



December 21, 2006

Don Hwang
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94502-6577

Dear Mr. Hwang:

Subject: *Soil and Groundwater Quality Investigation Report*

Reference: **Earthgrains Baking Companies, Inc.**
955 Kennedy Street
Oakland, California 94606
RO #0002569

On behalf of Earthgrains Baking Companies, Inc., PSC Environmental Services (PSC) is pleased to submit the enclosed *Soil and Groundwater Quality Investigation Report* for the above-referenced facility. PSC subcontracted ETIC Engineering, Inc. (ETIC) to prepare this report in response to the technical report request in correspondence from the Alameda County Health Care Services Agency dated August 25, 2006.

If you have any questions concerning this investigation report, then please contact Thomas Neely of ETIC at (925) 602-4710 (x 17).

Respectfully,

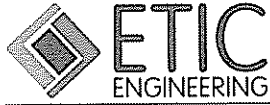
PSC Environmental Services

Scott Jander
Project Manager

cc: Melvin Siegel - Earthgrains Baking Companies, Inc.
Thomas Neely - ETIC Engineering, Inc.

PSC ENVIRONMENTAL SERVICES

210 West Sand Bank Road
Columbia, Illinois 62236
Phone (618) 281-1546
Fax (618) 281-7020



December 21, 2006

Mr. Scott Jander
Project Manager
PSC Environmental Services
210 West Sand Bank Road
Columbia, Illinois 62236

Subject: *Soil and Groundwater Quality Investigation Report*
Earthgrains Baking Companies, Inc., 955 Kennedy Street, Oakland, California 94606
RO #0002569

Dear Mr. Jander:

At your request, ETIC Engineering, Inc. is submitting the enclosed *Soil and Groundwater Quality Investigation Report* for the site located at 955 Kennedy Street in Oakland, California. The investigation was performed in accordance with the *Work Plan for Soil and Groundwater Quality Investigation* dated April 14, 2006, *Work Plan Addendum for Soil and Groundwater Quality Investigation* dated August 11, 2006, and electronic mail correspondence with Alameda County Health Care Services Agency (ACHCSA) dated August 25, 2006. The scope of work described in the work plan, addendum, and electronic mail correspondence were approved by ACHCSA, in a letter dated August 25, 2006.

We have enclosed an original and three copies of the report for you to distribute accordingly. Should you have any questions or comments about the work plan, contact us at (925) 602-4710.

Respectfully yours,

A handwritten signature in black ink, appearing to read "T. E. Neely".

Thomas E. Neely, PG, CHG, REA II
Program Manager

Enclosures



Soil and Groundwater Quality Investigation Report

**Earthgrains Baking Companies, Inc.
955 Kennedy Street
Oakland, California 94606
RO #0002569**

Prepared For:

**PSC Environmental Services
210 West Sand Bank Road
Columbia, Illinois 62236**

Prepared By:

**ETIC Engineering, Inc.
2285 Morello Avenue
Pleasant Hill, California 94523**

December 2006



Soil and Groundwater Quality Investigation Report

**Earthgrains Baking Companies, Inc.
955 Kennedy Street
Oakland, California 94606
RO #0002569**

Prepared For:

**PSC Environmental Services
210 West Sand Bank Road
Columbia, Illinois 62236**

Prepared By:

**ETIC Engineering, Inc.
2285 Morello Avenue
Pleasant Hill, California 94523**

A handwritten signature in black ink, appearing to read "David R. Pew".

**David R. Pew
Staff Geologist**

DECEMBER 21, 2006

Date

A handwritten signature in black ink, appearing to read "T. E. Neely".

**Thomas E. Neely, PG, CHG, REA II
Program Manager**

December 21, 2006

Date

December 2006

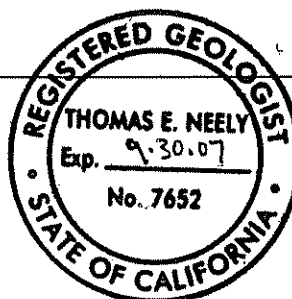


TABLE OF CONTENTS

	<u>Page</u>
LIST OF FIGURES	
LIST OF TABLES	
LIST OF APPENDIXES	
GENERAL INFORMATION	
1.0 INTRODUCTION	1
2.0 SITE BACKGROUND	1
2.1 DESCRIPTION OF THE SITE AND VICINITY	1
2.2 REGIONAL GEOLOGY AND HYDROGEOLOGY	2
2.3 LOCAL GEOLOGY AND HYDROGEOLOGY	3
2.4 TOPOGRAPHY AND SURFACE WATER	3
3.0 UST HISTORY	3
3.1 HISTORICAL ENVIRONMENTAL CASE FOR THE SITE	4
3.2 CURRENT ENVIRONMENTAL CASE FOR THE SITE	6
4.0 SOIL AND GROUNDWATER QUALITY INVESTIGATION	8
4.1 DRILLING AND SOIL SAMPLING	8
4.2 GROUNDWATER SAMPLING	9
4.3 LABORATORY ANALYSES	10
4.4 SURVEYING	10
4.5 DISPOSAL OF INVESTIGATION-DERIVED WASTE	10
5.0 HYDROGEOLOGIC DATA EVALUATION	11
6.0 ANALYTICAL DATA EVALUATION	11
6.1 ANALYTICAL DATA FOR SOIL	11
6.1.1 PETROLEUM HYDROCARBONS	12
6.1.2 MTBE	12
6.1.3 PHYSICAL PARAMETERS	12
6.2 ANALYTICAL DATA FOR GROUNDWATER	13
6.2.1 PETROLEUM HYDROCARBONS	13
6.2.2 MTBE	13
7.0 SUMMARY AND CONCLUSIONS	14
8.0 RECOMMENDATIONS	15
9.0 REFERENCES	16

FIGURES

TABLES

APPENDIXES

LIST OF FIGURES

- Figure 1. Site Location and Topographic Map
- Figure 2. Site Vicinity Map
- Figure 3. Site Map Showing Trace of Cross Sections
- Figure 4. Geologic Cross Sections A-A' and B-B'
- Figure 5. Geologic Cross Section C-C'
- Figure 6. Site Map Showing TPH-d in Soil
- Figure 7. Site Map Showing TPH-d in Groundwater
- Figure 8. Site Map Showing MTBE in Groundwater

LIST OF TABLES

- Table 1. Soil Sample Analytical Data – Petroleum Hydrocarbons and MTBE
- Table 2. Soil Sample Analytical Data – Physical Parameters
- Table 3. Groundwater Sample Analytical Data

LIST OF APPENDIXES

- Appendix A. Regulatory Correspondence
- Appendix B. Drilling Permit
- Appendix C. Boring Logs
- Appendix D. Laboratory Reports and Chain-of-Custody Documentation
- Appendix E. Surveying Data
- Appendix F. Waste Disposal Documentation

GENERAL INFORMATION

Site Location

Earthgrains Baking Companies, Inc.
955 Kennedy Street
Oakland, California 94606

Alameda County
Township 2 South, Range 3 West, Section 7 of the Mt. Diablo Baseline and Meridian

Responsible Party

Earthgrains Baking Companies, Inc.
955 Kennedy Street
Oakland, California 94606

Melvin Siegel
Environmental Manager
(510) 436-5350
melvin.siegel@saralee.com

Owner's Representative

PSC Environmental Services
210 West Sand Bank Road
Columbia, Illinois 62236

Scott Jander
Project Manager
(618) 281-1546
sjander@pscnw.com

Environmental Consultant

ETIC Engineering, Inc.
2285 Morello Avenue
Pleasant Hill, California 94523

Thomas Neely
Program Manager
(925) 602-4710
tneely@eticeng.com

Regulatory Agency

Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94502-6577

Don Hwang
Hazardous Materials Specialist
(510) 567-6746
don.hwang@acgov.org

1.0 INTRODUCTION

On behalf of PSC Environmental Services (PSC), ETIC Engineering, Inc. (ETIC) has prepared this *Soil and Groundwater Quality Investigation Report* for the Earthgrains Baking Companies, Inc. (Earthgrains) facility located at 955 Kennedy Street in Oakland, California (Figure 1). The report details the results of the investigation activities performed during September 2006. The objective of this subsurface investigation was to evaluate the degree and extent of petroleum hydrocarbons in soil and groundwater at the site (Site). To achieve this objective, ETIC performed the following activities:

- Drilled 40 soil borings in the vicinity of the former diesel underground storage tank (UST) system that was removed in 2005;
- Collected soil and groundwater samples for laboratory analyses;
- Compiled and evaluated the hydrogeologic and laboratory analytical data; and
- Prepared a written investigation report for PSC.

PSC is submitting this investigation report to the Alameda County Health Care Services Agency (ACHCSA) in formal response to the *Notice of Responsibility* letter dated August 19, 2003 and *UST System Closure Report* dated April 15, 2005. The scope of work described in the work plan, addendum, and electronic mail correspondence was approved by ACHCSA in a letter dated 25 August 2006. The investigation was performed in accordance with the *Work Plan for Soil and Groundwater Quality Investigation* dated April 14, 2006, *Work Plan Addendum for Soil and Groundwater Quality Investigation* dated August 11, 2006, and electronic mail correspondence with ACHCSA dated August 25, 2006. Copies of the regulatory correspondence are included in Appendix A.

2.0 SITE BACKGROUND

2.1 DESCRIPTION OF THE SITE AND VICINITY

The Site occupies approximately five acres of land in Oakland, California (Figure 1). Earthgrains (*formerly* Kilpatrick's Bakeries, Inc.) currently owns and operates a 105,000 square-foot plant consisting of a bakery, product distribution center, and retail outlet store at the Site. An asphalt-paved parking area and driveway border the eastern and western sides of the Site and six truck loading docks are situated in the northwestern portion of the facility. A stand-alone truck wash building is located west of the plant and a truck maintenance garage was formerly located in the northwestern corner of the Site. The Site is bounded by Dennison Street to the north, Frederick Street to the south, Kennedy Street to the east, and King Street to

the west. Surrounding properties to the north, south, and west of the Site are industrial and commercial businesses. Interstate 880 is located due east of Kennedy Street.

2.2 REGIONAL GEOLOGY AND HYDROGEOLOGY

The Site is located in the East Bay Plain Subbasin of the Santa Clara Valley Groundwater Basin. The East Bay Plain Subbasin is a northwest trending alluvial plain bounded on the north by San Pablo Bay, on the east by the contact with Franciscan Basement rock, and on the south by the Niles Cone Groundwater Basin. The East Bay Plain Basin extends beneath San Francisco Bay to the west. Numerous creeks including San Pablo Creek, Wildcat Creek, San Leandro Creek, and San Lorenzo Creek flow from the western slope of the Coast Ranges westward across the plain and into the San Francisco Bay. The East Bay Plain Subbasin aquifer system consists of unconsolidated deposits of Quaternary age. Deposits include the early Pleistocene Santa Clara Formation, the late Pleistocene Alameda Formation, the early Holocene Temescal Formation, and Artificial Fill. The cumulative thickness of the unconsolidated deposits is about 1,000 feet (Department of Water Resources (DWR) 2003).

Early Pleistocene Santa Clara Formation

The Santa Clara Formation consists of alluvial fan deposits inter-fingered with lake, swamp, river channel, and flood plain deposits. The formation ranges from 300 to 600 feet thick (DWR 2003).

Late Pleistocene Alameda Formation

The Alameda Formation includes a sequence of alluvial fan deposits. The formation was deposited primarily in an estuarine environment and ranges from 26 to 245 feet thick (DWR 2003).

Early Holocene Temescal Formation

The Temescal Formation is an alluvial deposit consisting primarily of silt and clay with some gravel layers. The formation ranges from 1 to 50 feet thick (DWR 2003).

Artificial Fill

Artificial fill is found mostly along the bay front and wetlands areas and is derived primarily from dredging as well as quarrying, construction, demolition debris, and municipal waste. The fill ranges from 1 to 50 feet thick with the thickest deposits found closer to San Francisco Bay (DWR 2003).

2.3 LOCAL GEOLOGY AND HYDROGEOLOGY

Historical boring logs indicate that the Site is underlain by varying amounts of clay, silt, sand, and gravel. During past drilling activities, groundwater was first encountered within a sand and gravel layer located at depths of 18 to 26 feet below-ground-surface (BGS). Reportedly, in some borings, a small amount of perched groundwater was encountered in a thin sandy and silty lens located between 10 and 12 feet BGS. Historical monitoring data indicated that groundwater flows generally toward the southwest with a hydraulic gradient ranging from approximately 0.005 to 0.01 feet per linear foot (ft/ft).

2.4 TOPOGRAPHY AND SURFACE WATER

The land surface slopes towards the west and southwest in the vicinity of the Site at approximately 0.5 foot per 100 feet. The elevation of the Site is approximately 15 feet above mean sea level.

Brooklyn Basin, an estuary of San Francisco Bay that lies between Oakland (to the east) and Coast Guard Island (to the west), is located approximately 1,000 feet southwest of the Site. Sausal Creek flows generally to the south, and empties into San Francisco Bay approximately 4,400 feet southeast of the Site. Sausal Creek appears to be contained in an underground culvert for approximately the final 1.3 miles of its course. An unnamed creek flows into the Brooklyn Basin approximately 1,800 feet to the northwest of the Site near the intersection of 12th Street and 19th Avenue (Sowers 2000).

3.0 UST HISTORY

Earthgrains operated eight UST systems at the Site from 1967 to 2005. A UST system includes the storage tank, associated vent and product piping, dispenser, dispensing island, and ancillary equipment. Earthgrains installed one 10,000-gallon gasoline, one 10,000-gallon diesel, and one 350-gallon waste oil UST systems adjacent to the former truck maintenance garage in 1967. Earthgrains installed four 10,000-gallon diesel UST systems in a common excavation along the western boundary of the Site in 1977 (Figure 2). The four diesel tanks provided a back-up fuel system for the bakery ovens in the plant. Earthgrains removed the seven UST systems for permanent closure from 1989 to 1991 and installed one replacement 10,000-gallon diesel UST system (the eighth UST system) in 1991. The diesel tank was installed in the former excavation of the 10,000-gallon gasoline and diesel tanks (Figures 2 and 3). The new STI-P₃[®] tank was constructed of dual-wall steel and protected with a fiberglass-reinforced plastic (FRP) coating on the secondary tank (John Mathes & Associates, Inc. 1991). Earthgrains removed

the 10,000-gallon diesel UST system (Tank #8) for permanent closure in 2005. The ACDEH closed the first environmental case for the Site in 1996.

3.1 HISTORICAL ENVIRONMENTAL CASE FOR THE SITE

REMOVAL OF FOUR 10,000-GALLON DIESEL UST SYSTEMS

Earthgrains removed four 10,000-gallon diesel tanks for permanent closure on October 11, 1989. The approximate location of the former tanks is shown on Figure 2. The diesel tanks provided a back-up fuel system for the bakery ovens in the plant. During the UST removal activities, diesel-impacted soil was excavated and removed from the common tank excavation for offsite disposal. Following excavation activities, soil samples were collected from the floor and sidewalls of the common tank excavation and submitted for laboratory analysis. Laboratory analytical data indicate that total petroleum hydrocarbons quantified as diesel (TPH-d) and benzene, toluene, ethylbenzene, and total xylenes (BTEX) were not detected in the confirmation soil samples (John Mathes & Associates, Inc. 1990). One water sample collected from the northern portion of the common tank excavation at a depth of approximately 18 feet BGS contained TPH-d at 49 milligrams-per-liter, but did not contain detectable concentrations of BTEX (John Mathes & Associates, Inc. 1990). Earthgrains submitted UST closure documentation to the ACDEH in December 1989.

REMOVAL OF 10,000-GALLON GASOLINE AND DIESEL UST SYSTEMS

Earthgrains removed one 10,000-gallon gasoline and one 10,000-gallon diesel UST systems for permanent closure on December 12, 1990. The gasoline and diesel tanks shared a common excavation south of the former truck maintenance garage (Figure 3). During the closure activities, petroleum-hydrocarbon impacted soil was excavated and removed for offsite disposal. Soil samples were collected from the common excavation and submitted for laboratory analysis. Laboratory analytical data indicate that total petroleum hydrocarbons quantified as gasoline (TPH-g), TPH-d, and BTEX were not detected in the confirmation soil samples. One groundwater sample collected from the common tank excavation at a depth of approximately 17 to 18 feet BGS contained toluene at 0.7 micrograms-per-liter ($\mu\text{g/L}$), ethylbenzene at 2.6 $\mu\text{g/L}$, and total xylenes at 2.3 $\mu\text{g/L}$. TPH-g, TPH-d, and benzene were not detected in the groundwater sample (John Mathes & Associates, Inc. 1991). Following excavation and sampling, a 6-inch diameter well of unknown construction (designated NSMW-1) was installed (Burlington Environmental, Inc. 1993). At this time, one new 10,000-gallon diesel tank was installed in the excavation, replacing the two previous 10,000-gallon tanks. The new 10,000-gallon STI-P₃[®] tank was installed between December 1990 and January 1991 (John Mathes & Associates, Inc. 1991).

REMOVAL OF 350-GALLON WASTE OIL UST SYSTEM

Earthgrains removed one 350-gallon waste oil UST system for permanent closure on January 28, 1991. The waste oil tank was located south of the former truck maintenance garage near King Street. Approximately 25 cubic yards of impacted soil were excavated and removed for offsite disposal. One soil sample was collected from the excavation at 8 feet BGS and submitted for laboratory analysis. Laboratory analytical data indicate that TPH-g, TPH-d, total oil and grease, BTEX, polychlorinated biphenyls, creosote, volatile organic compounds, and semi-volatile organic compounds were not detected in the confirmation soil sample (John Mathes & Associates, Inc. 1991).

SOIL AND GROUNDWATER INVESTIGATION

In August 1992, Burlington Environmental, Inc. (Burlington) installed groundwater monitoring wells MW-1, MW-2, MW-3, MW-4, and MW-5 to assess the extent of petroleum hydrocarbons in the shallow soil and groundwater beneath the Site. The locations of the former wells MW-1 through MW-4 are shown on Figure 3.

Groundwater monitoring wells MW-1 and MW-2 were installed downgradient of the four former diesel tanks, along the western property line. Monitoring well MW-3 was installed downgradient of the former gasoline and diesel tanks near the former truck maintenance garage. Monitoring well MW-4 was located downgradient of the former waste oil tank near the western property line. Monitoring well MW-5 was situated upgradient of the former gasoline and diesel tanks in the northern portion of the Site.

From September 1992 to December 1994, groundwater samples were collected from the five wells on nearly a quarterly basis. TPH-d was detected sporadically at concentrations up to 460 µg/L in well MW-1, 720 µg/L in well MW-2, 100 µg/L in well MW-4, and 100 µg/L in well MW-5.

Total petroleum hydrocarbons quantified as motor oil (TPH-mo) was detected sporadically at concentrations up to 470 µg/L in well MW-1, 710 µg/L in well MW-2, 290 µg/L in well MW-3, 690 µg/L in well MW-4, and 1,800 µg/L in well MW-5.

TPH-g was detected occasionally at concentrations up to 54 µg/L in well MW-5.

One groundwater sample collected from well MW-1 contained toluene at 0.35 µg/L. One groundwater sample collected from well MW-5 contained benzene at 0.39 µg/L, toluene at 0.39 µg/L, and total xylenes at 0.56 µg/L. The BTEX compounds were not detected in the other samples. By the December 1994 sampling event, petroleum hydrocarbons were no longer detected in the groundwater samples.

Groundwater samples collected from wells MW-4 and MW-5 also contained trichloroethene (TCE) up to 39 µg/L, cis-1,2 dichloroethene (cis-1,2-DCE) up to 65 µg/L, vinyl chloride up to 1.2 µg/L, carbon disulfide up to 6.4 µg/L, chloroform up to 1.3 µg/L, and carbon tetrachloride up to 1.6 µg/L.

In a report dated January 19, 1995, Burlington noted that Alameda County agreed that the source of TCE and cis-1,2-DCE was offsite (Burlington Environmental, Inc. 1995).

TIER 1 RISK ASSESSMENT AND CASE CLOSURE

In July 1995, PSC submitted a Tier 1 Risk Assessment to address TCE and cis-1,2-DCE contamination in groundwater and to support closure of the environmental case (Philip Environmental Services Corporation 1995b).

By correspondence dated March 4, 1996, ACDEH closed the environmental case for the Site and requested that the monitoring wells be decommissioned. The wells were decommissioned in April 1996, as documented in the “Notification of Well Abandonment,” dated April 4, 1996 (Philip Environmental Services Corporation 1996).

3.2 CURRENT ENVIRONMENTAL CASE FOR THE SITE

DIESEL PUMP ISLAND MODIFICATION

The original pump island associated with the 10,000-gallon diesel UST system was installed northeast of the tank location. Earthgrains removed the diesel pump island and installed a new pump island, island canopy, and approximately 110 feet of dual-wall FRP product piping south of the truck wash building in 1995 (Figure 2). Earthgrains upgraded the diesel dispensing system during March 2003 in order to comply with under-dispenser containment requirements. PSC submitted a *Pump Island Modification and Testing Report* dated May 21, 2003 to the Oakland Fire Department summarizing the pump island modifications and secondary-containment testing performed on the dispensing system.

Two soil borings (Probe Hole-1 and Probe Hole-2) were drilled adjacent to the pump island on April 9, 2003 to assess potential petroleum-hydrocarbon impact from the diesel dispenser and the underground motor oil product piping. Soil sample Probe Hole-1 was collected adjacent to the diesel product piping at a depth of approximately 4.5 feet BGS and sample Probe Hole-2 was collected adjacent to the new motor oil underground product piping at a depth of approximately 3.5 feet BGS. At the direction of the Oakland Fire Department, PSC collected one soil sample from each soil boring for laboratory analysis (Philip Environmental Services Corporation 2005).

Soil samples were collected inside six-inch long brass sample cylinders and submitted to Severn Trent Laboratories, Inc. (STL) for analysis. The BTEX compounds were not detected in the sample collected from Probe Hole-1. Total extractable petroleum hydrocarbons (TEPH) quantified as diesel were detected at 3,300 milligrams-per-kilogram (mg/kg) in the sample collected from Probe Hole-1. TEPH quantified as motor oil was not detected in the sample collected from Probe Hole-2 (Philip Environmental Services Corporation 2005). The analytical data for the soil samples are presented in Table 1.

REMOVAL OF THE 10,000-GALLON DIESEL UST SYSTEM

The City of Oakland Fire Prevention Bureau issued Tank Permit Number T05-0002 on January 19, 2005 authorizing removal of the 10,000-gallon diesel UST system for permanent closure. Earthgrains contracted West Star Environmental, Inc. (West Star) to perform the removal activities and PSC to perform the closure assessment work. PSC subcontracted Castle Analytical Laboratory (Castle) to perform the analytical testing services.

On March 8, 2005, West Star excavated and removed the diesel product piping. Following removal of the diesel product piping, PSC collected one soil sample every 20 feet along the piping trench floor at a depth of approximately 4 feet below pavement surface. The trench soil samples were collected inside six-inch long brass sample cylinders using a backhoe bucket. Following collection, the brass cylinder ends were covered with Teflon tape and polyethylene caps. Soil samples were submitted to Castle for laboratory analysis. The BTEX compounds, fuel oxygenates [di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), methyl tertiary butyl ether (MTBE), tertiary amyl methyl ether (TAME), and tertiary butyl alcohol (TBA)], and fuel additives (ethylene dibromide (EDB) and ethylene dichloride (EDC)] were not detected in the trench soil samples. Sample Trench-5 contained TPH-g at 48 mg/kg and TPH-d at 1,700 mg/kg. However, Castle noted that the hydrocarbons detected in the gasoline range appeared to be diesel. TPH-g and TPH-d were not detected in the other trench samples. The analytical data for the soil samples are presented in Table 1.

On March 9, 2005, West Star excavated and removed the diesel tank. Soil samples (Excavation-1 and Excavation-2) were collected from the northern and southern endwalls of the tank excavation at the soil-groundwater interface. Soil samples were collected inside clean six-inch long brass sample cylinders using a backhoe bucket. The samples were analyzed by Castle. TPH-g, TPH-d, BTEX, and the five fuel oxygenates were not detected in either soil sample.

One groundwater sample (Excavation Water) was collected from the excavation. The sample was analyzed by Castle. The groundwater sample contained TPH-g at 130 µg/L, TPH-d at 6,100 µg/L, and MTBE at 2.7 µg/L. However, the laboratory noted that the hydrocarbons detected in the gasoline range appeared to be diesel. The BTEX compounds, DIPE, ETBE,

TAME, TBA, EDB, and EDC were not detected in the groundwater sample. The analytical data for the excavation water sample are presented in Table 3.

On April 15, 2005, PSC submitted the Underground Storage Tank Unauthorized Release (Leak) / Contamination Site Report to the Oakland Fire Department.

4.0 SOIL AND GROUNDWATER QUALITY INVESTIGATION

The purpose of the investigation was to evaluate the extent of petroleum hydrocarbons in soil and groundwater at the Site. This included the drilling of 40 soil borings, soil and groundwater sampling, laboratory analysis of the samples, data evaluation, disposal of investigation-derived waste (IDW), and preparation of a written report. Specific tasks performed in the course of the investigation are described in the following sections.

Prior to beginning the field program, the proposed boring locations were marked and checked for the presence of underground utilities by Underground Service Alert. Subdynamic Locating Services, a private utility-locating contractor, was hired to identify the presence of underground utilities. A drilling permit was obtained from Alameda County Public Works Agency (ACPWA) and is included in Appendix B. A health and safety plan was prepared and implemented during drilling and sampling activities. Each soil boring was hand augured to a minimum depth of 4 feet BGS to identify utilities prior to drilling.

4.1 DRILLING AND SOIL SAMPLING

Based upon hydrogeologic information obtained from the Site and other sites in the vicinity, shallow groundwater was determined to flow to the southwest, toward the San Francisco Bay. ETIC and PSC selected soil boring locations around the former diesel pump island, along the former diesel product piping trench, near the former diesel UST, and upgradient and downgradient of the former diesel UST system. The boring locations (E1 through E40) are shown on Figure 3. Soil samples were collected at various depths from 40 borings, and groundwater samples were collected from 37 of the 40 borings. The soil and groundwater samples were analyzed to assess the extent of petroleum hydrocarbons. Soil and groundwater analytical data are provided in Tables 1, 2, and 3.

Drilling was performed by Enprob of Oroville, California, a C57-licensed contractor, using a Geoprobe 5410 direct-push drilling rig equipped with 4-foot-long drive rods and a 2-inch diameter by 4-foot long Macro-Core sampler filled with new, clear acetate liners. All drilling equipment and sampling tools were decontaminated prior to beginning the field program. Reusable sampling equipment was washed with a Liqui-Nox solution, rinsed with tap water, and rinsed with distilled water prior to each use. An ETIC geologist supervised all drilling and

sampling activities. Soil samples were examined for lithologic identification and visible signs of contamination in accordance with the Unified Soil Classification System and the Standard Practice for Description and Identification of Soils (Visual-Manual Procedure), American Society for Testing and Materials (ASTM) Designation D2488 (ASTM 2000), and the observations were recorded in the field logs. Copies of the boring logs are included in Appendix C. Technical guidance for the program was provided by a California Professional Geologist.

A photo-ionization detector (PID) was used to monitor for organic vapors. Measurements of headspace vapors from soil samples were recorded on the boring logs. If any unusual stains or odors were evident in the soil, additional samples were collected for laboratory analysis.

Soil samples were collected for laboratory analysis from 36 of the 40 borings. Samples designated for laboratory analysis were selected in general accordance with the proposed plan presented in the Soil and Groundwater Quality Investigation Work Plan, work plan addendum, and email correspondence with ACHCSA. Additional soil samples were collected and held for subsequent analysis, pending the results of the initial samples.

The samples were cut directly from the Geoprobe Macro-Core liners. The liners were sealed, labeled, stored on ice in a cooler, and transported under chain-of-custody protocol to Kiff Analytical (Kiff), a state-certified analytical laboratory in Davis, California. Four soil samples were collected for analysis of physical parameters. These liners were sealed, labeled, stored on ice in a cooler, and transported under chain-of-custody protocol to McCampbell Analytical, Inc. (McCampbell), a state-certified analytical laboratory, in Pacheco, California.

4.2 GROUNDWATER SAMPLING

Thirty-seven of the 40 soil borings (designated E1 through E3 and E7 through E40) were drilled into the first aquifer for the collection of groundwater samples (Figure 3). A groundwater sample was collected from each boring using a new disposable bailer. The samples were collected in clean 40-mL, hydrochloric-acid-preserved, volatile organic analysis (VOA) vials supplied by the analytical laboratory. The sample containers were sealed, labeled, stored on ice in a cooler, and transported under chain-of-custody protocol to Kiff. Two groundwater samples were collected from boring E9. One was collected from the former UST excavation backfill and one beneath the former UST excavation.

All reusable groundwater sampling equipment was washed with a Liqui-Nox solution, rinsed with tap water, and rinsed with distilled water prior to each use. The completed borings were filled and sealed with a grout mixture consisting of neat cement, in accordance with ACPWA and DWR requirements.

4.3 LABORATORY ANALYSES

A total of 127 soil samples were collected and submitted for petroleum hydrocarbon analysis during this investigation. The soil samples were analyzed by Kiff for TPH-d by EPA Method 8015M with a silica gel cleanup. All but eight of the samples were analyzed for BTEX and MTBE by EPA Method 8260B. All but six of the soil samples collected from borings E1 through E16, E19, E23 through E26, and E29 were analyzed for TPH-g by EPA Method 8260B. Many of these borings were drilled in the northwestern portion of the Site in the vicinity of the former gasoline UST system. Nine of the soil samples were analyzed for TPH-mo by EPA Method 8015M with a silica gel cleanup. The nine soil samples were collected from borings E26 and E29 located in the vicinity of the former diesel product piping trench and truck wash building.

A total of four soil samples were collected from the vadose zone in borings E8 and E36 for analysis of physical parameters. These soil samples were analyzed by McCampbell for bulk density and porosity by method SSSA #5, air-filled void space by API 40RP, moisture content by ASTM 2216-92, and total organic carbon by SM5310B.

The groundwater samples were analyzed by Kiff for diesel by EPA Method 8015M with a silica gel cleanup and BTEX and MTBE by EPA Method 8260B. Groundwater samples collected from borings E1 through E27 and E29 were additionally analyzed for TPH-g by EPA Method 8260B. Many of these borings were drilled in the northwestern portion of the Site in the vicinity of the former gasoline UST system. Laboratory analytical reports and chain-of-custody documentation are included in Appendix D.

4.4 SURVEYING

After the investigation was completed, the Site was surveyed by PLS Surveys, Inc., a state-licensed land surveyor. The locations of all 40 soil borings, the former diesel UST, former diesel pump island, diesel product piping trench excavation, and other relevant structures and site features were surveyed relative to the North American Datum (NAD) of 1983. The ground elevation of each boring was also surveyed relative to the North American Vertical Datum (NAVD) of 1988, in accordance with California GeoTracker requirements. The survey data were used in the preparation of geologic cross-sections and site maps and are included in Appendix E.

4.5 DISPOSAL OF INVESTIGATION-DERIVED WASTE

Soil and water derived from the subsurface investigation were contained in Department of Transportation (DOT)-approved drums stored temporarily onsite. Four drums of soil cuttings

and one drum of rinsate water were generated during the course of the investigation. A composite soil sample (DRUM1,2,3,4) and a water sample (DW) were collected and submitted for laboratory analysis. The samples were analyzed for TPH-g by EPA Method 8260B, TPH-d and TPH-mo by EPA Method 8015M with a silica gel cleanup, BTEX and MTBE by EPA Method 8260B, and total lead by EPA Method 6010. The analytical data are included in Appendix D. The IDW was subsequently profiled, and delivered by PSC to an approved disposal facility in Fernley, Nevada. Waste disposal documentation is included in Appendix F.

5.0 HYDROGEOLOGIC DATA EVALUATION

Figure 3 illustrates the trace of three cross-sections prepared from logs of borings drilled at the Site. Figures 4 and 5 present the three cross-sections, illustrating the lithology and stratigraphy beneath the Site. Cross-sections A-A' and B-B' have a general west-to-east orientation, and cross-section C-C' has a general south-to-north orientation.

Soil encountered in the 40 borings drilled in September 2006 consisted of clay, silt, sand, and gravel. The predominant soil types beneath the Site consist primarily of clay and silty clay. In the northwestern portion of the Site, silty sand was encountered at approximately 9.5 to 10.5 feet BGS in boring E3. Additionally, gravelly sand and silty sand were encountered at depths greater than 23 feet BGS in borings E1 and E3, respectively.

In the vicinity of the former diesel pump island and truck wash building, sandy and gravelly layers were generally encountered at depths beginning at 5 to 10 feet BGS. These layers ranged from approximately 1 to 5 feet in thickness.

Groundwater was first encountered in the borings at depths ranging from approximately 9.5 to 24 feet BGS. Groundwater in some of the borings was subsequently measured at approximately 9 to 19 feet BGS.

6.0 ANALYTICAL DATA EVALUATION

6.1 ANALYTICAL DATA FOR SOIL

A total of 127 soil samples were collected and submitted for petroleum hydrocarbon analysis during this investigation. The analytical data are presented in Table 1. Four soil samples were analyzed for physical parameters, and the data are included in Table 2.

6.1.1 PETROLEUM HYDROCARBONS

TPH-d was detected in the soil samples at concentrations up to 8,300 mg/kg. The highest concentrations of TPH-d were detected in the samples collected in the vicinity of the former diesel pump island and southern portion of the former diesel product piping trench. Elevated levels of TPH-d were also detected in the samples collected from borings E1 and E2 at depths of 11.5 and 12 feet, respectively. In general, the highest concentrations of TPH-d were detected in soil at depths of less than 16 feet. Figure 6 illustrates the concentrations of TPH-d in soil.

TPH-g was detected in the soil samples at concentrations up to 140 mg/kg. However, the highest concentrations of TPH-g were detected in the samples that contained the highest levels of TPH-d (boring E29).

TPH-mo was detected in the soil samples at concentrations up to 28 mg/kg. However, the analytical laboratory indicated that the hydrocarbons detected had a lower boiling point than typical motor oil.

Laboratory analytical data indicate that BTEX was not detected in any of the soil samples collected during this investigation.

6.1.2 MTBE

Soil samples from all 40 borings were analyzed for MTBE. MTBE was only detected in soil boring E5 drilled near the former 10,000-gallon gasoline and diesel UST excavation. The concentrations of MTBE were 0.017 mg/kg in the soil sample collected 15 feet BGS and 0.020 mg/kg in the sample collected 20 feet BGS.

6.1.3 PHYSICAL PARAMETERS

A total of four soil samples were collected from two borings (E8 and E36) and analyzed for physical parameters. The soil samples were collected from boring E8 at 4 and 7 feet BGS and from boring E36 at 6.5 and 9.5 feet BGS. The samples were analyzed for bulk density, porosity, air-filled void space, moisture content, and total organic carbon (TOC). The analytical data are included in Table 2.

The bulk density of the four soil samples ranged from 1.9 to 2.0 grams-per-cubic centimeter. The porosity of the samples ranged from 33 to 43 percent by volume. The results indicated that the shallower sample collected from each boring contained higher porosity than the deeper samples collected from the same borings. The air-filled void space in samples E8-4, E8-7, and E36-6.5 ranged from 3.2 to 3.3 percent by volume and for sample E36-9.5 was 18 percent by

volume. The moisture content of samples E8-4, E8-7, and E36-6.5 ranged from 16 to 21 percent (dry weight) and was 8.0 percent in sample E36-9.5. The TOC content of the samples ranged from 2,400 mg/kg to 14,000 mg/kg with the highest concentration in soil sample E8-4.

6.2 ANALYTICAL DATA FOR GROUNDWATER

A total of 38 groundwater samples and one waste characterization water sample (DW) were collected and submitted for laboratory analysis during this investigation. The analytical data are presented in Table 3.

6.2.1 PETROLEUM HYDROCARBONS

TPH-d was detected in the groundwater samples at concentrations up to 3,500,000 µg/L (boring E29). The highest concentrations of TPH-d were detected in the samples collected in the vicinity of the former diesel pump island and southern portion of the former diesel product piping trench. Elevated levels of TPH-d were also detected in the samples collected from borings E1 and E2. TPH-d concentrations in groundwater are shown on Figure 7.

TPH-g was detected in five of the groundwater samples at concentrations up to 560 µg/L. However, the highest concentrations of TPH-g were detected in the samples that contained the highest levels of TPH-d (borings E1 and E29).

Xylenes were detected in groundwater sample E29 at 1.4 µg/L and were not detected in the other samples. Benzene, toluene, and ethylbenzene were not detected in any of the groundwater samples.

6.2.2 MTBE

MTBE was detected in the groundwater samples at concentrations up to 22 µg/L (boring E33). MTBE concentrations in groundwater are shown on Figure 8.

7.0 SUMMARY AND CONCLUSIONS

In September 2006, ETIC performed a soil and groundwater quality investigation at the Site. ETIC directed the field activities associated with drilling 40 soil borings and collecting 131 soil samples and 38 groundwater samples from the borings for laboratory analysis.

Soil encountered in the 40 borings consisted of clay, silt, sand, and gravel. The predominant soil types beneath the Site consist primarily of clay and silty clay. Sandy and gravelly layers were generally encountered at depths beginning at 5 to 10 feet BGS. These layers ranged from approximately 1 to 5 feet in thickness. Groundwater was first encountered in the borings at depths ranging from approximately 9.5 to 24 feet BGS. Groundwater in some of the borings was subsequently measured at approximately 9 to 19 feet BGS. Historical data indicate that groundwater flows toward the southwest with a hydraulic gradient ranging from approximately 0.005 to 0.01 ft/ft in the site vicinity.

Diesel was the primary chemical detected in soil and groundwater samples collected during this investigation. For soil, the highest concentrations of TPH-d were detected in the samples collected in the vicinity of the former diesel pump island and southern portion of the former diesel product piping trench. In general, the highest concentrations of TPH-d were detected in soil at depths of less than 16 feet. Elevated levels of TPH-d were also detected in the soil samples collected from borings E1 and E2 drilled near the former truck maintenance garage at depths of 11.5 and 12 feet, respectively. The depths of the elevated concentrations in soil in borings E1 and E2 coincide with the depth to groundwater and diesel impact detected in groundwater.

Four soil samples collected from the vadose zone were analyzed for physical parameters. These data may be utilized in the future to evaluate the fate and transport of residual petroleum hydrocarbons in the subsurface.

For groundwater, the highest concentrations of TPH-d were detected in the samples collected in the vicinity of the former diesel pump island and southern portion of the former diesel product piping trench. Elevated levels of TPH-d were also detected in the groundwater samples collected from borings E1 and E2.

Based on the data obtained during this investigation, the vertical extent of petroleum-hydrocarbon impacts are adequately defined. However, further delineation of the lateral extent of petroleum hydrocarbons in the subsurface will be necessary.

8.0 RECOMMENDATIONS

Based on the results of this investigation, ETIC offers the following recommendations.

- Further assess soil and groundwater quality to evaluate the lateral extent of diesel impact in the subsurface. The investigation should include soil borings drilled north and west of borings E1 and E2, and borings south and southwest of the former diesel pump island. The investigation would be performed onsite and offsite;
- Excavate and remove the inactive oil/water separator system, which is located in the truck wash building near the source of diesel impacts in the subsurface;
- Based on the results of the additional investigation, excavate impacted soil and extract groundwater from remedial excavations. Properly dispose of excavated soil and groundwater. Collect and analyze soil and groundwater samples from the remedial excavations to evaluate the effectiveness of remediation. Backfill the excavations with clean imported backfill material, and perform final site restoration activities;
- Following source removal and site restoration activities, install groundwater monitoring wells upgradient, downgradient, and within the area of impact;
- Perform quarterly groundwater monitoring of the wells;
- Perform a soil vapor investigation at the Site to evaluate potential risk due to vapor intrusion;
- Perform a survey to identify potential sensitive receptors at the Site and in the vicinity;
- Prepare a site conceptual model to examine the fate and transport of residual diesel impacts and potential exposure scenarios;
- Examine and evaluate site-specific data in conjunction with the criteria for low-risk closure of the environmental case; and
- Prepare and submit a request for closure of the environmental case to ACHCSA.

9.0 REFERENCES

- American Society for Testing and Materials (ASTM), 2000. Standard Practice for Description and Identification of Soils (Visual-Manual Procedure), ASTM, West Conshohocken, Pennsylvania.
- Alameda County Health Care Services Agency, 2003. Notice of Responsibility, Record ID RO0002569, Sara Lee Bakery, 955 Kennedy Street, Oakland, CA 94606, August 19, 2003.
- Alameda County Health Care Services Agency, 2006. Approval Letter for Work Plan Addendum for Soil and Groundwater Quality Investigation, Record ID RO0002569, Earthgrains Baking Companies, Inc., 955 Kennedy Street, Oakland, CA 94606, August 25, 2006.
- Burlington Environmental Inc., 1993. Soil and Groundwater Investigation Report, 955 Kennedy Street, Oakland, California, Burlington Environmental Project No. CTI106/412, January 5, 1993.
- Burlington Environmental Inc., 1995. Fourth Quarter 1994 Groundwater Monitoring Report and Request for UST Case Closure, 955 Kennedy Street, Oakland, California, Burlington Environmental Project No. 121382/125971, January 19, 1995.
- Department of Water Resources (DWR), 2003. California's Groundwater, Bulletin 118, Update 2003, San Francisco Bay Hydrologic Region, Santa Clara Valley Groundwater Basin, East Bay Plain Subbasin, DWR, Sacramento, California.
- ETIC Engineering Inc., 2006a. Work Plan for Soil and Groundwater Quality Investigation, Earthgrains Baking Companies, Inc., 955 Kennedy Street, Oakland, California 94606, RO# 0002569, April 14, 2006.
- ETIC Engineering Inc., 2006b. Work Plan Addendum for Soil and Groundwater Quality Investigation, Earthgrains Baking Companies, Inc., 955 Kennedy Street, Oakland, California 94606, RO# 0002569, August 11, 2006.
- ETIC Engineering Inc., 2006c. Electronic mail correspondence, ETIC to Mr. Don Hwang of ACHCSA, Regarding Earthgrains Baking Companies, Inc., 955 Kennedy Street, Oakland, California 94606, RO# 0002569, August 25, 2006.

- John Mathes & Associates, Inc., 1990. Draft Site Assessment Work Plan, 955 Kennedy Street, Oakland, California, John Mathes & Associates Project No. 121382/4002, February 1990.
- John Mathes & Associates, Inc., 1991. Underground Storage Tank Closure and Installation Report, 955 Kennedy Street, Oakland, California, John Mathes & Associates Project No. 121382/5810, June 7, 1991.
- Philip Environmental Services Corporation, 1995a. Well Destruction Report, 955 Kennedy Street, Oakland, California, PSC Project No. CTI106/125971, July 7, 1995.
- Philip Environmental Services Corporation, 1995b. Tier 1 Risk Assessment, 955 Kennedy Street, Oakland, California, PSC Project No. 121382/125971, July 25, 1995.
- Philip Environmental Services Corporation, 1996. Notification of Well Abandonment, 955 Kennedy Street, Oakland, California, PSC Project No. CTI106/125971.7052, April 4, 1996.
- Philip Environmental Services Corporation, 2005. UST System Closure Report for Earthgrains Baking Companies, Inc., 955 Kennedy Street, Oakland, California, PSC Project No. 62402797, April 15, 2005.
- Sowers, Janet M., 2000. Creek and Watershed Map of Oakland and Berkeley. The Oakland Museum of California.

Figures

Tables

TABLE 1. SOIL SAMPLE ANALYTICAL DATA -
 PETROLEUM HYDROCARBONS AND MTBE
 Earthgrains Baking Companies, Inc.
 955 Kennedy Street
 Oakland, California 94606

Sample ID	Date	Depth (feet)	Concentration (mg/kg)							
			Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
PROBE HOLE-1	04/09/03	4.5	<0.62	<0.62	<0.62	<0.62	NA	NA	3,300*	NA
PROBE HOLE-2	04/09/03	3.5	NA	NA	NA	NA	NA	NA	NA	<50
TRENCH-1	03/08/05	4	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<1.0	<1.0	NA
TRENCH-2	03/08/05	4	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<1.0	<1.0	NA
TRENCH-3	03/08/05	4	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<1.0	<1.0	NA
TRENCH-4	03/08/05	4	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<1.0	<1.0	NA
TRENCH-5	03/08/05	4	<0.050	<0.050	<0.050	<0.050	<0.010	48†	1,700	NA
EXCAVATION-1	03/09/05	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<1.0	<1.0	NA
EXCAVATION-2	03/09/05	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<1.0	<1.0	NA
E1	09/15/06	4.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	4.0	17#	NA
E1	09/15/06	8	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E1	09/15/06	11.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	3.5	710	NA
E1	09/15/06	16	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	5.8	NA
E1	09/15/06	20	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	5.2	NA
E2	09/15/06	8	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E2	09/15/06	12	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	8.0	860	NA
E2	09/15/06	16	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.7	NA
E3	09/22/06	4	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.8‡	NA
E3	09/22/06	8	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.0‡	NA
E3	09/22/06	12	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E3	09/22/06	16	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E3	09/22/06	20	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E4	09/12/06	10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	5.6‡	NA
E5	09/12/06	5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.7‡	NA
E5	09/12/06	10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E5	09/12/06	15	<0.0050	<0.0050	<0.0050	<0.0050	0.017	<1.0	<1.0	NA
E5	09/12/06	20	<0.0050	<0.0050	<0.0050	<0.0050	0.020	<1.0	<1.0	NA
E6	09/12/06	5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.7‡	NA
E6	09/12/06	9	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	32‡	NA
E6	09/12/06	10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	4.1‡	NA
E7	09/12/06	2.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	2.6	73**	NA
E7	09/15/06	3.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.6‡	NA
E7	09/15/06	8	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.4‡	NA
E7	09/15/06	12	NA	NA	NA	NA	NA	NA	<1.0	NA
E7	09/15/06	16	NA	NA	NA	NA	NA	NA	<1.0	NA
E8	09/12/06	5.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.3‡	NA
E8	09/12/06	10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E8	09/12/06	15	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E8	09/12/06	20	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E9	09/21/06	20	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.3‡	NA
E9	09/21/06	24	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E9	09/21/06	28	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA

TABLE 1. SOIL SAMPLE ANALYTICAL DATA -
 PETROLEUM HYDROCARBONS AND MTBE
 Earthgrains Baking Companies, Inc.
 955 Kennedy Street
 Oakland, California 94606

Sample ID	Date	Depth (feet)	Concentration (mg/kg)							
			Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
E10	09/21/06	16	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E10	09/21/06	20	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E10	09/21/06	24	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E10	09/21/06	27.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E10	09/21/06	32	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E11	09/12/06	5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E11	09/12/06	10.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E11	09/12/06	15	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E11	09/12/06	20	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E12	09/12/06	10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.5‡	NA
E13	09/15/06	5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.1‡	NA
E13	09/15/06	8	NA	NA	NA	NA	NA	NA	<1.0	NA
E13	09/15/06	12	NA	NA	NA	NA	NA	NA	<1.0	NA
E13	09/15/06	18.5	NA	NA	NA	NA	NA	NA	<1.0	NA
E14	09/15/06	4.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.3‡	NA
E14	09/15/06	8	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E14	09/15/06	15	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E15	09/21/06	4	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E15	09/21/06	8.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E15	09/21/06	12	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E15	09/21/06	19	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E16	09/12/06	10.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E17	09/21/06	8	NA	NA	NA	NA	NA	NA	1.6‡	NA
E17	09/21/06	12	NA	NA	NA	NA	NA	NA	<1.0	NA
E17	09/21/06	19	NA	NA	NA	NA	NA	NA	1.5‡	NA
E19	09/15/06	14.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E23	09/22/06	8	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	3.6‡	NA
E23	09/22/06	12	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.1‡	NA
E23	09/22/06	16	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<1.0	NA
E24	09/22/06	4	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.5‡	NA
E24	09/22/06	8.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.1‡	NA
E24	09/22/06	15	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.6‡	NA
E25	09/13/06	10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	23‡	NA
E26	09/21/06	4	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	4.1‡	<10
E26	09/21/06	11	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	1.2	470	22††
E26	09/21/06	13	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	5.2	260	28††
E26	09/21/06	19	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.2	<10
E27	09/13/06	5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	1.2‡	NA
E27	09/13/06	8.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	1.2‡	NA
E28	09/11/06	4.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	76‡	NA
E28	09/11/06	10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	58‡	NA
E28	09/11/06	15	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	5.8‡	NA

TABLE 1. SOIL SAMPLE ANALYTICAL DATA -
 PETROLEUM HYDROCARBONS AND MTBE
 Earthgrains Baking Companies, Inc.
 955 Kennedy Street
 Oakland, California 94606

Sample ID	Date	Depth (feet)	Concentration (mg/kg)							
			Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
E29	09/13/06	2	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	8,300	NA
E29	09/21/06	4	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	31	3,100	<20
E29	09/21/06	8	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	140	3,800	<20
E29	09/21/06	12	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	4.7	590	17††
E29	09/21/06	14	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	6.9	200	<10
E29	09/21/06	16	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.5	<10
E30	09/11/06	4	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	3.8‡	NA
E30	09/11/06	8	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<1.0	NA
E30	09/11/06	12	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<1.0	NA
E30	09/11/06	15	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<1.0	NA
E31	09/11/06	6.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	44‡	NA
E31	09/11/06	10.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	300	NA
E31	09/11/06	14.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	8.0	NA
E31	09/11/06	16	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	5.0	NA
E32	09/13/06	4	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	1.3‡	NA
E32	09/13/06	8.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<1.0	NA
E33	09/11/06	4.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	520	NA
E33	09/11/06	8	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	30	NA
E33	09/11/06	12	<0.025	<0.025	<0.025	<0.025	<0.025	NA	7,500	NA
E33	09/11/06	16	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	6.9	NA
E34	09/13/06	4	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	1.1‡	NA
E34	09/13/06	8	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<1.0	NA
E34	09/13/06	12	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	19	NA
E34	09/13/06	19	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<1.0	NA
E35	09/11/06	6	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<1.0	NA
E35	09/11/06	10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	570	NA
E35	09/11/06	14	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	2.3	NA
E35	09/11/06	18	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	35	NA
E35	09/11/06	21	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	1.2‡	NA
E36	09/11/06	4	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	1.6†	NA
E36	09/11/06	8.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	1.3‡	NA
E36	09/11/06	10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	5,100	NA
E36	09/11/06	15	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	1.9	NA
E37	09/13/06	4	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	1.4‡	NA
E37	09/13/06	9.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	1.5‡	NA
E37	09/13/06	12.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	410	NA
E37	09/13/06	15	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	2.4‡	NA
E38	09/13/06	4	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<1.0	NA
E38	09/13/06	8	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<1.0	NA
E38	09/13/06	11	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	420	NA
E38	09/13/06	12	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	140	NA
E38	09/13/06	16	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	1.0	NA

TABLE 1. SOIL SAMPLE ANALYTICAL DATA -
 PETROLEUM HYDROCARBONS AND MTBE
 Earthgrains Baking Companies, Inc.
 955 Kennedy Street
 Oakland, California 94606

Sample ID	Date	Depth (feet)	Concentration (mg/kg)							
			Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
E38	09/13/06	19	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<1.0	NA
E39	09/13/06	4	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	1.3†	NA
E39	09/13/06	9.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	3.5	NA
E39	09/13/06	12.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	37	NA
E39	09/13/06	17.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<1.0	NA
E40	09/13/06	4.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<1.0	NA
E40	09/13/06	8	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	2.8†	NA
E40	09/13/06	10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	190	NA
E40	09/13/06	12	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	18	NA
E40	09/13/06	16	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<1.0	NA
DRUM1,2,3,4††	09/22/06	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	8.9‡	26

mg/kg	Milligrams per kilogram.
MTBE	Methyl Tertiary Butyl Ether.
TPH-g	Total Petroleum Hydrocarbons quantified as gasoline.
TPH-d	Total Petroleum Hydrocarbons quantified as diesel.
TPH-mo	Total Petroleum Hydrocarbons quantified as motor oil.
NA	Not Analyzed.
*	The pattern exhibited by the hydrocarbons detected did not match the laboratory's diesel standard.
†	The laboratory indicated a "non-gasoline pattern; appears to be diesel."
#	The hydrocarbons reported as TPH-d do not exhibit a typical diesel chromatographic pattern. These hydrocarbons are lower boiling than typical diesel fuel.
‡	The hydrocarbons reported as TPH-d do not exhibit a typical diesel chromatographic pattern. These hydrocarbons are higher boiling than typical diesel fuel.
**	Some of the hydrocarbons detected are higher boiling and some are lower boiling than typical diesel fuel.
††	The hydrocarbons reported as TPH-mo do not exhibit a typical motor oil chromatographic pattern. These hydrocarbons are lower boiling than typical motor oil.
‡‡	DRUM1,2,3,4 was a 4-point composite sample of investigation-derived soil waste. Lead was also detected in DRUM1,2,3,4 at 9.95 mg/kg.

TABLE 2. SOIL SAMPLE ANALYTICAL DATA -
PHYSICAL PARAMETERS
Earthgrains Baking Companies, Inc.
955 Kennedy Street
Oakland, California 94606

Sample ID	Date	Depth (feet)	Bulk Density (g/cm ³)	Porosity (Volume %)	Air-Filled Void Space (Volume %)	Moisture (Dry Weight %)	Total Organic Carbon (mg/kg)
E8	09/12/06	4	1.9	43	3.3	21	14,000
		7	2.0	36	3.2	16	3,400
E36	09/11/06	6.5	1.9	41	3.3	20	2,400
		9.5	1.9	33	18	8.0	4,500

g/cm³ Grams per cubic centimeter.

% Percentage.

mg/kg Milligrams per kilogram.

Notes: Bulk Density and Porosity are determined using SSSA#5.
Air-Filled Void Space is determined using API 40RP.
Moisture determined by ASTM 2216-92.
Total Organic Carbon determined using Method SM5310B.

TABLE 3. GROUNDWATER SAMPLE ANALYTICAL DATA
Earthgrains Baking Companies, Inc.
955 Kennedy Street
Oakland, California 94606

Sample ID	Date	Concentration (µg/L)							
		Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Excavation Water	3/8/05	<0.50	<0.50	<0.50	<0.50	2.7†	130*	6,100	NA
E1	9/15/06	<0.50	<0.50	<0.50	<0.50	<0.50	560	360,000	NA
E2	9/15/06	<0.50	<0.50	<0.50	<0.50	<0.50	<50	1,200	NA
E3	9/22/06	<0.50	<0.50	<0.50	<0.50	6.1	<50	<50	NA
E7	9/15/06	<0.50	<0.50	<0.50	<0.50	<0.50	62‡	<50	NA
E8	9/12/06	<0.50	<0.50	<0.50	<0.50	2.0	<50	<50	NA
E09-10-W	9/21/06	<0.50	<0.50	<0.50	<0.50	7.5	<50	<50	NA
E09-28-W	9/21/06	<0.50	<0.50	<0.50	<0.50	<0.50	94‡	<50	NA
E10-32-W	9/21/06	<0.50	<0.50	<0.50	<0.50	<0.50	94‡	<50	NA
E11	9/12/06	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	NA
E12	9/12/06	<0.50	<0.50	<0.50	<0.50	<0.50	<50	260**	NA
E13	9/15/06	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	NA
E14	9/15/06	<0.50	<0.50	<0.50	<0.50	3.2	<50	<50	NA
E15	9/21/06	<0.50	<0.50	<0.50	<0.50	15	<50	<50	NA
E16	9/12/06	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	NA
E17	9/21/06	<0.50	<0.50	<0.50	<0.50	<0.50	<50	120**	NA
E18	9/22/06	<0.50	<0.50	<0.50	<0.50	3.3	<50	<50	NA
E19	9/15/06	<0.50	<0.50	<0.50	<0.50	2.8	<50	<50	NA
E20	9/22/06	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	NA
E21	9/22/06	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	NA
E22	9/21/06	<0.50	<0.50	<0.50	<0.50	7.1	<50	<50	NA
E23	9/22/06	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	NA
E24	9/22/06	<0.50	<0.50	<0.50	<0.50	0.69	<50	<50	NA
E25	9/13/06	<0.50	<0.50	<0.50	<0.50	0.92	<50	<50	NA
E26	9/21/06	<0.50	<0.50	<0.50	<0.50	<0.50	<50	1,900	NA
E27	9/13/06	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	NA
E28	9/11/06	<0.50	<0.50	<0.50	<0.50	<0.50	NA	68,000	NA
E29	9/21/06	<0.50	<0.50	<0.50	1.4	<0.50	290	3,500,000	NA
E30	9/11/06	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<50	NA
E31	9/11/06	<0.50	<0.50	<0.50	<0.50	<0.50	NA	880,000	NA
E32	9/13/06	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<50	NA
E33	9/11/06	<0.50	<0.50	<0.50	<0.50	22	NA	4,200	NA
E34	9/13/06	<0.50	<0.50	<0.50	<0.50	<0.50	NA	3,900	NA
E35	9/11/06	<0.50	<0.50	<0.50	<0.50	4.2	NA	3,500	NA

TABLE 3. GROUNDWATER SAMPLE ANALYTICAL DATA
Earthgrains Baking Companies, Inc.
955 Kennedy Street
Oakland, California 94606

Sample ID	Date	Concentration (µg/L)							
		Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
E36	9/11/06	<0.50	<0.50	<0.50	<0.50	0.61	NA	1,700,000	NA
E37	9/13/06	<0.50	<0.50	<0.50	<0.50	<0.50	NA	70,000	NA
E38	9/13/06	<0.50	<0.50	<0.50	<0.50	<0.50	NA	3,400	NA
E39	9/13/06	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<50	NA
E40	9/13/06	<0.50	<0.50	<0.50	<0.50	<0.50	NA	3,100	NA
DW††	9/22/06	<0.50	<0.50	<0.50	<0.50	<0.50	<50	2,600	<100

µg/L Micrograms per liter.

MTBE Methyl Tertiary Butyl Ether.

TPH-g Total Petroleum Hydrocarbons quantified as gasoline.

TPH-d Total Petroleum Hydrocarbons quantified as diesel.

TPH-mo Total Petroleum Hydrocarbons quantified as motor oil.

NA Not Analyzed.

* The laboratory indicated a "non-gasoline pattern; appears to be diesel."

† The concentration of MTBE in the sample was 2.7 µg/L when analyzed by EPA Method 8020 and 1.9 µg/L when analyzed by EPA Method 8260.

‡ The hydrocarbons reported as TPH-g do not exhibit a typical gasoline chromatographic pattern.

** The hydrocarbons reported as TPH-d do not exhibit a typical diesel chromatographic pattern. These hydrocarbons are higher boiling than typical diesel fuel.

†† DW was a sample of investigation-derived water waste. Lead was not detected in sample DW.

Appendix A

Regulatory Correspondence

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director

Certified Mail #
August 19, 2003

7002 0510 0000 2178 5879

Notice of Responsibility

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335Record ID: R00002569
Sara Lee Bakery
955 Kenedy Street
Oakland, CA 94606

SITE

Date First Reported 4/15/2003
Substance: Gasoline
Funding (Federal or State): F
Multiple RPs?: NResponsible Party (RP)
Property OwnerTheresa Lanctot
Sara Lee Bakery Group Inc
8500 Maryland Ave
St Louis MO 63105-3668

Pursuant to sections 25297.1 and 25297.15 of the Health and Safety Code, you are hereby notified that the above site has been placed in the Local Oversight Program and the individual(s) or entity(ies) shown above, or on the attached list, has (have) been identified as the party(ies) responsible for investigation and cleanup of the above site. Section 25297.15 further requires the primary or active Responsible Party to notify all current record owners of fee title before the local agency considers cleanup or site closure proposals or issues a closure letter. For purposes of implementing section 25297.15, this agency has identified Sara Lee Bakery Group Inc. as the primary or active Responsible Party. It is the responsibility of the primary or active Responsible Party to submit a letter to this agency within 20 calendar days of receipt of this notice which identifies all current record owners of fee title. It is also the responsibility of the primary or active Responsible Party to certify to the local agency that the required notifications have been made at the time a cleanup or site closure proposal is made or before the local agency makes a determination that no further action is required. If property ownership changes in the future, you must notify this local agency within 20 calendar days from when you are informed of the change.

Any action or inaction by this local agency associated with corrective action, including responsible party identification, is subject to petition to the State Water Resources Control Board. Petitions must be filed within 30 days from the date of the action/ inaction. To obtain petition procedures, please FAX your request to the State Water Board at (916) 227-4349 or telephone (916) 227-4408.

Pursuant to section 25299.37(c) (7) of the Health and Safety Code, a responsible party may request the designation of an administering agency when required to conduct corrective action. Please contact Amir Gholami, Hazardous Materials Specialist at this office at (510) 567-6700 for further information about the site designation process.

Ariu Levi, Chief
Contract Project Director

Date: 8/20/03

Please Circle One ☒ Add ☐ Delete ☐ Change

Reason:

NEW CASE

C: Luanne Rolland, SWRCB

Amir K. Gholami, Hazardous Materials Specialist

From: Thomas Neely
To: don.hwang@acgov.org
Date: 8/25/2006 2:57PM
Subject: Earthgrains-Oakland, RO #0002569

Don,

Thank you for your telephone message regarding the Work Plan for Soil and Groundwater Quality Investigation, dated April 14, 2006, and its addendum, dated August 11, 2006, for the Earthgrains Baking Companies site located at 955 Kennedy Street in Oakland. We appreciate your input on this project.

You raised two questions in your message. The first pertained to soil sampling intervals and the second concerned UST Fund reimbursement.

Regarding the soil sampling depths, the proposed sampling depths indicated in Table 3 of the work plan and addendum are approximate. We will collect and analyze soil samples at changes in lithology, where contamination is evident, and at the soil/groundwater interface. Consequently, actual sampling depths will reflect what is encountered during drilling and sampling.

Regarding UST Fund reimbursement, we recognize that the UST Fund may not reimburse for all of the sampling locations drilled or samples collected and analyzed. It is the intent of Sara Lee Bakery Group and its representatives to fully characterize the extent of contamination onsite in accessible areas and to provide sufficient data for subsequent remediation, if necessary. The intent of the work plan is to accomplish both of these goals to the extent possible in one mobilization through Geoprobe sampling. We also recognize that groundwater monitoring wells may be required and necessary. We will address the need for groundwater monitoring wells upon evaluating the results of the Geoprobe investigation.

We look forward to your written approval of the work plan and its addendum.

Tom

Thomas Neely, PG, CHG, REA II
ETIC Engineering, Inc.
2285 Morello Avenue
Pleasant Hill, CA 94523
(925) 602-4710 ext. 17
tneely@eticeng.com

CC: sjander@pscnw.com

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



SLOAK

August 25, 2006

Melvin Siegel
Environmental Manager

Earthgrains Baking Companies, Inc.
955 Kennedy Street
Oakland, California 94606

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

RECEIVED

AUG 31 2006

ETIC ENGINEERING

Dear Mr. Siegel:

Subject: Fuel Leak Case No. RO0002569, Earthgrains Baking Companies, Inc.,
955 Kennedy Street, Oakland, California 94606

Alameda County Environmental Health staff has reviewed "Work Plan for Soil and Groundwater Quality Investigation" dated April 14, 2006, "Work Plan Addendum for Soil and Groundwater Quality Investigation" dated August 11, 2006, and email dated August 25, 2006, all by ETIC Engineering, Inc. The Work Plan with addendums is approved. We request that you perform the proposed work and send us the information requested below.

TECHNICAL REPORT REQUEST

Please submit the following technical reports to Alameda County Environmental Health (Attention: Don Hwang), according to the following schedule:

- October 25, 2006 - Soil and Groundwater Investigation Report

If you have any questions, I may be reached at (510) 567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist
Local Oversight Program

C: Scott Jander, Project Manager, PSC Environmental Services 210 West Sand
Bank Road Columbia, Illinois 62236
Thomas Neely, PG, Project Manager, ETIC Engineering,
2285 Morello Avenue Pleasant Hill, California 94523
Donna Drogos
File

From: "Hwang, Don, Env. Health" <don.hwang@acgov.org>
To: "Thomas Neely" <TNeely@eticeng.com>
Date: 10/19/2006 2:03PM
Subject: RE: Request for Report Submittal Extension, Earthgrains, 955Kennedy Street, Oakland, RO#0002569

ok

-----Original Message-----

From: Thomas Neely [mailto:TNeely@eticeng.com]
Sent: Tuesday, October 17, 2006 6:15 PM
To: Hwang, Don, Env. Health
Cc: sjander@pscnw.com
Subject: Request for Report Submittal Extension, Earthgrains, 955Kennedy Street, Oakland, RO#0002569

Don,

On August 31, 2006, ETIC received your work plan approval letter, dated August 25, 2006 for the Earthgrains site located at 955 Kennedy Street in Oakland. Drilling was conducted at 40 locations at the site during September 2006, as described in ETIC's work plan and addendums. Soil and groundwater samples were collected and the samples were submitted for laboratory analysis. We are currently evaluating the analytical data.

We are also arranging for a licensed land surveyor to survey the site boundaries, buildings, boring locations, former tank areas, pipelines, pump island, and other relevant site features to create a detailed map of the site. Surveying of the sampling locations will be performed in accordance with Geotracker requirements. The field surveying effort is scheduled for Monday, October 23, 2006, and the results will be subsequently provided to ETIC. ETIC will use the new surveyed base map to create figures for the investigation report, illustrating the field and analytical data.

So that we may be able to prepare and submit a complete and accurate report of the investigation (including report figures), we request an extension of the deadline for submittal of the Soil and Groundwater Quality Investigation report to December 21, 2006.

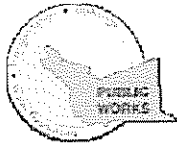
Thank you for your consideration of this request,

Tom

Appendix B

Drilling Permit

Alameda County Public Works Agency - Water Resources Well Permit



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

Application Approved on: 04/25/2006 By jamesy

Permit Numbers: W2006-0307
Permits Valid from 09/11/2006 to 09/29/2006

Application Id: 1145979428592
Site Location: 955 Kennedy St, Oakland, CA 94606
Project Start Date: 09/08/2006
Extension Start Date: 09/11/2006
Extension Count: 2

City of Project Site: Oakland
Completion Date: 09/11/2006
Extension End Date: 09/29/2006
Extended By: jamesy

Applicant: ETIC Engineering - Thomas Neely
2285 Morello Avenue, Pleasant Hill, CA 94523
Property Owner: Earthgrains Baking Companies Inc.
955 Kennedy St, Oakland, CA 94606
Client: ** same as Property Owner **

Phone: 925-602-4710

Phone: 510-436-5350

Receipt Number: WR2006-0186 Total Due: \$200.00
Payer Name: ETIC Total Amount Paid: \$200.00
Paid By: CHECK PAID IN FULL

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 40 Boreholes
Driller: Enprob - Lic #: 777007 - Method: other

Work Total: \$200.00

Specifications

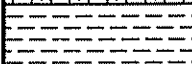
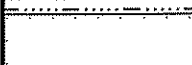
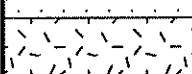
Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2006-0307	04/25/2006	09/03/2006	40	2.00 in.	35.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. 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.
5. 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.
6. Applicant shall contact James Yoo for an inspection time at 510-670-6633 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.

Appendix C

Boring Logs

MAJOR DIVISIONS			TYPICAL NAMES	
COARSE-GRAINED SOILS More than half is coarser than No. 200 sieve	GRAVELS more than half coarse fraction is larger than No. 4 sieve size	Clean gravels with little or no fines	GW	 Well graded gravels with or without sand, little or no fines
			GP	 Poorly graded gravels with or without sand, little or no fines
		Gravels with over 12% fines	GM	 Silty gravels, silty gravels with sand
			GC	 Clayey gravels, clayey gravels with sand
	SANDS more than half coarse fraction is smaller than No. 4 sieve size	Clean sands with little or no fines	SW	 Well graded sands with or without gravel, little or no fines
			SP	 Poorly graded sands with or without gravels, little or no fines
		Sands with over 12% fines	SM	 Silty sands with or without gravel
			SC	 Clayey sands with or without gravel
FINE-GRAINED SOILS More than half is finer than No. 200 sieve	SILTS AND CLAYS liquid limit 50% or less		ML	 Inorganic silts and very fine sands, rock flour, silts with sands and gravels
			CL	 Inorganic clays of low to medium plasticity, clays with sands and gravels, lean clays
			OL	 Organic silts or clays of low plasticity
	SILTS AND CLAYS liquid limit greater than 50%		MH	 Inorganic silts, micaceous or diatomaceous, fine sandy or silty soils, elastic silts
			CH	 Inorganic clays of high plasticity, fat clays
			OH	 Organic clays or clays of medium to high plasticity
	HIGHLY ORGANIC SOILS		PT	 Peat and other highly organic soils
SYMBOLS			DRILL LOG ROCK TYPES	
 First Encountered Groundwater  Gauged Groundwater Level  Samples  Air  Soil  Water  Open Hole			 Limestone  Dolomite  Mudstone  Siltstone  Sandstone  Igneous	
			UNIFIED SOIL CLASSIFICATION SYSTEM DESCRIPTIONS AND SYMBOLS USED ON ETIC DRILL LOGS	



Engineering, Inc.

LOG OF SOIL BORING:

E01

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 4 feet bgs Direct push Geoprobe 5410 with Macro
Core Clear Acetate Liners

WATER LEVEL 17.25 19.87

TIME

1122

1200

DATE

9/15/06

9/15/06

REFERENCE

GS

GS

START

FINISH

TIME

1100

TIME

1155

DATE

9/15/06

DATE

9/15/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE
RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Revised by: *[Signature]*

CONCRETE

CONCRETE to 10" bgs.

SILTY GRAVEL

(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.

SILTY CLAY

Black (5Y 2.5/1), medium stiff, low plasticity, dry.

CL

Change to greenish black (GLE1 10Y 2.5/1), soft to medium stiff, slightly moist, moderate odor

CL

Color change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4). trace fine-grained sand.

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CLAYEY SILT, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), soft to medium stiff, very low plasticity, little fine to medium-grained sand, slightly moist

SILTY CLAY, Very dark greenish grey (GLE1 10Y 3/1), medium stiff, low plasticity, dry, slight odor.

Change to moist, trace fine-grained sand increasing with depth, no odor. Roots present

Change to dry

CLAYEY SILT, Very dark grey (10YR 3/1), soft, very low plasticity, little fine-grained sand, wet.

SILTY CLAY, Very dark greyish brown (2.5Y 3/2), medium stiff to stiff, low plasticity, slightly moist

Color change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4)

LOG OF SOIL BORING SL-OAK BL-GPJ ETIC.GDT 10/10/06

CLIENT	SITE NUMBER	LOCATION
PSC - Sara Lee	Oakland	955 Kennedy Street Oakland, CA 94606

INCHES		BLOWS / 6" SAMPLER	O.V.A. READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG	LOG OF SOIL BORING: E01
DRIVEN	RECOVER								
48				21					Sample not recovered due to blow-out from pressure of drive, appearance is wet, sandy
				22					
	18	-	0 3	23					SILTY CLAY, Very dark greyish brown (2 5Y 3/2), stiff, low plasticity, dry to slightly moist.
		-		24					
				25					GRAVELLY SAND, Dark greyish brown (2 5Y 4/2), medium dense. little silt, fine to coarse-grained subangular sand, gravel to 1" diameter, wet. Boring terminated at 24 feet. Boring filled and sealed with a grout consisting of neat cement.
				26					
				27					
				28					
				29					
				30					
				31					
				32					
				33					
				34					
				35					
				36					
				37					
				38					
				39					
				40					
				41					
				42					
				43					
				44					
				45					



LOG OF SOIL BORING:

E02

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

11.10

TIME

1330

DATE

9/15/06

REFERENCE

GS

START

FINISH

TIME

TIME

1240

1320

DATE

DATE

9/15/06

9/15/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"

SAMPLER

OVA

READING

DEPTH

(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC

LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew Reviewed by: *[Signature]*

CONCRETE.

CONCRETE

SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose. angular gravel to 0.75" diameter, dry

GM

SILTY CLAY, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), stiff, low plasticity, dry

CL

Trace fine to medium-grained sand at 8.5 feet bgs, increasing with depth

CLAYEY SILT, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), soft to medium stiff. very low plasticity, little fine to medium-grained sand. moist

ML

SILTY CLAY, Very dark greyish brown (2.5Y 3/2), medium stiff, low plasticity, slightly moist, slight odor, roots present

Color change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4).

Change to stiff at 13.5 feet bgs.

CL

Change to dry at 15.75 feet bgs.

LOG OF SOIL BORING SL-OAK BL-GPJ ETIC.GDT 10/10/06

LOG OF SOIL BORING:

E02

INCHES		BLOWS / 6" SAMPLER	O.V.A. READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG
DRIVEN	RECOVER							
	30	.	0 0					
		.		21				
		.		22				CL
36	36	.		23				
		.		24				ML
		.	0 0	25				
				26				
				27				
				28				
				29				
				30				
				31				
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				
				40				
				41				
				42				
				43				
				44				
				45				

SILT, light olive brown (2.5Y 5/3), soft, some fine to medium-grained sand, very moist

Boring terminated at 25 feet Boring filled and sealed with a grout consisting of neat cement

LOG OF SOIL BORING:

E03

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

10.50

TIME

1405

DATE

9/22/06

REFERENCE

GS

START

FINISH

TIME

TIME

1315

1346

DATE

DATE

9/22/06

9/22/06

INCHES

DRIVEN
RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE
WATER SAMPLE
SOIL SAMPLE
RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: *JS Neely*

CONCRETE to 8" bgs.

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 1" diameter. dry.

SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, slightly moist.

Includes little fine to medium-grained sand from 3.25 to 6 feet bgs.

Change to mottled coloring, very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), no sand.

Change to stiff.

Includes trace medium-grained sand from 8.75 to 9.75 feet bgs.

SANDY SILT, Olive brown (2.5Y 4/3), soft, fine to medium-grained subrounded sand, little clay, very moist.

SANDY CLAY, Very dark greyish brown (2.5Y 3/2), medium stiff to stiff, low plasticity, fine to medium-grained sand, moist.

SILTY CLAY, Mottled very dark grey (10YR 3/1) and very dark yellowish brown (10YR 3/4), stiff, low plasticity, roots present, slightly moist.

Change to very dark greyish brown (2.5Y 3/2), soft, moist.

CLAY, Mottled very dark grey (10YR 3/1) and very dark yellowish brown (10YR 3/4), stiff, low plasticity, moist.

Roots present from 18 to 18.75 feet bgs.

CLIENT	SITE NUMBER	LOCATION
PSC - Sara Lee	Oakland	955 Kennedy Street Oakland, CA 94606

INCHES				DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG	LOG OF SOIL BORING: E03
DRIVEN	RECOVER	BLOWS / 6" SAMPLER	OVA READING						
			0.0						
36	36	-		21				CL	Includes some silt and trace fine-grained sand beginning at 21 feet bgs.
		-		22					
		-		23					SILT. Light olive brown (2.5Y 5/3) soft, some fine-grained sand, moist.
			0.0	24				ML	
36				25					
	12	-		26				SM	SILTY SAND, Light olive brown (2.5Y 5/3), loose to medium dense, fine-grained sand, trace angular gravel to 0.5" diameter, wet
			0.0	27					Boring terminated at 27 feet Boring filled and sealed with a grout consisting of neat cement
				28					
				29					
				30					
				31					
				32					
				33					
				34					
				35					
				36					
				37					
				38					
				39					
				40					
				41					
				42					
				43					
				44					
				45					

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 10/10/06



Engineering, Inc.

LOG OF SOIL BORING:

E04

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

∇ DRY

TIME

DATE

REFERENCE

START

FINISH

TIME

1310

TIME

1345

DATE

9/12/06

DATE

9/12/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"

SAMPLER

OVA

READING

DEPTH

(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC

LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

T. Iob / D. Pew

Reviewed by: *[Signature]*

CONCRETE

CONCRETE to 10" bgs.

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular
gravel to 0.75" diameter, dry

SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, slightly moist

Change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6),
trace medium-grained sand, dry.

Change to soft, little medium-grained sand, moist.

Change to medium stiff, trace medium-grained sand, dry.

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CLAYEY SILT, mottled dark grey (10YR 4/1) and black (5Y 2.5/1), soft, trace
fine-grained sand, moist

SILTY CLAY, mottled dark grey (10YR 4/1) and black (5Y 2.5/1), medium stiff, low
plasticity, dry

Boring terminated at 19 feet Boring filled and sealed with a grout consisting of
neat cement

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 11/1/06



Engineering, Inc.

LOG OF SOIL BORING:

E05

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

✓ DRY

TIME

DATE

REFERENCE

START

FINISH

TIME

TIME

1400

1630

DATE

DATE

9/12/06

9/12/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

T. Iob / D. Pew

Reviewed by: *JJ May*

CONCRETE

CONCRETE

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular
gravel to 0.75" diameter, dry

SILTY CLAY, black (5Y 2.5/1), medium stiff, low plasticity. trace medium-grained
sand, dry

Color change to mottled black (5Y 2.5/1) and dark yellowish brown (10YR 4/6).

Color change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR
4/6)

Change to slightly moist.

Color change to very dark greyish brown (10YR 3/2), soft, moist.

Color change back to mottled dark grey (10YR 4/1) and dark yellowish brown
(10YR 4/6), medium stiff, dry.

Traces of roots present from 13.5 to 14 feet bgs

Boring terminated at 20 feet. No water in hole after 2.5 hours. Boring filled and
sealed with a grout consisting of neat cement.

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 10/10/06



Engineering, Inc.

LOG OF SOIL BORING:

E06

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 4 feet bgs Direct push Geoprobe 5410 with Macro
Core Clear Acetate Liners

WATER LEVEL

DRY

TIME

DATE

REFERENCE

START

FINISH

TIME

0920

TIME

1600

DATE

9/12/06

DATE

9/12/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

O/A
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE
RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

T. Iob / D. Pew

Reviewed by: *JL May*

CONCRETE

CONCRETE to 10" bgs.

GM

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular
gravel to 0.75" diameter, dry.

SILTY CLAY. Black (5Y 2.5/1), medium stiff. low plasticity, trace medium-grained
sand, dry.

Color change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR
4/6).

Change to soft. little fine to medium-grained sand. slightly moist, slight odor.

Change to medium stiff, trace fine to medium-grained sand, dry.

CL

Change to slightly moist.

Boring terminated at 20 feet. No water in hole after 6 hours. Boring filled and
sealed with a grout consisting of neat cement.

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 10/10/06



Engineering, Inc.

LOG OF SOIL BORING:

E07

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

11.5

9.70

TIME

0926

1028

DATE

9/15/06

9/15/06

REFERENCE

GS

GS

START

FINISH

TIME

TIME

0910

0950

DATE

DATE

9/15/06

9/15/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"

SAMPLER

OVA

READING

DEPTH

(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC

LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: *JJ Red*

CONCRETE to 10" bgs

CONCRETE

SILTY GRAVEL (aggregate base fill). Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter. dry.

SILTY CLAY, Greenish black (5GY 2.5/1). medium stiff. low plasticity, dry, strong odor.

Change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4). very low plasticity. trace fine to medium-grained sand, slightly moist

SANDY SILT, mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft. some clay, fine to medium-grained sand, moist

Change to wet.

SANDY CLAY, mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), medium stiff, very low plasticity, little silt, fine to coarse-grained, subrounded to subangular sand, wet.

Change to moist.

Roots present from 14 to 14.5 feet bgs

SILT, mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft, little fine-grained sand, moist

SILTY CLAY, mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), medium stiff. very low plasticity, dry

CLAYEY SILT, Very dark greyish brown (10YR 3/2). soft, wet

LOG OF SOIL BORING SJ-OAK BLGPJ ETIC.GDT 11/1/06

LOG OF SOIL BORING:

E07

INCHES		BLOWS / 6" SAMPLER	O/A READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
DRIVEN	RECOVER									
	42	.		21					CL	SILTY CLAY, mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), medium stiff. low plasticity. moist.
		.		22						
48			0 0	23					ML	SANDY SILT, Light olive brown (2 5Y 5/4), soft, fine to medium-grained sand, wet.
	42	.		24						Color change to very dark greyish brown (10YR 3/2).
		.		25					SM	SILTY SAND, Very dark greyish brown (10YR 3/2), loose to medium dense. fine to coarse-grained sand, little clay, wet.
		.		26					ML	CLAYEY SILT, Very dark greyish brown (10YR 3/2). medium stiff, moist to wet.
		.	0 3	27					SW	GRAVELLY SAND. Dark greyish brown (10YR 4/2), loose to medium dense, fine to coarse-grained sand, subangular gravel to 1" diameter, little silt. wet.
				28						Boring terminated at 27 feet. Boring filled and sealed with a grout consisting of neat cement
				29						
				30						
				31						
				32						
				33						
				34						
				35						
				36						
				37						
				38						
				39						
				40						
				41						
				42						
				43						
				44						
				45						



LOG OF SOIL BORING:

E08

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 4 feet bgs. Direct push Geoprobe 5410 with Macro
Core Clear Acetate Liners

WATER LEVEL

18.71

TIME

1540

DATE

9/12/06

REFERENCE

GS

START

FINISH

TIME
1500

TIME
1600

DATE

DATE

9/12/06

9/12/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE
RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

T. Iob / D. Pew

Reviewed by: *J. May*

CONCRETE

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular
gravel to 0.75" diameter, dry

SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity. dry.

Soil sample collected at 4 to 4.5 feet bgs for physical properties.

Color change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR
3/4), trace medium-grained sand.

Soil sample collected at 7 to 7.5 feet bgs for physical properties.

Change to soft, moist, from 11 to 11.5 feet bgs

Change to slightly moist.

Change to medium stiff. dry.

SANDY CLAY, dark yellowish brown (10YR 4/6), soft, low plasticity. fine-grained
sand, moist.

SILTY CLAY, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4),
medium stiff, low plasticity. dry.

Boring terminated at 20 feet. Boring filled and sealed with a grout consisting of
neat cement.

LOG OF SOIL BORING SL-OAK BL-GPJ ETIC.GDT 10/10/06



Engineering, Inc.

LOG OF SOIL BORING:

E09

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Direct push Geoprobe 5410 with Dual Tube Clear Acetate Liners

WATER LEVEL

9.92

26.37

10.10

TIME

0755

0855

0915

DATE

9/21/06

9/21/06

9/21/06

REFERENCE

GS

GS

GS

START

FINISH

TIME

0735

TIME

0855

DATE

9/21/06

DATE

9/21/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

E. Appel / D. Pew

Reviewed by: *[Signature]*

CONCRETE

PEA GRAVEL, Former tank excavation backfill material. dense. subrounded to subangular gravel to 0.5" diameter, little coarse-grained sand

Loose from 10 to 14 feet bgs.

Dense from 14 to 18 feet bgs.

CLAY. Dark grey (10YR 4/1), stiff, medium plasticity. with little silt and trace medium-grained sand, moist.

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 11/1/06

LOG OF SOIL BORING:

E09

INCHES		BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG
DRIVEN	RECOVER							
48	48	-	0 0	21				CL
		-		22				
		-		23				
		-	0 0	24				SC
48	48	-		25				
		-		26				
		-		27				SP- GP
		-	0 0	28				
				29				
				30				
				31				
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				
				40				
				41				
				42				
				43				
				44				
				45				

CLAYEY SAND, Dark greyish brown (2 5Y 4/2), medium dense, fine-grained sand, trace subangular gravel to 0.5" diameter. moist

Change to wet to saturated

SAND AND GRAVEL, Dark greyish brown (2 5Y 4/2), dense, with clay. fine-grained sand. angular gravel to 0.5" diameter, saturated

Boring terminated at 28 feet Boring filled and sealed with a grout consisting of neat cement



Engineering, Inc.

LOG OF SOIL BORING:

E10

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Direct push Geoprobe 5410 with Dual Tube Clear Acetate Liners

WATER LEVEL ∇ 24.25 ∇ 9.47

TIME

1040

1108

DATE

9/21/06

9/21/06

REFERENCE

GS

GS

START

FINISH

TIME
1015

TIME
1100

DATE
9/21/06

DATE
9/21/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

E. Appel / D. Pew

Revised by: J. Key

CONCRETE.

PEA GRAVEL, Former tank excavation backfill material, subrounded to subangular gravel to 0.5" diameter. trace coarse-grained subangular sand.

CLAY. Dark grey (10YR 4/1). stiff to very stiff. medium plasticity, little silt and trace medium-grained sand, moist

LOG OF SOIL BORING SI-OAK BLGPJ ETIC.GDT 11/1/06

LOG OF SOIL BORING:

E10

INCHES		BLOWS / 6" SAMPLER	O.V.A. READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
DRIVEN	RECOVER									
48	48	-		21					CL	SAND AND CLAY, Dark greyish brown (2 5Y 4/2), medium dense, fine-grained sand, trace subangular gravel to 0.5" diameter, moist.
		-		22					SC-CL	
		-		23					SP-GP	
			0.0	24					SC-CL	SAND AND CLAY, Dark greyish brown (2 5Y 4/2), medium dense, fine-grained sand, low plasticity clay, little subangular gravel to 0.5" diameter. moist (wet at 24.25' bgs).
48	48	-		25					SC-CL	
		-		26						
				27						GRAVEL AND SAND. Dark greyish brown (2 5Y 4/2), dense, fine to medium-grained sand, trace clay, saturated.
		-	0.0	28						
		-		29					SP-GP	
48				30						
36	36	-		31						
		-		32						
			0.2	33						Boring terminated at 32 feet. Boring filled and sealed with a grout consisting of neat cement.
				34						
				35						
				36						
				37						
				38						
				39						
				40						
				41						
				42						
				43						
				44						
				45						

CLIENT PSC - Sara Lee	SITE NUMBER Oakland	LOCATION 955 Kennedy Street Oakland, CA 94606
--------------------------	------------------------	---

LOG OF SOIL BORING:

E11

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

DRILLING AND SAMPLING METHODS: Hand-augered to 4 feet bgs Direct push Geoprobe 5410 with Macro Core Clear Acetate Liners

WATER LEVEL	12.5	18.70		
TIME	1204	1628		
DATE	9/12/06	9/12/06		
REFERENCE	GS	GS		
			START TIME 1135	FINISH TIME 1640
			DATE 9/12/06	DATE 9/12/06

INCHES		BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG	SURFACE CONDITIONS	
DRIVEN	RECOVER								Concrete	
									DESCRIPTION BY: T. Iob / D. Pew <i>Reviewed by: JH</i>	
				0					CONCRETE	
				1					SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry	
				2					SILTY CLAY. Black (5Y 2.5/1), medium stiff, low plasticity. dry.	
				3						
48		48		4					Color change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), very low plasticity, little fine-grained sand	
		-		5						
		-		6						
		-		7						
48				8					Increasing fine to medium-grained sand with depth.	
				9						
	24	-		10					Change to soft, moist	
		-		11					Change back to medium stiff. dry.	
48				12					Change to soft, wet, between 12.5 and 13 feet bgs.	
	42	-		13					Roots present between 13.5 and 15 feet bgs.	
		-		14						
		-		15						
48				16						
				17						
	30	-		18					Change to soft, moist, decreasing sand.	
		-		19						
		-		20					Boring terminated at 20 feet. Boring filled and sealed with a grout consisting of neat cement.	



Engineering, Inc.

LOG OF SOIL BORING:

E12

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 4 feet bgs Direct push Geoprobe 5410 with Macro
Core Clear Acetate Liners

WATER LEVEL

▽ 9.0

▽ 8.65

TIME

1022

1104

DATE

9/12/06

9/12/06

REFERENCE

GS

GS

START

FINISH

TIME
1000

TIME
1120

DATE
9/12/06

DATE
9/12/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: *[Signature]*

CONCRETE

CONCRETE

SILTY GRAVEL(aggregate base fill). Dark brown (7.5YR 3/3). loose, angular
gravel to 0.75" diameter, dry.

SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, trace medium-grained
sand. dry.

Change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6).

Change to soft, increasing sand content. moist

Change to very dark grey (10YR 3/1). wet

Change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6),
medium stiff, very low plasticity, little sand, moist.

Roots present.

Change to dry

Change to slightly moist

Boring terminated at 19 feet. Boring filled and sealed with a grout consisting of
neat cement

LOG OF SOIL BORING SL-OAK BL-GPJ ETIC.GDT 10/11/06



Engineering, Inc.

LOG OF SOIL BORING:

E13

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

15.5

9.70

TIME

0822

0842

DATE

9/15/06

9/15/06

REFERENCE

GS

GS

START

FINISH

TIME
0805

TIME
0825

DATE
9/15/06

DATE
9/15/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"

SAMPLER

OVA

READING

DEPTH

(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC

LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Revised by: J. Meeley

CONCRETE CONCRETE.

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry

SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

Color change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4).

Gradual change to CLAYEY SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4). soft to medium stiff, very low plasticity, some fine to medium-grained sand, slightly moist.

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

SILTY CLAY. Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), medium stiff, low plasticity, dry

Roots present

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

Change to some fine to medium-grained sand, wet.

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

SILT. Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft, little fine to medium-grained sand, moist.

SILTY CLAY, Dark greyish brown (10YR 4/2), stiff, low plasticity, moist

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

Boring terminated at 19 feet Boring filled and sealed with a grout consisting of neat cement.

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 10/11/06



Engineering, Inc.

LOG OF SOIL BORING:

E14

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

13.43

TIME

1556

DATE

9/15/06

REFERENCE

GS

START

FINISH

TIME

TIME

1525

1540

DATE

DATE

9/15/06

9/15/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE
RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: JS Neely

CONCRETE CONCRETE

GM

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry

SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, trace fine-grained sand, dry

Color change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4).

CL

SANDY SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft to medium stiff, very low plasticity, little clay, moist

ML

SILTY CLAY, Very dark greyish brown (2.5Y 3/2), medium stiff, very low plasticity, some fine to medium-grained sand, moist

CL

CLAYEY SAND, Very dark greyish brown (2.5Y 3/2), medium dense, fine to medium-grained sand, wet.

SC

SANDY CLAY, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), stiff, low plasticity, fine to medium-grained sand, moist

CL

CLAY, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), stiff, low plasticity, roots present, trace fine to medium-grained sand, moist

CL

Boring terminated at 15 feet Boring filled and sealed with a grout consisting of neat cement

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 10/11/06



Engineering, Inc.

LOG OF SOIL BORING:

E15

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

▽ 11.0

▽ 9.43

TIME

1245

1317

DATE

9/21/06

9/21/06

REFERENCE

GS

GS

START

FINISH

TIME
1230

TIME
1300

DATE
9/21/06

DATE
9/21/06

INCHES		BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG
DRIVEN	RECOVER								
				0					
				1					
				2					
48	42		0 0	3					
				4					
				5					
				6					
48				7					
	33		0 0	8					
				9					
				10					
				11					
48	48		0 0	12					
				13					
				14					
48	48			15					
				16					
				17					
				18					
			0 1	19					
				20					

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Revised by: JH Nef

CONCRETE

CONCRETE

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose. angular
gravel to 0.75" diameter. dry.

SILTY CLAY, Black (5Y 2 5/1), medium stiff. low plasticity, dry.

Change to mottled color. very dark grey (10YR 3/1) and dark yellowish brown
(10YR 3/4).

CL

Trace medium-grained sand present from 6.5 to 9 feet bgs.

SANDY CLAY, Dark olive brown (2.5Y 3/3), soft to medium stiff. very low plasticity.
fine to coarse-grained subrounded to subangular sand, little silt. trace angular
gravel to 0.5" diameter, moist
Change to very dark greyish brown (10YR 3/2)

CL

Change to wet.

CLAY, very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4). stiff, low
plasticity. trace silt, roots present from 12.5 to 14.5 feet bgs, moist.

Roots present at 17.5 feet bgs.

Boring terminated at 19 feet Boring filled and sealed with a grout consisting of
neat cement.

LOG OF SOIL BORING:

E16

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 4 feet bgs Direct push Geoprobe 5410 with Macro
Core Clear Acetate Liners

WATER LEVEL

▽ 12.0

▽ 8.55

TIME

0808

0835

DATE

9/12/06

9/12/06

REFERENCE

GS

GS

START

FINISH

TIME

TIME

0750

0820

DATE

DATE

9/12/06

9/12/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE
RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: *JH Hef*

CONCRETE

CONCRETE to 10" bgs

GM

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry

SILTY CLAY, Black (5Y 2.5/1), medium plasticity, low plasticity, dry

CL

Change to mottled very dark greyish brown (2.5Y 3/2) and dark yellowish brown (10YR 3/4), very low plasticity, some fine to medium-grained sand

SANDY SILT, dark greyish brown (2.5Y 4/2), soft, fine to medium-grained sand, moist

ML

Change to very dark greyish brown (2.5Y 3/2), with little clay

SILTY CLAY, Mottled very dark greyish brown (2.5Y 3/2) and dark yellowish brown (10YR 3/4), medium stiff, very low plasticity, dry

CL

Change to wet

Boring terminated at 16 feet. Boring filled and sealed with a grout consisting of neat cement



Engineering, Inc.

LOG OF SOIL BORING:

E17

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

15.5

12.88

TIME

1705

1722

DATE

9/21/06

9/21/06

REFERENCE

GS

GS

START

FINISH

TIME

TIME

1650

1712

DATE

DATE

9/21/06

9/21/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

O.V.A.
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE
RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Revised by: JH Neely

CONCRETE

CONCRETE to 9" bgs.

S.G.M.T.

SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular
gravel to 0.75" diameter, dry

S.G.M.T.

CONCRETE.

SILTY GRAVEL(aggregate base fill). Dark brown (7.5YR 3/3), loose, angular
gravel to 0.75" diameter, dry

SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry

Change to slightly moist.

Change to mottled coloring. very dark grey (10YR 3/1) and dark yellowish brown
(10YR 3/4), soft to medium stiff

Change to soft, very low plasticity. moist

CL

Roots present from 10.5 to 11 feet bgs.

Trace medium-grained sand present from 10.5 to 11.5 feet bgs

Change to medium stiff, no sand, slightly moist. Roots present from 13 to 14 feet
bgs.

Change to very dark greyish brown (10YR 3/2), stiff

Change to soft. some medium-grained sand, wet.

CLAY, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4),
stiff, low plasticity, slightly moist.

CL

Boring terminated at 19 feet. Boring filled and sealed with a grout consisting of
neat cement

LOG OF SOIL BORING SL-OAK BL-GPJ ETIC.GDT 10/11/06



Engineering, Inc.

LOG OF SOIL BORING:

E18

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

12.5

9.49

TIME

0935

0954

DATE

9/22/06

9/22/06

REFERENCE

GS

GS

START

FINISH

TIME
0925

TIME
0945

DATE
9/22/06

DATE
9/22/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE
RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: J. Neef

CONCRETE

CONCRETE.

GM

SILTY GRAVEL (aggregate base fill). Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry
SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, trace fine to medium-grained sand, dry to slightly moist

CL

Change to mottled coloring, very dark grey (10YR 3/1) and very dark yellowish brown (10YR 3/4), very low plasticity

ML

Change to soft to medium stiff, moist

ML

CLAYEY SILT, Mottled very dark grey (10YR 3/1) and very dark yellowish brown (10YR 3/4), soft to medium stiff, moist

CL

SANDY SILT. Dark olive brown (2.5Y 3/3), soft, fine to medium-grained sand, wet

SILTY CLAY, Dark olive brown (2.5Y 3/3), medium stiff, low plasticity, some fine to medium-grained sand, moist

Boring terminated at 15 feet Boring filled and sealed with a grout consisting of neat cement

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 10/11/06



Engineering, Inc.

LOG OF SOIL BORING:

E19

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

▽ 10 75

▽ 13 80

TIME

1418

1507

DATE

9/15/06

9/15/06

REFERENCE

GS

GS

START

FINISH

TIME

TIME

1405

1420

DATE

DATE

9/15/06

9/15/06

INCHES

DRIVEN
RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: J. M. Kelly

CONCRETE

CONCRETE to 8" bgs.

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular
gravel to 0.75" diameter. dry

SILTY CLAY, Black (5Y 2.5/1). medium stiff. low plasticity, dry.

Color change to mottled very dark grey (10YR 3/1) and dark yellowish brown
(10YR 3/4).

Color change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR
3/4), trace fine to medium-grained sand.

SANDY SILT, mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4),
soft, little clay. fine to medium-grained sand, moist

Color change to very dark greyish brown (2.5Y 3/2), fine to coarse-grained sand

SILTY CLAY. Very dark greyish brown (2.5Y 3/2), low plasticity. stiff. roots present,
moist

Change to very stiff.

Boring terminated at 15 feet. Boring filled and sealed with a grout consisting of
neat cement

LOG OF SOIL BORING SL-OAK BL-GPJ ETIC.GDT 10/11/06



Engineering, Inc.

LOG OF SOIL BORING:

E20

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

18.80

TIME

1108

DATE

9/22/06

REFERENCE

GS

START

FINISH

TIME
1015

TIME
1055

DATE
9/22/06

DATE
9/22/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: JS Hegel

CONCRETE to 10" bgs.

CONCRETE

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular
gravel to 0.75" diameter, dry.
SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry to slightly moist

Change to slightly moist, trace medium-grained sand.

Change to mottled coloring, very dark grey (10YR 3/1) and dark yellowish brown
(10YR 3/4), very low plasticity.

CLAYEY SILT, Dark olive brown (2.5Y 3/3), soft, trace fine to medium-grained
sand, moist

SANDY SILT, Dark olive brown (2.5Y 3/3), soft, fine to medium-grained sand,
moist.

SANDY CLAY, Very dark grey (2.5Y 3/1), soft to medium stiff, low plasticity, fine to
coarse-grained subrounded to subangular sand, little silt, moist.

SANDY SILT, Dark olive brown (2.5Y 3/3), soft, fine to medium-grained sand,
moist.

CLAY, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), medium
stiff, little silt, roots present from 12.5 to 15 feet bgs, moist

Change to dark olive brown (2.5Y 3/3).

Change back to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR
3/4)

SANDY CLAY, Mottled dark grey (10YR 4/1) and very dark yellowish brown (10YR

LOG OF SOIL BORING SL-OAK BL-GPJ ETIC.GDT 10/11/06

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

LOG OF SOIL BORING:

E20

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC
LOG

ML

3/4), medium stiff, low plasticity, fine to medium-grained sand, very moist.
SANDY SILT, Light olive brown (2 5Y 5/4), soft, fine to coarse-grained subrounded
to subangular sand, little subangular to angular gravel to 0.3" diameter, very moist
to wet.
Boring terminated at 21 feet. Boring filled and sealed with a grout consisting of
neat cement



Engineering, Inc.

LOG OF SOIL BORING:

E21

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

▽ 11.75

▽ 10.05

▽ 9.65

TIME

0744

0748

0802

DATE

9/22/06

9/22/06

9/22/06

REFERENCE

GS

GS

GS

START

FINISH

TIME
0730

TIME
0756

DATE

DATE

9/22/06

9/22/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE
RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Revised by: JH Neely

CONCRETE

GM

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular
gravel to 0.75" diameter, dry

SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, trace medium-grained
sand, slightly moist

CL

Change to mottled coloring, very dark grey (10YR 3/1) and dark yellowish brown
(10YR 3/4)

ML

CLAYEY SILT, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR
3/4), soft, moist.

ML

SANDY SILT, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR
3/4), soft, fine-grained sand, little clay, very moist.

Change to very dark greyish brown (10YR 3/2), wet

Change back to mottled very dark grey (10YR 3/1) and dark yellowish brown
(10YR 3/4), trace clay.

Roots present from 13.5 to 14.5 feet bgs.

Boring terminated at 15 feet Boring filled and sealed with a grout consisting of
neat cement

LOG OF SOIL BORING SL-OAK BL-GPJ ETIC.GDT 10/11/06



Engineering, Inc.

LOG OF SOIL BORING:

E22

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL 10.75 9.30

TIME 1602 1624

DATE 9/21/06 9/21/06

REFERENCE GS GS

START FINISH

TIME 1550 1610

DATE 9/21/06 9/21/06

INCHES		BLOWS / 6" SAMPLER	O.V.A. READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG	SURFACE CONDITIONS	
DRIVEN	RECOVER								Concrete	
									DESCRIPTION BY: D. Pew <i>Revised by: JS Neel</i>	
				0				CONCRETE	CONCRETE.	
				1				GM	SILTY GRAVEL (aggregate base fill). Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.	
				2					SILTY CLAY. Black (5Y 2.5/1), medium stiff, low plasticity. trace medium-grained sand, dry.	
48				3						
	42		1.4	4						
				5					Change to mottled coloring, very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4)	
				6				CL		
48				7						
	33		0.8	8					Change to soft to medium stiff, very low plasticity, slightly moist.	
				9						
				10				ML	CLAYEY SILT, dark greyish brown (10YR 4/2), soft to medium stiff, very low plasticity, with trace fine to medium-grained sand increasing with depth. moist.	
48	48			11				SM	SILTY SAND, dark greyish brown (10YR 4/2), medium dense. fine to coarse-grained subrounded sand, little clay, wet.	
			0.3	12					CLAY WITH SOME SILT, Mottled dark greyish brown (10YR 4/2) and dark yellowish brown (10YR 3/4), stiff. low plasticity, slightly moist to moist.	
				13				CL		
			0.6	14						
				15					Boring terminated at 15 feet Boring filled and sealed with a grout consisting of neat cement.	
				16						
				17						
				18						
				19						
				20						

LOG OF SOIL BORING SL-OAK BL-GPJ ETIC.GDT 10/11/06



Engineering, Inc.

LOG OF SOIL BORING:

E23

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 5 feet bgs Direct push Geoprobe 5410 with Macro
Core Clear Acetate Liners

WATER LEVEL

20.5

14.62

10.35

TIME

1204

1210

1225

DATE

9/22/06

9/22/06

9/22/06

REFERENCE

GS

GS

GS

START

FINISH

TIME

TIME

1145

1215

DATE

DATE

9/22/06

9/22/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Revised by: JS Hef

CONCRETE

CONCRETE.

GM

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3). loose, angular
gravel to 0.75" diameter, dry.

CL

SILTY CLAY, Black (5Y 2 5/1), medium stiff, low plasticity, dry

Change to slightly moist.

CL

Change to mottled, dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4),
moist, roots present

CL

CLAY, Mottled, dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4),
medium stiff, low plasticity, moist.

ML

SANDY SILT, Very dark greyish brown (2 5Y 3/2), soft, fine to coarse-grained
subangular sand, very moist

CL

SANDY CLAY, Very dark greyish brown (2 5Y 3/2), medium stiff, low plasticity, fine
to coarse-grained subangular sand, moist.

ML

SANDY SILT, Very dark greyish brown (2 5Y 3/2), medium stiff, fine to
coarse-grained subangular sand, moist.

ML

CLAY, Mottled dark grey (10YR 4/1) and very dark yellowish brown, medium stiff.
low plasticity, little silt, moist

CL

Trace medium to coarse-grained subrounded sand from 19 to 20 5 feet bgs.

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 10/11/06

CLIENT	SITE NUMBER	LOCATION
PSC - Sara Lee	Oakland	955 Kennedy Street Oakland, CA 94606

INCHES		BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	LOG OF SOIL BORING: E23
DRIVEN	RECOVER									
36	36	-	0 0	21					CL	SANDY SILT, Dark olive brown (2 5Y 3/3), soft. fine to medium-grained sand, wet.
		-		22					ML	
		-		23					CL	SILTY CLAY, Dark olive brown (2 5Y 3/3), stiff. low plasticity, little fine to medium-grained sand, moist.
		-		24					CL	
		-		25					SW	GRAVELLY SAND, Olive brown (2 5Y 4/3), medium dense, fine to coarse-grained subangular sand, subangular gravel to 0.5" diameter, little silt, very moist.
		-		26					SW	
		-	0 0	27						Boring terminated at 23 feet Boring filled and sealed with a grout consisting of neat cement
		-		28						
				29						
				30						
				31						
				32						
				33						
				34						
				35						
				36						
				37						
				38						
				39						
				40						
				41						
				42						
				43						
				44						
				45						



Engineering, Inc.

LOG OF SOIL BORING:

E24

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL 12.0 9.55

TIME

0836

0842

DATE

9/22/06

9/22/06

REFERENCE

GS

GS

START

FINISH

TIME
0820

TIME
0840

DATE
9/22/06

DATE
9/22/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: *[Signature]*

CONCRETE.

CONCRETE

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular
gravel to 0.75" diameter, dry.

SILTY CLAY, Black (5Y 2 5/1), medium stiff, low plasticity, dry.

Change to slightly moist.

Change to mottled coloring, very dark grey (10Y 3/1) and dark yellowish brown
(10YR 3/4), moist

CLAYEY SILT, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR
3/4), soft to medium stiff, little fine-grained sand, very moist.

Change to soft.

SANDY SILT, Dark olive brown (2 5Y 3/3), soft, medium-grained sand, wet.

SILTY SAND, Dark olive brown (2 5Y 3/3), medium dense, fine to coarse-grained
subrounded sand, wet.
Boring terminated at 15 feet. Boring filled and sealed with a grout consisting of
neat cement.

LOG OF SOIL BORING SL-OAK BL GPJ ETIC.GDT 10/11/06



Engineering, Inc.

LOG OF SOIL BORING:

E25

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

▽ 11.0

▽ 9.81

TIME

0814

0912

DATE

9/13/06

9/13/06

REFERENCE

GS

GS

START

FINISH

TIME
0800

TIME
0820

DATE
9/13/06

DATE
9/13/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: J. Hef

CONCRETE

SILTY GRAVEL (aggregate base fill). Dark brown (7.5YR 3/3). loose, angular gravel to 0.75" diameter, dry.

SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry.

Includes little fine sand from 3.5 to 8.5 feet bgs

CL

Color change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4).

CLAYEY SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft to medium stiff, very low plasticity, moist

ML

Color change to dark grey (10YR 4/1).

SILT WITH SOME SAND, dark grey (10YR 4/1), very soft, fine-grained sand, wet.

ML

SM

SILTY SAND, dark grey (10YR 4/1), medium dense, fine to medium-grained, sand, wet.
Boring terminated at 15 feet. Boring filled and sealed with a grout consisting of neat cement.

LOG OF SOIL BORING SL-OAK BL-GPJ ETIC.GDT 10/11/06



LOG OF SOIL BORING:

E26

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 4 feet bgs. Direct push Geoprobe 5410 with Macro
Core Clear Acetate Liners

WATER LEVEL

16.0

9.77

TIME

1404

1415

DATE

9/21/06

9/21/06

REFERENCE

GS

GS

START

FINISH

TIME

TIME

1345

1425

DATE

DATE

9/21/06

9/21/06

INCHES

DRIVEN
RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE
WATER SAMPLE
SOIL SAMPLE
RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: *[Signature]*

CONCRETE

CONCRETE

GM

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3). loose. angular
gravel to 0.75" diameter, dry.

SILTY CLAY, Black (5Y 2.5/1) medium stiff, low plasticity, dry.

Change to moist.

CL

Change to mottled coloring, very dark grey (10YR 3/1) and dark yellowish brown
(10YR 3/4), slightly moist.

SANDY SILT, Very dark grey (10YR 3/1), soft, fine-grained sand, little clay. very
moist. moderate odor

ML

CLAYEY SILT, very dark grey (10YR 3/1), soft, very low plasticity. little
fine-grained sand, very moist.

ML

GW

SANDY GRAVEL, Very dark grey (10YR 3/1), medium dense, subrounded gravel
to 0.75" diameter, little silt, very moist.
SILTY SAND, Very dark greyish brown (10YR 3/2). loose to medium dense, fine to
coarse-grained subrounded sand, very moist to wet.

SM

SANDY SILT, Olive brown (2.5Y 4/3), soft, fine-grained sand. wet.

ML

GW

SANDY GRAVEL, Very dark greyish brown (10YR 3/2), medium dense.
subrounded gravel to 0.75" diameter, little silt, wet

Boring terminated at 19 feet. Boring filled and sealed with a grout consisting of
neat cement.

LOG OF SOIL BORING SL-OAK BL-GPJ ETIC.GDT 10/11/06



Engineering, Inc.

LOG OF SOIL BORING:

E27

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

▽ 10.5

▽ 9.65

TIME

0854

1004

DATE

9/13/06

9/13/06

REFERENCE

GS

GS

START

FINISH

TIME
0830

TIME
0900

DATE

DATE

9/13/06

9/13/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: JS Neef

CONCRETE

CONCRETE to 10" bgs

GM

SILTY GRAVEL (aggregate base fill). Dark brown (7.5YR 3/3). loose, angular gravel to 0.75" diameter, dry.

CL

SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry.

CL

Color change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4).

CL

Change to moist, with little fine to medium-grained sand

CL

CLAYEY SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft, very low plasticity, moist.

ML

Change to very soft, wet.

ML

SILT, Dark grey (10YR 4/1), very soft, some fine-grained sand and trace subrounded to subangular gravel to 1" diameter, wet.

ML

SILTY SAND, Dark grey (10YR 4/1), medium dense, fine to coarse-grained subangular sand, wet.

SM

SILTY CLAY, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), medium stiff, low plasticity, moist.

CL

Boring terminated at 15 feet. Boring filled and sealed with a grout consisting of neat cement.

LOG OF SOIL BORING SL-OAK BL-GPJ ETIC.GDT 10/11/06



LOG OF SOIL BORING:

E28

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

13.5

9.65

TIME

1220

1245

DATE

9/11/06

9/11/06

REFERENCE

GS

GS

START

FINISH

TIME
1200

TIME
1240

DATE
9/11/06

DATE
9/11/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

O/A
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: JS Neely

0

CONCRETE

CONCRETE to 10" bgs

1

GM

SILTY GRAVEL (aggregate base fill). Dark brown (7.5YR 3/3). loose. angular gravel to 0.75" diameter. dry
SANDY SILT. Very dark greyish brown (2.5Y 3/2). soft, fine to coarse-grained angular sand, dry.

2

3

48

4

36

5

0.0

6

ML

7

0.0

48

8

9

24

10

0.0

Change to dark grey (2.5Y 4/1), slightly moist, decreasing amount of coarse-grained sand.

11

0.0

SILTY CLAY, Black (10YR 2/1). soft. low plasticity. slightly moist.

48

12

CL

13

30

ML

14

GW

SANDY SILT, Dark grey (2.5Y 4/1), soft, fine to medium-grained sand, slightly moist.
SANDY GRAVEL, Dark greyish brown (2.5Y 4/2), loose to medium dense, fine to coarse-grained, rounded to subrounded sand, subrounded to subangular gravel to 1" diameter, moist.

15

0.0

SP

SAND. Very dark grey (2.5Y 3/1), loose, fine-grained sand, wet. moderate odor.
SILTY CLAY, Very dark greyish brown (2.5Y 4/2), soft to medium stiff. low plasticity, moist.

16

Boring terminated at 15 feet Boring filled and sealed with a grout consisting of neat cement.

17

18

19

20

LOG OF SOIL BORING SL-OAK BL-GPJ ETIC.GDT 10/11/06



Engineering, Inc.

LOG OF SOIL BORING:

E29

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 4 feet bgs. Direct push Geoprobe 5410 with Macro
Core Clear Acetate Liners

WATER LEVEL

▽ 10.0

▽ 9.50

TIME

1500

1530

DATE

9/21/06

9/21/06

REFERENCE

GS

GS

START

FINISH

TIME
1445

TIME
1515

DATE
9/21/06

DATE
9/21/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE
RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Revised by: JS Hef

CONCRETE to 8" bgs.

SAND, Dark yellowish brown (10YR 3/4), loose, fine-grained. poorly graded. strong odor, moist

SP

SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry, strong odor.

Change to mottled, very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), medium stiff, moist

CL

Change to very dark grey (10YR 3/1). very low plasticity, very moist.

SILTY SAND, Very dark grey (10YR 3/1), medium dense. fine to medium-grained sand, little gravel to 0.3", wet.

Roots present from 11.5 to 12 feet bgs.

SM

Change to fine to coarse-grained sand, loose to medium dense.

CLAYEY SILT, Dark greyish brown (10YR 4/2). soft. very low plasticity. little fine-grained sand, wet, faint odor

ML

SILTY CLAY, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), medium stiff, low plasticity, moist.
Boring terminated at 16 feet Boring filled and sealed with a grout consisting of neat cement

CL

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 11/1/06



Engineering, Inc.

LOG OF SOIL BORING:

E30

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

12

11.2

TIME

1018

1030

DATE

9/11/06

9/11/06

REFERENCE

GS

GS

START

FINISH

TIME
0900

TIME
1030

DATE

DATE

9/11/06

9/11/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: JJ Theif

CONCRETE to 14" bgs.

CONCRETE

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular
gravel to 0.75" diameter, dry
SILTY CLAY, Black (5Y 2.5/1), medium stiff to stiff, very low plasticity, dry.

Change to very dark greyish brown (2.5Y 3/2), soft to medium stiff.

Change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4).

SANDY SILT, Dark olive brown (2.5Y 3/3), soft, medium-grained, angular sand,
little clay, moist.

CLAY, Olive brown (2.5Y 4/3), soft, low plasticity, trace medium-grained, angular
sand, moist.

Change to medium stiff, slightly moist.

Boring terminated at 15 feet Boring filled and sealed with a grout consisting of
neat cement.

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 10/11/06



Engineering, Inc.

LOG OF SOIL BORING:

E31

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 5 feet bgs Direct push Geoprobe 5410 with Macro
Core Clear Acetate Liners

WATER LEVEL

12.25

9.63

TIME

1532

1615

DATE

9/11/06

9/11/06

REFERENCE

GS

GS

START

FINISH

TIME
1510

TIME
1600

DATE
9/11/06

DATE
9/11/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE
WATER SAMPLE

SOIL SAMPLE
RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: *[Signature]*

CONCRETE.

CONCRETE

GRAVEL (fill), Subrounded pea-gravel to 0.4" diameter, very loose, dry.

CONCRETE

SILTY CLAY, Black (5Y 2.5/1), medium stiff to stiff, very low plasticity, dry.

SANDY SILT, Olive grey (5Y 4/2), soft to medium stiff, fine to coarse-grained, subangular to angular sand, dry.

Change to moist

SILTY CLAY, Very dark grey (10YR 3/1), medium stiff, very low plasticity, dry.

Change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), slight odor.

SAND, Very dark grey (5Y 3/1), fine to medium-grained sand, loose, wet, strong odor.

SILTY CLAY, Very dark greyish brown (2.5Y 3/2), medium stiff, low plasticity, moist, slight odor.

Boring terminated at 19 feet. Boring filled and sealed with a grout consisting of neat cement.

LOG OF SOIL BORING SI-OAK BL.GPJ ETIC.GDT 10/11/06



LOG OF SOIL BORING:

E32

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL ∇ 10.75 ∇ 9.43

TIME 0936 1006

DATE 9/13/06 9/13/06

REFERENCE GS GS

START FINISH

TIME 0920 TIME 0940

DATE 9/13/06 DATE 9/13/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: *[Signature]*

CONCRETE

CONCRETE to 10" bgs.

GM

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular
gravel to 0.75" diameter, dry

SILTY CLAY, Black (5Y 2.5/1), stiff, low plasticity, dry.

CL

Change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4),
medium stiff, slightly moist, slight odor.

ML

SILT WITH SOME SAND, Mottled dark grey (10YR 4/1) and dark yellowish brown
(10YR 3/4), soft, fine-grained sand, very moist.

Change to wet.

SM

SILTY SAND, Dark greyish brown (2.5Y 4/2), loose, fine-grained sand, wet.

SM

Change to increasing grain size to coarse-grained sand
SILTY SAND, Dark greyish brown (2.5Y 4/2), loose, fine to coarse-grained sand,
little subangular gravel to 1" diameter, wet
Boring terminated at 15 feet Boring filled and sealed with a grout consisting of
neat cement

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 10/11/06



Engineering, Inc.

LOG OF SOIL BORING:

E33

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

▽ 11

▽ 10.02

TIME

1638

1702

DATE

9/11/06

9/11/06

REFERENCE

GS

GS

START

FINISH

TIME

TIME

1615

1645

DATE

DATE

9/11/06

9/11/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE
RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: *[Signature]*

CONCRETE

CONCRETE to 10" bgs.

SP

SAND, mottled light olive brown (2.5Y 5/4) and dark bluish grey (GLEY2 10B 4/1), loose, fine-grained sand, slightly moist

SILTY CLAY, Black (5Y 2.5/1), soft to medium stiff, very low plasticity, slightly moist

CL

Change to very dark grey (5Y 3/1).

SILT

SILT, Very dark grey (5Y 3/1), very soft, wet, little fine-grained sand.

ML

SILTY SAND, Dark yellowish brown (10YR 3/4), loose, fine-grained sand, wet.

SM

SANDY SILT, Dark yellowish brown (10YR 3/4), soft, fine-grained sand, trace clay, moist

ML

SILTY CLAY, mottled grey (10YR 5/1) and dark yellowish brown (10YR 4/6), medium stiff, low plasticity, dry.

Boring terminated at 16 feet. Boring filled and sealed with a grout consisting of neat cement.

LOG OF SOIL BORING SL-OAK BL-GPJ ETIC.GDT 10/11/06



LOG OF SOIL BORING:

E34

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

CLIENT	SITE NUMBER		LOCATION	
PSC - Sara Lee	Oakland		955 Kennedy Street Oakland, CA 94606	
DRILLING AND SAMPLING METHODS		Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.		
WATER LEVEL	22.75			
TIME	1550			START FINISH
DATE	9/13/06			TIME TIME
REFERENCE	GS			1300 1600
				DATE DATE
				9/13/06 9/13/06

INCHES		BLOWS / 6" SAMPLER	O.V.A. READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG	SURFACE CONDITIONS	
DRIVEN	RECOVER								Concrete	
									DESCRIPTION BY: T. Iob / D. Pew	
				0					CONCRETE to 10" bgs.	
				1					SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry.	
				2						
48	45		0.0	3						
				4				CL	Change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6). trace medium-grained sand, trace subangular gravel to 0.2" diameter.	
				5						
				6						
48			0.0	7						
	39			8				SM	SILTY SAND, dark yellowish brown (10YR 4/6), loose, fine to coarse-grained sand, some subangular gravel to 0.5" diameter, dry.	
				9				ML	CLAYEY SILT. Brown (10YR 4/3). soft, very low plasticity, slightly moist to moist	
				10					SILTY CLAY, Very dark grey (10YR 3/1), medium stiff, low plasticity, trace medium-grained sand, dry.	
				11						
48	42		0.0	12					Change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6), slight odor at 11.75 feet bgs.	
				13				CL		
				14						
48				15						
				16						
	21			17				ML	CLAYEY SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6). medium stiff, very low plasticity, slightly moist.	
			0.0	18					SILTY CLAY, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6). medium stiff, low plasticity, dry.	
				19				CL		
36	36			20						

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 10/11/06

LOG OF SOIL BORING:

E34

INCHES		BLOWS / 6" SAMPLER	O/A READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG
DRIVEN	RECOVER							
				21				
				22				
36	36			23				
				24				
			0 01	25				
				26				
				27				
				28				
				29				
				30				
				31				
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				
				40				
				41				
				42				
				43				
				44				
				45				

CL

Change to very dark grey (2.5Y 3/1).

SANDY SILT, Light olive brown (2.5Y 5/3), soft, fine-grained sand, trace clay.
moist to wet.

ML

Boring terminated at 25 feet. Boring filled and sealed with a grout consisting of
neat cement.

LOG OF SOIL BORING:

E35

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 5 feet bgs. Direct push Geoprobe 5410 with Macro
Core Clear Acetate Liners

WATER LEVEL

20.5

16.48

TIME

1358

1515

DATE

9/11/06

9/11/06

REFERENCE

GS

GS

START

FINISH

TIME

TIME

1310

1505

DATE

DATE

9/11/06

9/11/06

INCHES

DRIVEN
RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE
WATER SAMPLE
SOIL SAMPLE
RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: J. Hef

CONCRETE

CONCRETE

SAND, Dark bluish grey (GLE2 10B 4/1), loose, fine-grained poorly graded sand, slightly moist

SP

SANDY SILT. Very dark greyish brown (10YR 3/2), soft, fine-grained sand, moist

ML

SILTY CLAY, Very dark greyish brown (10YR 3/2), soft to medium stiff, very low plasticity, slightly moist.

CL

Trace to some fine to coarse-grained sand. Increasing with depth from 7.75 to 8.75 feet bgs

SANDY SILT. Very dark grey (5Y 3/1), very soft, slightly moist, moderate odor.

ML

CLAY. Very dark grey (5Y 3/1), soft, low plasticity, slightly moist.

CL

Beginning at 11.5 feet bgs. Includes little fine to medium-grained sand, slight odor

SILTY CLAY, Very dark greyish brown (2.5Y 3/2), medium stiff, low plasticity, dry to slightly moist.

CL

Change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4)

CL

Trace roots present at 18 feet bgs.

CL

INCHES		BLOWS / 6" SAMPLER	O/A READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	LOG OF SOIL BORING: E35
DRIVEN	RECOVER									
			0 0	21						Change to soft, trace fine to medium-grained sand. moist SANDY SILT, Olive brown (2 5Y 4/3), very soft, fine to medium-grained sand, little clay, wet Boring terminated at 21 feet Boring filled and sealed with a grout consisting of neat cement.
				22						
				23						
				24						
				25						
				26						
				27						
				28						
				29						
				30						
				31						
				32						
				33						
				34						
				35						
				36						
				37						
				38						
				39						
				40						
				41						
				42						
				43						
				44						
				45						



Engineering, Inc.

LOG OF SOIL BORING:

E36

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

▽ 12.25

▽ 9.19

TIME

1455

1512

DATE

9/11/06

9/11/06

REFERENCE

GS

GS

START

FINISH

TIME

1425

TIME

1500

DATE

9/11/06

DATE

9/11/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

T. Iob / D. Pew

Reviewed by: JS Neely

CONCRETE to 7.5" bgs.

GM

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular
gravel to 0.75" diameter, dry

SILTY CLAY, Black (5Y 2.5/1), soft, very low plasticity, slightly moist

Change to mottled coloring grey (10YR 5/1) and dark yellowish brown (10YR 4/6),
medium stiff, low plasticity, trace fine-grained sand, dry

CL

Soil sample taken at 6.5 to 7 feet bgs for physical properties

SW

GRAVELLY SAND, Dark yellowish brown (10YR 4/4), loose, fine to
medium-grained sand, subangular gravel to 0.25" diameter, dry

Soil sample taken at 9.5 to 10 feet bgs for physical properties.

Change to very dark greenish grey (GLEYS 10Y 3/1), slight odor.

SILT, Very dark greenish grey (GLEYS 10Y 3/1), soft, very moist, slight odor.

ML

ML

ML

CLAYEY SILT, Dark yellowish brown (10YR 4/4), medium stiff, low plasticity, dry

SILT, Dark greenish grey (GLEYS 10Y 4/1), very soft, wet, slight odor.

CL

SILTY CLAY, Mottled grey (10YR 5/1) and dark yellowish (10YR 4/6), medium
stiff, low plasticity, dry, slight odor.

Boring terminated at 15 feet Boring filled and sealed with a grout consisting of
neat cement.

LOG OF SOIL BORING SL-OAK BL-GPJ ETIC.GDT 10/11/06



LOG OF SOIL BORING:

E37

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

9.5

9.15

TIME

1012

1035

DATE

9/13/06

9/13/06

REFERENCE

GS

GS

START

FINISH

TIME

TIME

1000

1025

DATE

DATE

9/13/06

9/13/06

INCHES

DRIVEN
RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE
RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: J. D. Mee

CONCRETE CONCRETE.

GM

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular
gravel to 1" diameter, dry.

SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry.

CL

48

0.4

36

-

-

-

48

0.0

18

-

-

-

48

12.6

36

-

-

-

-

0.3

ML

ML

SM

ML

SW

CLAYEY SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4),
medium stiff. very low plasticity, dry to slightly moist.

SANDY SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4),
soft, fine-grained sand. moist to wet.

Beginning at 10.75 feet bgs, trace gravel to 1" diameter increasing with depth.

SILTY SAND, very dark grey (10YR 3/1), loose, fine to medium-grained sand, wet,
strong odor.

SILT WITH SOME SAND, Dark greyish brown (2.5Y 4/2), soft, fine-grained sand,
wet.

GRAVELLY SAND, Dark greyish brown (2.5Y 4/2), loose, fine to medium-grained
sand, subrounded to subangular gravel to 1" diameter, wet.
Boring terminated at 15 feet. Boring filled and sealed with a grout consisting of
neat cement.

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 10/11/06

LOG OF SOIL BORING:

E38

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

▽ 23 25

▽ 9.73

TIME

1514

1545

DATE

9/13/06

9/13/06

REFERENCE

GS

GS

START

FINISH

TIME

TIME

1200

1540

DATE

DATE

9/13/06

9/13/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE
RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

T. Iob / D. Pew

Reviewed by: *JS Hedy*

CONCRETE

CONCRETE to 8" bgs.

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 1" diameter, dry.
SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry.

Change to mottled coloring, dark grey (10YR 4/1) and very dark yellowish brown (10YR 4/6), trace fine-grained sand.

Beginning at 6.5 feet bgs. trace subrounded gravel to 0.3" diameter.

CLAYEY SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6), soft, very low plasticity, trace fine to medium-grained sand, slightly moist
GRAVELLY CLAY, Olive brown (2.5Y 4/3), soft, very low plasticity, subangular gravel to 1" diameter, trace fine to medium-grained sand, moist.
GRAVELLY SILT, Olive brown (2.5Y 4/3), soft, very low plasticity, subangular gravel to 1" diameter, little fine to medium-grained sand, trace clay, moist
CLAYEY SILT, dark greyish brown (2.5Y 4/2), soft, low plasticity, slightly moist, iron staining.
Change to very dark grey (10YR 3/1), slight odor from 10.5 to 12.25 feet bgs.

SILTY CLAY, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6), medium stiff, low plasticity, dry, trace medium-grained sand.

Root traces present.

Slight odor present at 15.5 to 16 feet bgs. increase in medium to coarse-grained sand, soft to medium stiff.
Change to medium stiff, trace medium-grained sand, dry.

LOG OF SOIL BORING:

E38

INCHES		BLOWS / 6" SAMPLER	O.V.A. READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG	
DRIVEN	RECOVER								
		-		21					Change to very dark grey (2.5Y 3/1), soft, moist.
		-		22				CL	Change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6), medium stiff, dry.
36	30	-	0.0	23					
		-		24					SANDY SILT. Light olive brown (2.5Y 5/3), soft, fine-grained sand, moist to wet.
		-		25				ML	Trace subangular gravel to 0.75" diameter from 24.5 to 26 feet bgs.
24		-		26				ML	GRAVELLY SILT. Light olive brown (2.5Y 5/3), soft, gravel to 0.75" diameter, trace clay, wet.
	12	-	0.0	27					Boring terminated at 27 feet. Boring filled and sealed with a grout consisting of neat cement.
				28					
				29					
				30					
				31					
				32					
				33					
				34					
				35					
				36					
				37					
				38					
				39					
				40					
				41					
				42					
				43					
				44					
				45					



LOG OF SOIL BORING:

E39

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

22.5

9.83

TIME

1440

1535

DATE

9/13/06

9/13/06

REFERENCE

GS

GS

START

FINISH

TIME
1340

TIME
1440

DATE
9/13/06

DATE
9/13/06

INCHES

DRIVEN

RECOVER

BLOWS / 6"
SAMPLER

OVA
READING

DEPTH
(feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE
RECOVERED

GRAPHIC
LOG

SURFACE CONDITIONS

Asphalt

DESCRIPTION BY:

D. Pew

Reviewed by: *[Signature]*

ASPHALT

ASPHALT

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 1" diameter, dry.

SILTY CLAY. Black (5Y 2.5/1), medium stiff, low plasticity, dry

Change to mottled coloring, very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4).

Beginning at 6 feet bgs. includes trace fine to coarse-grained subrounded to subangular sand.

Change to soft to medium stiff, very low plasticity, slightly moist, includes little fine to coarse-grained sand. faint odor

CL

Change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4). medium stiff, dry. moderate odor

Change to very dark greyish brown (10YR 3/2), medium stiff, low plasticity. dry, with little fine to medium-grained sand.

Change to soft to medium stiff, slightly moist.

LOG OF SOIL BORING SL-OAK BL-GPJ ETIC.GDT 10/11/06

LOG OF SOIL BORING:

E39

INCHES		BLOWS / 6" SAMPLER	O.V.A. READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG
DRIVEN	RECOVER								
48				21					CL
	30	-		22					ML
		-		23					SW
			0.0	24					
				25					
				26					
				27					
				28					
				29					
				30					
				31					
				32					
				33					
				34					
				35					
				36					
				37					
				38					
				39					
				40					
				41					
				42					
				43					
				44					
				45					

CLAYEY SILT, Light olive brown (2.5Y 5/3), soft to medium stiff, very low plasticity, little fine to medium-grained sand, moist.

GRAVELLY SAND, Dark greyish brown (2.5Y 4/2), loose, subrounded to subangular gravel to 1" diameter, little silt, wet.

Boring terminated at 24 feet Boring filled and sealed with a grout consisting of neat cement

LOG OF SOIL BORING:

E40

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

CLIENT

PSC - Sara Lee

SITE NUMBER

Oakland

LOCATION

955 Kennedy Street
Oakland, CA 94606

DRILLING AND
SAMPLING METHODS

Hand-augered to 3 feet bgs Direct push 5410 Geoprobe with Macro
Core Clear Acetate Liners

WATER LEVEL

18.25

TIME

1122

DATE

9/13/06

REFERENCE

GS

START

FINISH

TIME

TIME

1045

1120

DATE

DATE

9/13/06

9/13/06

INCHES

DRIVEN

RECOVER

BLOWS / 6" SAMPLER

OVA READING

DEPTH (feet)

AIR SAMPLE

WATER SAMPLE

SOIL SAMPLE

RECOVERED

GRAPHIC LOG

SURFACE CONDITIONS

Concrete

DESCRIPTION BY:

D. Pew

Reviewed by: *[Signature]*

CONCRETE

CONCRETE to 10" bgs.

GM

SILTY GRAVEL (aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
SILTY CLAY. Black (5Y 2.5/1), medium stiff, low plasticity, dry.

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CLAYEY SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), medium stiff, very low plasticity, trace fine-grained sand, dry.

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

SILTY SAND, Dark greyish brown (2.5Y 4/2), loose, fine to coarse-grained subrounded to subangular sand, dry.

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SM

SILTY CLAY, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft to medium stiff, low plasticity, slightly moist.

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft to medium stiff, little fine-grained sand, slightly moist.

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

ML

SILTY CLAY, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft to medium stiff, very low plasticity, trace fine to medium-grained sand, slightly moist.

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

Change to very dark greenish grey (GLEYS 10Y 3/1), no sand, moderate odor.

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

Change to slight odor.

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CL

CLIENT	SITE NUMBER	LOCATION
PSC - Sara Lee	Oakland	955 Kennedy Street Oakland, CA 94606

INCHES				LOG OF SOIL BORING:				
DRIVEN	RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG
			0.0					ML
				21				SM
				22				SW
24	24			23				CL
			0.0	24				
				25				
				26				
				27				
				28				
				29				
				30				
				31				
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				
				40				
				41				
				42				
				43				
				44				
				45				

E40

SILTY SAND, Very dark greyish brown (2.5Y 3/2), loose, fine to coarse-grained subrounded to subangular sand, wet.

GRAVELLY SAND, Dark greyish brown (2.5Y 4/2), loose, subrounded to subangular gravel to 1" diameter, little silt, wet.

GRAVELLY CLAY, Dark greyish brown (2.5Y 4/2), soft, low plasticity, subrounded to subangular gravel to 1" diameter, very moist.

Boring terminated at 24 feet. Boring filled and sealed with a grout consisting of neat cement.

Appendix D

Laboratory Reports and Chain-of-Custody Documentation

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

ETIC 2285 Morello Avenue Pleasant Hill, CA 94523	Client Project ID: #TMSLOAK3.3; SL-Oakland	Date Sampled: 09/11/06
		Date Received: 09/13/06
	Client Contact: Tom Neely	Date Reported: 09/20/06
	Client P.O.:	Date Completed: 09/20/06

WorkOrder: 0609249

September 20, 2006

RECEIVED

SEP 23 2006

Dear Tom:

ETIC ENGINEERING

Enclosed are:

- 1) the results of 4 analyzed samples from your #TMSLOAK3.3; SL-Oakland project,
- 2) a QC report for the above samples
- 3) a copy of the chain of custody, and
- 4) a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

ETIC 2285 Morello Avenue Pleasant Hill, CA 94523	Client Project ID: #TMSLOAK3.3; SL-Oakland	Date Sampled: 09/11/06-09/12/06
		Date Received: 09/13/06
	Client Contact: Tom Neely	Date Extracted 09/15/06
	Client P.O.:	Date Analyzed: 09/15/06

Total Organic Carbon (TOC)*

Analytical Method: SM5310B

Work Order: 0609249

[illegible]

Reporting Limit for DF = 1; ND means not detected at or above the reporting limit	W	NA
	S	200 mg/Kg

* water samples are reported in mg/L, soil/sludge/solid samples in mg/kg

* Non-Purgeable Organic Carbon=NPOC; TOC=Total Organic Carbon; DOC=Dissolved Organic Carbon; POC= Purgeable Organic Carbon; IC=Inorganic Carbon

i) liquid sample contains greater than ~1 vol % sediment; r) results are reported on a dry weight basis

ETIC 2285 Morello Avenue Pleasant Hill, CA 94523	Client Project ID: #TMSLOAK3.3; SL-Oakland	Date Sampled: 09/11/06
		Date Received: 09/13/06
	Client Contact: Tom Neely	Date Extracted 09/13/06
	Client P.O.:	Date Analyzed 09/15/06-09/20/06

Physical Properties*

Work Order: 0609249

[illegible]

Method Accuracy and Reporting Units	±0.1	±0.1	±0.1	±0.1
	g/cm ³	Vol % Porosity	Vol % Porosity	Dry Weight %

* Moisture determined by ASTM 2216-92

* Bulk Density is calculated from the weight of a known volume of soil by SSSA #5

* Porosity and Air Filled Void Space are calculated assuming that the specific gravity of soil is 2.65 grams/cc and the method accuracy assumes this value to be exact. SSSA #5 applies for Porosity and API 40RP for Air Filled Void Space.

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269**QC SUMMARY REPORT FOR SM5310B**

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0609249

EPA Method: SM5310B		Extraction: SM5310B				BatchID: 23602			Spiked Sample ID: 0609140-001A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec	% Rec	% RPD	% Rec	% Rec	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
IOC	12000	8200	NR	NR	NR	100	102	2.05	70 - 130	20	80 - 120	20
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE												

BATCH 23602 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0609249-001A	9/12/06 3:05 PM	9/15/06	9/15/06 4:56 PM	0609249-002A	9/12/06 3:10 PM	9/15/06	9/15/06 5:09 PM
0609249-003A	9/11/06 2:35 PM	9/15/06	9/15/06 5:21 PM	0609249-004A	9/11/06 2:45 PM	9/15/06	9/15/06 5:34 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation

 $\% \text{ Recovery} = 100 * (\text{MS} - \text{Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2)$

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery

N/A = not applicable to this method

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269**QC SUMMARY REPORT FOR WET CHEMISTRY TESTS**

Test Method: Physical Properties

Matrix: S

WorkOrder: 0609249

Method Name: APIRP40				BatchID: 23630				
SampleID	Analyte	Reporting Units	Sample	DF	Dup	DF	% RPD	Acceptance Criteria (%)
0609249-001A	Air Filled Void Space	Vol % Porosity	3 3	1	2 2	1	40	<20
	Porosity	Vol % Porosity	43	1	43	1	0	<15
	Moisture	Dry Weight %	21	1	21	1	0	<10
	Bulk Density	g/cm ³	1 9	1	1 9	1	0	<10
0609249-002A	Moisture	Dry Weight %	16	1	16	1	0	<10
	Bulk Density	g/cm ³	2 0	1	2 0	1	0	<10
	Air Filled Void Space	Vol % Porosity	3 2	1	3 6	1	12	<20
	Porosity	Vol % Porosity	36	1	36	1	0	<15
0609249-003A	Bulk Density	g/cm ³	1 9	1	1 9	1	0	<10
	Air Filled Void Space	Vol % Porosity	3 3	1	3 3	1	0	<20
	Moisture	Dry Weight %	20	1	19	1	5 1	<10
	Porosity	Vol % Porosity	41	1	41	1	0	<15
0609249-004A	Air Filled Void Space	Vol % Porosity	18	1	18	1	0	<20
	Bulk Density	g/cm ³	1 9	1	1 9	1	0	<10
	Porosity	Vol % Porosity	33	1	33	1	0	<15
	Moisture	Dry Weight %	8 0	1	8 0	1	0	<10

BATCH 23630 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0609249-001A	9/12/06 3:05 PM	9/13/06	9/20/06	0609249-002A	9/12/06 3:10 PM	9/13/06	9/20/06
0609249-003A	9/11/06 2:35 PM	9/13/06	9/15/06	0609249-004A	9/11/06 2:45 PM	9/13/06	9/15/06

Dup = Duplicate; Ser Dil = Serial Dilution; MS = Matrix Spike; RD = Relative Difference; RPD = Relative Percent Deviation

RD = Absolute Value (Sample - Duplicate); RPD = 100 * (Sample - Duplicate) / ((Sample + Duplicate) / 2).

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 0609249

ClientID: ETIC

EDF: NO

Report to:

Tom Neely
ETIC
2285 Morello Avenue
Pleasant Hill, CA 94523

Email: tneely@eticeng.com
TEL: (925) 602-4710 FAX: (925) 602-4720
ProjectNo: #TMSLOAK3.3; SL-Oakland
PO:

Bill to:

Sherris Prall
ETIC
2285 Morello Avenue
Pleasant Hill, CA 94523

Requested TAT:

5 days

Date Received: 09/13/2006

Date Printed: 09/13/2006

Sample ID	ClientSampleID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0609249-001	E8-4-4.5	Soil	09/12/2006	☐	A											
0609249-002	E8-7-7.5	Soil	09/12/2006	☐	A											
0609249-003	E36-6.5	Soil	09/11/2006	☐	A											
0609249-004	E36-9.5	Soil	09/11/2006	☐	A											

Test Legend:

1	PHYSPROP	2		3		4		5	
6		7		8		9		10	
11		12							

The following SampleIDs: 0609249-001A, 0609249-002A, 0609249-003A, 0609249-004A contain testgroup. Please make sure all relevant testcodes are reported. Many thanks.

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701

Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

TURN AROUND TIME

☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☒ PDF ☒ Excel ☐ Write On (DW) ☐

 Check if sample is effluent and "J" flag is required

Company: Tom Neely
2285 Morello Avenue

Placentia Hill, CA 94533 E-Mail: etickb@earthlink.net

Tele: (925) 602-4710 x17 Fax: (925) 602-4720

Project #: TMSLOAK 3.3 Project Name: SL - Oakland

Project Location: 955 Kennedy Street, Oakland

Sampler Signature:

Analysis Request

Other

Comments

BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE
TPH as Diesel (8015)
Total Petroleum Oil & Grease (1664 / 5520 E/B&F)
Total Petroleum Hydrocarbons (418.1)
EPA 502.2 / 601 / 8010 / 8021 (HIVOCs)
MTBE / BTX ONLY (EPA 602 / 8021)
EPA 505/ 608 / 8081 (CI Pesticides)
EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners
EPA 507 / 8141 (NP Pesticides)
EPA 515 / 8151 (Acidic CI Herbicides)
EPA 524.2 / 624 / 8260 (VOCs)
EPA 525.2 / 625 / 8270 (SVOCs)
EPA 8270 SIM / 8310 (PAHs / PNAs)
CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)
LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)
Lead (200.7 / 200.8 / 6010 / 6020)

Phy. Prop.s: Bulk Density,
T_{OC}, Moisture Content,
Porosity: Air Filled Void Space

Filter Samples for Metals analysis:
Yes / No

[illegible]

Relinquished By: <i>[Signature]</i>	Date: 9.13.16	Time: 1043	Received By: <i>Enrico Feb</i> 9/13 10:43
-------------------------------------	---------------	------------	---

Relinquished By: ENVIRO-TECH AA	04/13/06 15:21	Date: 04/13/06	Time: 3:20	Received By: <i>[Signature]</i>
------------------------------------	-------------------	-------------------	---------------	------------------------------------

Relinquished By: 	Date: 8/3/16	Time: 3:00	Received By: 
--	--------------	------------	--

ICE/1° _____
GOOD CONDITION _____
HEAD SPACE ABSENT _____
DECHLORINATED IN LAB _____
APPROPRIATE CONTAINERS _____
PRESERVED IN LAB _____

COMMENTS:

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	



Report Number : 52140

Date : 9/19/2006

Paul Anderson
Philip Services Corp
210 W Sand Bank Road
Columbia, IL 62236

Subject : 24 Soil Samples and 6 Water Samples
Project Name : SL-Oakland
Project Number : TMSLOAK3.3

Dear Mr. Anderson,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff", is written over a printed name label.

Joel Kiff



Report Number : 52140

Date : 9/19/2006

Subject : 24 Soil Samples and 6 Water Samples
Project Name : SL-Oakland
Project Number : TMSLOAK3.3

Case Narrative

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for samples E28-4.5, E28-10, E28-15, E30-4, E31-6.5, E35-21, E36-4 and E36-8.5. These hydrocarbons are higher boiling than typical diesel fuel.

Approved By: _____

A handwritten signature in black ink, appearing to read "Joel Kiff", is written over a horizontal line. Below the signature, the name "Joel Kiff" is printed in a black sans-serif font.



Report Number : 52140

Date : 9/19/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E28-4.5**

Matrix : Soil

Lab Number : 52140-01

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	97.0		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	76	2.0	mg/Kg	M EPA 8015	9/18/2006
1-Chlorooctadecane (Silica Gel Surr)	114		% Recovery	M EPA 8015	9/18/2006

Sample : **E28-10**

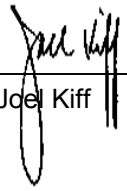
Matrix : Soil

Lab Number : 52140-02

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	97.0		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	94.8		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	58	2.0	mg/Kg	M EPA 8015	9/19/2006
1-Chlorooctadecane (Silica Gel Surr)	93.7		% Recovery	M EPA 8015	9/19/2006

Approved By:


Joel Kiff



Report Number : 52140

Date : 9/19/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E28-15**

Matrix : Soil

Lab Number : 52140-03

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	97.5		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	5.8	1.0	mg/Kg	M EPA 8015	9/15/2006
1-Chlorooctadecane (Silica Gel Surr)	93.3		% Recovery	M EPA 8015	9/15/2006

Sample : **E30-4**

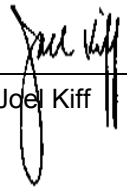
Matrix : Soil

Lab Number : 52140-04

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	95.4		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	3.8	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	86.5		% Recovery	M EPA 8015	9/14/2006

Approved By:


Joel Kiff



Report Number : 52140

Date : 9/19/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E30-8**

Matrix : Soil

Lab Number : 52140-05

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	98.2		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	99.2		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/15/2006
1-Chlorooctadecane (Silica Gel Surr)	99.6		% Recovery	M EPA 8015	9/15/2006

Sample : **E30-12**

Matrix : Soil

Lab Number : 52140-06

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	97.3		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	96.5		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/15/2006
1-Chlorooctadecane (Silica Gel Surr)	93.6		% Recovery	M EPA 8015	9/15/2006

Approved By:


Joel Kiff



Report Number : 52140

Date : 9/19/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E30-15**

Matrix : Soil

Lab Number : 52140-07

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	97.8		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	94.8		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/15/2006
1-Chlorooctadecane (Silica Gel Surr)	96.1		% Recovery	M EPA 8015	9/15/2006

Sample : **E31-6.5**

Matrix : Soil

Lab Number : 52140-08

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	95.6		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	96.0		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	44	2.0	mg/Kg	M EPA 8015	9/18/2006
1-Chlorooctadecane (Silica Gel Surr)	91.4		% Recovery	M EPA 8015	9/18/2006

Approved By:


Joel Kiff



Report Number : 52140

Date : 9/19/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E31-10.5**

Matrix : Soil

Lab Number : 52140-09

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	95.8		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	92.4		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	300	1.0	mg/Kg	M EPA 8015	9/15/2006
1-Chlorooctadecane (Silica Gel Surr)	93.7		% Recovery	M EPA 8015	9/15/2006

Sample : **E31-14.5**

Matrix : Soil

Lab Number : 52140-10

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	8.0	1.0	mg/Kg	M EPA 8015	9/15/2006
1-Chlorooctadecane (Silica Gel Surr)	94.8		% Recovery	M EPA 8015	9/15/2006

Approved By:


Joel Kiff



Report Number : 52140

Date : 9/19/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E31-16**

Matrix : Soil

Lab Number : 52140-11

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	97.4		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	98.6		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	5.0	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	84.0		% Recovery	M EPA 8015	9/14/2006

Sample : **E33-4.5**

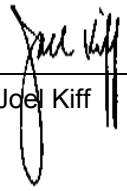
Matrix : Soil

Lab Number : 52140-12

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	99.5		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	520	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	93.2		% Recovery	M EPA 8015	9/14/2006

Approved By:


Joel Kiff



Report Number : 52140

Date : 9/19/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E33-8**

Matrix : Soil

Lab Number : 52140-13

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	30	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	94.8		% Recovery	M EPA 8015	9/14/2006

Sample : **E33-12**

Matrix : Soil

Lab Number : 52140-14

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.025	0.025	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.025	0.025	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.025	0.025	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.025	0.025	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.025	0.025	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	7500	10	mg/Kg	M EPA 8015	9/15/2006
1-Chlorooctadecane (Silica Gel Surr)	Diluted Out		% Recovery	M EPA 8015	9/15/2006

Approved By:


Joel Kiff



Report Number : 52140

Date : 9/19/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E33-16**

Matrix : Soil

Lab Number : 52140-15

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	97.4		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	6.9	1.0	mg/Kg	M EPA 8015	9/16/2006
1-Chlorooctadecane (Silica Gel Surr)	97.7		% Recovery	M EPA 8015	9/16/2006

Sample : **E35-6**

Matrix : Soil

Lab Number : 52140-16

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/16/2006
1-Chlorooctadecane (Silica Gel Surr)	86.3		% Recovery	M EPA 8015	9/16/2006

Approved By:


Joel Kiff



Report Number : 52140

Date : 9/19/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E35-10**

Matrix : Soil

Lab Number : 52140-17

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	95.4		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	570	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	95.3		% Recovery	M EPA 8015	9/14/2006

Sample : **E35-14**

Matrix : Soil

Lab Number : 52140-18

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	95.6		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	2.3	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	88.2		% Recovery	M EPA 8015	9/14/2006

Approved By:


Joel Kiff



Report Number : 52140

Date : 9/19/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E35-18**

Matrix : Soil

Lab Number : 52140-19

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	97.9		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	35	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	87.8		% Recovery	M EPA 8015	9/14/2006

Sample : **E35-21**

Matrix : Soil

Lab Number : 52140-20

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	96.7		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	1.2	1.0	mg/Kg	M EPA 8015	9/16/2006
1-Chlorooctadecane (Silica Gel Surr)	93.3		% Recovery	M EPA 8015	9/16/2006

Approved By:


Joel Kiff



Report Number : 52140

Date : 9/19/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E36-4**

Matrix : Soil

Lab Number : 52140-21

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	96.7		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	99.7		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	1.6	1.0	mg/Kg	M EPA 8015	9/18/2006
1-Chlorooctadecane (Silica Gel Surr)	96.9		% Recovery	M EPA 8015	9/18/2006

Sample : **E36-8.5**

Matrix : Soil

Lab Number : 52140-22

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	95.7		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	1.3	1.0	mg/Kg	M EPA 8015	9/13/2006
1-Chlorooctadecane (Silica Gel Surr)	101		% Recovery	M EPA 8015	9/13/2006

Approved By:


Joel Kiff



Report Number : 52140

Date : 9/19/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E36-10**

Matrix : Soil

Lab Number : 52140-23

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	96.5		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	5100	10	mg/Kg	M EPA 8015	9/16/2006
1-Chlorooctadecane (Silica Gel Surr)	Diluted Out		% Recovery	M EPA 8015	9/16/2006

Sample : **E36-15**

Matrix : Soil

Lab Number : 52140-24

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	94.6		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	1.9	1.0	mg/Kg	M EPA 8015	9/15/2006
1-Chlorooctadecane (Silica Gel Surr)	96.0		% Recovery	M EPA 8015	9/15/2006

Approved By:


Joel Kiff



Report Number : 52140

Date : 9/19/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E31**

Matrix : Water

Lab Number : 52140-25

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	880000	500	ug/L	M EPA 8015	9/14/2006
Octacosane (Diesel Silica Gel Surr)	Diluted Out		% Recovery	M EPA 8015	9/14/2006

Sample : **E33**

Matrix : Water

Lab Number : 52140-26

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	22	0.50	ug/L	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	4200	50	ug/L	M EPA 8015	9/13/2006
Octacosane (Diesel Silica Gel Surr)	73.2		% Recovery	M EPA 8015	9/13/2006

Approved By:


Joel Kiff



Report Number : 52140

Date : 9/19/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E35**

Matrix : Water

Lab Number : 52140-27

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	4.2	0.50	ug/L	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	3500	50	ug/L	M EPA 8015	9/13/2006
Octacosane (Diesel Silica Gel Surr)	75.8		% Recovery	M EPA 8015	9/13/2006

Sample : **E36**

Matrix : Water

Lab Number : 52140-28

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	0.61	0.50	ug/L	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	96.1		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	1700000	1000	ug/L	M EPA 8015	9/15/2006
Octacosane (Diesel Silica Gel Surr)	Diluted Out		% Recovery	M EPA 8015	9/15/2006

Approved By:


Joel Kiff



Report Number : 52140

Date : 9/19/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E28**

Matrix : Water

Lab Number : 52140-29

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	68000	500	ug/L	M EPA 8015	9/14/2006
Octacosane (Diesel Silica Gel Surr)	Diluted Out		% Recovery	M EPA 8015	9/14/2006

Sample : **E30**

Matrix : Water

Lab Number : 52140-30

Sample Date :9/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	93.2		% Recovery	EPA 8260B	9/13/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/19/2006
Octacosane (Diesel Silica Gel Surr)	75.6		% Recovery	M EPA 8015	9/19/2006

Approved By:


Joel Kiff

Report Number : 52140

Date : 9/19/2006

QC Report : Method Blank DataProject Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/13/2006
1-Chlorooctadecane (Silica Gel Surr)	87.6		%	M EPA 8015	9/13/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	78.1		%	M EPA 8015	9/14/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/13/2006
Octacosane (Diesel Silica Gel Surr)	99.0		%	M EPA 8015	9/13/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/15/2006
Octacosane (Diesel Silica Gel Surr)	141		%	M EPA 8015	9/15/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/16/2006
1-Chlorooctadecane (Silica Gel Surr)	86.9		%	M EPA 8015	9/16/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/19/2006
Octacosane (Diesel Silica Gel Surr)	87.8		%	M EPA 8015	9/19/2006
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/12/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/12/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/12/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/12/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/12/2006
Toluene - d8 (Surr)	99.9		%	EPA 8260B	9/12/2006
4-Bromofluorobenzene (Surr)	104		%	EPA 8260B	9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/12/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/12/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/12/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/12/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/12/2006
Toluene - d8 (Surr)	99.8		%	EPA 8260B	9/12/2006
4-Bromofluorobenzene (Surr)	104		%	EPA 8260B	9/12/2006
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	98.1		%	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	103		%	EPA 8260B	9/13/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	97.8		%	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	9/13/2006

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 52140

Date : 9/19/2006

QC Report : Method Blank Data

Project Name : **SL-Oakland**

Project Number : **TMSLOAK3.3**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	98.0		%	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	103		%	EPA 8260B	9/14/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	103		%	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	9/13/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	99.1		%	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	94.9		%	EPA 8260B	9/13/2006

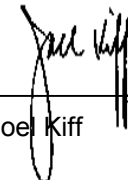
Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/13/2006
Toluene - d8 (Surr)	99.8		%	EPA 8260B	9/13/2006
4-Bromofluorobenzene (Surr)	95.2		%	EPA 8260B	9/13/2006

Approved By:  Joel Kiff

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	52134-03	<1.0	20.0	20.0	17.8	18.2	mg/Kg	M EPA 8015	9/13/06	89.1	91.0	2.12	60-140	25
TPH as Diesel	52140-20	1.1	20.0	20.0	18.3	19.3	mg/Kg	M EPA 8015	9/14/06	87.0	91.3	4.92	60-140	25
TPH as Diesel	Blank	<50	1000	1000	780	718	ug/L	M EPA 8015	9/13/06	78.0	71.8	8.28	70-130	25
TPH as Diesel	Blank	<50	1000	1000	964	1000	ug/L	M EPA 8015	9/14/06	96.4	100	3.92	70-130	25
TPH as Diesel	52160-22	1.3	20.0	20.0	19.8	19.4	mg/Kg	M EPA 8015	9/16/06	93.2	91.4	2.01	60-140	25
Benzene	52134-05	<0.0050	0.0387	0.0382	0.0342	0.0334	mg/Kg	EPA 8260B	9/13/06	88.4	87.4	1.11	70-130	25
Toluene	52134-05	<0.0050	0.0387	0.0382	0.0359	0.0353	mg/Kg	EPA 8260B	9/13/06	92.8	92.4	0.380	70-130	25
Tert-Butanol	52134-05	<0.0050	0.193	0.191	0.175	0.169	mg/Kg	EPA 8260B	9/13/06	90.7	88.3	2.66	70-130	25
Methyl-t-Butyl Ether	52134-05	<0.0050	0.0387	0.0382	0.0298	0.0290	mg/Kg	EPA 8260B	9/13/06	77.0	75.7	1.70	70-130	25
Benzene	52140-16	<0.0050	0.0391	0.0385	0.0407	0.0398	mg/Kg	EPA 8260B	9/13/06	104	103	0.655	70-130	25
Toluene	52140-16	<0.0050	0.0391	0.0385	0.0399	0.0387	mg/Kg	EPA 8260B	9/13/06	102	100	1.33	70-130	25
Tert-Butanol	52140-16	<0.0050	0.196	0.193	0.179	0.174	mg/Kg	EPA 8260B	9/13/06	91.3	90.3	1.08	70-130	25
Methyl-t-Butyl Ether	52140-16	<0.0050	0.0391	0.0385	0.0364	0.0354	mg/Kg	EPA 8260B	9/13/06	93.1	91.7	1.52	70-130	25
Benzene	52147-01	<0.0050	0.0400	0.0394	0.0390	0.0382	mg/Kg	EPA 8260B	9/13/06	97.4	96.9	0.504	70-130	25
Toluene	52147-01	<0.0050	0.0400	0.0394	0.0378	0.0374	mg/Kg	EPA 8260B	9/13/06	94.5	95.0	0.526	70-130	25

Approved By:  Joel Kiff

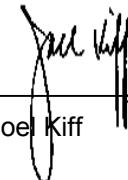
KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol	52147-01	<0.0050	0.200	0.197	0.172	0.167	mg/Kg	EPA 8260B	9/13/06	86.0	85.0	1.12	70-130	25
Methyl-t-Butyl Ether	52147-01	<0.0050	0.0400	0.0394	0.0357	0.0354	mg/Kg	EPA 8260B	9/13/06	89.2	90.1	1.00	70-130	25
Benzene	52109-03	<0.50	37.2	39.5	39.0	41.2	ug/L	EPA 8260B	9/13/06	104	104	0.213	70-130	25
Toluene	52109-03	<0.50	37.2	39.5	38.4	40.6	ug/L	EPA 8260B	9/13/06	103	103	0.294	70-130	25
Tert-Butanol	52109-03	<5.0	186	198	180	192	ug/L	EPA 8260B	9/13/06	97.0	97.2	0.277	70-130	25
Methyl-t-Butyl Ether	52109-03	<0.50	37.2	39.5	35.7	37.9	ug/L	EPA 8260B	9/13/06	95.8	95.8	0.0192	70-130	25
Benzene	52157-10	<0.0050	0.0387	0.0391	0.0365	0.0366	mg/Kg	EPA 8260B	9/14/06	94.4	93.4	1.07	70-130	25
Toluene	52157-10	<0.0050	0.0387	0.0391	0.0359	0.0357	mg/Kg	EPA 8260B	9/14/06	92.7	91.2	1.66	70-130	25
Tert-Butanol	52157-10	<0.0050	0.193	0.196	0.156	0.159	mg/Kg	EPA 8260B	9/14/06	80.7	81.2	0.592	70-130	25
Methyl-t-Butyl Ether	52157-10	<0.0050	0.0387	0.0391	0.0330	0.0333	mg/Kg	EPA 8260B	9/14/06	85.2	85.1	0.189	70-130	25
Benzene	52136-05	<0.50	40.0	40.0	35.4	34.0	ug/L	EPA 8260B	9/13/06	88.4	85.0	3.90	70-130	25
Toluene	52136-05	<0.50	40.0	40.0	37.6	36.2	ug/L	EPA 8260B	9/13/06	94.1	90.5	3.84	70-130	25
Tert-Butanol	52136-05	<5.0	200	200	181	177	ug/L	EPA 8260B	9/13/06	90.5	88.6	2.02	70-130	25
Methyl-t-Butyl Ether	52136-05	<0.50	40.0	40.0	40.1	39.4	ug/L	EPA 8260B	9/13/06	100	98.6	1.61	70-130	25
Benzene	52131-02	<0.50	40.0	40.0	38.3	35.2	ug/L	EPA 8260B	9/13/06	95.7	88.1	8.26	70-130	25
Toluene	52131-02	<0.50	40.0	40.0	37.2	34.4	ug/L	EPA 8260B	9/13/06	92.9	86.1	7.58	70-130	25
Tert-Butanol	52131-02	<5.0	200	200	173	165	ug/L	EPA 8260B	9/13/06	86.7	82.4	5.05	70-130	25
Methyl-t-Butyl Ether	52131-02	<0.50	40.0	40.0	34.1	32.1	ug/L	EPA 8260B	9/13/06	85.4	80.2	6.18	70-130	25

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 52140

Date : 9/19/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **SL-Oakland**

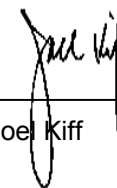
Project Number : **TMSLOAK3.3**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	52131-05	<0.50	40.0	40.0	36.2	34.8	ug/L	EPA 8260B	9/13/06	90.6	87.0	4.09	70-130	25
Toluene	52131-05	<0.50	40.0	40.0	35.4	35.2	ug/L	EPA 8260B	9/13/06	88.4	88.0	0.530	70-130	25
Tert-Butanol	52131-05	<5.0	200	200	178	177	ug/L	EPA 8260B	9/13/06	88.8	88.4	0.360	70-130	25
Methyl-t-Butyl Ether	52131-05	42	40.0	40.0	76.5	77.1	ug/L	EPA 8260B	9/13/06	86.9	88.5	1.85	70-130	25
TPH as Diesel	Blank	<50	1000	1000	198	186	ug/L	M EPA 8015	9/19/06	19.8	18.6	5.95	70-130	25

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By: Joel Kiff



QC Report : Laboratory Control Sample (LCS)Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Diesel	20.0	mg/Kg	M EPA 8015	9/13/06	87.9	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	9/14/06	92.2	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	9/16/06	83.6	70-130
Benzene	0.0396	mg/Kg	EPA 8260B	9/12/06	101	70-130
Toluene	0.0396	mg/Kg	EPA 8260B	9/12/06	99.6	70-130
Tert-Butanol	0.198	mg/Kg	EPA 8260B	9/12/06	90.7	70-130
Methyl-t-Butyl Ether	0.0396	mg/Kg	EPA 8260B	9/12/06	92.6	70-130
Benzene	0.0389	mg/Kg	EPA 8260B	9/12/06	96.0	70-130
Toluene	0.0389	mg/Kg	EPA 8260B	9/12/06	94.2	70-130
Tert-Butanol	0.194	mg/Kg	EPA 8260B	9/12/06	80.0	70-130
Methyl-t-Butyl Ether	0.0389	mg/Kg	EPA 8260B	9/12/06	83.6	70-130
Benzene	0.0388	mg/Kg	EPA 8260B	9/13/06	101	70-130
Toluene	0.0388	mg/Kg	EPA 8260B	9/13/06	99.0	70-130
Tert-Butanol	0.194	mg/Kg	EPA 8260B	9/13/06	86.4	70-130
Methyl-t-Butyl Ether	0.0388	mg/Kg	EPA 8260B	9/13/06	93.2	70-130

KIFF ANALYTICAL, LLC

Approved By:

Joel Kiff

QC Report : Laboratory Control Sample (LCS)Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	9/13/06	106	70-130
Toluene	40.0	ug/L	EPA 8260B	9/13/06	103	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/13/06	95.2	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/13/06	102	70-130
Benzene	0.0392	mg/Kg	EPA 8260B	9/14/06	98.0	70-130
Toluene	0.0392	mg/Kg	EPA 8260B	9/14/06	96.9	70-130
Tert-Butanol	0.196	mg/Kg	EPA 8260B	9/14/06	84.9	70-130
Methyl-t-Butyl Ether	0.0392	mg/Kg	EPA 8260B	9/14/06	89.3	70-130
Benzene	40.0	ug/L	EPA 8260B	9/13/06	86.0	70-130
Toluene	40.0	ug/L	EPA 8260B	9/13/06	92.3	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/13/06	87.4	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/13/06	97.8	70-130
Benzene	40.0	ug/L	EPA 8260B	9/13/06	90.0	70-130
Toluene	40.0	ug/L	EPA 8260B	9/13/06	88.1	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/13/06	83.8	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/13/06	80.2	70-130
Benzene	40.0	ug/L	EPA 8260B	9/13/06	90.9	70-130
Toluene	40.0	ug/L	EPA 8260B	9/13/06	93.0	70-130

KIFF ANALYTICAL, LLC

Approved By:

Joel Kiff

Report Number : 52140

Date : 9/19/2006

QC Report : Laboratory Control Sample (LCS)

Project Name : **SL-Oakland**

Project Number : **TMSLOAK3.3**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Tert-Butanol	200	ug/L	EPA 8260B	9/13/06	91.8	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/13/06	84.7	70-130

KIFF ANALYTICAL, LLC

Approved By:

Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Distribution: White - Lab; Pink - Originator
Rev: 051805



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No.

52140

Page

of

3

Project Contact (Hardcopy or PDF To): Paul Anderson California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236 Sampling Company Log Code:

Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #: EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland Sampler Signature: *Don R. Pen*

Project Address: 955 Kennedy Street, Oakland, California

Sampling Container Preservative Matrix

40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time

E31-16 9/11/06 1554

E33-4.5 " 1627

E33-8 " 1633

E33-12 " 1640

E33-16 " 1646

E35-6 " 1325

E35-10 " 1345

E35-14 " 1350

E35-18 " 1355

E35-21 " 1400

Relinquished by: *Don R. Pen* Date Time Received by:

Relinquished by: Date Time Received by:

Relinquished by: Date Time Received by:

Relinquished by: Date Time Received by Laboratory: *09/20/06 1250 R. McSee Kiff Analytical*

Chain-of-Custody Record and Analysis Request

Analysis Request

MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	TAT
☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	12 hr
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	24 hr
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	48hr
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	72 hr
☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	1 wk

For Lab Use Only

Remarks:

Copy analytical data to: eticlabreports@eticeng.com
(Tom Neely)

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No.

52440

Page 3 of 3

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236
Sampling Company Log Code:

Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #:
EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland
Sampler Signature: *[Signature]*

Project Address: 955 Kennedy Street, Oakland, California

Sampling Container Preservative Matrix

40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time

E36-4 9-11-06 1430

E36-8.5 " 1440

E36-10 " 1450

E36-15 " 1500

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450

E28 " 1230

E30 " 1030

E31 " 1615

E33 " 1700

E35 " 1505

E36 " 1450



Report Number : 52160

Date : 9/20/2006

Paul Anderson
Philip Services Corp
210 W Sand Bank Road
Columbia, IL 62236

Subject : 18 Soil Samples and 4 Water Samples
Project Name : SL-Oakland
Project Number : TMSLOAK3.3

Dear Mr. Anderson,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff", is written over a printed name.

Joel Kiff



Report Number : 52160

Date : 9/20/2006

Subject : 18 Soil Samples and 4 Water Samples
Project Name : SL-Oakland
Project Number : TMSLOAK3.3

Case Narrative

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for samples E12, E4-10', E5-5', E6-5', E6-9', E6-10', E8-5.5 and E12-10'. These hydrocarbons are higher boiling than typical diesel fuel.

Approved By: _____

A handwritten signature in black ink, appearing to read "Joel Kiff", is written over a horizontal line. Below the signature, the name "Joel Kiff" is printed in a black sans-serif font.



Report Number : 52160

Date : 9/20/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E8**

Matrix : Water

Lab Number : 52160-01

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	2.0	0.50	ug/L	EPA 8260B	9/14/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	98.5		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/15/2006
Octacosane (Diesel Silica Gel Surr)	110		% Recovery	M EPA 8015	9/15/2006

Sample : **E11**

Matrix : Water

Lab Number : 52160-02

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/15/2006
Octacosane (Diesel Silica Gel Surr)	101		% Recovery	M EPA 8015	9/15/2006

Approved By:

Joel Kiff



Report Number : 52160

Date : 9/20/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E12**

Matrix : Water

Lab Number : 52160-03

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	90.5		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	260	50	ug/L	M EPA 8015	9/19/2006
Octacosane (Diesel Silica Gel Surr)	87.6		% Recovery	M EPA 8015	9/19/2006

Sample : **E16**

Matrix : Water

Lab Number : 52160-04

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	96.3		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/15/2006
Octacosane (Diesel Silica Gel Surr)	99.6		% Recovery	M EPA 8015	9/15/2006

Approved By:

Joel Kiff



Report Number : 52160

Date : 9/20/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E4-10'**

Matrix : Soil

Lab Number : 52160-06

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	96.4		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	5.6	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	86.8		% Recovery	M EPA 8015	9/14/2006

Sample : **E5-5'**

Matrix : Soil

Lab Number : 52160-09

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	92.8		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	1.7	1.0	mg/Kg	M EPA 8015	9/19/2006
1-Chlorooctadecane (Silica Gel Surr)	91.9		% Recovery	M EPA 8015	9/19/2006

Approved By:

Joel Kiff



Report Number : 52160

Date : 9/20/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E5-10'**

Matrix : Soil

Lab Number : 52160-10

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	94.9		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/15/2006
1-Chlorooctadecane (Silica Gel Surr)	93.0		% Recovery	M EPA 8015	9/15/2006

Sample : **E5-15'**

Matrix : Soil

Lab Number : 52160-11

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	0.017	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	98.2		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/19/2006
1-Chlorooctadecane (Silica Gel Surr)	109		% Recovery	M EPA 8015	9/19/2006

Approved By:

Joel Kiff



Report Number : 52160

Date : 9/20/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E5-20'**

Matrix : Soil

Lab Number : 52160-12

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	0.020	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	95.0		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/15/2006
1-Chlorooctadecane (Silica Gel Surr)	89.6		% Recovery	M EPA 8015	9/15/2006

Sample : **E6-5'**

Matrix : Soil

Lab Number : 52160-13

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	99.4		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	97.4		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	1.7	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	96.0		% Recovery	M EPA 8015	9/14/2006

Approved By:

Joel Kiff



Report Number : 52160

Date : 9/20/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E6-9'**

Matrix : Soil

Lab Number : 52160-14

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	97.8		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	32	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	96.6		% Recovery	M EPA 8015	9/14/2006

Sample : **E6-10'**

Matrix : Soil

Lab Number : 52160-15

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	4.1	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	90.2		% Recovery	M EPA 8015	9/14/2006

Approved By:


Joel Kiff



Report Number : 52160

Date : 9/20/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E8-5.5**

Matrix : Soil

Lab Number : 52160-18

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	98.3		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	93.9		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	1.3	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	92.0		% Recovery	M EPA 8015	9/14/2006

Sample : **E8-10'**

Matrix : Soil

Lab Number : 52160-19

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	98.4		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	95.2		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	89.9		% Recovery	M EPA 8015	9/14/2006

Approved By:

Joel Kiff



Report Number : 52160

Date : 9/20/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E8-15'**

Matrix : Soil

Lab Number : 52160-20

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	97.9		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	94.8		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	83.4		% Recovery	M EPA 8015	9/14/2006

Sample : **E8-20'**

Matrix : Soil

Lab Number : 52160-21

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	97.5		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	94.4		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	88.3		% Recovery	M EPA 8015	9/14/2006

Approved By:

Joel Kiff



Report Number : 52160

Date : 9/20/2006

Project Name : SL-Oakland

Project Number : TMSLOAK3.3

Sample : E11-5'

Matrix : Soil

Lab Number : 52160-22

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/16/2006
1-Chlorooctadecane (Silica Gel Surr)	95.7		% Recovery	M EPA 8015	9/16/2006

Sample : E11-10.5'

Matrix : Soil

Lab Number : 52160-23

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	89.9		% Recovery	M EPA 8015	9/14/2006

Approved By:

Joel Kiff



Report Number : 52160

Date : 9/20/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E11-15'**

Matrix : Soil

Lab Number : 52160-24

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/16/2006
1-Chlorooctadecane (Silica Gel Surr)	85.4		% Recovery	M EPA 8015	9/16/2006

Sample : **E11-20'**

Matrix : Soil

Lab Number : 52160-25

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	99.4		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/15/2006
1-Chlorooctadecane (Silica Gel Surr)	90.6		% Recovery	M EPA 8015	9/15/2006

Approved By:

Joel Kiff



Report Number : 52160

Date : 9/20/2006

Project Name : SL-Oakland

Project Number : TMSLOAK3.3

Sample : E12-10'

Matrix : Soil

Lab Number : 52160-27

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	94.3		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	1.5	1.0	mg/Kg	M EPA 8015	9/15/2006
1-Chlorooctadecane (Silica Gel Surr)	90.2		% Recovery	M EPA 8015	9/15/2006

Sample : E16-10.5'

Matrix : Soil

Lab Number : 52160-31

Sample Date :9/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	94.7		% Recovery	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	9/14/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/15/2006
1-Chlorooctadecane (Silica Gel Surr)	85.4		% Recovery	M EPA 8015	9/15/2006

Approved By:

Joel Kiff

Report Number : 52160

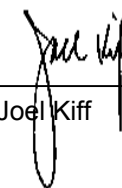
Date : 9/20/2006

QC Report : Method Blank DataProject Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/14/2006
1-Chlorooctadecane (Silica Gel Surr)	87.8		%	M EPA 8015	9/14/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/15/2006
Octacosane (Diesel Silica Gel Surr)	141		%	M EPA 8015	9/15/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/16/2006
1-Chlorooctadecane (Silica Gel Surr)	86.9		%	M EPA 8015	9/16/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/19/2006
Octacosane (Diesel Silica Gel Surr)	97.8		%	M EPA 8015	9/19/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/19/2006
1-Chlorooctadecane (Silica Gel Surr)	87.5		%	M EPA 8015	9/19/2006
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/14/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	98.7		%	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	94.6		%	EPA 8260B	9/14/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	99.0		%	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	99.3		%	EPA 8260B	9/14/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	101		%	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	104		%	EPA 8260B	9/14/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	94.0		%	EPA 8260B	9/14/2006

Approved By: Joel Kiff



KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 52160

Date : 9/20/2006

QC Report : Method Blank Data

Project Name : **SL-Oakland**

Project Number : **TMSLOAK3.3**

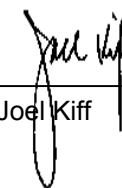
Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/14/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/14/2006
Toluene - d8 (Surr)	99.4		%	EPA 8260B	9/14/2006
4-Bromofluorobenzene (Surr)	98.9		%	EPA 8260B	9/14/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
-----------	----------------	------------------------	-------	-----------------	---------------

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

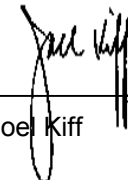
Approved By: Joel Kiff



QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	52160-23	<1.0	20.0	20.0	16.9	16.4	mg/Kg	M EPA 8015	9/14/06	84.7	82.2	3.01	60-140	25
TPH as Diesel	Blank	<50	1000	1000	964	1000	ug/L	M EPA 8015	9/14/06	96.4	100	3.92	70-130	25
TPH as Diesel	52160-22	1.3	20.0	20.0	19.8	19.4	mg/Kg	M EPA 8015	9/16/06	93.2	91.4	2.01	60-140	25
TPH as Diesel	Blank	<50	1000	1000	938	989	ug/L	M EPA 8015	9/18/06	93.8	98.9	5.28	70-130	25
TPH as Diesel	52247-34	<1.0	20.0	20.0	18.1	18.3	mg/Kg	M EPA 8015	9/19/06	90.6	91.3	0.722	60-140	25
Benzene	52160-06	<0.0050	0.0399	0.0395	0.0393	0.0374	mg/Kg	EPA 8260B	9/14/06	98.6	94.5	4.16	70-130	25
Toluene	52160-06	<0.0050	0.0399	0.0395	0.0389	0.0374	mg/Kg	EPA 8260B	9/14/06	97.4	94.7	2.77	70-130	25
Tert-Butanol	52160-06	<0.0050	0.200	0.198	0.176	0.171	mg/Kg	EPA 8260B	9/14/06	88.2	86.5	1.90	70-130	25
Methyl-t-Butyl Ether	52160-06	<0.0050	0.0399	0.0395	0.0361	0.0337	mg/Kg	EPA 8260B	9/14/06	90.4	85.2	5.88	70-130	25
Benzene	52163-10	0.52	40.0	40.0	35.5	35.4	ug/L	EPA 8260B	9/14/06	87.5	87.1	0.513	70-130	25
Toluene	52163-10	<0.50	40.0	40.0	34.9	34.3	ug/L	EPA 8260B	9/14/06	87.2	85.7	1.79	70-130	25
Tert-Butanol	52163-10	<5.0	200	200	177	183	ug/L	EPA 8260B	9/14/06	88.4	91.4	3.28	70-130	25
Methyl-t-Butyl Ether	52163-10	<0.50	40.0	40.0	39.7	40.2	ug/L	EPA 8260B	9/14/06	99.2	101	1.45	70-130	25
Benzene	52163-09	<0.50	40.0	40.0	34.9	34.2	ug/L	EPA 8260B	9/14/06	87.3	85.5	2.08	70-130	25
Toluene	52163-09	<0.50	40.0	40.0	35.3	34.6	ug/L	EPA 8260B	9/14/06	88.3	86.6	1.89	70-130	25

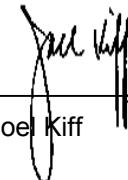
Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

QC Report : Matrix Spike/ Matrix Spike DuplicateProject Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol	52163-09	<5.0	200	200	175	170	ug/L	EPA 8260B	9/14/06	87.3	84.9	2.86	70-130	25
Methyl-t-Butyl Ether	52163-09	<0.50	40.0	40.0	38.9	38.2	ug/L	EPA 8260B	9/14/06	97.2	95.4	1.78	70-130	25
Benzene	52162-05	<0.50	40.0	40.0	39.9	38.9	ug/L	EPA 8260B	9/14/06	99.7	97.2	2.59	70-130	25
Toluene	52162-05	<0.50	40.0	40.0	40.4	38.8	ug/L	EPA 8260B	9/14/06	101	96.9	4.27	70-130	25
Tert-Butanol	52162-05	<5.0	200	200	187	186	ug/L	EPA 8260B	9/14/06	93.5	92.9	0.634	70-130	25
Methyl-t-Butyl Ether	52162-05	<0.50	40.0	40.0	35.5	34.6	ug/L	EPA 8260B	9/14/06	88.8	86.6	2.57	70-130	25
Benzene	52163-04	<0.50	40.0	40.0	32.7	33.0	ug/L	EPA 8260B	9/14/06	81.8	82.4	0.771	70-130	25
Toluene	52163-04	<0.50	40.0	40.0	32.6	32.7	ug/L	EPA 8260B	9/14/06	81.4	81.8	0.433	70-130	25
Tert-Butanol	52163-04	<5.0	200	200	158	160	ug/L	EPA 8260B	9/14/06	79.2	79.8	0.832	70-130	25
Methyl-t-Butyl Ether	52163-04	<0.50	40.0	40.0	31.4	32.4	ug/L	EPA 8260B	9/14/06	78.5	81.1	3.26	70-130	25

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

QC Report : Laboratory Control Sample (LCS)Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Diesel	20.0	mg/Kg	M EPA 8015	9/14/06	80.5	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	9/16/06	83.6	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	9/19/06	87.9	70-130
Benzene	0.0397	mg/Kg	EPA 8260B	9/14/06	99.9	70-130
Toluene	0.0397	mg/Kg	EPA 8260B	9/14/06	99.3	70-130
Tert-Butanol	0.198	mg/Kg	EPA 8260B	9/14/06	88.9	70-130
Methyl-t-Butyl Ether	0.0397	mg/Kg	EPA 8260B	9/14/06	82.5	70-130
Benzene	40.0	ug/L	EPA 8260B	9/14/06	87.7	70-130
Toluene	40.0	ug/L	EPA 8260B	9/14/06	87.4	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/14/06	87.5	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/14/06	102	70-130
Benzene	40.0	ug/L	EPA 8260B	9/14/06	84.3	70-130
Toluene	40.0	ug/L	EPA 8260B	9/14/06	86.8	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/14/06	84.0	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/14/06	96.2	70-130

KIFF ANALYTICAL, LLC

Approved By:

Joel Kiff

Report Number : 52160

Date : 9/20/2006

QC Report : Laboratory Control Sample (LCS)

Project Name : **SL-Oakland**

Project Number : **TMSLOAK3.3**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	9/14/06	92.4	70-130
Toluene	40.0	ug/L	EPA 8260B	9/14/06	95.0	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/14/06	84.9	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/14/06	80.5	70-130
Benzene	40.0	ug/L	EPA 8260B	9/14/06	95.6	70-130
Toluene	40.0	ug/L	EPA 8260B	9/14/06	95.1	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/14/06	93.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/14/06	92.2	70-130

KIFF ANALYTICAL, LLC

Approved By:

Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 52160

Page 1 of 4

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236
Sampling Company Log Code:

Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #: EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland Sampler Signature: *Tracy A. Mc*

Project Address: 955 Kennedy Street, Oakland, California

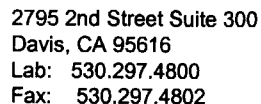
Project Address: 955 Kennedy Street, Oakland, California		Sampling		Container				Preservative				Matrix			Analysis Request														TAT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Sample Designation		Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None		Water	Soil	Air	MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

Relinquished by: *Tracy A. Mc*
Date: 09/13/06 Time: 1503
Received by: *Ron McSee*
Relinquished by:
Date: Time:
Received by:
Relinquished by:
Date: Time:
Received by Laboratory: *KIFF Analytical*

Remarks: *IN*
Copy analytical data to: eticlabreports@eticeng.com (Tom Neely)
Bill to:
For Lab Use Only: Sample Receipt
Temp °C: 1.6 Initials: RLM Date: 09/13/06 Time: 1710 Therm. ID #: 1R-5 Coolant Present: Yes No

Distribution: White - Lab; Pink - Originator
Rev: 051805

SAMPLE RECEIPT
Temp °C: 3.6 Therm. ID #: 1R-5
Initial: RLM Date: 09/13/06
Time: 1710 Coolant present: Yes No
#1 cooler with soil samples
#2 cooler with water samples



SRG # / Lab No. 52160

Page 2 of 4

Project Contact (Hardcopy or PDF To): Anderson		Paul		California EDF Report? ☒ Yes ☐ No		Chain-of-Custody Record and Analysis Request																																							
Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236				Sampling Company Log Code:				Analysis Request														TAT																							
Phone #: (618) 281-1543		Fax #: (618)281-7020		Global ID: T0600177342																		☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☒ 1 wk	For Lab Use Only																						
Project #: TMSLOAK3.3		P.O. #:		EDF Deliverable To (Email Address): panderson@pscnow.com																																									
Project Name: SL-Oakland				Sampler Signature: <i>Tracy A. Jr</i>																																									
Project Address: 955 Kennedy Street, Oakland, California				Sampling		Container		Preservative		Matrix																																			
Sample Designation				Date		Time		40 ml VOA		Sleeve		Poly		Glass		Tedlar		HCl		HNO ₃		None		Water		Soil		Air																	
ES -10'				9/12/14		1420		1																X																			10		
ES -15'						1430		1																X																			11		
ES -20'						1440		1																X																			12		
E6 -5'						0930		1																X																			13		
E6 -9'						0940		1																X																			14		
E6 -10'						0935		1																X																			15		
E6 -15'						0950		1																X																			16		
E6 -20'						0954		1																X																			17		
E8 -5.5						1500		1																X																			18		
E8 -10'						1525		1																X																			19		
Relinquished by: <i>Tracy A. Jr</i>				Date		Time		Received by:				Remarks: Copy analytical data to: eticlabreports@eticeng.com (Tom Neely)																																	
Relinquished by:				Date		Time		Received by:																																					
Relinquished by:				Date		Time		Received by Laboratory: <i>Kiff</i> <i>Rozmsee Analytical</i>				For Lab Use Only: Sample Receipt																																	
				091306		1503						Temp °C														Initials	Date	Time	Therm. ID #	Coolant Present															
																															Yes / No														



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 52160

Page 3 of 4

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No

Chain-of-Custody Record and Analysis Request

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236
Sampling Company Log Code:

Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #: EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland Sampler Signature: *Tracy A. Idolo*

Project Address: 955 Kennedy Street, Oakland, California

Sample Designation	Date	Time	Sampling				Container				Preservative			Matrix			Analysis Request														TAT	For Lab Use Only
			40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None				Water	Soil	Air	MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)		
E8-15'	9/12/06	1532	1											X			X	X	X							X						12 hr
E8-20'		1540	1											X			X	X	X							X						24 hr
E7 E11-5'		1148	1											X			X	X	X							X						48hr
E11-10.5'		1200	1											X			X	X	X							X						72 hr
E11-15'		1211	1											X			X	X	X							X						1 wk
E11-20'		1221	1											X			X	X	X							X						
E12-5'		1019	1											X															X			
E12-10'		1028	1											X			X	X	X							X						
E12-18.5'		1059	1											X															X			
E12-15'		1050	1											X															X			

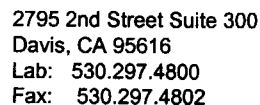
Relinquished by: *Tracy A. Idolo* Date: Time: Received by: _____
Relinquished by: _____ Date: Time: Received by: _____
Relinquished by: _____ Date: 091306 Time: 1503 Received by Laboratory: *Ron M. Ree* KIFF Analytical

Remarks:
Copy analytical data to: eticlabreports@eticeng.com (Tom Neely)

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No



SRG # / Lab No.

52160

Page 4 of 6

[illegible]



Report Number : 52183

Date : 09/22/2006

Paul Anderson
Philip Services Corp
210 W Sand Bank Road
Columbia, IL 62236

Subject : 30 Soil Samples and 8 Water Samples
Project Name : SL-Oakland
Project Number : TMSLOAK3.3

Dear Mr. Anderson,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff", is written over a printed name label.

Joel Kiff

Subject : 30 Soil Samples and 8 Water Samples
Project Name : SL-Oakland
Project Number : TMSLOAK3.3

Case Narrative

Matrix Spike/Matrix Spike Duplicate Results associated with samples E37-4' and E37-12.5' for the analyte Methyl-t-butyl ether were outside of control limits. This may indicate a bias for the sample that was spiked. Since the LCS recoveries were within control limits, no data are flagged.

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for samples E25-10', E27-5', E27-8.5', E32-4', E34-4', E37-4', E37-9.5', E37-15', E39-4', and E40-8'. These hydrocarbons are higher boiling than typical diesel fuel.

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for sample E7-2.5'. Some of the hydrocarbons are higher boiling than typical diesel fuel and some of the hydrocarbons are lower boiling than typical diesel fuel.

Approved By: _____



Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E25**

Matrix : Water

Lab Number : 52183-01

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Methyl-t-butyl ether (MTBE)	0.92	0.50	ug/L	EPA 8260B	09/16/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/16/2006
Toluene - d8 (Surr)	87.9		% Recovery	EPA 8260B	09/16/2006
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	09/16/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	09/19/2006
Octacosane (Diesel Silica Gel Surr)	80.0		% Recovery	M EPA 8015	09/19/2006

Sample : **E27**

Matrix : Water

Lab Number : 52183-02

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/16/2006
Toluene - d8 (Surr)	90.0		% Recovery	EPA 8260B	09/16/2006
4-Bromofluorobenzene (Surr)	97.9		% Recovery	EPA 8260B	09/16/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	09/21/2006
Octacosane (Diesel Silica Gel Surr)	87.4		% Recovery	M EPA 8015	09/21/2006

Approved By:

Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E32**

Matrix : Water

Lab Number : 52183-03

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Toluene - d8 (Surr)	96.5		% Recovery	EPA 8260B	09/16/2006
4-Bromofluorobenzene (Surr)	98.2		% Recovery	EPA 8260B	09/16/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	09/02/2006
Octacosane (Diesel Silica Gel Surr)	75.0		% Recovery	M EPA 8015	09/02/2006

Sample : **E34**

Matrix : Water

Lab Number : 52183-04

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Toluene - d8 (Surr)	92.4		% Recovery	EPA 8260B	09/16/2006
4-Bromofluorobenzene (Surr)	97.5		% Recovery	EPA 8260B	09/16/2006
TPH as Diesel (Silica Gel)	3900	50	ug/L	M EPA 8015	09/02/2006
Octacosane (Diesel Silica Gel Surr)	74.0		% Recovery	M EPA 8015	09/02/2006

Approved By:


Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E37**

Matrix : Water

Lab Number : 52183-05

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	09/16/2006
4-Bromofluorobenzene (Surr)	98.8		% Recovery	EPA 8260B	09/16/2006
TPH as Diesel (Silica Gel)	70000	50	ug/L	M EPA 8015	09/02/2006
Octacosane (Diesel Silica Gel Surr)	70.2		% Recovery	M EPA 8015	09/02/2006

Sample : **E38**

Matrix : Water

Lab Number : 52183-06

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Toluene - d8 (Surr)	99.2		% Recovery	EPA 8260B	09/16/2006
4-Bromofluorobenzene (Surr)	95.1		% Recovery	EPA 8260B	09/16/2006
TPH as Diesel (Silica Gel)	3400	50	ug/L	M EPA 8015	09/02/2006
Octacosane (Diesel Silica Gel Surr)	89.4		% Recovery	M EPA 8015	09/02/2006

Approved By:


Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E39**

Matrix : Water

Lab Number : 52183-07

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Toluene - d8 (Surr)	99.7		% Recovery	EPA 8260B	09/16/2006
4-Bromofluorobenzene (Surr)	96.6		% Recovery	EPA 8260B	09/16/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	09/02/2006
Octacosane (Diesel Silica Gel Surr)	85.8		% Recovery	M EPA 8015	09/02/2006

Sample : **E40**

Matrix : Water

Lab Number : 52183-08

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Toluene - d8 (Surr)	98.7		% Recovery	EPA 8260B	09/16/2006
4-Bromofluorobenzene (Surr)	95.7		% Recovery	EPA 8260B	09/16/2006
TPH as Diesel (Silica Gel)	3100	50	ug/L	M EPA 8015	09/02/2006
Octacosane (Diesel Silica Gel Surr)	85.8		% Recovery	M EPA 8015	09/02/2006

Approved By:


Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E25-10'**

Matrix : Soil

Lab Number : 52183-10

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	98.8		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	99.9		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	23	1.0	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	99.3		% Recovery	M EPA 8015	09/22/2006

Sample : **E27-5'**

Matrix : Soil

Lab Number : 52183-12

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	98.0		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	95.7		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	1.2	1.0	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	100		% Recovery	M EPA 8015	09/22/2006

Approved By:

Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E27-8.5'**

Matrix : Soil

Lab Number : 52183-13

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	95.9		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	1.2	1.0	mg/Kg	M EPA 8015	09/21/2006
1-Chlorooctadecane (Silica Gel Surr)	102		% Recovery	M EPA 8015	09/21/2006

Sample : **E32-4'**

Matrix : Soil

Lab Number : 52183-16

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	97.7		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	97.6		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	1.3	1.0	mg/Kg	M EPA 8015	09/21/2006
1-Chlorooctadecane (Silica Gel Surr)	100		% Recovery	M EPA 8015	09/21/2006

Approved By:


Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E32-8.5'**

Matrix : Soil

Lab Number : 52183-17

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	97.7		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	96.6		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	101		% Recovery	M EPA 8015	09/22/2006

Sample : **E34-4'**

Matrix : Soil

Lab Number : 52183-20

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	97.8		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	96.9		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	1.1	1.0	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	105		% Recovery	M EPA 8015	09/22/2006

Approved By:


Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E34-8'**

Matrix : Soil

Lab Number : 52183-21

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/18/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/18/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/18/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/18/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/18/2006
Toluene - d8 (Surr)	95.6		% Recovery	EPA 8260B	09/18/2006
4-Bromofluorobenzene (Surr)	97.3		% Recovery	EPA 8260B	09/18/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	96.2		% Recovery	M EPA 8015	09/22/2006

Sample : **E34-12'**

Matrix : Soil

Lab Number : 52183-22

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	97.1		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	19	1.0	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	99.0		% Recovery	M EPA 8015	09/22/2006

Approved By:


Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E34-19'**

Matrix : Soil

Lab Number : 52183-23

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	96.4		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	97.8		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	98.2		% Recovery	M EPA 8015	09/22/2006

Sample : **E37-4'**

Matrix : Soil

Lab Number : 52183-25

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	99.6		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	98.8		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	1.4	1.0	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	102		% Recovery	M EPA 8015	09/22/2006

Approved By:


Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E37-9.5'**

Matrix : Soil

Lab Number : 52183-26

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	97.8		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	1.5	1.0	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	97.7		% Recovery	M EPA 8015	09/22/2006

Sample : **E37-12.5'**

Matrix : Soil

Lab Number : 52183-27

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/20/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/20/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/20/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/20/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/20/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	09/20/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	09/20/2006
TPH as Diesel (Silica Gel)	410	1.0	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	109		% Recovery	M EPA 8015	09/22/2006

Approved By:


Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E37-15'**

Matrix : Soil

Lab Number : 52183-28

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	98.2		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	2.4	1.0	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	91.6		% Recovery	M EPA 8015	09/22/2006

Sample : **E38-4'**

Matrix : Soil

Lab Number : 52183-29

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	98.2		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	103		% Recovery	M EPA 8015	09/22/2006

Approved By:

Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E38-8'**

Matrix : Soil

Lab Number : 52183-30

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	98.1		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	96.2		% Recovery	M EPA 8015	09/22/2006

Sample : **E38-11'**

Matrix : Soil

Lab Number : 52183-31

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	97.6		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	420	1.0	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	104		% Recovery	M EPA 8015	09/22/2006

Approved By:


Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E38-12'**

Matrix : Soil

Lab Number : 52183-32

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	99.7		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	140	1.0	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	100		% Recovery	M EPA 8015	09/22/2006

Sample : **E38-16'**

Matrix : Soil

Lab Number : 52183-33

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	99.4		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	1.0	1.0	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	103		% Recovery	M EPA 8015	09/22/2006

Approved By:


Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E38-19'**

Matrix : Soil

Lab Number : 52183-34

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	95.6		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	98.2		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	09/21/2006
1-Chlorooctadecane (Silica Gel Surr)	96.0		% Recovery	M EPA 8015	09/21/2006

Sample : **E39-4'**

Matrix : Soil

Lab Number : 52183-37

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	98.0		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	92.5		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	1.3	1.0	mg/Kg	M EPA 8015	09/21/2006
1-Chlorooctadecane (Silica Gel Surr)	104		% Recovery	M EPA 8015	09/21/2006

Approved By:


Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E39-9.5'**

Matrix : Soil

Lab Number : 52183-38

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	95.1		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	95.0		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	3.5	1.0	mg/Kg	M EPA 8015	09/21/2006
1-Chlorooctadecane (Silica Gel Surr)	95.9		% Recovery	M EPA 8015	09/21/2006

Sample : **E39-12.5'**

Matrix : Soil

Lab Number : 52183-39

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	94.9		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	37	1.0	mg/Kg	M EPA 8015	09/21/2006
1-Chlorooctadecane (Silica Gel Surr)	102		% Recovery	M EPA 8015	09/21/2006

Approved By:


Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E39-17.5'**

Matrix : Soil

Lab Number : 52183-40

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	98.4		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	94.6		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	107		% Recovery	M EPA 8015	09/22/2006

Sample : **E40-4.5'**

Matrix : Soil

Lab Number : 52183-42

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	99.2		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	98.2		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	09/21/2006
1-Chlorooctadecane (Silica Gel Surr)	104		% Recovery	M EPA 8015	09/21/2006

Approved By:


Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E40-8'**

Matrix : Soil

Lab Number : 52183-43

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	98.7		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	95.3		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	2.8	1.0	mg/Kg	M EPA 8015	09/21/2006
1-Chlorooctadecane (Silica Gel Surr)	94.3		% Recovery	M EPA 8015	09/21/2006

Sample : **E40-10'**

Matrix : Soil

Lab Number : 52183-44

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	97.0		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	190	1.0	mg/Kg	M EPA 8015	09/21/2006
1-Chlorooctadecane (Silica Gel Surr)	99.5		% Recovery	M EPA 8015	09/21/2006

Approved By:


Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E40-12'**

Matrix : Soil

Lab Number : 52183-45

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	99.6		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	98.7		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	18	1.0	mg/Kg	M EPA 8015	09/21/2006
1-Chlorooctadecane (Silica Gel Surr)	102		% Recovery	M EPA 8015	09/21/2006

Sample : **E40-16'**

Matrix : Soil

Lab Number : 52183-46

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	93.9		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	09/21/2006
1-Chlorooctadecane (Silica Gel Surr)	90.5		% Recovery	M EPA 8015	09/21/2006

Approved By:

Joel Kiff



Report Number : 52183

Date : 09/22/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E7-2.5'**

Matrix : Soil

Lab Number : 52183-49

Sample Date :09/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
TPH as Gasoline	2.6	1.0	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	97.2		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	73	1.0	mg/Kg	M EPA 8015	09/21/2006
1-Chlorooctadecane (Silica Gel Surr)	98.7		% Recovery	M EPA 8015	09/21/2006

Sample : **E29-2'**

Matrix : Soil

Lab Number : 52183-50

Sample Date :09/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	99.6		% Recovery	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	96.1		% Recovery	EPA 8260B	09/19/2006
TPH as Diesel (Silica Gel)	8300	20	mg/Kg	M EPA 8015	09/22/2006
1-Chlorooctadecane (Silica Gel Surr)	Diluted Out		% Recovery	M EPA 8015	09/22/2006

Approved By:

Joel Kiff

Report Number : 52183

Date : 09/22/2006

QC Report : Method Blank DataProject Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	09/19/2006
Octacosane (Diesel Silica Gel Surr)	78.2		%	M EPA 8015	09/19/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	09/21/2006
1-Chlorooctadecane (Silica Gel Surr)	90.5		%	M EPA 8015	09/21/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	09/19/2006
1-Chlorooctadecane (Silica Gel Surr)	96.8		%	M EPA 8015	09/19/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	09/21/2006
Octacosane (Diesel Silica Gel Surr)	83.8		%	M EPA 8015	09/21/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/16/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/16/2006
Toluene - d8 (Surr)	99.7		%	EPA 8260B	09/16/2006
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	09/16/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/18/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/18/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/18/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/18/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/18/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	09/18/2006
Toluene - d8 (Surr)	99.6		%	EPA 8260B	09/18/2006
4-Bromofluorobenzene (Surr)	99.4		%	EPA 8260B	09/18/2006
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/18/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/18/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/18/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/18/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/18/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	09/18/2006
Toluene - d8 (Surr)	99.1		%	EPA 8260B	09/18/2006
4-Bromofluorobenzene (Surr)	99.5		%	EPA 8260B	09/18/2006
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	09/19/2006
Toluene - d8 (Surr)	98.8		%	EPA 8260B	09/19/2006
4-Bromofluorobenzene (Surr)	99.8		%	EPA 8260B	09/19/2006

Approved By: Joel Kiff

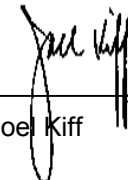
KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	Blank	<50	1000	1000	819	915	ug/L	M EPA 8015	9/20/06	81.9	91.5	11.0	70-130	25
TPH as Diesel	52183-34	<1.0	20.0	20.0	16.6	16.8	mg/Kg	M EPA 8015	9/21/06	83.1	83.8	0.837	60-140	25
TPH as Diesel	52183-46	<1.0	20.0	20.0	17.7	17.8	mg/Kg	M EPA 8015	9/20/06	88.5	89.0	0.612	60-140	25
TPH as Diesel	Blank	<50	1000	1000	895	1000	ug/L	M EPA 8015	9/21/06	89.5	100	11.1	70-130	25
Benzene	52232-04	<0.50	40.0	40.0	40.4	40.7	ug/L	EPA 8260B	9/16/06	101	102	0.877	70-130	25
Toluene	52232-04	<0.50	40.0	40.0	40.0	40.4	ug/L	EPA 8260B	9/16/06	100	101	0.959	70-130	25
Tert-Butanol	52232-04	<5.0	200	200	186	188	ug/L	EPA 8260B	9/16/06	92.8	94.0	1.37	70-130	25
Methyl-t-Butyl Ether	52232-04	<0.50	40.0	40.0	35.3	35.3	ug/L	EPA 8260B	9/16/06	88.4	88.3	0.104	70-130	25
Benzene	52183-21	<0.0050	0.0377	0.0376	0.0396	0.0386	mg/Kg	EPA 8260B	9/18/06	105	102	2.40	70-130	25
Toluene	52183-21	<0.0050	0.0377	0.0376	0.0378	0.0372	mg/Kg	EPA 8260B	9/18/06	100	99.0	1.28	70-130	25
Tert-Butanol	52183-21	<0.0050	0.189	0.188	0.172	0.181	mg/Kg	EPA 8260B	9/18/06	91.2	96.5	5.70	70-130	25
Methyl-t-Butyl Ether	52183-21	<0.0050	0.0377	0.0376	0.0382	0.0378	mg/Kg	EPA 8260B	9/18/06	101	100	0.590	70-130	25
Benzene	52183-38	<0.0050	0.0365	0.0378	0.0370	0.0386	mg/Kg	EPA 8260B	9/19/06	101	102	0.740	70-130	25
Toluene	52183-38	<0.0050	0.0365	0.0378	0.0354	0.0373	mg/Kg	EPA 8260B	9/19/06	97.1	98.6	1.58	70-130	25
Tert-Butanol	52183-38	<0.0050	0.182	0.189	0.168	0.184	mg/Kg	EPA 8260B	9/19/06	92.1	97.5	5.70	70-130	25
Methyl-t-Butyl Ether	52183-38	<0.0050	0.0365	0.0378	0.0365	0.0377	mg/Kg	EPA 8260B	9/19/06	100	99.8	0.239	70-130	25

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 52183

Date : 09/22/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **SL-Oakland**

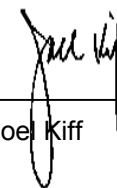
Project Number : **TMSLOAK3.3**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	52183-25	<0.0050	0.0658	0.0656	0.0610	0.0612	mg/Kg	EPA 8260B	9/19/06	92.7	93.3	0.564	70-130	25
Toluene	52183-25	<0.0050	0.0658	0.0656	0.0598	0.0591	mg/Kg	EPA 8260B	9/19/06	90.9	90.1	0.892	70-130	25
Tert-Butanol	52183-25	<0.0050	0.329	0.328	0.270	0.276	mg/Kg	EPA 8260B	9/19/06	82.0	84.2	2.71	70-130	25
Methyl-t-Butyl Ether	52183-25	<0.0050	0.0658	0.0656	0.0459	0.0507	mg/Kg	EPA 8260B	9/19/06	69.8	77.4	10.3	70-130	25

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By: Joel Kiff



QC Report : Laboratory Control Sample (LCS)Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Diesel	20.0	mg/Kg	M EPA 8015	9/19/06	81.5	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	9/20/06	79.8	70-130
Benzene	40.0	ug/L	EPA 8260B	9/16/06	103	70-130
Toluene	40.0	ug/L	EPA 8260B	9/16/06	103	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/16/06	93.0	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/16/06	88.7	70-130
Benzene	0.0375	mg/Kg	EPA 8260B	9/18/06	102	70-130
Toluene	0.0375	mg/Kg	EPA 8260B	9/18/06	98.8	70-130
Tert-Butanol	0.188	mg/Kg	EPA 8260B	9/18/06	94.6	70-130
Methyl-t-Butyl Ether	0.0375	mg/Kg	EPA 8260B	9/18/06	102	70-130
Benzene	0.0376	mg/Kg	EPA 8260B	9/18/06	100	70-130
Toluene	0.0376	mg/Kg	EPA 8260B	9/18/06	98.2	70-130
Tert-Butanol	0.188	mg/Kg	EPA 8260B	9/18/06	95.5	70-130
Methyl-t-Butyl Ether	0.0376	mg/Kg	EPA 8260B	9/18/06	98.4	70-130
Benzene	0.0396	mg/Kg	EPA 8260B	9/19/06	96.7	70-130
Toluene	0.0396	mg/Kg	EPA 8260B	9/19/06	97.1	70-130

KIFF ANALYTICAL, LLC

Approved By:

Joel Kiff

Report Number : 52183

Date : 09/22/2006

QC Report : Laboratory Control Sample (LCS)

Project Name : **SL-Oakland**

Project Number : **TMSLOAK3.3**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Tert-Butanol	0.198	mg/Kg	EPA 8260B	9/19/06	85.6	70-130
Methyl-t-Butyl Ether	0.0396	mg/Kg	EPA 8260B	9/19/06	78.7	70-130

KIFF ANALYTICAL, LLC

Approved By:

Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No.

52183

Page 1 of 5

Project Contact (Hardcopy or PDF To): Paul
Anderson

California EDF Report? ☒ Yes ☐ No

Chain-of-Custody Record and Analysis Request

Company / Address: PSC, 210 West Sand Bank
Road, Columbia, IL 62236

Sampling Company Log Code:

Phone #: (618) 281-1543

Fax #: (618) 281-7020

Global ID: T0600177342

Project #: TMSLOAK3.3

P.O. #:

EDF Deliverable To (Email Address):
panderson@pscnow.com

Project Name: SL-Oakland

Sampler Signature: *TAD*

Project Address: 955 Kennedy
Street, Oakland, California

Sampling

Container

Preservative

Matrix

Analysis Request

TAT

☐ 12 hr

☐ 24 hr

☐ 48 hr

☐ 72 hr

☒ 1 wk

For Lab Use Only

Sample Designation

Date

Time

40 ml VOA

Sleeve

Poly

Glass

Tedlar

HCl

HNO₃

None

Water

Soil

Air

MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb

MTBE (EPA 8260B) @ 0.5 ppb

BTEX (EPA 8260B)

TPH Gas (EPA 8260B)

5 Oxygenates (EPA 8260B)

7 Oxygenates (EPA 8260B)

Lead Scav (1,2 DCA & 1,2 EDB-EPA 8260B)

Volatile Halocarbons (EPA 8260B)

Volatile Organics Full List (EPA 8260B)

Volatile Organics (EPA 524.2 Drinking Water)

TPH-Diesel (EPA 8015M) w/silica gel cleanup

TPH as Motor Oil (EPA 8015M)

Total Lead (EPA 6010)

W.E.T. Lead (STLC)

Hand

E25

9/13/06

0825

6

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

E27

0915

6

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

E32

0953

6

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

E34

1040

6

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

E37

1027

6

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

E38

1530

6

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

E39

1510

8

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

E40

1145

6

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

E25-5'

0805

1

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

Distribution: White - Lab; Pink - Originator
Rev: 051805

Kitt Analytical IIC



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No.

52183

Page 3 of 5

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236
Sampling Company Log Code:

Phone #: (618) 281-1543 Fax #: (618) 281-7020
Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #:
EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland
Sampler Signature: *TAJ*

Project Address: 955 Kennedy Street, Oakland, California

Sampling Container Preservative Matrix

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time 40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Chain-of-Custody Record and Analysis Request

Analysis Request

MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav (1.2 DCA & 1.2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	TAT
														☐ 12 hr
														☐ 24 hr
														☐ 48hr
														☐ 72 hr
														☒ 1 wk

For Lab Use Only

21
22
23
24
25
26
27
28
29
30

Relinquished by: *TAJ* Date: Time: Received by:

Relinquished by: Date: Time: Received by:

Relinquished by: Date: Time: Received by Laboratory: *Tham Phuc*

Remarks:

Copy analytical data to: eticlabreports@eticeng.com
(Tom Neely)

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

K. P. Analytical LLC



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 52183

Page 4 of 5

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236
Sampling Company Log Code:

Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #: EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland Sampler Signature: *[Signature]*

Project Address: 955 Kennedy Street, Oakland, California

Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None			Water	Soil	Air
E38-11'	9/13/06	1210		1						X				X	
E38-12'		1215		1						X				X	
E38-16'		1225		1						X				X	
E38-19'		1230		1						X				X	
E38-23.5'		1515		1						X				X	
E38-27'		1530		1						X				X	
E39-4'		1347		1						X				X	
E39-9.5'		1356		1						X				X	
E39-12.5'		1409		1						X				X	
E39-17.5'	↓	1420		1						X				X	

Relinquished by: *[Signature]* Date: Time: Received by: *[Signature]*

Relinquished by: Date: Time: Received by: *[Signature]*

Relinquished by: *[Signature]* Date: *09/14/06* Time: *1400* Received by Laboratory: *[Signature]*

Chain-of-Custody Record and Analysis Request

Analysis Request														TAT
MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 8010)	W.E.T. Lead (STLC)	☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☒ 1 wk
														For Lab Use Only
														31
														32
														33
														34
														35
														36
														37
														38
														39
														40

Remarks:
Copy analytical data to: eticlabreports@eticeng.com (Tom Neely)

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

KIFF Analytical LLC



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No.

52183

Page 5 of 5

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236
Sampling Company Log Code:

Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #: EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland Sampler Signature: *TAJ*

Project Address: 955 Kennedy Street, Oakland, California

Project Address: 955 Kennedy Street, Oakland, California	Sampling		Container				Preservative			Matrix			
	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None	Water	Soil	Air
Sample Designation													
E39-24'	9/13/06	1442		1						X		X	
E40-4.5'	1	1050		1						X		X	
E40-8'		1100		1						X		X	
E40-10'		1106		1						X		X	
E40-12'		1115		1						X		X	
E40-16'		1120		1						X		X	
E40-20'		1125		1						X		X	
E40-24'	✓	1130		1						X		X	
E7-2.5'	9/12/06	1520		1						X		X	
E29-2'	9/13/06	0940		1						X		X	

Relinquished by: *TAJ* Date: Time: Received by: _____

Relinquished by: _____ Date: Time: Received by: _____

Relinquished by: _____ Date: 09/14/06 Time: 1400 Received by Laboratory: *Theresa Neely*
KIFF Analytical LLC

Chain-of-Custody Record and Analysis Request

Analysis Request																TAT
MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	Hold		☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk
																For Lab Use Only
																41
																42
																43
																44
																45
																46
																47
																48
																49
																50

Remarks:

Copy analytical data to: eticlabreports@eticeng.com
(Tom Neely)

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No.

52183

Page 1 of 5

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No

Chain-of-Custody Record and Analysis Request

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236
Sampling Company Log Code:

Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #:
EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland
Sampler Signature: *TAD*

Project Address: 955 Kennedy Street, Oakland, California

Project Address: 955 Kennedy Street, Oakland, California		Sampling		Container				Preservative			Matrix			Analysis Request														TAT	For Lab Use Only							
Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None		Water	Soil	Air		MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	WET Lead (STLC)	Notes	1 wk	48hr	72 hr			
E25	9/13/06	0825	6					X				X				X	X	X								X									01	
E27		0915	6					X				X				X	X	X								X									02	
E32		0953	6					X				X				X	X									X									03	
E34		1040	6					X				X				X	X									X									04	
E37		1027	6					X				X				X	X									X									05	
E38		1530	6					X				X				X	X									X									06	
E39		1510	8					X				X				X	X									X									07	
E40		1145	6					X				X				X	X									X									08	
E25-5'		0805	1						X			X																X								09
E25-10'	✓	0812	1						X			X				X	X	X								X		X							10	

Relinquished by: *TAD*
Date: Time: Received by:

Remarks:
Copy analytical data to: eticlabreports@eticeng.com (Tom Neely)

Relinquished by:
Date: Time: Received by:

Bill to:

Relinquished by:
Date: 09/14/06 Time: 1400 Received by Laboratory: *Kim [Signature]*
KIFF Analytical LLC

For Lab Use Only: Sample Receipt
Temp °C Initials Date Time Therm. ID # Coolant Present
Yes / No

KFF Analytical LLC



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No.

52183

Page 3 of 5

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236
Sampling Company Log Code:

Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #:
EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland
Sampler Signature: *[Signature]*

Project Address: 955 Kennedy Street, Oakland, California

Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None	Water	Soil	Air
E34-8'	9/13/06	1315		1						X		X	
E34-12'		1317		1						X		X	
E34-19'		1330		1						X		X	
E34-25'		1300		1						X		X	
E37-4'		1007		1						X		X	
E37-9.5'		1014		1						X		X	
E37-12.5'		1021		1						X		X	
E37-15'		1026		1						X		X	
E38-4'		1201		1						X		X	
E38-8'	✓	1205		1						X		X	

Relinquished by: *[Signature]* Date: Time: Received by: _____

Relinquished by: _____ Date: Time: Received by: _____

Relinquished by: _____ Date: 09/14/06 Time: 1:40 PM Received by Laboratory: *[Signature]*

Chain-of-Custody Record and Analysis Request

Analysis Request														TAT	For Lab Use Only
MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav (1.2 DCA & 1.2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524 2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	WET Lead (STLC)	☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☒ 1 wk	

Remarks:
Copy analytical data to: eticiabreports@eticeng.com (Tom Neely)

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 051805

Keith Anderson/11C

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236

Sampling Company Log Code:

Phone #: (618) 281-1543

Fax #: (618) 281-7020

Global ID: T0600177342

Project #: TMSLOAK3.3

P.O. #:

EDF Deliverable To (Email Address):
panderson@pscnow.com

Project Name: SL-Oakland

Sampler Signature: *Paul Anderson*

Project Address: 955 Kennedy Street, Oakland, California

Sampling

Container

Preservative

Matrix

Analysis Request															TAT
MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav (1,2 DCA & 1,2 EDG-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524 2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	WET Lead (STLC)		☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☒ 1 wk

For Lab Use Only

Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None	Water	Soil	Air
E39-24'	9/13/06	1442								X		X	
E40-4.5'		1050								X		X	
E40-8'		1100								X		X	
* E40-10'		1100								X		X	
* E40-12'		1115								X		X	
* E40-16'		1120								X		X	
E40-20'		1125								X		X	
E40-24'		1130								X		X	
* E7-2.5'	9/12/06	1520								X		X	
* E29-2'	9/13/06	0940								X		X	

Relinquished by: <i>Paul Anderson</i>	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:

Copy analytical data to: eticlabreports@eticeng.com
(Tom Neely)

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No



Report Number : 52247

Date : 9/26/2006

Paul Anderson
Philip Services Corp
210 W Sand Bank Road
Columbia, IL 62236

Subject : 20 Soil Samples and 6 Water Samples
Project Name : SL-Oakland
Project Number : TMSLOAK3.3

Dear Mr. Anderson,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff", is written over a printed name label.

Joel Kiff

Subject : 20 Soil Samples and 6 Water Samples
Project Name : SL-Oakland
Project Number : TMSLOAK3.3

Case Narrative

Hydrocarbons reported as TPH as Gasoline do not exhibit a typical Gasoline chromatographic pattern for sample E7.

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for samples E7-3.5, E7-8, E13-5 and E14-4.5. These hydrocarbons are higher boiling than typical diesel fuel.

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for sample E1-4.5. These hydrocarbons are lower boiling than typical diesel fuel.

Approved By: _____



Joel Kiff



Report Number : 52247

Date : 9/26/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E1**

Matrix : Water

Lab Number : 52247-01

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
TPH as Gasoline	560	50	ug/L	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	95.9		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	360000	500	ug/L	M EPA 8015	9/19/2006
Octacosane (Diesel Silica Gel Surr)	Diluted Out		% Recovery	M EPA 8015	9/19/2006

Sample : **E2**

Matrix : Water

Lab Number : 52247-02

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	98.6		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	1200	50	ug/L	M EPA 8015	9/19/2006
Octacosane (Diesel Silica Gel Surr)	110		% Recovery	M EPA 8015	9/19/2006

Approved By:

Joel Kiff



Report Number : 52247

Date : 9/26/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E7**

Matrix : Water

Lab Number : 52247-03

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
TPH as Gasoline	62	50	ug/L	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	97.2		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/19/2006
Octacosane (Diesel Silica Gel Surr)	103		% Recovery	M EPA 8015	9/19/2006

Sample : **E13**

Matrix : Water

Lab Number : 52247-04

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	98.5		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	95.8		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/19/2006
Octacosane (Diesel Silica Gel Surr)	104		% Recovery	M EPA 8015	9/19/2006

Approved By:

Joel Kiff



Report Number : 52247

Date : 9/26/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E14**

Matrix : Water

Lab Number : 52247-05

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	3.2	0.50	ug/L	EPA 8260B	9/19/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	97.0		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/19/2006
Octacosane (Diesel Silica Gel Surr)	97.4		% Recovery	M EPA 8015	9/19/2006

Sample : **E19**

Matrix : Water

Lab Number : 52247-06

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	2.8	0.50	ug/L	EPA 8260B	9/19/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	98.0		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/19/2006
Octacosane (Diesel Silica Gel Surr)	93.8		% Recovery	M EPA 8015	9/19/2006

Approved By:

Joel Kiff



Report Number : 52247

Date : 9/26/2006

Project Name : SL-Oakland

Project Number : TMSLOAK3.3

Sample : E1-4.5

Matrix : Soil

Lab Number : 52247-07

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
TPH as Gasoline	4.0	1.0	mg/Kg	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	17	1.0	mg/Kg	M EPA 8015	9/20/2006
1-Chlorooctadecane (Silica Gel Surr)	101		% Recovery	M EPA 8015	9/20/2006

Sample : E1-8

Matrix : Soil

Lab Number : 52247-08

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/20/2006
1-Chlorooctadecane (Silica Gel Surr)	99.9		% Recovery	M EPA 8015	9/20/2006

Approved By:

Joel Kiff



Report Number : 52247

Date : 9/26/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E1-11.5**

Matrix : Soil

Lab Number : 52247-09

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
TPH as Gasoline	3.5	1.0	mg/Kg	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	99.1		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	710	1.0	mg/Kg	M EPA 8015	9/20/2006
1-Chlorooctadecane (Silica Gel Surr)	110		% Recovery	M EPA 8015	9/20/2006

Sample : **E1-16**

Matrix : Soil

Lab Number : 52247-10

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	99.5		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	5.8	1.0	mg/Kg	M EPA 8015	9/20/2006
1-Chlorooctadecane (Silica Gel Surr)	106		% Recovery	M EPA 8015	9/20/2006

Approved By:

Joel Kiff



Report Number : 52247

Date : 9/26/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E1-20**

Matrix : Soil

Lab Number : 52247-11

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	5.2	1.0	mg/Kg	M EPA 8015	9/19/2006
1-Chlorooctadecane (Silica Gel Surr)	101		% Recovery	M EPA 8015	9/19/2006

Sample : **E2-8**

Matrix : Soil

Lab Number : 52247-14

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	99.4		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/20/2006
1-Chlorooctadecane (Silica Gel Surr)	108		% Recovery	M EPA 8015	9/20/2006

Approved By:

Joel Kiff



Report Number : 52247

Date : 9/26/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E2-12**

Matrix : Soil

Lab Number : 52247-15

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
TPH as Gasoline	8.0	1.0	mg/Kg	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	97.1		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	860	1.0	mg/Kg	M EPA 8015	9/20/2006
1-Chlorooctadecane (Silica Gel Surr)	111		% Recovery	M EPA 8015	9/20/2006

Sample : **E2-16**

Matrix : Soil

Lab Number : 52247-16

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	91.6		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	97.2		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	1.7	1.0	mg/Kg	M EPA 8015	9/21/2006
1-Chlorooctadecane (Silica Gel Surr)	102		% Recovery	M EPA 8015	9/21/2006

Approved By:

Joel Kiff



Report Number : 52247

Date : 9/26/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E7-3.5**

Matrix : Soil

Lab Number : 52247-19

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	93.7		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	98.7		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	1.6	1.0	mg/Kg	M EPA 8015	9/20/2006
1-Chlorooctadecane (Silica Gel Surr)	101		% Recovery	M EPA 8015	9/20/2006

Sample : **E7-8**

Matrix : Soil

Lab Number : 52247-20

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	92.9		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	99.2		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	1.4	1.0	mg/Kg	M EPA 8015	9/20/2006
1-Chlorooctadecane (Silica Gel Surr)	93.6		% Recovery	M EPA 8015	9/20/2006

Approved By:

Joel Kiff



Report Number : 52247

Date : 9/26/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E7-12**

Matrix : Soil

Lab Number : 52247-21

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/26/2006
1-Chlorooctadecane (Silica Gel Surr)	85.8		% Recovery	M EPA 8015	9/26/2006

Sample : **E7-16**

Matrix : Soil

Lab Number : 52247-22

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/26/2006
1-Chlorooctadecane (Silica Gel Surr)	92.2		% Recovery	M EPA 8015	9/26/2006

Sample : **E13-5**

Matrix : Soil

Lab Number : 52247-25

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	99.1		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	1.1	1.0	mg/Kg	M EPA 8015	9/20/2006
1-Chlorooctadecane (Silica Gel Surr)	103		% Recovery	M EPA 8015	9/20/2006

Approved By:

Joel Kiff



Report Number : 52247

Date : 9/26/2006

Project Name : **SL-Oakland**

Project Number : **TMSLOAK3.3**

Sample : **E13-8**

Matrix : Soil

Lab Number : 52247-26

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/26/2006
1-Chlorooctadecane (Silica Gel Surr)	90.8		% Recovery	M EPA 8015	9/26/2006

Sample : **E13-12**

Matrix : Soil

Lab Number : 52247-27

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/26/2006
1-Chlorooctadecane (Silica Gel Surr)	88.4		% Recovery	M EPA 8015	9/26/2006

Sample : **E13-18.5**

Matrix : Soil

Lab Number : 52247-28

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/26/2006
1-Chlorooctadecane (Silica Gel Surr)	89.4		% Recovery	M EPA 8015	9/26/2006

Approved By:

Joel Kiff



Report Number : 52247

Date : 9/26/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E14-4.5**

Matrix : Soil

Lab Number : 52247-29

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	99.4		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	1.3	1.0	mg/Kg	M EPA 8015	9/20/2006
1-Chlorooctadecane (Silica Gel Surr)	101		% Recovery	M EPA 8015	9/20/2006

Sample : **E14-8**

Matrix : Soil

Lab Number : 52247-30

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	93.2		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	96.9		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/20/2006
1-Chlorooctadecane (Silica Gel Surr)	95.1		% Recovery	M EPA 8015	9/20/2006

Approved By:

Joel Kiff



Report Number : 52247

Date : 9/26/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E14-15**

Matrix : Soil

Lab Number : 52247-31

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	94.0		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	96.2		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/20/2006
1-Chlorooctadecane (Silica Gel Surr)	94.2		% Recovery	M EPA 8015	9/20/2006

Sample : **E19-14.5**

Matrix : Soil

Lab Number : 52247-34

Sample Date :9/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/19/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	93.2		% Recovery	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	95.6		% Recovery	EPA 8260B	9/19/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/19/2006
1-Chlorooctadecane (Silica Gel Surr)	98.2		% Recovery	M EPA 8015	9/19/2006

Approved By:

Joel Kiff

Report Number : 52247

Date : 9/26/2006

QC Report : Method Blank DataProject Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/18/2006
Octacosane (Diesel Silica Gel Surr)	97.6		%	M EPA 8015	9/18/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/19/2006
1-Chlorooctadecane (Silica Gel Surr)	87.5		%	M EPA 8015	9/19/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/26/2006
1-Chlorooctadecane (Silica Gel Surr)	81.0		%	M EPA 8015	9/26/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/25/2006
1-Chlorooctadecane (Silica Gel Surr)	73.7		%	M EPA 8015	9/25/2006
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/18/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/18/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/18/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/18/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/18/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/18/2006
Toluene - d8 (Surr)	98.6		%	EPA 8260B	9/18/2006
4-Bromofluorobenzene (Surr)	98.5		%	EPA 8260B	9/18/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/18/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/18/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/18/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/18/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/18/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/18/2006
Toluene - d8 (Surr)	99.1		%	EPA 8260B	9/18/2006
4-Bromofluorobenzene (Surr)	99.5		%	EPA 8260B	9/18/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/18/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/18/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/18/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/18/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/18/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/18/2006
Toluene - d8 (Surr)	93.9		%	EPA 8260B	9/18/2006
4-Bromofluorobenzene (Surr)	95.8		%	EPA 8260B	9/18/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/19/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/19/2006
Toluene - d8 (Surr)	97.5		%	EPA 8260B	9/19/2006
4-Bromofluorobenzene (Surr)	96.8		%	EPA 8260B	9/19/2006

Approved By: Joel Kiff

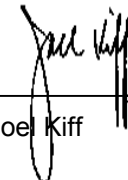
KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	Blank	<50	1000	1000	906	883	ug/L	M EPA 8015	9/18/06	90.6	88.3	2.62	70-130	25
TPH as Diesel	52247-34	<1.0	20.0	20.0	18.1	18.3	mg/Kg	M EPA 8015	9/19/06	90.6	91.3	0.722	60-140	25
TPH as Diesel	52183-13	<1.0	20.0	20.0	18.1	19.0	mg/Kg	M EPA 8015	9/25/06	90.6	94.8	4.52	60-140	25
TPH as Diesel	52351-37	1.5	20.0	20.0	18.8	17.5	mg/Kg	M EPA 8015	9/26/06	87.8	81.6	7.30	60-140	25
Benzene	52238-02	<0.0050	0.0398	0.0396	0.0357	0.0358	mg/Kg	EPA 8260B	9/18/06	89.6	90.4	0.891	70-130	25
Toluene	52238-02	<0.0050	0.0398	0.0396	0.0359	0.0359	mg/Kg	EPA 8260B	9/18/06	90.0	90.7	0.764	70-130	25
Tert-Butanol	52238-02	<0.0050	0.199	0.198	0.156	0.160	mg/Kg	EPA 8260B	9/18/06	78.3	80.9	3.34	70-130	25
Methyl-t-Butyl Ether	52238-02	<0.0050	0.0398	0.0396	0.0297	0.0295	mg/Kg	EPA 8260B	9/18/06	74.6	74.4	0.234	70-130	25
Benzene	52183-38	<0.0050	0.0365	0.0378	0.0370	0.0386	mg/Kg	EPA 8260B	9/19/06	101	102	0.740	70-130	25
Toluene	52183-38	<0.0050	0.0365	0.0378	0.0354	0.0373	mg/Kg	EPA 8260B	9/19/06	97.1	98.6	1.58	70-130	25
Tert-Butanol	52183-38	<0.0050	0.182	0.189	0.168	0.184	mg/Kg	EPA 8260B	9/19/06	92.1	97.5	5.70	70-130	25
Methyl-t-Butyl Ether	52183-38	<0.0050	0.0365	0.0378	0.0365	0.0377	mg/Kg	EPA 8260B	9/19/06	100	99.8	0.239	70-130	25
Benzene	52236-10	<0.50	39.9	40.0	39.1	38.6	ug/L	EPA 8260B	9/18/06	98.0	96.6	1.43	70-130	25
Toluene	52236-10	<0.50	39.9	40.0	37.4	37.3	ug/L	EPA 8260B	9/18/06	93.6	93.2	0.413	70-130	25
Tert-Butanol	52236-10	<5.0	200	200	180	179	ug/L	EPA 8260B	9/18/06	90.4	89.6	0.822	70-130	25
Methyl-t-Butyl Ether	52236-10	1.0	39.9	40.0	39.0	38.2	ug/L	EPA 8260B	9/18/06	95.1	92.9	2.29	70-130	25

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 52247

Date : 9/26/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **SL-Oakland**

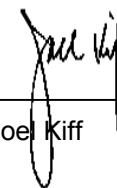
Project Number : **TMSLOAK3.3**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	52247-03	<0.50	40.0	40.0	38.8	39.5	ug/L	EPA 8260B	9/19/06	97.0	98.7	1.67	70-130	25
Toluene	52247-03	<0.50	40.0	40.0	39.0	39.6	ug/L	EPA 8260B	9/19/06	97.5	98.9	1.44	70-130	25
Tert-Butanol	52247-03	<5.0	200	200	198	191	ug/L	EPA 8260B	9/19/06	98.8	95.4	3.49	70-130	25
Methyl-t-Butyl Ether	52247-03	<0.50	40.0	40.0	37.2	39.0	ug/L	EPA 8260B	9/19/06	93.0	97.4	4.63	70-130	25

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By: Joel Kiff



QC Report : Laboratory Control Sample (LCS)Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Diesel	20.0	mg/Kg	M EPA 8015	9/19/06	87.9	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	9/21/06	80.3	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	9/25/06	75.7	70-130
Benzene	0.0371	mg/Kg	EPA 8260B	9/18/06	100	70-130
Toluene	0.0371	mg/Kg	EPA 8260B	9/18/06	99.9	70-130
Tert-Butanol	0.186	mg/Kg	EPA 8260B	9/18/06	88.4	70-130
Methyl-t-Butyl Ether	0.0371	mg/Kg	EPA 8260B	9/18/06	89.5	70-130
Benzene	0.0376	mg/Kg	EPA 8260B	9/18/06	100	70-130
Toluene	0.0376	mg/Kg	EPA 8260B	9/18/06	98.2	70-130
Tert-Butanol	0.188	mg/Kg	EPA 8260B	9/18/06	95.5	70-130
Methyl-t-Butyl Ether	0.0376	mg/Kg	EPA 8260B	9/18/06	98.4	70-130
Benzene	40.0	ug/L	EPA 8260B	9/18/06	98.1	70-130
Toluene	40.0	ug/L	EPA 8260B	9/18/06	95.0	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/18/06	101	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/18/06	92.7	70-130

KIFF ANALYTICAL, LLC

Approved By:

Joel Kiff

Report Number : 52247

Date : 9/26/2006

QC Report : Laboratory Control Sample (LCS)

Project Name : **SL-Oakland**

Project Number : **TMSLOAK3.3**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	9/19/06	105	70-130
Toluene	40.0	ug/L	EPA 8260B	9/19/06	104	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/19/06	94.9	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/19/06	88.4	70-130

KIFF ANALYTICAL, LLC

Approved By:

Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 52247

Page 1 of 4

Project Contact (Hardcopy or PDF To): Paul Anderson California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236 Sampling Company Log Code:

Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #: EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland Sampler Signature: Dave R. Pen

Project Address: 955 Kennedy Street, Oakland, California

Sample Designation	Date	Time	Sampling				Container				Preservative			Matrix		
			40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None	Water	Soil	Air			
E1	9/15/06	1205	6					X			X					
E2		1330	6					X			X					
E7		1030	6					X			X					
E13		0840	6					X			X					
E14		1550	6					X			X					
E19		1500	7					X			X					
E1-4.5		1108		X					X		X					
E1-8		1111		X					X		X					
E1-11.5		1115		X					X		X					
E1-16		1120		X					X		X					

Relinquished by: Dave R. Pen Date: Time: Received by:

Relinquished by: Date: Time: Received by:

Relinquished by: Date: 091806 Time: 1137 Received by: Ron M. Lee KIFF Analytical

Chain-of-Custody Record and Analysis Request

Analysis Request															TAT
MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)		☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk
X	X	X	X						X						01
X	X	X	X						X						02
X	X	X	X						X						03
X	X	X	X						X						04
X	X	X	X						X						05
X	X	X	X						X						06
X	X	X	X						X						07
X	X	X	X						X						08
X	X	X	X						X						09
X	X	X	X						X						10

Remarks: #8 hours TAT for diesel specified
Copy analytical data to: eticlabreports@eticeng.com (Tom Neely)

8 samples are on 24-hr turn-around time
Bill to: For Gas/BTEX/MTBE

For Lab Use Only: Sample Receipt					
Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
3.8	RLM	091806	1400	1R-5	☒ Yes ☐ No

Temp °C 1.6 Therm. ID # 1R-5
Initial RLM Date 091806
Time 1400 Coolant present: ☒ Yes / No

cooler #1 with water samples
cooler #2 with soil samples



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 52247

Page 2 of 4

Project Contact (Hardcopy or PDF To): Paul Anderson California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236 Sampling Company Log Code:

Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #: EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland Sampler Signature: *David R. Pen*

Project Address: 955 Kennedy Street, Oakland, California

Project Address: 955 Kennedy Street, Oakland, California		Sampling		Container				Preservative			Matrix			Analysis Request														TAT	For Lab Use Only						
Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar		HCl	HNO ₃	None		Water	Soil	Air	MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 8010)	W.E.T. Lead (STLC)			☐ 48hr	☐ 72 hr	☒ 1 wk	
E1-20	9/15/06	1125		X							X			X			X	X	X							X									11
E1-24		1137		X							X			X																		X			12
E2-4.5		1249		X							X			X																	X				13
E2-8		1254		X							X			X			X	X	X							X									14
E2-12		1259		X							X			X			X	X	X							X									15
E2-16		1304		X							X			X			X	X	X							X									16
E2-20		1311		X							X			X																	X				17
E2-25		1317		X							X			X																X					18
E7-3.5		0919		X							X			X			X	X	X							X									19
E7-8		0925		X							X			X			X	X	X							X									20

Relinquished by: *David R. Pen* Date: Time: Received by:

Relinquished by: Date: Time: Received by:

Relinquished by: Date: 091806 Time: 1137 Received by Laboratory: *Rozmarie Kiff Analytical*

Remarks: Copy analytical data to: eticlabreports@eticeng.com (Tom Neely)

For Lab Use Only: Sample Receipt					
Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

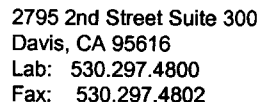


2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 52247

Page 3 of 4

Project Contact (Hardcopy or PDF To): Paul Anderson		California EDF Report? ☒ Yes ☐ No		Chain-of-Custody Record and Analysis Request																											
Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236		Sampling Company Log Code:		Analysis Request																TAT											
Phone #: (618) 281-1543		Fax #: (618) 281-7020		Global ID: T0600177342																		☐ 12 hr									
Project #: TMSLOAK3.3		P.O. #:		EDF Deliverable To (Email Address): panderson@pscnow.com																		☐ 24 hr									
Project Name: SL-Oakland		Sampler Signature: <i>Dawid Pen</i>																		☐ 48hr											
Project Address: 955 Kennedy Street, Oakland, California		Sampling		Container		Preservative		Matrix																		☐ 72 hr					
Sample Designation		Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None	Water	Soil	Air	MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	HOLD	☒ 1 wk	For Lab Use Only
E7-12	9/15/06	0930		X							X		X			X	X												X		21
E7-16		0935		X							X		X																X		22
E7-20		0944		X							X		X																X		23
E7-26.5		0957		X							X		X																X		24
E13-5		0808		X							X		X			X	X	X							X				X		25
E13-8		0814		X							X		X																X		26
E13-12		0819		X							X		X																X		27
E13-18.5		0825		X							X		X																X		28
E14-4.5		1532		X							X		X			X	X	X						X					X		29
E14-8		1537		X							X		X			X	X	X						X					X		30
Relinquished by: <i>Dawid Pen</i>		Date	Time	Received by:		Remarks: 48 hr TAT for diesel specific Copy analytical data to: eticlabreports@eticeng.com (Tom Neely) Note 3 samples above for Gas/BTEX/MTBE Bill to: 24 hr TAT																									
Relinquished by:		Date	Time	Received by:		For Lab Use Only: Sample Receipt																									
Relinquished by:		Date	Time	Received by Laboratory: <i>K. F. Analytical</i>		Temp °C Initials Date Time Therm. ID # Coolant Present																									
		091806	1137			Yes / No																									



SRG # / Lab No. 52247

Page 4 of 4

[illegible]



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 52247

Page 3 of 4

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236
Sampling Company Log Code:

Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #: EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland Sampler Signature: *David Pen*

Project Address: 955 Kennedy Street, Oakland, California

Sample Designation	Date	Time	Sampling				Container				Preservative			Matrix		
			40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None	Water	Soil	Air	Water	Soil	Air
E7-12	9/15/06	0930	X	X						X		X				
E7-16		0935	X	X						X		X				
E7-20		0944	X	X						X		X				
E7-26.5		0957	X	X						X		X				
E13-5		0808	X	X						X		X				
E13-8		0814	X	X						X		X				
E13-12		0819	X	X						X		X				
E13-18.5		0825	X	X						X		X				
E14-4.5		1532	X	X						X		X				
E14-8		1537	X	X						X		X				

Relinquished by: *David Pen* Date: Time: Received by:

Relinquished by: Date: Time: Received by:

Relinquished by: Date: 09/18/06 Time: 1137 Received by: *Roninchee* K.I.F.A. Analytical

Chain-of-Custody Record and Analysis Request

Analysis Request															TAT
MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 824.2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 8010)	WET Lead (STLC)	HOLD	☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk
X	X	X							X					X	21
									X					X	22
									X					X	23
									X					X	24
	X	X	X						X					X	25
									X					X	26
									X					X	27
									X					X	28
	X	X	X						X					X	29
X	X	X							X					X	30

Remarks: 48 hr TAT for diesel specific
Copy analytical data to: eticlabreports@eticeng.com (Tom Neely)

Note 3 samples above for Gas/BTEX/MTBE
Bill to: 24 hr TAT

For Lab Use Only: Sample Receipt
Temp °C Initials Date Time Therm. ID # Coolant Present
Yes / No



Report Number : 52351

Date : 10/11/2006

Paul Anderson
Philip Services Corp
210 W Sand Bank Road
Columbia, IL 62236

Subject : 24 Soil Samples and 8 Water Samples
Project Name : SL-Oakland
Project Number : TMSLOAK3.3

Dear Mr. Anderson,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff", is written over a printed name label.

Joel Kiff

Subject : 24 Soil Samples and 8 Water Samples
Project Name : SL-Oakland
Project Number : TMSLOAK3.3

Case Narrative

Hydrocarbons reported as TPH as Gasoline do not exhibit a typical Gasoline chromatographic pattern for samples E09-28-W and E10-32-W.

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for samples E17, E9-20, E26-4, E17 8, E17-19, and E26-19. These hydrocarbons are higher boiling than typical diesel fuel.

Hydrocarbons reported as TPH as Motor Oil do not exhibit a typical Motor Oil chromatographic pattern for samples E26-11, E26-13 and E29-12. These hydrocarbons are lower boiling than typical Motor Oil.

Approved By: _____



Joel Kiff



Report Number : 52351

Date : 10/11/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E09-10-W**

Matrix : Water

Lab Number : 52351-01

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/25/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/25/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/25/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/25/2006
Methyl-t-butyl ether (MTBE)	7.5	0.50	ug/L	EPA 8260B	9/25/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/25/2006
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	9/25/2006
4-Bromofluorobenzene (Surr)	99.1		% Recovery	EPA 8260B	9/25/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/28/2006
Octacosane (Diesel Silica Gel Surr)	75.6		% Recovery	M EPA 8015	9/28/2006

Sample : **E09-28-W**

Matrix : Water

Lab Number : 52351-02

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
TPH as Gasoline	94	50	ug/L	EPA 8260B	9/27/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	9/27/2006
4-Bromofluorobenzene (Surr)	94.7		% Recovery	EPA 8260B	9/27/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/29/2006
Octacosane (Diesel Silica Gel Surr)	80.4		% Recovery	M EPA 8015	9/29/2006

Approved By:

Joel Kiff



Report Number : 52351

Date : 10/11/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E10-32-W**

Matrix : Water

Lab Number : 52351-03

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
TPH as Gasoline	94	50	ug/L	EPA 8260B	9/26/2006
Toluene - d8 (Surr)	96.2		% Recovery	EPA 8260B	9/26/2006
4-Bromofluorobenzene (Surr)	99.8		% Recovery	EPA 8260B	9/26/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/28/2006
Octacosane (Diesel Silica Gel Surr)	76.4		% Recovery	M EPA 8015	9/28/2006

Sample : **E15**

Matrix : Water

Lab Number : 52351-04

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Methyl-t-butyl ether (MTBE)	15	0.50	ug/L	EPA 8260B	9/26/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/26/2006
Toluene - d8 (Surr)	97.7		% Recovery	EPA 8260B	9/26/2006
4-Bromofluorobenzene (Surr)	99.7		% Recovery	EPA 8260B	9/26/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/29/2006
Octacosane (Diesel Silica Gel Surr)	79.8		% Recovery	M EPA 8015	9/29/2006

Approved By:

Joel Kiff



Report Number : 52351

Date : 10/11/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E17**

Matrix : Water

Lab Number : 52351-05

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/26/2006
Toluene - d8 (Surr)	96.1		% Recovery	EPA 8260B	9/26/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	9/26/2006
TPH as Diesel (Silica Gel)	120	50	ug/L	M EPA 8015	9/29/2006
Octacosane (Diesel Silica Gel Surr)	81.0		% Recovery	M EPA 8015	9/29/2006

Sample : **E22**

Matrix : Water

Lab Number : 52351-06

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Methyl-t-butyl ether (MTBE)	7.1	0.50	ug/L	EPA 8260B	9/28/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/28/2006
Toluene - d8 (Surr)	98.0		% Recovery	EPA 8260B	9/28/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	9/28/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/29/2006
Octacosane (Diesel Silica Gel Surr)	83.8		% Recovery	M EPA 8015	9/29/2006

Approved By:

Joel Kiff



Report Number : 52351

Date : 10/11/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E26**

Matrix : Water

Lab Number : 52351-07

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/26/2006
Toluene - d8 (Surr)	97.2		% Recovery	EPA 8260B	9/26/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	9/26/2006
TPH as Diesel (Silica Gel)	1900	50	ug/L	M EPA 8015	9/29/2006
Octacosane (Diesel Silica Gel Surr)	82.6		% Recovery	M EPA 8015	9/29/2006

Sample : **E29**

Matrix : Water

Lab Number : 52351-08

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Total Xylenes	1.4	0.50	ug/L	EPA 8260B	9/26/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
TPH as Gasoline	290	50	ug/L	EPA 8260B	9/26/2006
Toluene - d8 (Surr)	97.0		% Recovery	EPA 8260B	9/26/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	9/26/2006
TPH as Diesel (Silica Gel)	3500000	2500	ug/L	M EPA 8015	9/29/2006
Octacosane (Diesel Silica Gel Surr)	Diluted Out		% Recovery	M EPA 8015	9/29/2006

Approved By:

Joel Kiff



Report Number : 52351

Date : 10/11/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E9-20**

Matrix : Soil

Lab Number : 52351-09

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/23/2006
Toluene - d8 (Surr)	99.4		% Recovery	EPA 8260B	9/23/2006
4-Bromofluorobenzene (Surr)	94.4		% Recovery	EPA 8260B	9/23/2006
TPH as Diesel (Silica Gel)	1.3	1.0	mg/Kg	M EPA 8015	9/29/2006
1-Chlorooctadecane (Silica Gel Surr)	99.8		% Recovery	M EPA 8015	9/29/2006

Sample : **E9-24**

Matrix : Soil

Lab Number : 52351-10

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/23/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	9/23/2006
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	9/23/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/26/2006
1-Chlorooctadecane (Silica Gel Surr)	77.2		% Recovery	M EPA 8015	9/26/2006

Approved By:

Joel Kiff



Report Number : 52351

Date : 10/11/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E9-28**

Matrix : Soil

Lab Number : 52351-11

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/23/2006
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	9/23/2006
4-Bromofluorobenzene (Surr)	97.6		% Recovery	EPA 8260B	9/23/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/26/2006
1-Chlorooctadecane (Silica Gel Surr)	74.7		% Recovery	M EPA 8015	9/26/2006

Sample : **E10-16**

Matrix : Soil

Lab Number : 52351-12

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/23/2006
Toluene - d8 (Surr)	95.9		% Recovery	EPA 8260B	9/23/2006
4-Bromofluorobenzene (Surr)	93.2		% Recovery	EPA 8260B	9/23/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/26/2006
1-Chlorooctadecane (Silica Gel Surr)	80.2		% Recovery	M EPA 8015	9/26/2006

Approved By:

Joel Kiff



Report Number : 52351

Date : 10/11/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E10-20**

Matrix : Soil

Lab Number : 52351-13

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/23/2006
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	9/23/2006
4-Bromofluorobenzene (Surr)	94.8		% Recovery	EPA 8260B	9/23/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/26/2006
1-Chlorooctadecane (Silica Gel Surr)	87.1		% Recovery	M EPA 8015	9/26/2006

Sample : **E10-24**

Matrix : Soil

Lab Number : 52351-14

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/23/2006
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	9/23/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	9/23/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/26/2006
1-Chlorooctadecane (Silica Gel Surr)	83.6		% Recovery	M EPA 8015	9/26/2006

Approved By:

Joel Kiff



Report Number : 52351

Date : 10/11/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E10-27.5**

Matrix : Soil

Lab Number : 52351-15

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/23/2006
Toluene - d8 (Surr)	96.7		% Recovery	EPA 8260B	9/23/2006
4-Bromofluorobenzene (Surr)	93.5		% Recovery	EPA 8260B	9/23/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/27/2006
1-Chlorooctadecane (Silica Gel Surr)	83.1		% Recovery	M EPA 8015	9/27/2006

Sample : **E10-32**

Matrix : Soil

Lab Number : 52351-16

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/25/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	9/25/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	9/25/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/27/2006
1-Chlorooctadecane (Silica Gel Surr)	79.2		% Recovery	M EPA 8015	9/27/2006

Approved By:

Joel Kiff



Report Number : 52351

Date : 10/11/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E15-4**

Matrix : Soil

Lab Number : 52351-17

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/25/2006
Toluene - d8 (Surr)	96.0		% Recovery	EPA 8260B	9/25/2006
4-Bromofluorobenzene (Surr)	93.3		% Recovery	EPA 8260B	9/25/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/28/2006
1-Chlorooctadecane (Silica Gel Surr)	91.7		% Recovery	M EPA 8015	9/28/2006

Sample : **E15-8.5**

Matrix : Soil

Lab Number : 52351-18

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/25/2006
Toluene - d8 (Surr)	95.2		% Recovery	EPA 8260B	9/25/2006
4-Bromofluorobenzene (Surr)	94.5		% Recovery	EPA 8260B	9/25/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/28/2006
1-Chlorooctadecane (Silica Gel Surr)	84.9		% Recovery	M EPA 8015	9/28/2006

Approved By:

Joel Kiff



Report Number : 52351

Date : 10/11/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E15-12**

Matrix : Soil

Lab Number : 52351-19

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/25/2006
Toluene - d8 (Surr)	96.2		% Recovery	EPA 8260B	9/25/2006
4-Bromofluorobenzene (Surr)	95.9		% Recovery	EPA 8260B	9/25/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/28/2006
1-Chlorooctadecane (Silica Gel Surr)	85.7		% Recovery	M EPA 8015	9/28/2006

Sample : **E15-19**

Matrix : Soil

Lab Number : 52351-20

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/25/2006
Toluene - d8 (Surr)	95.1		% Recovery	EPA 8260B	9/25/2006
4-Bromofluorobenzene (Surr)	96.2		% Recovery	EPA 8260B	9/25/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/28/2006
1-Chlorooctadecane (Silica Gel Surr)	87.9		% Recovery	M EPA 8015	9/28/2006

Approved By:

Joel Kiff



Report Number : 52351

Date : 10/11/2006

Project Name : **SL-Oakland**

Project Number : **TMSLOAK3.3**

Sample : **E17 8**

Matrix : Soil

Lab Number : 52351-22

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	1.6	1.0	mg/Kg	M EPA 8015	10/5/2006
1-Chlorooctadecane (Silica Gel Surr)	94.7		% Recovery	M EPA 8015	10/5/2006

Sample : **E17-12**

Matrix : Soil

Lab Number : 52351-23

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	10/5/2006
1-Chlorooctadecane (Silica Gel Surr)	91.7		% Recovery	M EPA 8015	10/5/2006

Sample : **E17-19**

Matrix : Soil

Lab Number : 52351-24

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	1.5	1.0	mg/Kg	M EPA 8015	10/5/2006
1-Chlorooctadecane (Silica Gel Surr)	99.8		% Recovery	M EPA 8015	10/5/2006

Approved By:

Joel Kiff



Report Number : 52351

Date : 10/11/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E26-4**

Matrix : Soil

Lab Number : 52351-29

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/23/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	9/23/2006
4-Bromofluorobenzene (Surr)	95.2		% Recovery	EPA 8260B	9/23/2006
TPH as Diesel (Silica Gel)	4.1	1.0	mg/Kg	M EPA 8015	9/28/2006
TPH as Motor Oil (Silica Gel)	< 10	10	mg/Kg	M EPA 8015	9/28/2006
1-Chlorooctadecane (Silica Gel Surr)	91.8		% Recovery	M EPA 8015	9/28/2006

Sample : **E26-11**

Matrix : Soil

Lab Number : 52351-30

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
TPH as Gasoline	1.2	1.0	mg/Kg	EPA 8260B	9/23/2006
Toluene - d8 (Surr)	99.9		% Recovery	EPA 8260B	9/23/2006
4-Bromofluorobenzene (Surr)	97.9		% Recovery	EPA 8260B	9/23/2006
TPH as Diesel (Silica Gel)	470	2.0	mg/Kg	M EPA 8015	9/28/2006
TPH as Motor Oil (Silica Gel)	22	20	mg/Kg	M EPA 8015	9/28/2006
1-Chlorooctadecane (Silica Gel Surr)	113		% Recovery	M EPA 8015	9/28/2006

Approved By:

Joel Kiff



Report Number : 52351

Date : 10/11/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E26-13**

Matrix : Soil

Lab Number : 52351-31

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
TPH as Gasoline	5.2	1.0	mg/Kg	EPA 8260B	9/25/2006
Toluene - d8 (Surr)	98.3		% Recovery	EPA 8260B	9/25/2006
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	9/25/2006
TPH as Diesel (Silica Gel)	260	1.0	mg/Kg	M EPA 8015	9/29/2006
TPH as Motor Oil (Silica Gel)	28	10	mg/Kg	M EPA 8015	9/29/2006
1-Chlorooctadecane (Silica Gel Surr)	87.8		% Recovery	M EPA 8015	9/29/2006

Sample : **E26-19**

Matrix : Soil

Lab Number : 52351-32

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/23/2006
Toluene - d8 (Surr)	99.3		% Recovery	EPA 8260B	9/23/2006
4-Bromofluorobenzene (Surr)	97.5		% Recovery	EPA 8260B	9/23/2006
TPH as Diesel (Silica Gel)	1.2	1.0	mg/Kg	M EPA 8015	9/29/2006
TPH as Motor Oil (Silica Gel)	< 10	10	mg/Kg	M EPA 8015	9/29/2006
1-Chlorooctadecane (Silica Gel Surr)	84.5		% Recovery	M EPA 8015	9/29/2006

Approved By:

Joel Kiff



Report Number : 52351

Date : 10/11/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E29-4**

Matrix : Soil

Lab Number : 52351-33

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
TPH as Gasoline	31	5.0	mg/Kg	EPA 8260B	9/25/2006
Toluene - d8 (Surr)	99.4		% Recovery	EPA 8260B	9/23/2006
4-Bromofluorobenzene (Surr)	82.3		% Recovery	EPA 8260B	9/23/2006
TPH as Diesel (Silica Gel)	3100	2.0	mg/Kg	M EPA 8015	9/29/2006
TPH as Motor Oil (Silica Gel)	< 20	20	mg/Kg	M EPA 8015	9/29/2006
1-Chlorooctadecane (Silica Gel Surr)	108		% Recovery	M EPA 8015	9/29/2006

Sample : **E29-8**

Matrix : Soil

Lab Number : 52351-34

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
TPH as Gasoline	140	5.0	mg/Kg	EPA 8260B	9/25/2006
Toluene - d8 (Surr)	106		% Recovery	EPA 8260B	9/23/2006
4-Bromofluorobenzene (Surr)	86.8		% Recovery	EPA 8260B	9/23/2006
TPH as Diesel (Silica Gel)	3800	2.0	mg/Kg	M EPA 8015	9/29/2006
TPH as Motor Oil (Silica Gel)	< 20	20	mg/Kg	M EPA 8015	9/29/2006
1-Chlorooctadecane (Silica Gel Surr)	81.5		% Recovery	M EPA 8015	9/29/2006

Approved By:

Joel Kiff



Report Number : 52351

Date : 10/11/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E29-12**

Matrix : Soil

Lab Number : 52351-35

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
TPH as Gasoline	4.7	1.0	mg/Kg	EPA 8260B	9/23/2006
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	9/23/2006
4-Bromofluorobenzene (Surr)	92.8		% Recovery	EPA 8260B	9/23/2006
TPH as Diesel (Silica Gel)	590	1.0	mg/Kg	M EPA 8015	9/29/2006
TPH as Motor Oil (Silica Gel)	17	10	mg/Kg	M EPA 8015	9/29/2006
1-Chlorooctadecane (Silica Gel Surr)	125		% Recovery	M EPA 8015	9/29/2006

Sample : **E29-14**

Matrix : Soil

Lab Number : 52351-36

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
TPH as Gasoline	6.9	1.0	mg/Kg	EPA 8260B	9/23/2006
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	9/23/2006
4-Bromofluorobenzene (Surr)	98.8		% Recovery	EPA 8260B	9/23/2006
TPH as Diesel (Silica Gel)	200	1.0	mg/Kg	M EPA 8015	9/29/2006
TPH as Motor Oil (Silica Gel)	< 10	10	mg/Kg	M EPA 8015	9/29/2006
1-Chlorooctadecane (Silica Gel Surr)	99.0		% Recovery	M EPA 8015	9/29/2006

Approved By:

Joel Kiff



Report Number : 52351

Date : 10/11/2006

Project Name : **SL-Oakland**

Project Number : **TMSLOAK3.3**

Sample : **E29-16**

Matrix : Soil

Lab Number : 52351-37

Sample Date :9/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/25/2006
Toluene - d8 (Surr)	96.5		% Recovery	EPA 8260B	9/25/2006
4-Bromofluorobenzene (Surr)	95.6		% Recovery	EPA 8260B	9/25/2006
TPH as Diesel (Silica Gel)	1.5	1.0	mg/Kg	M EPA 8015	9/25/2006
TPH as Motor Oil (Silica Gel)	< 10	10	mg/Kg	M EPA 8015	9/25/2006
1-Chlorooctadecane (Silica Gel Surr)	79.1		% Recovery	M EPA 8015	9/25/2006

Approved By:

Joel Kiff

Report Number : 52351

Date : 10/11/2006

QC Report : Method Blank DataProject Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/25/2006
TPH as Motor Oil (Silica Gel)	< 10	10	mg/Kg	M EPA 8015	9/25/2006
1-Chlorooctadecane (Silica Gel Surr)	73.7		%	M EPA 8015	9/25/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/26/2006
TPH as Motor Oil (Silica Gel)	< 10	10	mg/Kg	M EPA 8015	9/26/2006
1-Chlorooctadecane (Silica Gel Surr)	74.4		%	M EPA 8015	9/26/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/28/2006
Octacosane (Diesel Silica Gel Surr)	79.4		%	M EPA 8015	9/28/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/27/2006
1-Chlorooctadecane (Silica Gel Surr)	84.2		%	M EPA 8015	9/27/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/27/2006
Octacosane (Diesel Silica Gel Surr)	83.0		%	M EPA 8015	9/27/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	10/4/2006
1-Chlorooctadecane (Silica Gel Surr)	78.3		%	M EPA 8015	10/4/2006
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/23/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/23/2006
Toluene - d8 (Surr)	98.7		%	EPA 8260B	9/23/2006
4-Bromofluorobenzene (Surr)	103		%	EPA 8260B	9/23/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/25/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	9/25/2006
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	9/25/2006
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/25/2006
Toluene - d8 (Surr)	101		%	EPA 8260B	9/25/2006
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	9/25/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/25/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/25/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/25/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/25/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/25/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/25/2006
Toluene - d8 (Surr)	97.7		%	EPA 8260B	9/25/2006
4-Bromofluorobenzene (Surr)	101		%	EPA 8260B	9/25/2006

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 52351

Date : 10/11/2006

QC Report : Method Blank Data

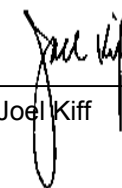
Project Name : **SL-Oakland**

Project Number : **TMSLOAK3.3**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/28/2006
Toluene - d8 (Surr)	98.1		%	EPA 8260B	9/28/2006
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	9/28/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/26/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/26/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	9/26/2006
4-Bromofluorobenzene (Surr)	97.7		%	EPA 8260B	9/26/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/25/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/25/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/25/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/25/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/25/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/25/2006
Toluene - d8 (Surr)	98.1		%	EPA 8260B	9/25/2006
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	9/25/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
-----------	----------------	------------------------	-------	-----------------	---------------

Approved By: Joel Kiff



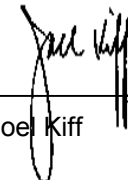
KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	52351-37	1.5	20.0	20.0	19.2	17.7	mg/Kg	M EPA 8015	9/26/06	89.4	82.4	8.19	60-140	25
TPH as Diesel	52351-30	470	20.0	20.0	467	558	mg/Kg	M EPA 8015	9/28/06	95.1	114	17.8	60-140	25
TPH as Diesel	Blank	<50	1000	1000	885	814	ug/L	M EPA 8015	9/28/06	88.5	81.4	8.39	70-130	25
TPH as Diesel	52382-03	<1.0	20.0	20.0	24.6	24.4	mg/Kg	M EPA 8015	9/27/06	123	122	0.753	60-140	25
TPH as Diesel	Blank	<50	1000	1000	825	859	ug/L	M EPA 8015	9/27/06	82.5	85.9	3.99	70-130	25
TPH as Diesel	52513-03	2100	20.0	20.0	1540	1740	mg/Kg	M EPA 8015	10/5/06	72.4	82.0	12.4	60-140	25
Benzene	52351-14	<0.0050	0.0388	0.0384	0.0358	0.0351	mg/Kg	EPA 8260B	9/23/06	92.3	91.5	0.821	70-130	25
Toluene	52351-14	<0.0050	0.0388	0.0384	0.0358	0.0352	mg/Kg	EPA 8260B	9/23/06	92.3	91.6	0.799	70-130	25
Tert-Butanol	52351-14	<0.0050	0.194	0.192	0.163	0.161	mg/Kg	EPA 8260B	9/23/06	84.1	84.0	0.220	70-130	25
Methyl-t-Butyl Ether	52351-14	<0.0050	0.0388	0.0384	0.0353	0.0342	mg/Kg	EPA 8260B	9/23/06	91.1	89.2	2.16	70-130	25
Benzene	52340-04	<0.0050	0.0400	0.0397	0.0374	0.0372	mg/Kg	EPA 8260B	9/25/06	93.5	93.8	0.375	70-130	25
Toluene	52340-04	<0.0050	0.0400	0.0397	0.0384	0.0374	mg/Kg	EPA 8260B	9/25/06	96.0	94.2	1.84	70-130	25
Tert-Butanol	52340-04	<0.0050	0.200	0.198	0.162	0.162	mg/Kg	EPA 8260B	9/25/06	81.0	81.5	0.578	70-130	25
Methyl-t-Butyl Ether	52340-04	<0.0050	0.0400	0.0397	0.0314	0.0315	mg/Kg	EPA 8260B	9/25/06	78.6	79.4	1.07	70-130	25

Approved By:  Joel Kiff

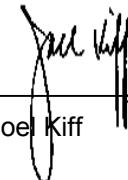
KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	52351-16	<0.0050	0.0395	0.0394	0.0357	0.0357	mg/Kg	EPA 8260B	9/25/06	90.4	90.4	0.0691	70-130	25
Toluene	52351-16	<0.0050	0.0395	0.0394	0.0366	0.0366	mg/Kg	EPA 8260B	9/25/06	92.6	92.9	0.283	70-130	25
Tert-Butanol	52351-16	<0.0050	0.198	0.197	0.170	0.166	mg/Kg	EPA 8260B	9/25/06	85.8	84.3	1.72	70-130	25
Methyl-t-Butyl Ether	52351-16	<0.0050	0.0395	0.0394	0.0325	0.0315	mg/Kg	EPA 8260B	9/25/06	82.3	79.8	3.16	70-130	25
Benzene	52353-01	1.0	40.0	40.0	42.8	42.0	ug/L	EPA 8260B	9/25/06	104	102	1.97	70-130	25
Toluene	52353-01	<0.50	40.0	40.0	40.3	39.5	ug/L	EPA 8260B	9/25/06	101	98.9	1.92	70-130	25
Tert-Butanol	52353-01	<5.0	200	200	215	210	ug/L	EPA 8260B	9/25/06	108	105	2.60	70-130	25
Methyl-t-Butyl Ether	52353-01	480	40.0	40.0	524	521	ug/L	EPA 8260B	9/25/06	119	110	7.93	70-130	25
Benzene	52460-02	1.0	40.0	40.0	37.8	36.1	ug/L	EPA 8260B	9/28/06	91.8	87.7	4.61	70-130	25
Toluene	52460-02	3.3	40.0	40.0	39.8	38.2	ug/L	EPA 8260B	9/28/06	91.1	87.2	4.37	70-130	25
Tert-Butanol	52460-02	<5.0	200	200	170	177	ug/L	EPA 8260B	9/28/06	85.2	88.4	3.64	70-130	25
Methyl-t-Butyl Ether	52460-02	<0.50	40.0	40.0	48.1	47.9	ug/L	EPA 8260B	9/28/06	120	120	0.385	70-130	25
Benzene	52390-03	<0.50	40.0	40.0	38.3	39.1	ug/L	EPA 8260B	9/26/06	95.7	97.8	2.10	70-130	25
Toluene	52390-03	<0.50	40.0	40.0	38.0	38.5	ug/L	EPA 8260B	9/26/06	95.0	96.3	1.34	70-130	25
Tert-Butanol	52390-03	<5.0	200	200	196	204	ug/L	EPA 8260B	9/26/06	97.9	102	4.23	70-130	25
Methyl-t-Butyl Ether	52390-03	<0.50	40.0	40.0	39.0	40.2	ug/L	EPA 8260B	9/26/06	97.5	100	2.92	70-130	25
Benzene	52378-05	0.71	40.0	40.0	37.6	35.8	ug/L	EPA 8260B	9/25/06	92.2	87.7	5.06	70-130	25
Toluene	52378-05	<0.50	40.0	40.0	35.5	34.0	ug/L	EPA 8260B	9/25/06	88.8	85.0	4.36	70-130	25
Tert-Butanol	52378-05	<5.0	200	200	177	176	ug/L	EPA 8260B	9/25/06	88.7	88.2	0.560	70-130	25

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 52351

Date : 10/11/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **SL-Oakland**

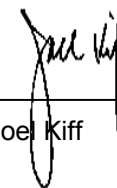
Project Number : **TMSLOAK3.3**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Methyl-t-Butyl Ether	52378-05	<0.50	40.0	40.0	36.0	35.8	ug/L	EPA 8260B	9/25/06	90.1	89.4	0.756	70-130	25

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By: Joel Kiff



QC Report : Laboratory Control Sample (LCS)Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Diesel	20.0	mg/Kg	M EPA 8015	9/25/06	79.3	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	9/26/06	78.2	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	9/27/06	88.0	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	10/4/06	80.7	70-130
Benzene	0.0398	mg/Kg	EPA 8260B	9/23/06	91.7	70-130
Toluene	0.0398	mg/Kg	EPA 8260B	9/23/06	92.4	70-130
Tert-Butanol	0.199	mg/Kg	EPA 8260B	9/23/06	84.8	70-130
Methyl-t-Butyl Ether	0.0398	mg/Kg	EPA 8260B	9/23/06	89.0	70-130
Benzene	0.0398	mg/Kg	EPA 8260B	9/25/06	96.6	70-130
Toluene	0.0398	mg/Kg	EPA 8260B	9/25/06	97.5	70-130
Tert-Butanol	0.199	mg/Kg	EPA 8260B	9/25/06	85.6	70-130
Methyl-t-Butyl Ether	0.0398	mg/Kg	EPA 8260B	9/25/06	78.1	70-130
Benzene	0.0400	mg/Kg	EPA 8260B	9/25/06	93.0	70-130
Toluene	0.0400	mg/Kg	EPA 8260B	9/25/06	94.2	70-130
Tert-Butanol	0.200	mg/Kg	EPA 8260B	9/25/06	88.7	70-130

KIFF ANALYTICAL, LLC

Approved By:

Joel Kiff

QC Report : Laboratory Control Sample (LCS)Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Methyl-t-Butyl Ether	0.0400	mg/Kg	EPA 8260B	9/25/06	76.8	70-130
Benzene	40.0	ug/L	EPA 8260B	9/25/06	104	70-130
Toluene	40.0	ug/L	EPA 8260B	9/25/06	99.5	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/25/06	101	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/25/06	111	70-130
Benzene	40.0	ug/L	EPA 8260B	9/28/06	97.2	70-130
Toluene	40.0	ug/L	EPA 8260B	9/28/06	94.9	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/28/06	96.4	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/28/06	116	70-130
Benzene	40.0	ug/L	EPA 8260B	9/26/06	93.8	70-130
Toluene	40.0	ug/L	EPA 8260B	9/26/06	92.7	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/26/06	95.6	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/26/06	96.1	70-130
Benzene	40.0	ug/L	EPA 8260B	9/25/06	92.2	70-130
Toluene	40.0	ug/L	EPA 8260B	9/25/06	90.0	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/25/06	88.1	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/25/06	88.1	70-130

KIFF ANALYTICAL, LLC

Approved By:

Joel Kiff

2 cooler
for
soil samples



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No.

52351

Page 2 of 4

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236
Sampling Company Log Code:

Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #: EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland Sampler Signature: *David R. Paul*

Project Address: 955 Kennedy Street, Oakland, California

Sampling Container Preservative Matrix

40 ml VOA Sleeve Poly Glass Tedlar HCl HNO₃ None Water Soil Air

Sample Designation Date Time

E9-28 9/21/06 0840

E10-16 1035

E10-20 1040

E10-24 1050

E10-27.5 1100

E10-32 1110

E15-4 1238

E15-8.5 1243

E15-12 1248

E15-19 1300

Relinquished by: *David R. Paul* Date Time Received by:

Relinquished by: Date Time Received by:

Relinquished by: Date Time Received by Laboratory:

092206 1151 *Ron McSee* Kiff Analytical

Chain-of-Custody Record and Analysis Request

Analysis Request

MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	TAT
☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☐ 12 hr
☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☐ 24 hr
☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☐ 48hr
☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☐ 72 hr
☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒ 1 wk

For Lab Use Only

11
12
13
14
15
16
17
18
19
20

Remarks:

Copy analytical data to: eticlabreports@eticeng.com
(Tom Neely)

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 52351

Page 3 of 4

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236
Sampling Company Log Code:

Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #:
EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland Sampler Signature: *[Signature]*

Project Address: 955 Kennedy Street, Oakland, California

Project Address: 955 Kennedy Street, Oakland, California		Sampling		Container				Preservative			Matrix			Analysis Request												For Lab Use Only																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None	Water	Soil	Air	MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup		TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Sample Designation		9/21/06	1655	X						X		X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

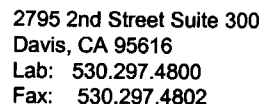
Relinquished by: <i>[Signature]</i>	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:

0922061157 *[Signature]* Kiff Analytical

Remarks:
Copy analytical data to: eticlabreports@eticeng.com (Tom Neely)

Bill to:

For Lab Use Only: Sample Receipt					
Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No



SRG # / Lab No. 52351

Page 4 of 4

[illegible]



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No.

52351

Page

1 of 4

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236

Sampling Company Log Code:

Phone #: (618) 281-1543

Fax #: (618) 281-7020

Global ID: T0600177342

Project #: TMSLOAK3.3

P.O. #:

EDF Deliverable To (Email Address):

panderson@pscnow.com

Project Name: SL-Oakland

Sampler Signature: *David R Pen*

Project Address: 955 Kennedy Street, Oakland, California

Sampling

Container

Preservative

Matrix

Sample Designation

Date

Time

40 ml VOA

Sleeve

Poly

Glass

Tedlar

HCl

HNO₃

None

Water

Soil

Air

MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb

MTBE (EPA 8260B) @ 0.5 ppb

3TEX (EPA 8260B)

TPH Gas (EPA 8260B)

5 Oxygenates (EPA 8260B)

7 Oxygenates (EPA 8260B)

Lead Scav (1,2 DCA & 1,2 EDB-EPA 8260B)

Volatile Halocarbons (EPA 8260B)

Volatile Organics Full List (EPA 8260B)

Volatile Organics (EPA 824.2 Drinking Water)

TPH-Diesel (EPA 8015M) w/silica gel cleanup

TPH as Motor Oil (EPA 8015M)

Total Lead (EPA 6010)

W.E.T. Lead (STLC)

TAT

☐ 12 hr

☐ 24 hr

☐ 48hr

☐ 72 hr

☒ 1 wk

For Lab Use Only

Relinquished by:

Date

Time

Received by:

Relinquished by:

Date

Time

Received by:

Relinquished by:

Date

Time

Received by Laboratory:

Remarks:

Copy analytical data to: eticlabreports@eticeng.com
(Tom Neely)

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
4.2	RLM	092206	1357	1R-5	☒ No

SAMPLE RECEIPT

Temp °C 2.0 Therm. ID# 1R-5

Initial RLM Date 092206

Time 1357 Coolant present: ☒ No

#1 cooler for water samples
#2 cooler for soil samples

Distribution: White - Lab; Pink - Originator
Rev: 051805



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No.

52351

Page 3 of 4

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236
Sampling Company Log Code:

Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #: EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland Sampler Signature: *[Signature]*

Project Address: 955 Kennedy Street, Oakland, California

Chain-of-Custody Record and Analysis Request

Analysis Request

TAT

☐ 12 hr

☐ 24 hr

☐ 48hr

☐ 72 hr

☒ 1 wk

For Lab Use Only

Sample Designation	Date	Time	Sampling				Container				Preservative			Matrix		
			40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None	Water	Soil	Air	Water	Soil	Air
E17-4	9/21/06	1655	X							X				X		
E17-8		1657	X													
E17-12		1701														
E17-19		1710														
E22-4		1555														
E22-8.5		1600														
E22-12		1605														
E22-15		1610														
E26-4	✓	1352														
E26-11	✓	1355	✓													

MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb

MTBE (EPA 8260B) @ 0.5 ppb

BTEX (EPA 8260B)

TPH Gas (EPA 8260B)

5 Oxygenates (EPA 8260B)

7 Oxygenates (EPA 8260B)

Lead Scav (1.2 DCA & 1.2 EDB-EPA 8260B)

Volatile Halocarbons (EPA 8260B)

Volatile Organics Full List (EPA 8260B)

Volatile Organics (EPA 524.2 Drinking Water)

TPH-Diesel (EPA 8015M) w/silica gel cleanup

TPH as Motor Oil (EPA 8015M) *[Signature]*

Total Lead (EPA 6010)

WET Lead (STLC)

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

Relinquished by: *[Signature]* Date: Time: Received by:

Relinquished by: Date: Time: Received by:

Relinquished by: Date: Time: Received by Laboratory: *[Signature]* KIFF Analytical

Remarks:

Copy analytical data to: eticlabreports@eticeng.com (Tom Neely)

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 52351

Page 4 of 4

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236
Sampling Company Log Code:

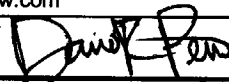
Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #:
EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland Sampler Signature: *Daniel Pen*

Project Address: 955 Kennedy Street, Oakland, California

Chain-of-Custody Record and Analysis Request

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236			Sampling Company Log Code:										Analysis Request										TAT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Phone #: (618) 281-1543		Fax #: (618)281-7020		Global ID: T0600177342										EDF Deliverable To (Email Address): panderson@pscnow.com										12 hr																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Project #: TMSLOAK3.3		P.O. #:		Sampler Signature: 										TPH as Motor Oil (EPA 8015M) w/silica gel										24 hr																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Project Name: SL-Oakland				Project Address: 955 Kennedy Street, Oakland, California										Total Lead (EPA 6010)										48hr																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Sample Designation				Sampling DateTime		Container				Preservative			Matrix			Analysis Request										For Lab Use Only																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
						40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None	Water	Soil	Air	MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)			Volatile Organics (EPA 524.2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M) w/silica gel	W.E.T. Lead (STLC)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
E26-13				9/2/061400		X						X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

Relinquished by: <i>Daniel Pen</i>	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:

092206 1151 *Ron M. See* KIFF Analytical

Remarks:
Copy analytical data to: eticlabreports@eticeng.com
(Tom Neely)

Bill to:

For Lab Use Only: Sample Receipt					
Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No



Report Number : 52393

Date : 9/29/2006

Paul Anderson
Philip Services Corp
210 W Sand Bank Road
Columbia, IL 62236

Subject : 11 Soil Samples and 6 Water Samples
Project Name : SL-Oakland
Project Number : TMSLOAK3.3

Dear Mr. Anderson,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff", is written over a printed name label.

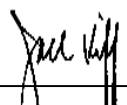
Joel Kiff

Subject : 11 Soil Samples and 6 Water Samples
Project Name : SL-Oakland
Project Number : TMSLOAK3.3

Case Narrative

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for samples E3-4, E3-8, E23-8, E23-12, E24-4, E24-8.5, and E24-15. These hydrocarbons are higher boiling than typical diesel fuel.

Approved By: _____


Joel Kiff



Report Number : 52393

Date : 9/29/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E3**

Matrix : Water

Lab Number : 52393-01

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Methyl-t-butyl ether (MTBE)	6.1	0.50	ug/L	EPA 8260B	9/28/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/28/2006
Toluene - d8 (Surr)	98.8		% Recovery	EPA 8260B	9/28/2006
4-Bromofluorobenzene (Surr)	97.7		% Recovery	EPA 8260B	9/28/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/29/2006
Octacosane (Diesel Silica Gel Surr)	81.4		% Recovery	M EPA 8015	9/29/2006

Sample : **E18**

Matrix : Water

Lab Number : 52393-02

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Methyl-t-butyl ether (MTBE)	3.3	0.50	ug/L	EPA 8260B	9/28/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/28/2006
Toluene - d8 (Surr)	99.4		% Recovery	EPA 8260B	9/28/2006
4-Bromofluorobenzene (Surr)	95.1		% Recovery	EPA 8260B	9/28/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/29/2006
Octacosane (Diesel Silica Gel Surr)	79.6		% Recovery	M EPA 8015	9/29/2006

Approved By:


Joel Kiff



Report Number : 52393

Date : 9/29/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E20**

Matrix : Water

Lab Number : 52393-03

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/28/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	9/28/2006
4-Bromofluorobenzene (Surr)	93.4		% Recovery	EPA 8260B	9/28/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/28/2006
Octacosane (Diesel Silica Gel Surr)	79.0		% Recovery	M EPA 8015	9/28/2006

Sample : **E21**

Matrix : Water

Lab Number : 52393-04

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/29/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/29/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/29/2006
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	9/29/2006
4-Bromofluorobenzene (Surr)	92.8		% Recovery	EPA 8260B	9/29/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/28/2006
Octacosane (Diesel Silica Gel Surr)	77.4		% Recovery	M EPA 8015	9/28/2006

Approved By:

Joel Kiff



Report Number : 52393

Date : 9/29/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E23**

Matrix : Water

Lab Number : 52393-05

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/28/2006
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	9/28/2006
4-Bromofluorobenzene (Surr)	93.0		% Recovery	EPA 8260B	9/28/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/28/2006
Octacosane (Diesel Silica Gel Surr)	77.0		% Recovery	M EPA 8015	9/28/2006

Sample : **E24**

Matrix : Water

Lab Number : 52393-06

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/29/2006
Methyl-t-butyl ether (MTBE)	0.69	0.50	ug/L	EPA 8260B	9/29/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/29/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	9/29/2006
4-Bromofluorobenzene (Surr)	92.2		% Recovery	EPA 8260B	9/29/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/28/2006
Octacosane (Diesel Silica Gel Surr)	79.4		% Recovery	M EPA 8015	9/28/2006

Approved By:

Joel Kiff



Report Number : 52393

Date : 9/29/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E3-4**

Matrix : Soil

Lab Number : 52393-07

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/27/2006
Toluene - d8 (Surr)	97.1		% Recovery	EPA 8260B	9/27/2006
4-Bromofluorobenzene (Surr)	93.7		% Recovery	EPA 8260B	9/27/2006
TPH as Diesel (Silica Gel)	1.8	1.0	mg/Kg	M EPA 8015	9/28/2006
1-Chlorooctadecane (Silica Gel Surr)	87.6		% Recovery	M EPA 8015	9/28/2006

Sample : **E3-8**

Matrix : Soil

Lab Number : 52393-08

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/27/2006
Toluene - d8 (Surr)	98.0		% Recovery	EPA 8260B	9/27/2006
4-Bromofluorobenzene (Surr)	93.4		% Recovery	EPA 8260B	9/27/2006
TPH as Diesel (Silica Gel)	1.0	1.0	mg/Kg	M EPA 8015	9/28/2006
1-Chlorooctadecane (Silica Gel Surr)	88.5		% Recovery	M EPA 8015	9/28/2006

Approved By:

Joel Kiff



Report Number : 52393

Date : 9/29/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E3-12**

Matrix : Soil

Lab Number : 52393-09

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/27/2006
Toluene - d8 (Surr)	96.6		% Recovery	EPA 8260B	9/27/2006
4-Bromofluorobenzene (Surr)	92.3		% Recovery	EPA 8260B	9/27/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/28/2006
1-Chlorooctadecane (Silica Gel Surr)	85.1		% Recovery	M EPA 8015	9/28/2006

Sample : **E3-16**

Matrix : Soil

Lab Number : 52393-10

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/27/2006
Toluene - d8 (Surr)	96.8		% Recovery	EPA 8260B	9/27/2006
4-Bromofluorobenzene (Surr)	92.9		% Recovery	EPA 8260B	9/27/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/28/2006
1-Chlorooctadecane (Silica Gel Surr)	87.7		% Recovery	M EPA 8015	9/28/2006

Approved By:


Joel Kiff



Report Number : 52393

Date : 9/29/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E3-20**

Matrix : Soil

Lab Number : 52393-11

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/27/2006
Toluene - d8 (Surr)	98.3		% Recovery	EPA 8260B	9/27/2006
4-Bromofluorobenzene (Surr)	93.0		% Recovery	EPA 8260B	9/27/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/28/2006
1-Chlorooctadecane (Silica Gel Surr)	87.3		% Recovery	M EPA 8015	9/28/2006

Sample : **E23-8**

Matrix : Soil

Lab Number : 52393-26

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/27/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	9/27/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	9/27/2006
TPH as Diesel (Silica Gel)	3.6	1.0	mg/Kg	M EPA 8015	9/28/2006
1-Chlorooctadecane (Silica Gel Surr)	89.7		% Recovery	M EPA 8015	9/28/2006

Approved By:

Joel Kiff



Report Number : 52393

Date : 9/29/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E23-12**

Matrix : Soil

Lab Number : 52393-27

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/27/2006
Toluene - d8 (Surr)	98.4		% Recovery	EPA 8260B	9/27/2006
4-Bromofluorobenzene (Surr)	93.5		% Recovery	EPA 8260B	9/27/2006
TPH as Diesel (Silica Gel)	1.1	1.0	mg/Kg	M EPA 8015	9/28/2006
1-Chlorooctadecane (Silica Gel Surr)	89.6		% Recovery	M EPA 8015	9/28/2006

Sample : **E23-16**

Matrix : Soil

Lab Number : 52393-28

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/27/2006
Toluene - d8 (Surr)	98.0		% Recovery	EPA 8260B	9/27/2006
4-Bromofluorobenzene (Surr)	92.7		% Recovery	EPA 8260B	9/27/2006
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/28/2006
1-Chlorooctadecane (Silica Gel Surr)	88.0		% Recovery	M EPA 8015	9/28/2006

Approved By:

Joel Kiff



Report Number : 52393

Date : 9/29/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **E24-4**

Matrix : Soil

Lab Number : 52393-31

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/27/2006
Toluene - d8 (Surr)	98.4		% Recovery	EPA 8260B	9/27/2006
4-Bromofluorobenzene (Surr)	93.1		% Recovery	EPA 8260B	9/27/2006
TPH as Diesel (Silica Gel)	1.5	1.0	mg/Kg	M EPA 8015	9/27/2006
1-Chlorooctadecane (Silica Gel Surr)	89.2		% Recovery	M EPA 8015	9/27/2006

Sample : **E24-8.5**

Matrix : Soil

Lab Number : 52393-32

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/27/2006
Toluene - d8 (Surr)	97.3		% Recovery	EPA 8260B	9/27/2006
4-Bromofluorobenzene (Surr)	92.1		% Recovery	EPA 8260B	9/27/2006
TPH as Diesel (Silica Gel)	1.1	1.0	mg/Kg	M EPA 8015	9/27/2006
1-Chlorooctadecane (Silica Gel Surr)	90.1		% Recovery	M EPA 8015	9/27/2006

Approved By:

Joel Kiff



Report Number : 52393

Date : 9/29/2006

Project Name : **SL-Oakland**

Project Number : **TMSLOAK3.3**

Sample : **E24-15**

Matrix : Soil

Lab Number : 52393-33

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/27/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/27/2006
Toluene - d8 (Surr)	97.7		% Recovery	EPA 8260B	9/27/2006
4-Bromofluorobenzene (Surr)	91.5		% Recovery	EPA 8260B	9/27/2006
TPH as Diesel (Silica Gel)	1.6	1.0	mg/Kg	M EPA 8015	9/28/2006
1-Chlorooctadecane (Silica Gel Surr)	85.1		% Recovery	M EPA 8015	9/28/2006

Approved By:

Joel Kiff

Report Number : 52393

Date : 9/29/2006

QC Report : Method Blank DataProject Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/27/2006
1-Chlorooctadecane (Silica Gel Surr)	77.1		%	M EPA 8015	9/27/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/28/2006
Octacosane (Diesel Silica Gel Surr)	82.6		%	M EPA 8015	9/28/2006
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/26/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/26/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/26/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/26/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/26/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/26/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	9/26/2006
4-Bromofluorobenzene (Surr)	99.1		%	EPA 8260B	9/26/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/28/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	9/28/2006
4-Bromofluorobenzene (Surr)	98.7		%	EPA 8260B	9/28/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/27/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	9/27/2006
4-Bromofluorobenzene (Surr)	94.0		%	EPA 8260B	9/27/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/27/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	9/27/2006
4-Bromofluorobenzene (Surr)	92.9		%	EPA 8260B	9/27/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/29/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/29/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/29/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/29/2006
Toluene - d8 (Surr)	104		%	EPA 8260B	9/29/2006
4-Bromofluorobenzene (Surr)	92.7		%	EPA 8260B	9/29/2006

Approved By: Joel Kiff

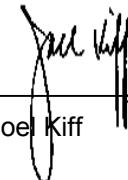
KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	52410-04	<1.0	20.0	20.0	16.3	15.2	mg/Kg	M EPA 8015	9/27/06	81.4	76.1	6.70	60-140	25
TPH as Diesel	Blank	<50	1000	1000	853	798	ug/L	M EPA 8015	9/28/06	85.3	79.8	6.64	70-130	25
Benzene	52410-01	<0.0050	0.0391	0.0395	0.0387	0.0379	mg/Kg	EPA 8260B	9/26/06	99.0	96.0	3.06	70-130	25
Toluene	52410-01	<0.0050	0.0391	0.0395	0.0393	0.0388	mg/Kg	EPA 8260B	9/26/06	101	98.0	2.67	70-130	25
Tert-Butanol	52410-01	<0.0050	0.195	0.198	0.196	0.183	mg/Kg	EPA 8260B	9/26/06	100	92.4	8.24	70-130	25
Methyl-t-Butyl Ether	52410-01	<0.0050	0.0391	0.0395	0.0346	0.0336	mg/Kg	EPA 8260B	9/26/06	88.5	84.9	4.19	70-130	25
Benzene	52433-03	<0.50	37.6	37.3	39.3	39.0	ug/L	EPA 8260B	9/28/06	104	104	0.119	70-130	25
Toluene	52433-03	<0.50	37.6	37.3	39.3	39.2	ug/L	EPA 8260B	9/28/06	104	105	0.466	70-130	25
Tert-Butanol	52433-03	11	188	186	193	204	ug/L	EPA 8260B	9/28/06	96.8	103	6.63	70-130	25
Methyl-t-Butyl Ether	52433-03	25	37.6	37.3	64.9	58.0	ug/L	EPA 8260B	9/28/06	107	89.3	18.1	70-130	25
Benzene	52440-07	<0.50	40.0	40.0	44.2	43.8	ug/L	EPA 8260B	9/27/06	110	109	0.904	70-130	25
Toluene	52440-07	<0.50	40.0	40.0	43.6	42.3	ug/L	EPA 8260B	9/27/06	109	106	2.99	70-130	25
Tert-Butanol	52440-07	<5.0	200	200	210	214	ug/L	EPA 8260B	9/27/06	105	107	1.81	70-130	25
Methyl-t-Butyl Ether	52440-07	4.5	40.0	40.0	53.0	52.7	ug/L	EPA 8260B	9/27/06	121	120	0.574	70-130	25
Benzene	52440-05	<0.50	40.0	40.0	43.8	42.1	ug/L	EPA 8260B	9/27/06	109	105	3.85	70-130	25
Toluene	52440-05	<0.50	40.0	40.0	43.0	41.2	ug/L	EPA 8260B	9/27/06	108	103	4.27	70-130	25
Tert-Butanol	52440-05	<5.0	200	200	196	200	ug/L	EPA 8260B	9/27/06	97.8	100	2.37	70-130	25

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 52393

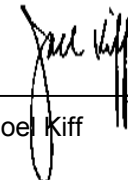
Date : 9/29/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **SL-Oakland**

Project Number : **TMSLOAK3.3**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Methyl-t-Butyl Ether	52440-05	<0.50	40.0	40.0	44.1	43.1	ug/L	EPA 8260B	9/27/06	110	108	2.15	70-130	25
Benzene	52482-01	<0.50	40.0	40.0	38.0	36.9	ug/L	EPA 8260B	9/29/06	95.1	92.4	2.92	70-130	25
Toluene	52482-01	<0.50	40.0	40.0	39.6	39.3	ug/L	EPA 8260B	9/29/06	99.1	98.2	0.963	70-130	25
Tert-Butanol	52482-01	180	200	200	369	366	ug/L	EPA 8260B	9/29/06	95.0	93.6	1.52	70-130	25
Methyl-t-Butyl Ether	52482-01	6.4	40.0	40.0	45.0	41.3	ug/L	EPA 8260B	9/29/06	96.5	87.4	9.92	70-130	25

Approved By:  _____
Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

QC Report : Laboratory Control Sample (LCS)Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Diesel	20.0	mg/Kg	M EPA 8015	9/27/06	79.0	70-130
Benzene	0.0386	mg/Kg	EPA 8260B	9/26/06	97.4	70-130
Toluene	0.0386	mg/Kg	EPA 8260B	9/26/06	98.8	70-130
Tert-Butanol	0.193	mg/Kg	EPA 8260B	9/26/06	91.6	70-130
Methyl-t-Butyl Ether	0.0386	mg/Kg	EPA 8260B	9/26/06	85.2	70-130
Benzene	40.0	ug/L	EPA 8260B	9/28/06	103	70-130
Toluene	40.0	ug/L	EPA 8260B	9/28/06	103	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/28/06	102	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/28/06	91.4	70-130
Benzene	40.0	ug/L	EPA 8260B	9/27/06	111	70-130
Toluene	40.0	ug/L	EPA 8260B	9/27/06	110	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/27/06	107	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/27/06	104	70-130
Benzene	40.0	ug/L	EPA 8260B	9/27/06	107	70-130
Toluene	40.0	ug/L	EPA 8260B	9/27/06	107	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/27/06	96.4	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/27/06	96.5	70-130

KIFF ANALYTICAL, LLC

Approved By:

Joel Kiff

Report Number : 52393

Date : 9/29/2006

QC Report : Laboratory Control Sample (LCS)

Project Name : **SL-Oakland**

Project Number : **TMSLOAK3.3**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	9/29/06	91.8	70-130
Toluene	40.0	ug/L	EPA 8260B	9/29/06	93.5	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/29/06	92.0	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/29/06	90.6	70-130

KIFF ANALYTICAL, LLC

Approved By:

Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 52393

Page 1 of 4

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236
Sampling Company Log Code:

Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #: EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland Sampler Signature: *Daniel Pen*

Project Address: 955 Kennedy Street, Oakland, California

Project Address: 955 Kennedy Street, Oakland, California		Sampling		Container				Preservative			Matrix			Analysis Request														TAT	For Lab Use Only																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None		Water	Soil	Air	MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 824.2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									</

Relinquished by: *Daniel Pen* Date: Time: Received by: _____
Relinquished by: _____ Date: Time: Received by: _____
Relinquished by: _____ Date: 092506 Time: 1253 Received by: *Ron McSee* KIFF Analytical

Remarks: Copy analytical data to: eticlabreports@eticeng.com (Tom Neely)

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
1.8	RLM	092506	1810	1R-5	(Yes) / No

SAMPLE RECEIPT

Temp °C 2.8 Therm. ID # 1R-5
Initial RLM Date 092506
Time 1810 Coolant present: (Yes) / No

cooler #1 with soil samples

cooler #2 with water samples



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 52393

Page 2 of 4

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No
Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236
Sampling Company Log Code:
Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342
Project #: TMSLOAK3.3 P.O. #:
EDF Deliverable To (Email Address): panderson@pscnow.com
Project Name: SL-Oakland
Sampler Signature: *[Signature]*

Project Address: 955 Kennedy Street, Oakland, California

Sample Designation	Date	Time	Sampling				Container			Preservative			Matrix		
			40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None	Water	Soil	Air		
E3-20	9/22/06	1339	X						X		X				
E3-24	1	1343													
E3-27	1	1352													
E18-4		0929													
E18-8.5		0932													
E18-15		0937													
E20-4		1022													
E20-8.5		1025													
E20-12	✓	1031													
E20-16		1039													

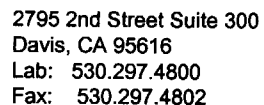
Chain-of-Custody Record and Analysis Request															TAT
MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 824.2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	<i>HOLD</i>	☐ 12 hr
															☐ 24 hr
															☐ 48hr
															☐ 72 hr
															☒ 1 wk

Relinquished by: <i>[Signature]</i>	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	092506	1253	<i>[Signature]</i> KIFF Analytical

Remarks:
Copy analytical data to: eticlabreports@eticeng.com (Tom Neely)

Bill to:

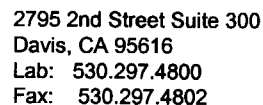
For Lab Use Only: Sample Receipt					
Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No



52393

Page 3 of 4

Distribution: White - Lab; Pink - Originator
Rev: 051805



Page 4 of 4

Distribution: White - Lab; Pink - Originator
Rev: 051805



Report Number : 52394

Date : 10/2/2006

Paul Anderson
Philip Services Corp
210 W Sand Bank Road
Columbia, IL 62236

Subject : 1 Soil Sample and 1 Water Sample
Project Name : SL-Oakland
Project Number : TMSLOAK3.3

Dear Mr. Anderson,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff", is written over the printed name.

Joel Kiff

Subject : 1 Soil Sample and 1 Water Sample
Project Name : SL-Oakland
Project Number : TMSLOAK3.3

Case Narrative

Matrix Spike/Matrix Spike Duplicate Results associated with sample DRUM 1,2,3,4 for the analyte Toluene were outside of control limits. This may indicate a bias for the sample that was spiked. Since the LCS recoveries were within control limits, no data are flagged.

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for sample DRUM 1,2,3,4. These hydrocarbons are higher boiling than typical diesel fuel.

Approved By: _____


Joel Kiff



Report Number : 52394

Date : 10/2/2006

Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**Sample : **DRUM 1,2,3,4**

Matrix : Soil

Lab Number : 52394-01

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/26/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/26/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/26/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/26/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/26/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/26/2006
Toluene - d8 (Surr)	97.4		% Recovery	EPA 8260B	9/26/2006
4-Bromofluorobenzene (Surr)	94.8		% Recovery	EPA 8260B	9/26/2006
TPH as Diesel (Silica Gel)	8.9	1.0	mg/Kg	M EPA 8015	9/29/2006
TPH as Motor Oil (Silica Gel)	26	10	mg/Kg	M EPA 8015	9/29/2006
1-Chlorooctadecane (Silica Gel Surr)	81.9		% Recovery	M EPA 8015	9/29/2006

Sample : **DW**

Matrix : Water

Lab Number : 52394-02

Sample Date :9/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/28/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/28/2006
Toluene - d8 (Surr)	99.2		% Recovery	EPA 8260B	9/28/2006
4-Bromofluorobenzene (Surr)	99.1		% Recovery	EPA 8260B	9/28/2006
TPH as Diesel (Silica Gel)	2600	50	ug/L	M EPA 8015	9/29/2006
TPH as Motor Oil (w/ Silica Gel)	< 100	100	ug/L	M EPA 8015	9/29/2006
Octacosane (Diesel Silica Gel Surr)	77.6		% Recovery	M EPA 8015	9/29/2006

Approved By:

Joel Kiff

Report Number : 52394

Date : 10/2/2006

QC Report : Method Blank Data

Project Name : **SL-Oakland**

Project Number : **TMSLOAK3.3**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	9/27/2006
TPH as Motor Oil (Silica Gel)	< 10	10	mg/Kg	M EPA 8015	9/27/2006
1-Chlorooctadecane (Silica Gel Surr)	84.2		%	M EPA 8015	9/27/2006
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/27/2006
TPH as Motor Oil (w/ Silica Gel)	< 100	100	ug/L	M EPA 8015	9/27/2006
Octacosane (Diesel Silica Gel Surr)	83.0		%	M EPA 8015	9/27/2006
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	9/25/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	9/25/2006
Toluene - d8 (Surr)	101		%	EPA 8260B	9/25/2006
4-Bromofluorobenzene (Surr)	98.0		%	EPA 8260B	9/25/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/27/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/27/2006
Toluene - d8 (Surr)	99.9		%	EPA 8260B	9/27/2006
4-Bromofluorobenzene (Surr)	98.5		%	EPA 8260B	9/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
-----------	----------------	------------------------	-------	-----------------	---------------

Approved By:  Joel Kiff

QC Report : Matrix Spike/ Matrix Spike DuplicateProject Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	52382-03	<1.0	20.0	20.0	24.6	24.4	mg/Kg	M EPA 8015	9/27/06	123	122	0.753	60-140	25
TPH as Diesel	Blank	<50	1000	1000	825	859	ug/L	M EPA 8015	9/27/06	82.5	85.9	3.99	70-130	25
Benzene	52382-01	<0.0050	0.0391	0.0390	0.0303	0.0332	mg/Kg	EPA 8260B	9/26/06	77.4	85.2	9.59	70-130	25
Toluene	52382-01	<0.0050	0.0391	0.0390	0.0214	0.0261	mg/Kg	EPA 8260B	9/26/06	54.6	66.9	20.4	70-130	25
Tert-Butanol	52382-01	<0.0050	0.196	0.195	0.176	0.166	mg/Kg	EPA 8260B	9/26/06	89.8	85.4	5.02	70-130	25
Methyl-t-Butyl Ether	52382-01	<0.0050	0.0391	0.0390	0.0317	0.0300	mg/Kg	EPA 8260B	9/26/06	80.9	77.1	4.81	70-130	25
Benzene	52440-09	<0.50	40.0	39.5	42.3	42.0	ug/L	EPA 8260B	9/28/06	106	106	0.407	70-130	25
Toluene	52440-09	<0.50	40.0	39.5	42.5	42.2	ug/L	EPA 8260B	9/28/06	106	107	0.469	70-130	25
Tert-Butanol	52440-09	<5.0	200	198	203	203	ug/L	EPA 8260B	9/28/06	101	103	1.39	70-130	25
Methyl-t-Butyl Ether	52440-09	3.2	40.0	39.5	40.3	39.4	ug/L	EPA 8260B	9/28/06	92.7	91.6	1.20	70-130	25

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

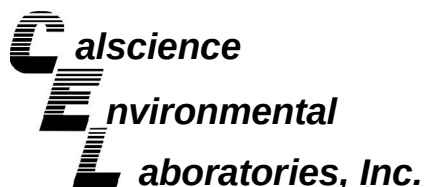
QC Report : Laboratory Control Sample (LCS)Project Name : **SL-Oakland**Project Number : **TMSLOAK3.3**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Diesel	20.0	mg/Kg	M EPA 8015	9/27/06	88.0	70-130
Benzene	0.0388	mg/Kg	EPA 8260B	9/25/06	93.5	70-130
Toluene	0.0388	mg/Kg	EPA 8260B	9/25/06	96.0	70-130
Tert-Butanol	0.194	mg/Kg	EPA 8260B	9/25/06	86.8	70-130
Methyl-t-Butyl Ether	0.0388	mg/Kg	EPA 8260B	9/25/06	83.7	70-130
Benzene	40.0	ug/L	EPA 8260B	9/27/06	105	70-130
Toluene	40.0	ug/L	EPA 8260B	9/27/06	106	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/27/06	98.1	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/27/06	92.7	70-130

KIFF ANALYTICAL, LLC

Approved By:

Joel Kiff



October 02, 2006

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 06-09-1438**
Client Reference: **SL-Oakland**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 9/27/2006 and analyzed in accordance with the attached chain-of-custody.

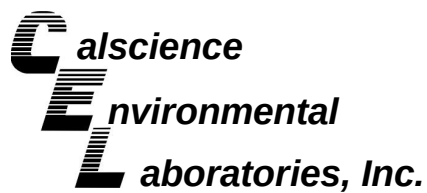
Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows 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,

A handwritten signature in black ink, appearing to read 'S. Nowak', is written over a horizontal line.

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager



Analytical Report



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 09/27/06
Work Order No: 06-09-1438
Preparation: EPA 3050B
Method: EPA 6010B

Project: SL-Oakland

Page 1 of 1

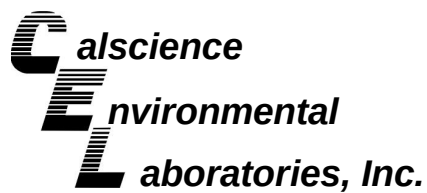
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
DRUM 1,2,3,4	06-09-1438-1	09/22/06	Solid	09/27/06	09/28/06	060927L03

Parameter	Result	RL	DF	Qual	Units
Lead	9.95	0.50	1		mg/kg

Method Blank	097-01-002-8,201	N/A	Solid	09/27/06	09/27/06	060927L03
--------------	------------------	-----	-------	----------	----------	-----------

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

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



Analytical Report



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 09/27/06
Work Order No: 06-09-1438
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: SL-Oakland

Page 1 of 1

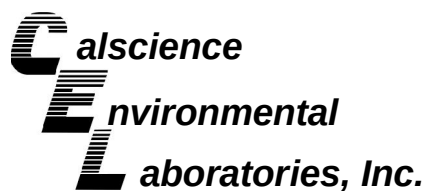
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
DW	06-09-1438-2	09/22/06	Aqueous	09/27/06	09/28/06	060927L06

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

Method Blank	097-01-003-6,498	N/A	Aqueous	09/27/06	09/28/06	060927L06
--------------	------------------	-----	---------	----------	----------	-----------

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

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



Quality Control - Spike/Spike Duplicate



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

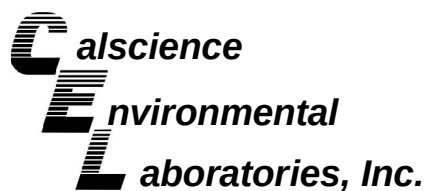
Date Received: 09/27/06
Work Order No: 06-09-1438
Preparation: EPA 3050B
Method: EPA 6010B

Project SL-Oakland

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-09-1432-1	Solid	ICP 3300	09/27/06	09/27/06	060927S03

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	106	121	75-125	8	0-20	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

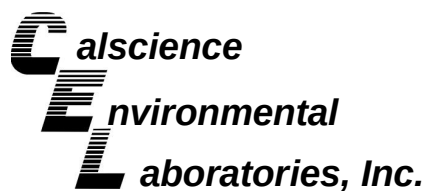
Date Received: 09/27/06
Work Order No: 06-09-1438
Preparation: EPA 3005A Filt.
Method: EPA 6010B

Project SL-Oakland

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-09-1427-2	Aqueous	ICP 3300	09/27/06	09/28/06	060927S06

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	110	106	84-120	4	0-7	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

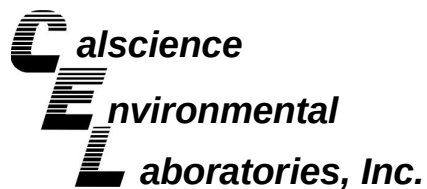
Date Received: N/A
Work Order No: 06-09-1438
Preparation: EPA 3050B
Method: EPA 6010B

Project: SL-Oakland

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-8,201	Solid	ICP 3300	09/27/06	09/27/06	060927L03

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	110	100	80-120	9	0-20	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: N/A
Work Order No: 06-09-1438
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: SL-Oakland

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-6,498	Aqueous	ICP 3300	09/27/06	09/28/06	060927L06

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	106	107	80-120	1	0-20	

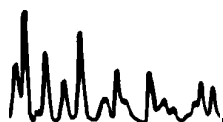
RPD - Relative Percent Difference , CL - Control Limit

Glossary of Terms and Qualifiers



Work Order Number: 06-09-1438

<u>Qualifier</u>	<u>Definition</u>
*	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 or Matrix Spike Duplicate 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.
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.





2795 Second Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Cal Science Environmental
7440 Lincoln Way
Garden Grove, CA 92841
714-895-5494

Lab No.

1438

Page 1 of 1

Project Contact (Hardcopy or PDF to):

Erin Gates

EDF Report? ☒ Yes ☐ No

Chain-of-Custody Record and Analysis Request

Company/Address:

Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Sampling Company Log Code: ETIC

Phone No.:

FAX No.:

Global ID:

T0600177342

Project Number:

TMSLOAK3.3

P.O. No.:

52394

EDF Deliverable to (Email Address):

inbox@kiffanalytical.com

Project Name:

SL-Oakland

E-mail address:

inbox@kiffanalytical.com

Project Address:

Sampling

Container

Preservative

Matrix

Sample
Designation

Date

Time

VOA

Poly

Sleeve

Amber

Glass Jar

HNO3

H2SO4

Na2S2O3

ZnAc2 & NaOH

NONE

WATER

SOIL

Air

DRUM 1,2,3,4

092206

0758

1

1

X

DW

092206

1300

2

2

X

Total Lead (EPA 6010)

Analysis Request

Date
due:

October 2, 2006

For Lab Use Only

Relinquished by:

Relinquished by:

Relinquished by:

Date

Date

Date

Time

Time

Time

Received by:

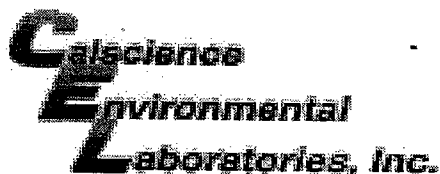
Received by:

Received by Laboratory:

Remarks:

Bill to:

Accounts Payable


 WORK ORDER #: **06** - 0 9 - 1 4 3 8
Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: KiffDATE: 9/27/06
TEMPERATURE – SAMPLES RECEIVED BY:
CALSCIENCE COURIER:

- ☐ Chilled, cooler with temperature blank provided.
☐ Chilled, cooler without temperature blank.
☐ Chilled and placed in cooler with wet ice.
☐ Ambient and placed in cooler with wet ice.
☐ Ambient temperature.
☐ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- 3.6 °C Temperature blank.
☐ °C IR thermometer.
☐ Ambient temperature.

Initial: JP
CUSTODY SEAL INTACT:

 Sample(s): _____ Cooler: ☒ No (Not Intact) : _____ Not Applicable (N/A): _____
Initial: JP
SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples.....	☒		
Sampler's name indicated on COC.....		☒	
Sample container label(s) consistent with custody papers.....	☒		
Sample container(s) intact and good condition.....	☒		
Correct containers and volume for analyses requested.....	☒		
Proper preservation noted on sample label(s).....	☒		
VOA vial(s) free of headspace.			☒
Tedlar bag(s) free of condensation.....			☒

Initial: JP
COMMENTS:



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No.

52394

Page 1 of 1

Project Contact (Hardcopy or PDF To): Paul Anderson
California EDF Report? ☒ Yes ☐ No

Company / Address: PSC, 210 West Sand Bank Road, Columbia, IL 62236
Sampling Company Log Code:

Phone #: (618) 281-1543 Fax #: (618) 281-7020 Global ID: T0600177342

Project #: TMSLOAK3.3 P.O. #:
EDF Deliverable To (Email Address): panderson@pscnow.com

Project Name: SL-Oakland
Sampler Signature: *Daniel R. Pen*

Project Address: 955 Kennedy Street, Oakland, California

Project Address: 955 Kennedy Street, Oakland, California		Sampling		Container				Preservative			Matrix			
Sample Designation		Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None	Water	Soil	Air
DRUM 1		9/22/06	0758	X	X						X	X	X	
DRUM 2		9/22/06	0805	X	X						X	X	X	
DRUM 3		9/22/06	0812	X	X						X	X	X	
DRUM 4		9/22/06	1303	X	X						X	X	X	
DW		9/22/06	1300	6		22			2	2		10		

Chain-of-Custody Record and Analysis Request

Analysis Request													TAT
MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH-Diesel (EPA 8015M) w/silica gel cleanup	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk
X	X	X	X	X	X	X	X	X	X	X	X	X	COMPOSITE
X	X	X	X	X	X	X	X	X	X	X	X	X	

For Lab Use Only

01
02

Relinquished by: <i>Daniel R. Pen</i>	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:

Remarks: Copy analytical data to: eticlabreports@eticeng.com (Tom Neely)			
Bill to:			
For Lab Use Only: Sample Receipt			
Temp °C	Initials	Date	Time
3.2	RLM	092506	1555
Therm. ID #	Coolant Present		
12-5	☒ Yes / ☐ No		

Appendix E

Surveying Data

Appendix F

Waste Disposal Documentation



ENVIRONMENTAL SERVICES
GROUP

Western Region

535 Getty Court, Suite H
Benicia, CA 94510
(877) 748-3040

WR# 51690

BILL OF LADING

T-1-10# 53846

Lading Manifest: 96177-06

SHIPPER / CUSTOMER SARA LEE		DELIVERY DATE	JOB # 748604
ADDRESS 955 KENNEDY ST		POINT OF CONTACT	
CITY, STATE, ZIP OAKLAND CA 94606		PHONE # (510) 436-5350	
CARRIER / TRANSPORTER 21st CENTURY EMI		PHONE # (877) 748-3040	
CONSIGNEE / FACILITY 21st Century EMI		POINT OF CONTACT	
ADDRESS 2095 Newlands Dr. East		PHONE # (775) 575-2760	
CITY, STATE, ZIP Fernley , NV 89408			

QTY	US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	Containers No.	Type	Total Quantity	UOM
	NON-HAZARDOUS WASTE SOLID (SOIL)	4	DM	1,600	GP
	NON-HAZARDOUS WASTE LIQUID (RINSATE)	1	DM	400	GP
	NON-HAZARDOUS WASTE LIQUID (CONCRETE SLURRY)	1	DM	400	GP

Special Handling Instruction and Additional Information:

a) 361342-00 - NON HAZ SOIL - LE01 (1) b) 361343-00 - RINSATE - STAB01 (2) c) 361344-00 - CONCRETE AND WATER - STAB01 (3)
WEAR PROPER PPE

Labels Provided YES _____ NO _____

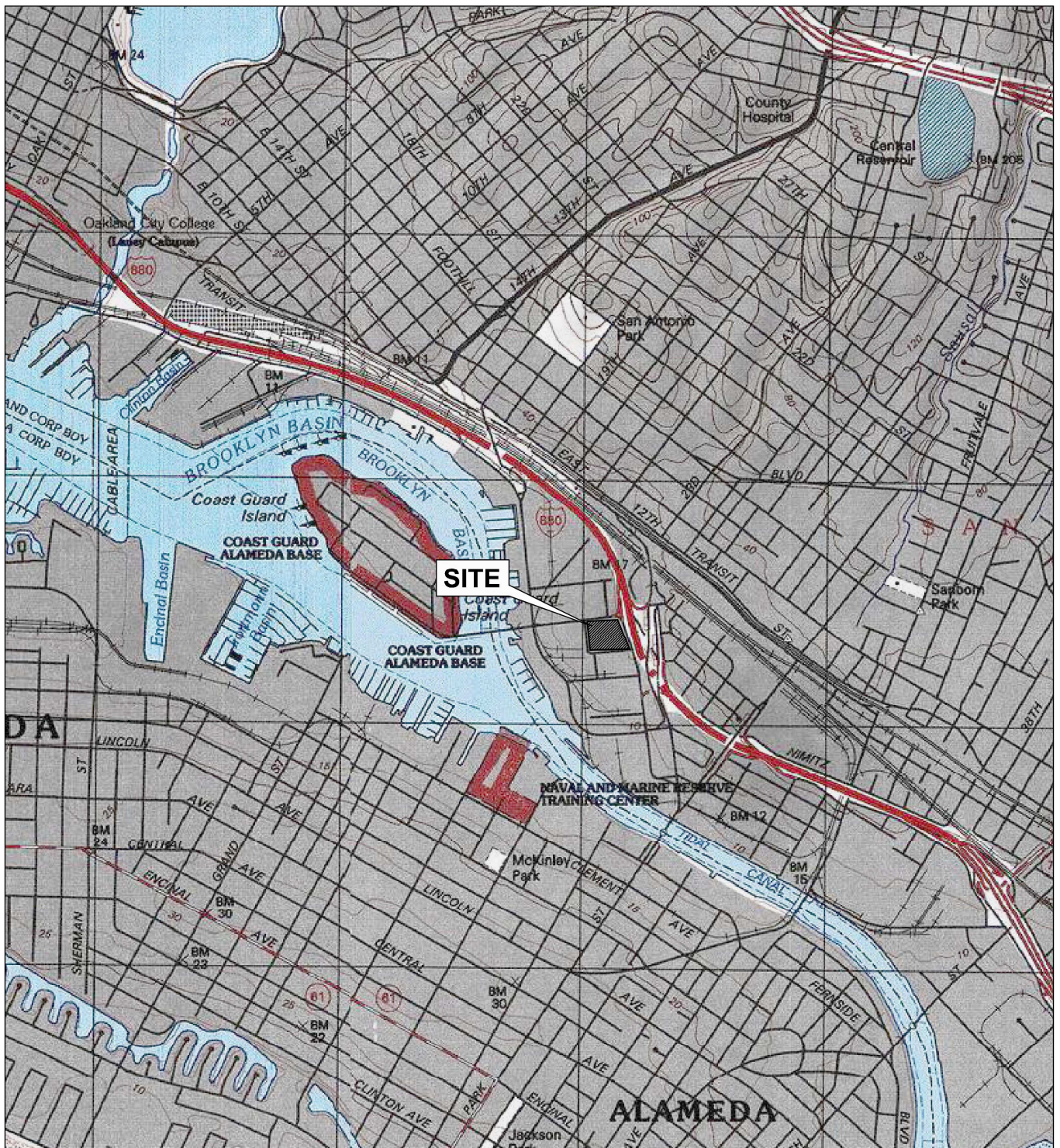
Emergency Phone # (877) 748-3040

SHIPPER'S CERTIFICATION: I hereby declared that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway, vessel, and rail according to applicable international and national government regulations.

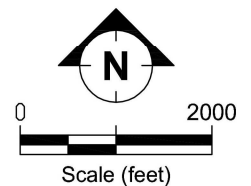
SHIPPER) PRINT OR TYPE NAME M. Segel for Philip Environmental	SIGNATURE M. Segel	MONTH 10	DAY 24	YEAR 06
CARRIER/TRANSPORTER) PRINT OR TYPE NAME W. Bradford	SIGNATURE W. Bradford	MONTH 10	DAY 25	YEAR 06
CONSIGNEE/FACILITY) PRINT OR TYPE NAME Inez LAMBERT	SIGNATURE Inez Lambert	MONTH 10	DAY 26	YEAR 06

RECEIVED

By dehloptoxic at 8:44 am, Dec 22, 2006



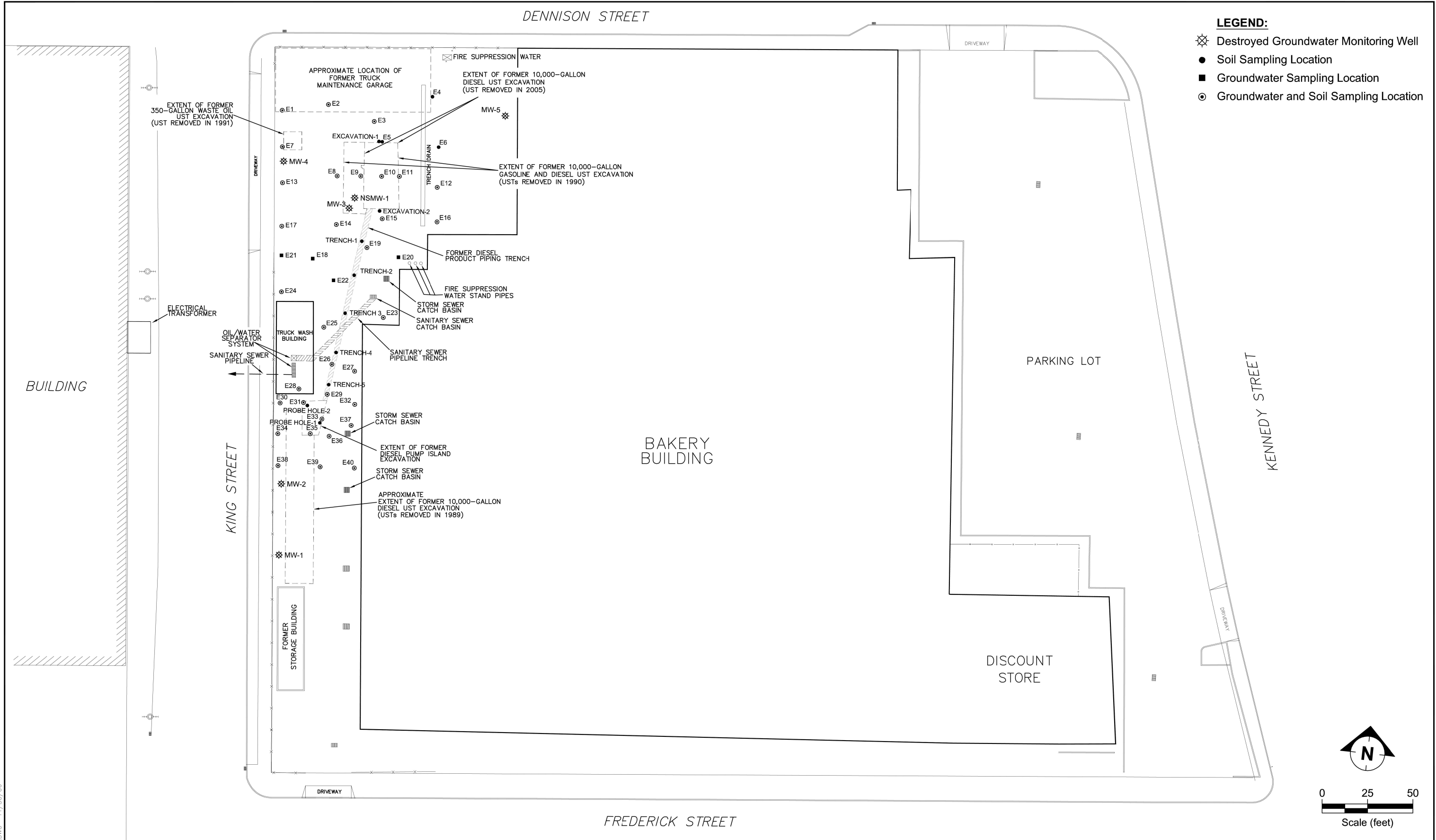
SOURCE: USGS Topographic Map



SITE LOCATION AND TOPOGRAPHIC MAP
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE:

1



FILENAME: SITE1106.DWG 11/30/06

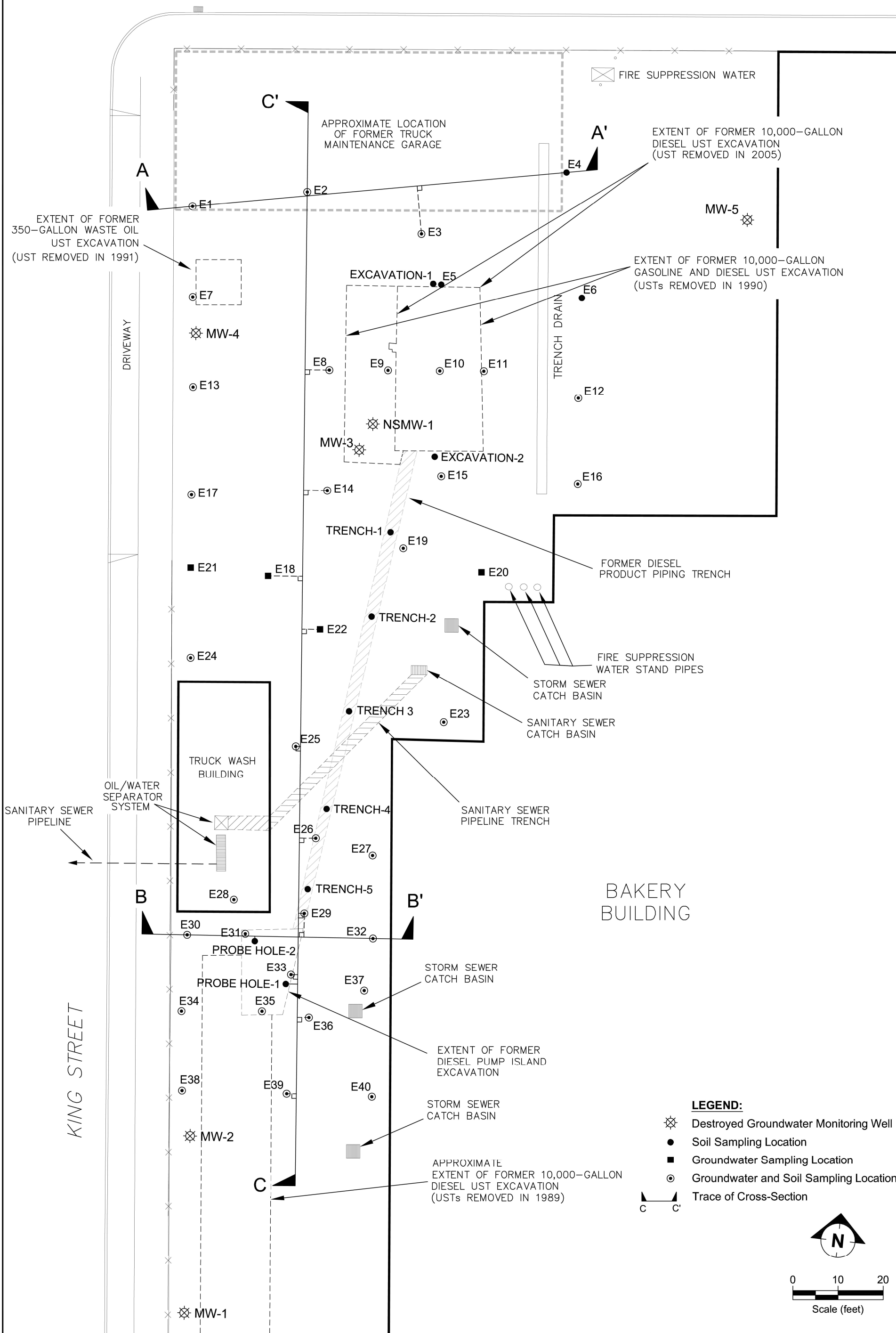


SITE VICINITY MAP
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA, 94606

FIGURE:

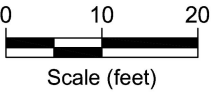
2

DENNISON STREET



LEGEND:

- Destroyed Groundwater Monitoring Well
- Soil Sampling Location
- Groundwater Sampling Location
- Groundwater and Soil Sampling Location
- Trace of Cross-Section

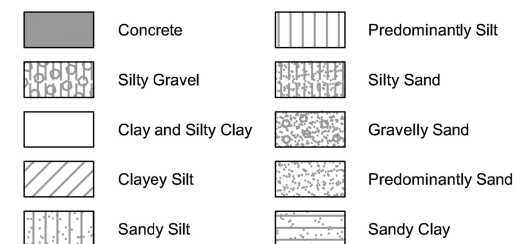
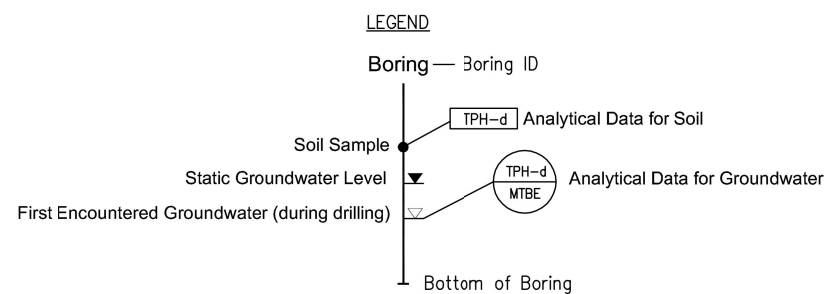
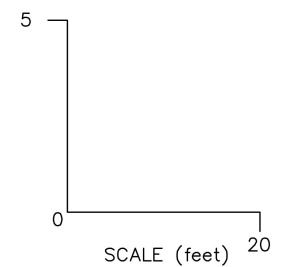
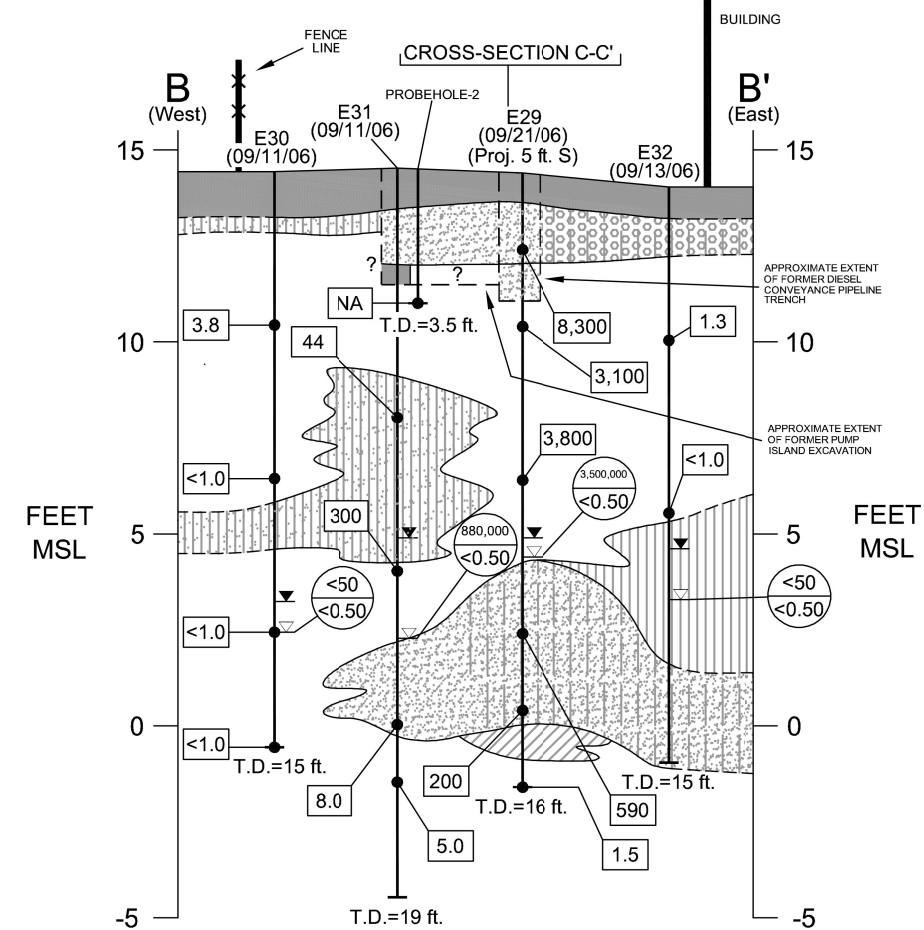
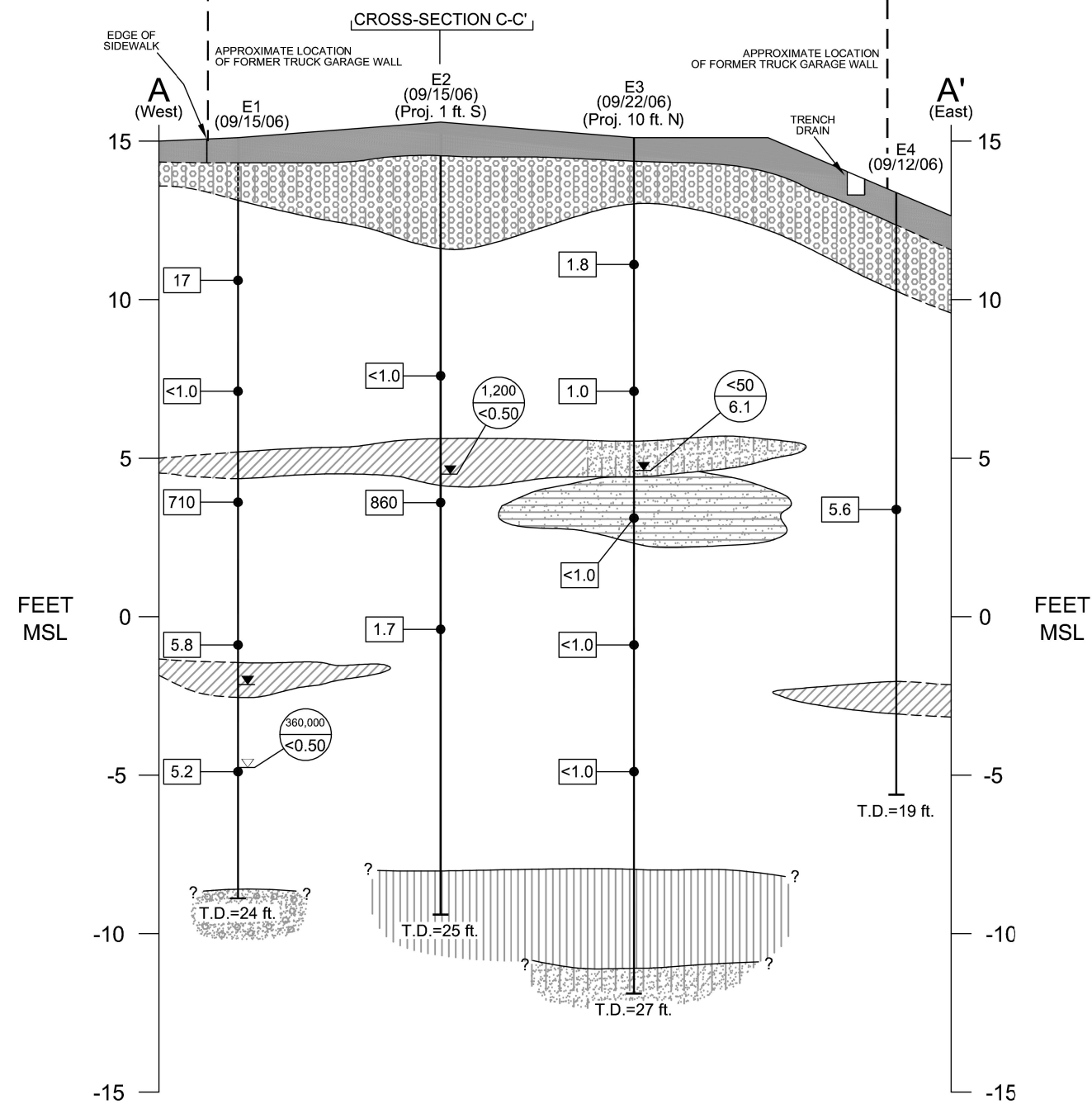


SITE MAP SHOWING TRACE OF CROSS-SECTIONS
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE:

3

FILENAME: SITE1106.DWG 11/30/06



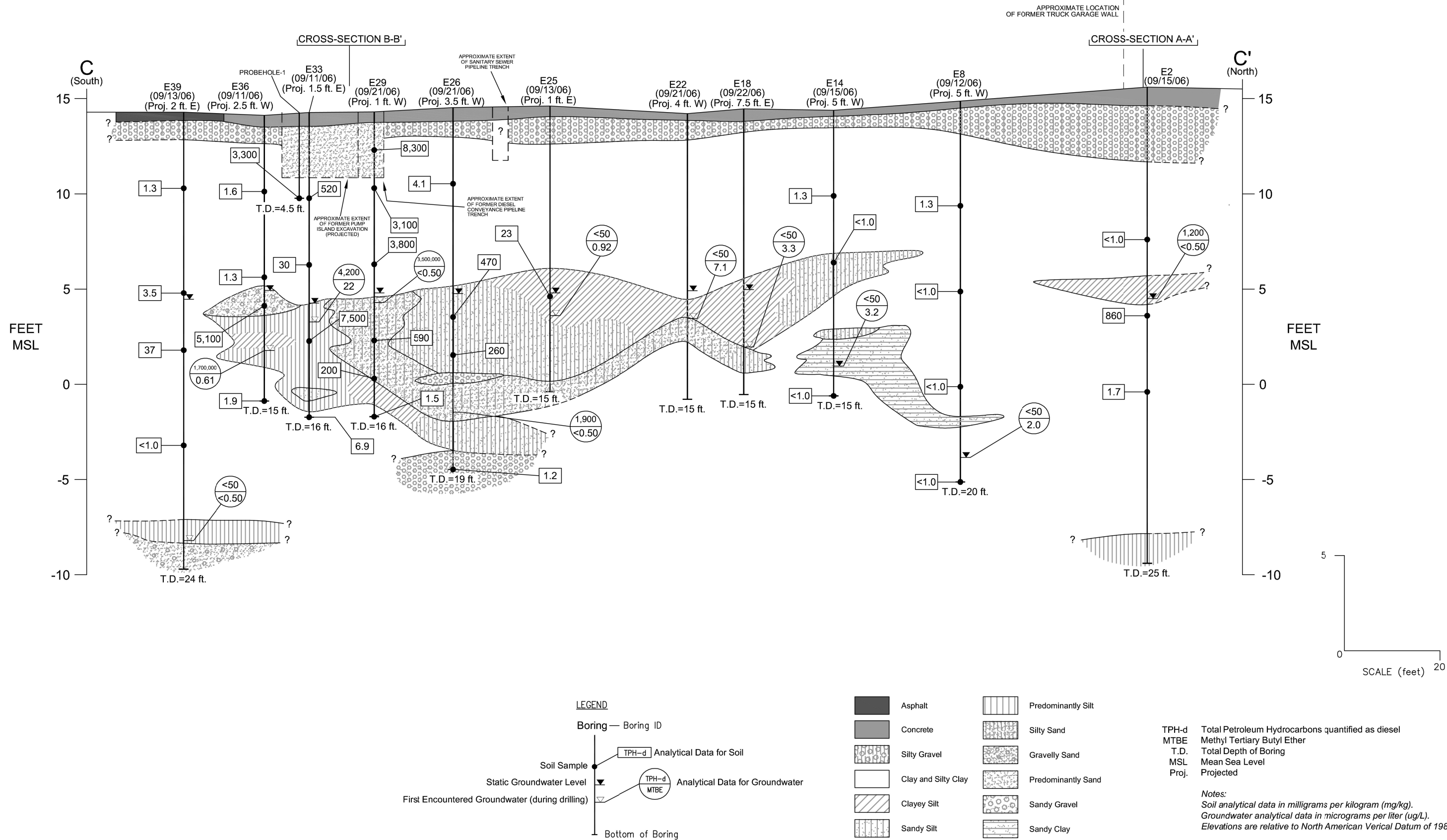
TPH-d Total Petroleum Hydrocarbons quantified as diesel
MTBE Methyl Tertiary Butyl Ether
NA Not Analyzed
T.D. Total Depth of Boring
MSL Mean Sea Level
Proj. Projected

Notes:
Soil analytical data in milligrams per kilogram (mg/kg).
Groundwater analytical data in micrograms per liter (ug/L).
Elevations are relative to North American Vertical Datum of 1988.

GEOLOGIC CROSS-SECTIONS A-A' AND B-B'
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE:

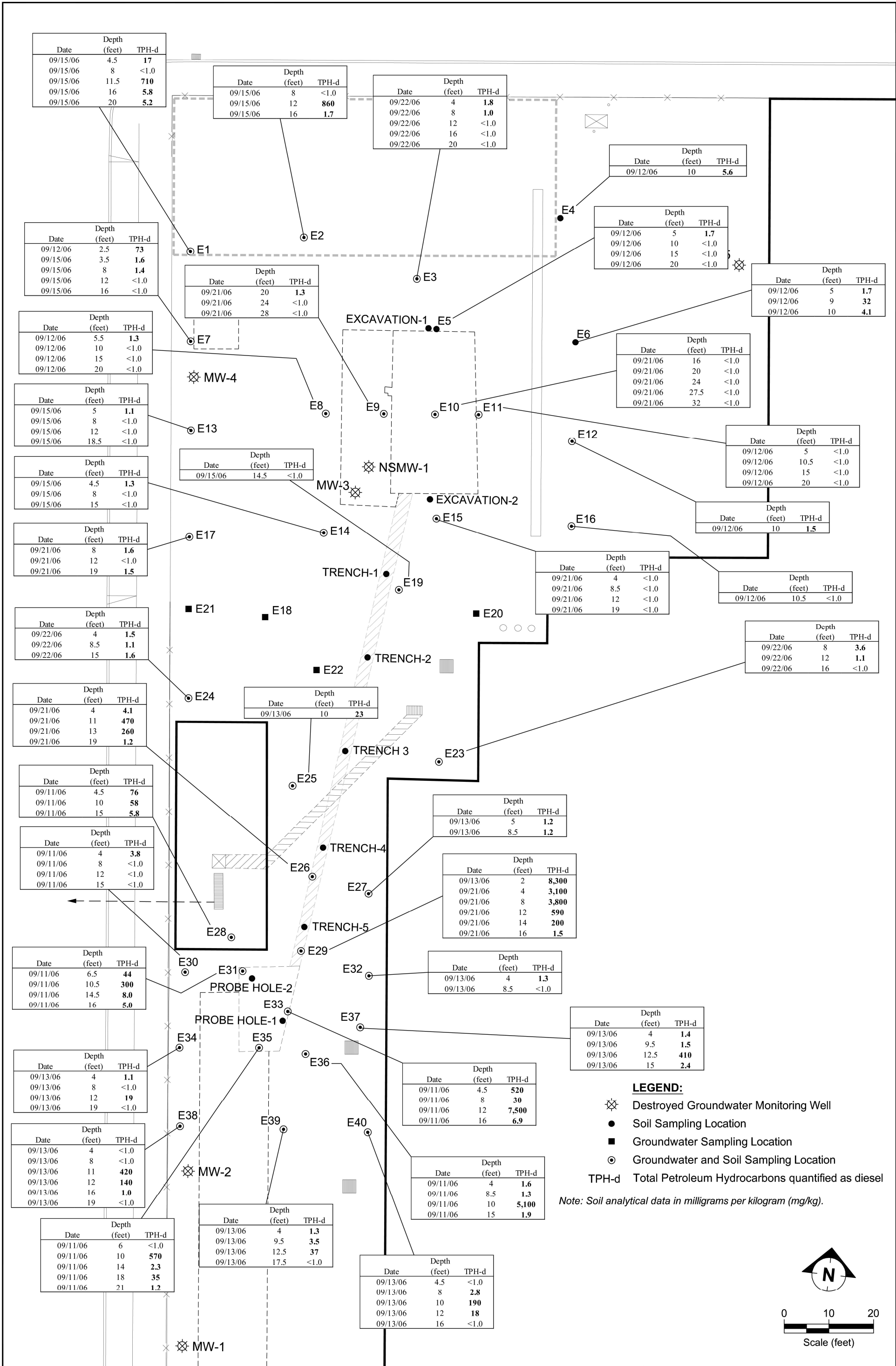
4



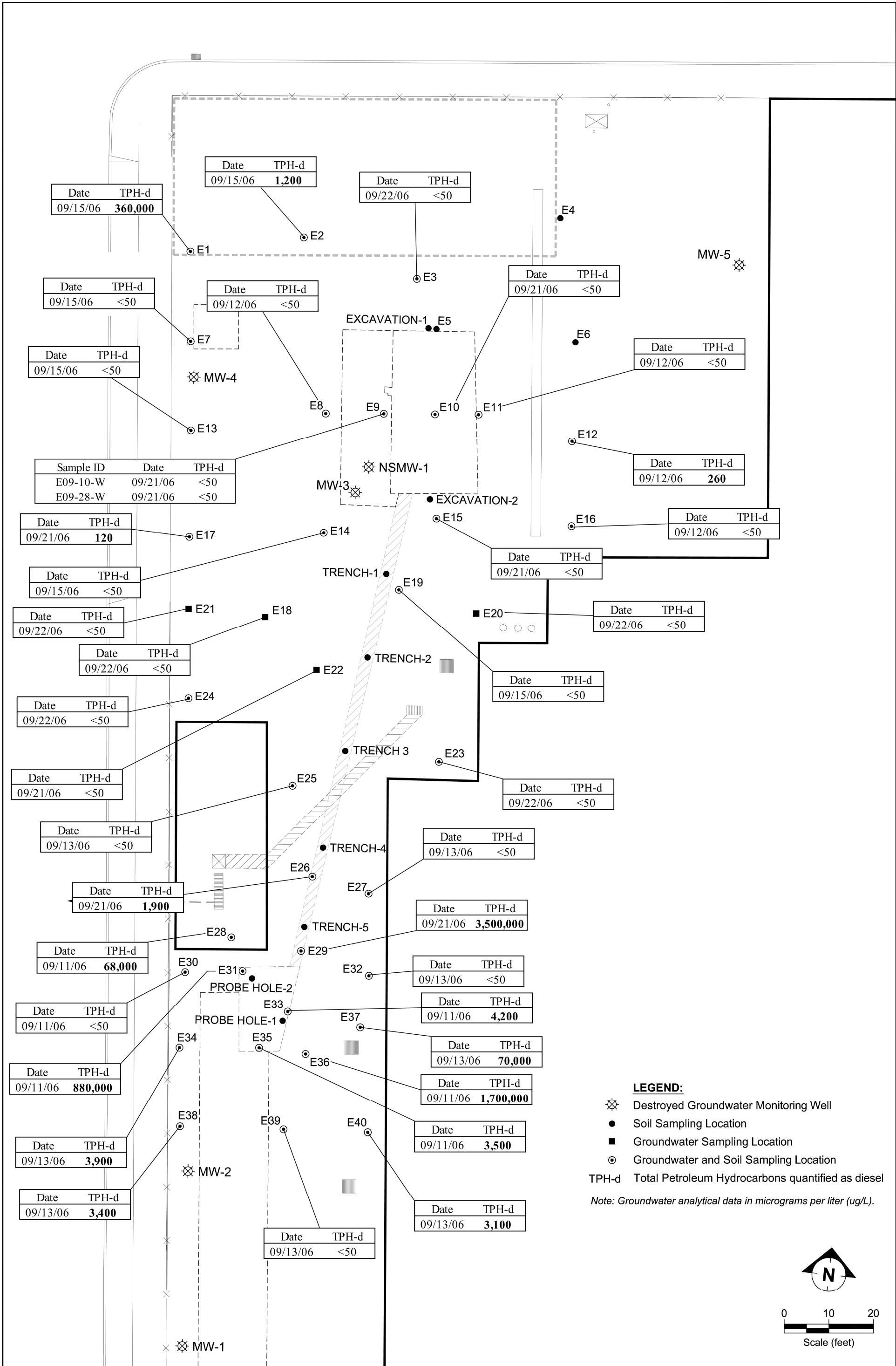
GEOLOGIC CROSS-SECTION C-C'
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE:

FILENAME: sections\206.DWG 12/06/06



FILENAME: sections\206.DWG 12/06/06

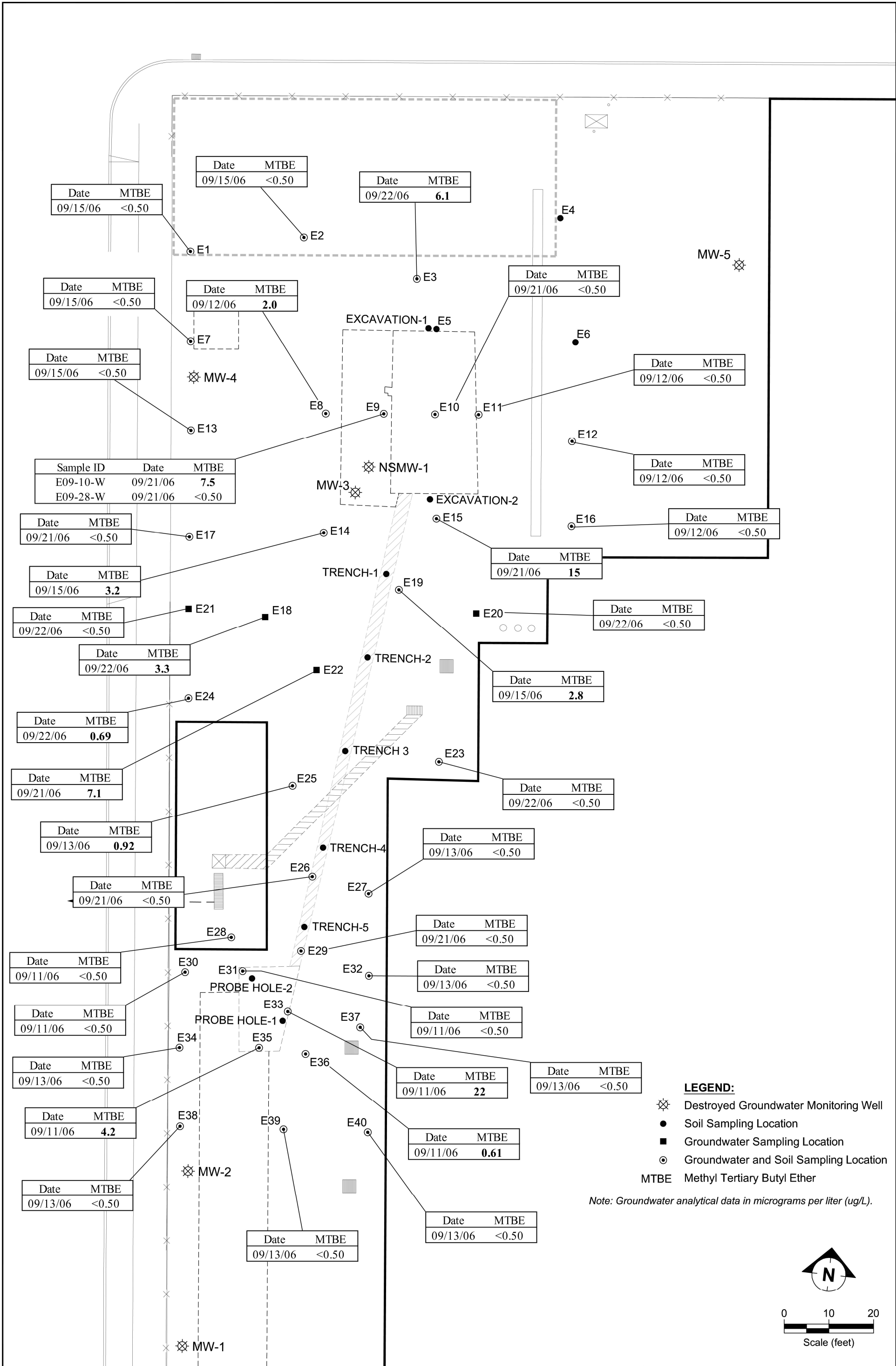


SITE MAP SHOWING TPH-d IN GROUNDWATER
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE:

7

FILENAME: sections\206.DWG 12/06/06



SITE MAP SHOWING MTBE IN GROUNDWATER
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE:

8