAMPLER (Signature): Tom Collins

SAMPLE								ANALYSES									TAT			REMARKS
SAMPLE ID.	DATE	TIME	Lab Sample No.	No. of Containers	TYPE: Soil	TYPE: Water	TPHd (EPA 8015M)	TPHmo (EPA 8015M)	TPHg (EPA 8015M)	BTEX (EPA 8021/8020)	VOCs (EPA 8260/624)	Metals (EPA 6010/7000)	Fuel Oxygenates (8260)			Standard	RUSH:	HOLD	*VOCs: ☐ 8260 List ☐ 8240 List ☐ 8010 List ☐ 624 List **Metals: ☐ CAM17 ☐ RCRA ☐ LUFT
LF-1	1/16	13:55	1	4		X	X	X	X		X					X			
LF-2	1/16	12:05	2	4		X	X	X	X		X					X			
LF-3	1/16	10:45	3	4		X	X	X	X		X					X			
LF-4	1/16	13:25	4	4		X	X	X	X		X					X			
LF-4-D	1/16	13:30	5	4		X	X	X	X		X					X			
LF-5	1/16	14:15	6	4		X	X	X	X		X					X			

SAMPLE RECEIPT: ☒ Intact ☒ Cold ☒ On Ice ☐ Ambient
Cooler Temp: 1.0 c
Cooler No:
Preservative Correct? ☐ Yes ☐ No ☐ N/A

METHOD OF SHIPMENT: Courier
LAB REPORT NO.:
FAX COC CONFIRMATION TO: Rob Goldbow

RELINQUISHED BY: 1
(SIGNATURE) (DATE) 1/16/09
Tom Collins 15:15
(PRINTED NAME) (TIME)
LFR
(COMPANY)

RELINQUISHED BY: 2
SAS MIKE
(SIGNATURE) (DATE)
011609
(PRINTED NAME) 1700 (TIME)
(COMPANY)

RELINQUISHED BY: 3
(SIGNATURE) (DATE)
(PRINTED NAME) (TIME)
(COMPANY)

ANALYTICAL LABORATORY:
TEST America

FAX RESULTS TO: Rob
SEND HARDCOPY TO: Rob
SEND EDD TO: EMV.LABEDDS.COM

RECEIVED BY: 1
SAS Mike
(SIGNATURE) (DATE)
WORLD COURIER
(PRINTED NAME) (TIME)
011609 1515
(COMPANY)

RECEIVED BY: 2
(SIGNATURE) (DATE) 1/16/09
T. Bullock 1700
(PRINTED NAME) (TIME)
TEST America
(COMPANY)

RECEIVED BY (LABORATORY): 3
(SIGNATURE) (DATE)
(PRINTED NAME) (TIME)
(COMPANY)

Shipping Copy (White) File Copy (Yellow) Field Copy (Pink)

CHAIN of CUSTODY - ANALYSES FORM.CDR 5/2003

Login Sample Receipt Check List

Client: LFR, Inc.

Job Number: 720-17695-1

Login Number: 17695

List Source: TestAmerica San Francisco

Creator: Bullock, Tracy

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	False	SEE NARRATIVE
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	