May 17, 2007

Donna Drogos
LOP Program Manager
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94502-6577

Dear Ms. Drogos:

Subject: **Remedial Investigation Report and Source Removal Work Plan**

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 *Remedial Investigation Report and Source Removal Work Plan* for the above-referenced facility. PSC subcontracted ETIC Engineering, Inc. (ETIC) to prepare this report and work plan in response to electronic mail correspondence with the Alameda County Health Care Services Agency.

If you have any questions concerning this document, 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.

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Remedial Investigation Report and Source Removal Work Plan

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

RO #0002569

May 2007

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

Remedial Investigation Report and Source Removal Work Plan

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Tracy A. Iob — **Date**
Project Geologist

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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

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1.0 INTRODUCTION

On behalf of PSC Environmental Services (PSC), ETIC Engineering, Inc. (ETIC) has prepared this *Remedial Investigation Report and Source Removal Work Plan* 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 March 2007, and includes geologic cross-sections, a site conceptual model, a work plan for source removal, and a proposed sensitive receptor survey and conduit study.

The March 2007 investigation was performed in accordance with the *Remedial Investigation Work Plan* dated February 8, 2007, and as approved by Alameda County Health Care Services Agency (ACHCSA) by electronic mail (email) correspondence dated April 4, 2007. The email correspondence from ACHCSA is included in Appendix A. The objective of this subsurface investigation was to further evaluate the lateral extent of petroleum hydrocarbons in soil and groundwater at the site (Site) in preparation for remediation. To achieve this objective, ETIC performed the following activities:

- Drilled 4 soil borings (E41 through E44) in the vicinity of the former truck maintenance garage in the northwestern corner of the Site;
- Drilled 8 soil borings (E45 through E52) south and southwest of the former diesel pump island 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.

The scope of work for source removal was determined based on the results of the soil and groundwater quality investigation in September 2006 and remedial investigation in March 2007. The objective of the proposed work is to mitigate residual petroleum hydrocarbons in the vicinity of the former diesel pump island removed in 2005 and near the former truck maintenance garage in the northwestern corner of the Site. To achieve this objective, ETIC will perform the following activities:

- Excavate impacted soil in the area of the former diesel pump island and truck maintenance garage and extract groundwater from the remedial excavations;
- Partially remove the truck wash building;
- Excavate and remove the oil/water separator system, which is located in the truck wash building and near the source of diesel impacts in the subsurface;
- 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; and
- Properly dispose of debris generated from the partial removal of the truck wash building, excavated soil, and extracted groundwater.

2.0 SITE BACKGROUND

2.1 DESCRIPTION OF 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 (Figure 2). 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 (Figure 3). 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 in thickness from 1 to 50 feet 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. The predominant soil types beneath the Site consist primarily of clay and silty clay. During drilling activities performed at the Site in the 1990's, 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. In September 2006, groundwater was first encountered in the soil 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. Figure 3 shows the traces of four geologic cross-sections prepared from the logs of borings drilled at the Site. Figures 4, 5, and 6 illustrate the four cross-sections. Historical monitoring data indicate 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 underground storage tank (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 (Figures 2 and 3). 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-P_3® 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 Alameda County Department of Environmental Health (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 Figures 2 and 3. 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 analyses. 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 (Figures 2 and 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 analyses. 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 (µg/L), ethylbenzene at 2.6 µg/L, and total xylenes at 2.3 µg/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-P_3® 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 (Figures 2 and 3). 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 analyses. 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 Investigations

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 (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 MW-1, 720 µg/L in MW-2, 100 µg/L in MW-4, and 100 µg/L in MW-5.

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

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

One groundwater sample collected from MW-1 contained toluene at 0.35 µg/L. One groundwater sample collected from 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 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 ACDEH 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 (Figures 2 and 3). 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 analyses (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 analyses. 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 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 analyses. 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.

Soil and Groundwater Quality Investigation

In September 2006, ETIC performed a soil and groundwater quality investigation at the Site (ETIC 2006d). ETIC directed the field activities associated with drilling 40 soil borings (E1 through E40) and collecting 131 soil samples and 38 groundwater samples from the borings for laboratory analyses. Historical soil sampling locations are shown on Figure 3.

Diesel was the primary chemical detected in soil and groundwater samples collected during this investigation. TPH-d was detected in the soil samples at concentrations up to 8,300 mg/kg. 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 coincided with the depth to groundwater and diesel impact detected in groundwater. The analytical data for the soil samples are provided in Table 1. TPH-d concentrations in soil are shown on Figure 7.

Four soil samples were analyzed for physical parameters. The analytical data for physical parameters are provided in Table 2.

TPH-d was detected in the groundwater samples at concentrations up to 3,500,000 µg/L. The highest concentrations of TPH-d in groundwater 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. The analytical data for groundwater samples are provided in Table 3. TPH-d concentrations in groundwater are shown on Figure 8. MTBE concentrations in groundwater are shown on Figure 9.

Remedial Investigation

On March 28 and 29, 2007, ETIC performed a remedial investigation at the Site. ETIC directed the field activities associated with drilling 12 soil borings (E41 through E52). Soil and groundwater samples were collected from the borings for laboratory analyses. Sampling locations are shown on Figure 3. The results of the investigation are presented in this report.

4.0 REMEDIAL INVESTIGATION

The objective of this investigation was to further assess soil and groundwater quality to evaluate the lateral extent of diesel impact in the subsurface in preparation for remediation. To achieve this objective, the following activities were performed:

- Field preparation;
- Drilling, soil sampling, and laboratory analyses;
- Grab groundwater sampling and laboratory analyses;
- Evaluating the hydrogeologic and analytical data;
- Preparing updated geologic cross-sections; and
- Developing a site conceptual model, using data from the September 2006 soil and groundwater quality investigation and the March 2007 remedial investigation.

4.1 PRE-FIELD ACTIVITIES

Prior to drilling, the proposed soil 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 also hired to check for the presence of underground utilities. Drilling permits were obtained from the Alameda County Public Works Agency, Water Resources Section (ACPWA), and encroachment permits were obtained from the City of Oakland. The permits are included in Appendix B. A site specific health and safety plan was prepared prior to the commencement of field activities. The plan was implemented during the drilling and sampling events.

4.2 DRILLING, SOIL SAMPLING, AND LABORATORY ANALYSES

On March 28 and 29, 2007, twelve soil borings (E41 through E52) were drilled and samples were collected for laboratory analyses to further evaluate the environmental quality of soil and groundwater near the former truck maintenance garage in the northwestern corner of the Site, and in the vicinity of the former diesel pump island near the existing truck wash building at the Site. The locations of the borings are presented on Figure 3.

Each boring was hand augered to a depth of approximately 4 to 8 feet BGS to check for the presence of subsurface utilities prior to drilling. Drilling was performed by Vironex of Pacheco, California, a C57-licensed contractor, using a Geoprobe 6610 direct-push rig equipped with 5-foot long drive rods and a 2.25-inch diameter by 5-foot long Macro Core sampler containing new acetate liners. The depths of the borings ranged from 15 to 28 feet. All drilling equipment and sampling tools were decontaminated prior to beginning the field program. Reusable sampling equipment was thoroughly washed with a Liqui-Nox solution, rinsed with tap water, and then 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), ASTM Designation D2488 (ASTM 2000), and the observations were recorded on the boring logs. Copies of the boring logs are included in Appendix C. Technical guidance for the program was provided by a California Professional Geologist.

A photoionization 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 analyses.

Soil samples were collected for laboratory analyses from each boring. Samples designated for laboratory analyses were selected in general accordance with the *Remedial Investigation Work Plan* (ETIC, 2007).

The samples were cut directly from the Geoprobe acetate liners. The liners were sealed, labeled, stored on ice in a thermally-insulated cooler, and transported under chain-of-custody protocol to Kiff Analytical (Kiff), a state-certified laboratory, in Davis, California. Kiff analyzed the soil samples for TPH-g, BTEX, and MTBE using EPA Method 8260B and for TPH-d using EPA Method 8015M with a silica gel clean-up. Kiff also analyzed soil samples collected from borings drilled in the vicinity of the former truck maintenance garage and from borings downgradient of the oil/water separator for TPH-mo by EPA Method 8015M with a silica gel clean-up.

4.3 GRAB GROUNDWATER SAMPLING AND LABORATORY ANALYSES

A groundwater sample was collected from eleven of the twelve borings (E41 through E48 and E50 through E52), using new disposable tubing equipped with a check valve. No measurable water was detected in temporary PVC casing set in soil boring E49. The samples were collected in clean 40-mL, hydrochloric-acid-preserved VOAs 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. Kiff analyzed the grab groundwater samples for TPH-g, BTEX, and MTBE using EPA Method 8260B and for TPH-d using EPA Method 8015 with a silica gel clean-up. Groundwater samples collected from soil borings E41 through E46 were also analyzed for TPH-mo using EPA Method 8015M with a silica gel clean-up.

All reusable groundwater sampling equipment was thoroughly washed with a Liqui-Nox solution, rinsed with tap water, and then 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 California Department of Water Resources (DWR) requirements.

4.4 DISPOSAL OF INVESTIGATIVE-DERIVED WASTE

Waste derived from the subsurface investigation was contained in a Department of Transportation (DOT)-approved 55-gallon drum stored temporarily at the Site. One soil sample (DRUM1) collected from the drum was analyzed by Kiff for TPH-g, BTEX, and MTBE by EPA Method 8260B, for TPH-d and TPH-mo by EPA Method 8015M, and for total lead by EPA Method 6010B. The investigative-derived waste will be profiled, and delivered by PSC to an approved disposal facility.

In anticipation of soil excavation with offsite disposal, three composite soil samples were formed from select discrete samples from each of the following depths: approximately 5, 10, and 15 feet BGS. The composite samples were analyzed for the Leaking Underground Fuel Tank (LUFT) five metals (cadmium, chromium, lead, nickel, and zinc) and leachable chromium for characterization purposes. The laboratory reports and chain-of-custody documentation are included in Appendix D.

5.0 HYDROGEOLOGIC DATA EVALUATION

Figure 3 illustrates the traces of four geologic cross-sections prepared from logs of borings drilled at the Site. Figures 4, 5, and 6 present the four cross-sections, illustrating the lithology and stratigraphy beneath the Site. Cross-sections A-A', B-B', and C-C' have a general west-to-east orientation and cross-section D-D' has a general south-to-north orientation.

Soil encountered in the 12 borings (E41 through E52) drilled on March 28 and 29, 2007, consisted mainly of clay, silt, sand, and gravel. The predominant soil types beneath the Site consist primarily of clay and silty clay. Copies of the soil boring logs are included in Appendix C.

In the northernmost soil borings drilled during this investigation (E41 through E44), soil generally consisted of silty clay from grade to approximately 23 to 24 feet BGS. The silty clay was underlain by gravelly sand to at least 25 feet BGS, the total depth of boring E41. Groundwater was first encountered in these borings at depths ranging from approximately 21 to 24 feet BGS. Groundwater in these borings was subsequently measured at depths ranging from approximately 8 to 19 feet BGS.

In soil borings E45, E46, and E49 drilled west of the Site, soil generally consisted of silty clay or clay to approximately 26 feet BGS. The silty clay and clay were underlain by clayey sand, silty sand, and/or sandy silt to 28 feet BGS in borings E45 and E46, the maximum depth explored. Groundwater was first encountered in borings E45 and E46 between approximately 23 and 24 feet BGS and was subsequently measured in boring E45 at approximately 20 feet BGS. Groundwater did not accumulate in boring E49.

Soil borings E47 and E50 were drilled south-southwest of the former diesel pump island in the excavation for the four former 10,000-gallon diesel tanks. Soil encountered in these borings generally consisted of pea gravel fill to approximately 4 feet BGS, clayey sand from 4 feet BGS to between approximately 9 and 12 feet BGS. The clayey sand was underlain by clay or silty clay ranging from 0.5 feet to nearly 4 feet in thickness. The clay was underlain by sand encountered between approximately 13 and 15 feet BGS, the maximum depth explored in these borings. Groundwater was first encountered in borings E47 and E50 at depths ranging from approximately 9 to 13 feet BGS and was subsequently measured in both borings at approximately 9.5 feet BGS.

Soil borings E48, E51, and E52 were drilled south-southeast of the former diesel pump island. Soil encountered in these borings consisted primarily of silty clay and clayey silt with lenses of silty and gravelly sand encountered between approximately 8 and 9.5 feet BGS in E48 and E51. Borings E51 and E52 were terminated at 20 feet BGS. The silt and clay encountered in boring E48 was underlain by gravelly sand from approximately 23.5 to 24 feet BGS and by sandy clay from 24 to 25 feet BGS, the total depth of boring E48. Groundwater was first encountered in these borings between approximately 14.5 and 23.5 feet BGS and was subsequently measured at depths ranging from approximately 10 to 14.5 feet BGS.

Soil encountered during this investigation was generally consistent with soil types identified during previous soil investigations at the Site. During the September 2006 investigation 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 existing 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.

6.0 ANALYTICAL DATA EVALUATION

6.1 ANALYTICAL DATA FOR SOIL

A total of 61 soil samples were collected from the borings and analyzed for petroleum hydrocarbons during this investigation. The analytical data are presented in Table 1. During a previous investigation, soil samples were collected and analyzed for physical parameters which are presented in Table 2.

6.1.1 Petroleum Hydrocarbons

TPH-d was detected in the soil samples collected during this investigation at concentrations up to 1,800 mg/kg. In general, the highest concentrations of TPH-d were detected in soil at depths between approximately 8.5 and 15.5 feet BGS. Figure 7 illustrates the concentrations of TPH-d

in soil.

TPH-g was detected in the five of the soil samples at concentrations up to 29 mg/kg. However, the highest concentrations of TPH-g were detected in samples that contained elevated levels of TPH-d. Furthermore, the concentrations of TPH-g did not exceed the most stringent Environmental Screening Level (ESL) of 100 mg/kg established for soil (SFBRWQCB, 2005).

TPH-mo was detected in seven of the soil samples at concentrations up to 180 mg/kg. TPH-mo was not detected in samples collected below 10 feet BGS in any boring. The concentrations of TPH-mo did not exceed the most stringent ESL of 500 mg/kg established for soil.

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

6.1.2 MTBE

MTBE was not detected in soil samples collected during this remedial investigation.

6.2 ANALYTICAL DATA FOR GROUNDWATER

During this investigation, a total of 11 grab groundwater samples were collected from borings E41 through E48 and E50 through E52. Groundwater analytical data are presented in Table 3.

6.2.1 Petroleum Hydrocarbons

TPH-d was detected in the groundwater samples at concentrations up to 22,000 µg/L (boring E47). The highest concentrations of TPH-d were detected in the samples collected in the excavation for the four former 10,000-gallon diesel tanks, downgradient of the former diesel pump island. Elevated levels of TPH-d were also detected in the sample collected from boring E42 near the former truck maintenance garage. TPH-d concentrations in groundwater are shown on Figure 8.

TPH-g was detected in two of the groundwater samples (E41 and E43) at concentrations up to 59 µg/L. However, the hydrocarbons reported as TPH-g did not exhibit a typical gasoline chromatographic pattern. Furthermore, the concentrations of TPH-g did not exceed the most stringent ESL of 100 µg/L established for groundwater.

Toluene was detected in groundwater sample E46 at 0.84 µg/L and was not detected in the other samples. The Maximum Contaminant Level (MCL) established for toluene in drinking water is 150 µg/L. Benzene, toluene, and ethylbenzene were not detected in any of the groundwater samples.

6.2.2 MTBE

MTBE was detected in groundwater samples collected from borings E41 and E46 at concentrations up to 2.4 µg/L. MTBE concentrations in groundwater are shown on Figure 9. The MCL established for MTBE in drinking water is 13 µg/L.

7.0 SITE CONCEPTUAL MODEL

7.1 CHEMICALS-OF-CONCERN AND AFFECTED MEDIA

Analytical data from historical and current soil and groundwater sampling indicate the subsurface beneath the Site is impacted by the presence of petroleum hydrocarbons. Diesel is the primary chemical detected in soil and groundwater samples collected at the Site. The residual impact in soil has been identified at depths of 2 or more feet BGS, with the highest concentrations detected at depths shallower than 16 feet BGS.

TPH-d, TPH-g, TPH-mo, and MTBE have been detected in soil samples collected in the site vicinity. BTEX has not been detected in the soil samples. Concentrations of TPH-d up to 8,300 mg/kg have been detected and are highest in the vicinity of the former diesel pump island and southern portion of the former diesel product piping trench. TPH-g has been detected in some of the soil samples collected at the Site at concentrations up to 140 mg/kg. However, TPH-g is generally detected in the samples with the highest concentrations of TPH-d. TPH-mo has been detected at concentrations up to 180 mg/kg, primarily in soil samples collected between 5 and 10 feet BGS in borings drilled near the former truck maintenance garage in the northern portion of the Site. None of the concentrations of TPH-mo exceed the most stringent ESL of 500 mg/kg established for soil. MTBE has been detected in two soil samples at 15 and 20 feet BGS at concentrations up to 0.020 mg/kg. Neither concentration exceeded the most stringent ESL for MTBE of 0.023 mg/kg.

TPH-d, TPH-g, TPH-mo, toluene, xylenes, and MTBE have been detected in grab groundwater samples collected from soil borings drilled in the site vicinity. TPH-d is the primary chemical detected in groundwater and has been detected at concentrations up to 3,500,000 µg/L in the vicinity of the former diesel pump island and southern portion of the former diesel product piping trench. In the area of the former truck maintenance garage, TPH-d has been detected at concentrations up to 360,000 µg/L. TPH-g has been detected in some of the groundwater samples at concentrations up to 560 µg/L. However, the detection of TPH-g generally did not exhibit a typical gasoline chromatographic pattern and was often detected in the samples with the highest TPH-d concentrations. TPH-mo was also detected in three of the grab groundwater samples at concentrations up to 750 µg/L. However, the detection of TPH-mo was generally associated with elevated diesel concentrations and did not exhibit a typical motor oil chromatographic pattern. Toluene was detected in one groundwater sample at 0.84 µg/L.

Xylenes were detected in one groundwater sample at 1.4 µg/L. MTBE was detected in several groundwater samples at concentrations up to 22 µg/L.

Due to the volatility of some petroleum hydrocarbon compounds, soil vapor beneath the Site may also be impacted.

7.2 SOURCES OF CONTAMINATION

In March 2003, Earthgrains upgraded the diesel dispensing system for the 10,000-gallon UST. Soil samples were collected in April 2003 and analyzed which identified elevated levels of TPH-d in soil. The diesel dispensing system and associated product piping were removed in March 2005. The former diesel pump island and southern portion of the former diesel product piping trench is one source of contamination, as indicated by historical and current analytical data. In addition, elevated levels of TPH-d detected in saturated soil and groundwater in the vicinity of the former truck maintenance garage indicate a second unidentified source in the northwestern portion of the Site.

7.3 TRANSPORT MECHANISMS

In 2006 and 2007, the residual TPH-d impact was primarily detected in soil samples collected between 2 and 16 feet BGS and in groundwater samples collected from the shallow aquifer. Petroleum hydrocarbons remain in the vadose zone in the immediate vicinity of the former diesel dispensing island and associated piping. Residual petroleum hydrocarbon constituents in the vadose zone can leach to groundwater or volatilize into soil vapor.

The primary transport mechanisms for the residual contamination in the shallow aquifer are advection, adsorption, desorption, and volatilization. Residual contamination in the vicinity of the former diesel dispensing system and the unidentified source near the former truck maintenance garage can be transported with groundwater primarily through advection. Elevated concentrations of TPH-d in groundwater at borings E47 and E50 are likely due to the preferential movement of diesel through the permeable backfill present in the former excavation for the four 10,000-gallon USTs.

The soil and groundwater data indicate that both media are affected in the shallow aquifer, and consequently adsorption and desorption between the two phases may be occurring. Petroleum hydrocarbon constituents may volatilize from soil and/or groundwater into soil vapor. Volatilization of petroleum hydrocarbon constituents from soil and groundwater into the vapor pore space may result in subsequent migration to the ground surface.

7.4 POTENTIAL EXPOSURE PATHWAYS AND RECEPTORS

Potential exposure pathways and receptors at the Site and vicinity were evaluated based on current and potential future usage. The Site is an active commercial/industrial property, with

nearby land used for commercial, industrial, and residential purposes. The Site is bound to the north by Dennison Street, to the south by Frederick Street, to the east by Kennedy Street, and to the west by King Street. Interstate 880 is located due east of Kennedy Street. An asphalt-paved parking area and driveway and concrete-paved truck loading dock area are adjacent to the western side of the 105,000 square-foot bakery building at the Site.

Potentially-complete exposure pathways and receptors have been identified for the Site, with the following criteria:

- A source and mechanism of chemical release;
- One or more retention or transport media (e.g., soil, groundwater, soil vapor, air, or surface water);
- A point of potential contact with the impacted medium (referred to as the exposure point); and
- An exposure route at the point of contact (e.g., inhalation, ingestion, or dermal contact).

Figure 10 illustrates a schematic diagram of the site conceptual model, and Figure 11 shows the exposure pathway flowchart. Site-specific, potentially-complete exposure pathways and potential receptors are depicted on the figures, and are summarized as follows:

- Dermal contact with or incidental ingestion of contaminated soil through excavation (onsite residential, commercial, or industrial receptors or construction workers);
- Inhalation of chemicals volatilizing from soil or groundwater to indoor or outdoor air (onsite or offsite residential, commercial, or industrial receptors or construction workers);
- Dermal contact with or incidental ingestion of contaminated groundwater from a potential current or future water supply well (onsite or offsite residential, commercial, or industrial receptors or construction works); and
- Dermal contact with or incidental ingestion of contaminated surface water (offsite residential, commercial, or industrial receptors or construction workers).

Residual TPH-d impacts exist as shallow as approximately 2 feet BGS in the vicinity of the former diesel dispensing system removed in 2005. Due to the shallow impacts, occupants or construction workers could potentially be subject to direct exposure to residual petroleum hydrocarbons at the Site if pavement were removed and soil excavated.

The vapor intrusion pathway from impacted soil and/or groundwater to outdoor or indoor air is complete. A future soil vapor investigation and intrusion study will be performed to evaluate the potential health risks associated with indirect exposure via inhalation of volatiles from the subsurface.

Dermal contact with or ingestion of impacted groundwater is a potential human health risk for site occupants. Installation of a shallow water-producing well within the contaminant plume could create a direct and complete exposure pathway. A survey of water-producing wells present in the site vicinity will demonstrate whether this exposure pathway is currently complete. As part of a future sensitive receptor survey (proposed in Section 9.0), a well search will be performed to determine whether there are any water supply wells in the vicinity of the Site. Construction workers may also have direct exposure to the residual contamination in groundwater, if excavation and/or dewatering activities occur in the future.

Should contaminated groundwater discharge to surface water, there would be a potentially-complete exposure pathway for offsite receptors or construction workers. As part of the proposed sensitive receptor survey for the Site, surface water bodies will be identified to evaluate the potential for impact from the groundwater contaminant plume.

8.0 SOURCE REMOVAL WORK PLAN

The objective of the proposed work is to mitigate residual petroleum hydrocarbons in the vicinity of the former diesel pump island that was removed in 2005 and near the former truck maintenance garage in the northwestern corner of the Site. To address residual TPH-d impacts in soil and groundwater at the Site, ETIC proposes to remove the sources by excavating soil in the vicinity of the former diesel dispensing system, the oil/water separator system, and the four former 10,000-gallon diesel USTs (in the southern portion of the Site) and near the former truck maintenance garage (in the vicinity of soil borings E1 and E2) and by dewatering the excavations. The proposed excavations correspond to onsite areas where TPH-d has been detected in soil at concentrations exceeding 500 mg/kg (the non-drinking water, commercial/industrial ESL) or TPH-d has been detected in groundwater at concentrations exceeding 2,500 µg/L (the non-drinking water, commercial/industrial ESL for gross contamination). The proposed excavations are shown on Figure 12. The scope of services will include the following activities:

- Field preparation;
- Partial removal of the truck wash building;
- Removal of the oil/water separator system;
- Soil excavation;
- Excavation dewatering;
- Soil and groundwater sampling and analyses;
- Site restoration;
- Waste disposal; and
- Data evaluation and reporting.

8.1 PRE-FIELD ACTIVITIES

Prior to beginning field activities, ETIC will arrange for access to the Site and a schedule which will accommodate onsite bakery operations. Once site access has been arranged, the location of each excavation will be marked and checked for the presence of underground utilities by Underground Service Alert. A private utility-locating contractor will also be hired to identify the presence of underground utilities. Appropriate permits for the partial removal of the truck wash building, excavation, and grading will be obtained from the City of Oakland. A shoring plan will be designed by a licensed and qualified engineer and will be submitted with the grading permit application to the City of Oakland. A traffic control plan will be prepared and an encroachment permit will be obtained from the City of Oakland for ingress and egress to the Site from the sidewalk and street on the eastern boundary of the Site along King Street. Temporary fencing will be installed to control access to the work area and vehicular and pedestrian traffic will be managed in accordance with the traffic control plan. A health and safety plan will be prepared and implemented during field activities.

8.2 PARTIAL REMOVAL OF TRUCK WASH BUILDING

A portion of the proposed remedial excavation lies underneath the existing truck wash building near the former diesel pump island and product piping, which has been identified as a source of diesel impacts in the subsurface. In order to access soil in this area, ETIC will oversee removal of the southern portion of the truck wash building at the Site. Siding, I-beams, and other scrap metal generated during demolition will be transported to a recycling facility. The concrete footings for the building will be excavated and transported to a recycling facility. Additional demolition-related debris will be transported to an appropriate disposal or recycling facility.

8.3 REMOVAL OF OIL/WATER SEPARATOR SYSTEM

The oil/water separator system is located within the area impacted by the diesel release in the vicinity of the former dispenser. ETIC will oversee the excavation and removal of the oil/water separator system located in the southern portion of the truck wash building. The oil/water separator system consists of a settling sump and a two-chambered grease trap. The settling sump measures approximately 8 feet long by 3 feet wide with a sloped bottom ranging from 3 feet BGS at the southern end to 3.5 feet BGS at the northern end. The settling sump flows into the grease trap. The grease trap measures approximately 6 feet long by 3 feet wide by 5.75 feet deep.

Prior removal, the thickness of any liquid, sludge, or sediment present in each component of the oil/water separator system will be measured and recorded. The contents of the oil/water separator system will be removed, and each component will be pressure washed with a biodegradeable cleaning solution. The cleaning rinsate will then be removed and contained in 55-gallon drums, pending offsite disposal. The dimensions of the each component will be

measured and recorded. The interior of each component will be inspected for cracks, seams, holes, and evidence of leakage.

The concrete pavement will be saw-cut around the perimeter of the oil/water separator system. A backhoe or excavator equipped with a hydraulic hammer attachment will be used to demolish each component of the system. The debris will be excavated and placed on and covered with plastic sheeting, pending transportation to an appropriate recycling or disposal facility.

One soil sample will be collected from the base of the excavation for each component of the oil/water separator system. The three soil samples will be submitted for laboratory analyses. Details concerning sampling and laboratory analyses are described in Section 8.6.

8.4 SOIL EXCAVATION

Soil and groundwater data indicate that elevated levels of TPH-d are present in the vicinity of former soil borings E1 and E2, which were drilled in the area formerly occupied by the truck maintenance garage in the northwestern portion of the Site. ETIC proposes to excavate soil in the vicinity of borings E1 and E2. The proposed excavation measures approximately 30 feet long by 10 feet wide and is shown on Figure 12. This excavation will extend to approximately 14 feet BGS. Soil and groundwater data also indicated the presence of elevated concentrations of TPH-d in the vicinity of the former diesel dispensing system, the oil/water separator system, and the four former 10,000-gallon diesel USTs. The proposed excavation encompasses these impacted areas and will extend to approximately 14 feet BGS (Figure 12).

Prior to excavation, shoring will be installed at the perimeter of the proposed excavation in accordance with the approved shoring plan.

Soil samples will be collected approximately every 20 linear feet along all excavation sidewalls at a depth corresponding to the soil/groundwater interface. If groundwater has not accumulated in the bottom of the excavations, soil samples will also be collected from the floor of each excavation at a density of at least one sample per 400 square feet. Soil sampling details and laboratory analyses are described in Section 8.6.

Soil generated during excavation may be directly loaded into trucks for offsite disposal or stockpiled on and covered with plastic sheeting and temporarily stored onsite until transported to an approved disposal facility.

8.5 EXCAVATION DEWATERING

Each excavation will be dewatered to remediate affected groundwater, to provide stability for the excavations, and to allow for proper backfilling and compaction. Groundwater will be pumped into a holding tank, removed from the tank as necessary, and transported to a licensed

treatment or disposal facility. If present, groundwater samples will be collected from the excavations. Details concerning sampling and laboratory analyses are described in Section 8.6.

8.6 SOIL AND GROUNDWATER SAMPLING AND ANALYSES

Soil samples will be collected from the excavation for the settling sump, the two-chambered grease trap, and the remedial excavations. A PID will be used to monitor for organic vapors. Measurements of headspace vapors from soil samples will be recorded. If any unusual stains or odors are evident in the soil, additional samples may be collected for laboratory analyses. Soil samples will be collected using 6-inch diameter stainless steel liners. The sample liners will be filled in a manner to eliminate headspace. The liners will be sealed with Teflon sheets and plastic end caps, labeled, stored on ice in a thermally insulated cooler, and transported under chain-of-custody protocol to a state-certified analytical laboratory. All reusable sampling equipment will be thoroughly washed with a Liqui-Nox solution, rinsed with tap water, and then rinsed with distilled water after each use.

Soil samples collected from the oil/water separator system will be analyzed according to the Recommended Minimum Verification Analyses for Underground Storage Tank Leaks, which is included in Appendix E. Usage of the oil/water separator system most closely resembles that for a used oil tank; therefore, the proposed laboratory analyses for soil samples collected during the sump removal are in general accordance with the recommendations for a used oil tank. The soil samples collected from the oil/water separator system will be analyzed for TPH-g by EPA Method 8260B; TPH-d and TPH-mo by EPA Method 8015M; total oil and grease by EPA Method 9070; volatile organic compounds (VOCs) including BTEX, five fuel oxygenates (DIPE, ETBE, MTBE, TAME, and TBA), and two fuel additives (EDB and EDC) by EPA Method 8260B; polynuclear aromatic hydrocarbons (PNAs) by EPA Method 8270D; polychlorinated biphenyls (PCBs) by EPA Method 8082 or 8270D; and the LUFT five metals (cadmium, chromium, lead, nickel, and zinc) by EPA Method 6010.

Soil samples collected from the remedial excavations will be analyzed for TPH-d by EPA Method 8015M with a silica gel clean-up.

If groundwater is present, groundwater samples will be collected from the excavations using new pre-cleaned disposable bailers. The samples will be collected in clean 40-mL, hydrochloric-acid-preserved VOAs supplied by the analytical laboratory. The sample containers will be sealed, labeled, stored on ice in a cooler, and transported under chain-of-custody protocol to the laboratory. Groundwater samples will be analyzed for TPH-d by EPA Method 8015M with a silica gel clean-up.

8.7 SITE RESTORATION

Upon completion of source removal activities, the remedial excavations will be backfilled, compacted, and resurfaced. Any water in the excavations will be extracted to allow proper

backfilling of the excavations. Clean fill will be imported and used to backfill each excavation. The fill will be placed in 12-inch lifts and compacted. Field density testing will be performed to ensure that the compaction meets or exceeds minimum requirements. The site will be restored to pre-excavation conditions and provide for adequate drainage. The excavations will backfilled and the surface restored with concrete pavement.

8.8 WASTE CONTAINMENT AND DISPOSAL

Sludge, sediment, and/or rinsate water derived from oil/water separator system removal activities will be contained in DOT-approved drums and stored temporarily at the Site. Excavated soil may be directly loaded into truck for offsite disposal or stockpiled on, and covered with, plastic sheeting, pending arrangements for disposal. Samples of the waste will be collected and submitted for laboratory analyses, in accordance with disposal facility requirements. Groundwater pumped from the excavations, if present, will be temporarily stored in an onsite holding tank until transported to an approved disposal treatment or disposal facility. All waste will be profiled and delivered to approved disposal facilities. Metals, concrete, and other demolition debris will be transported to an appropriate recycling facility.

8.9 DATA EVALUATION AND REPORTING

ETIC will prepare a written report describing the oil/water separator system removal and the remedial excavation activities. Field procedures and laboratory methods will be described in the source removal report, and technical data collected during the sampling program will be tabulated and evaluated. The report will also include a narrative summary of field and analytical data. Based on the effectiveness of source removal, recommendations may be presented for post-remediation monitoring and closure tasks.

9.0 SENSITIVE RECEPTOR SURVEY AND CONDUIT STUDY

ETIC proposes to perform a sensitive receptor survey for the Site and vicinity. As part of the sensitive receptor survey, a well search will be performed and bodies of surface water will be identified within 2,000 feet of the Site. Local receptors such as schools and residential areas will be identified in the site vicinity. A conduit study will be performed to identify and evaluate subsurface utilities in the immediate vicinity. The results of the sensitive receptor survey and conduit study will be presented in a written report, and will assist in the evaluation of potentially-complete exposure pathways for the residual TPH-d impacts at the Site.

10.0 SCHEDULE

Upon approval of the proposed work, ETIC will obtain permits for partial removal of the truck wash building, removal of the oil/water separator, soil excavation, and grading from the City of

Oakland. Once the shoring plan is approved and the appropriate permits are obtained from the City of Oakland, ETIC will schedule excavation activities at the Site. Field activities will be performed over a period of approximately 7 to 8 weeks. A written report summarizing the results of remedial efforts will be completed approximately 120 days following the receipt of analytical data for soil and groundwater samples collected during remediation activities.

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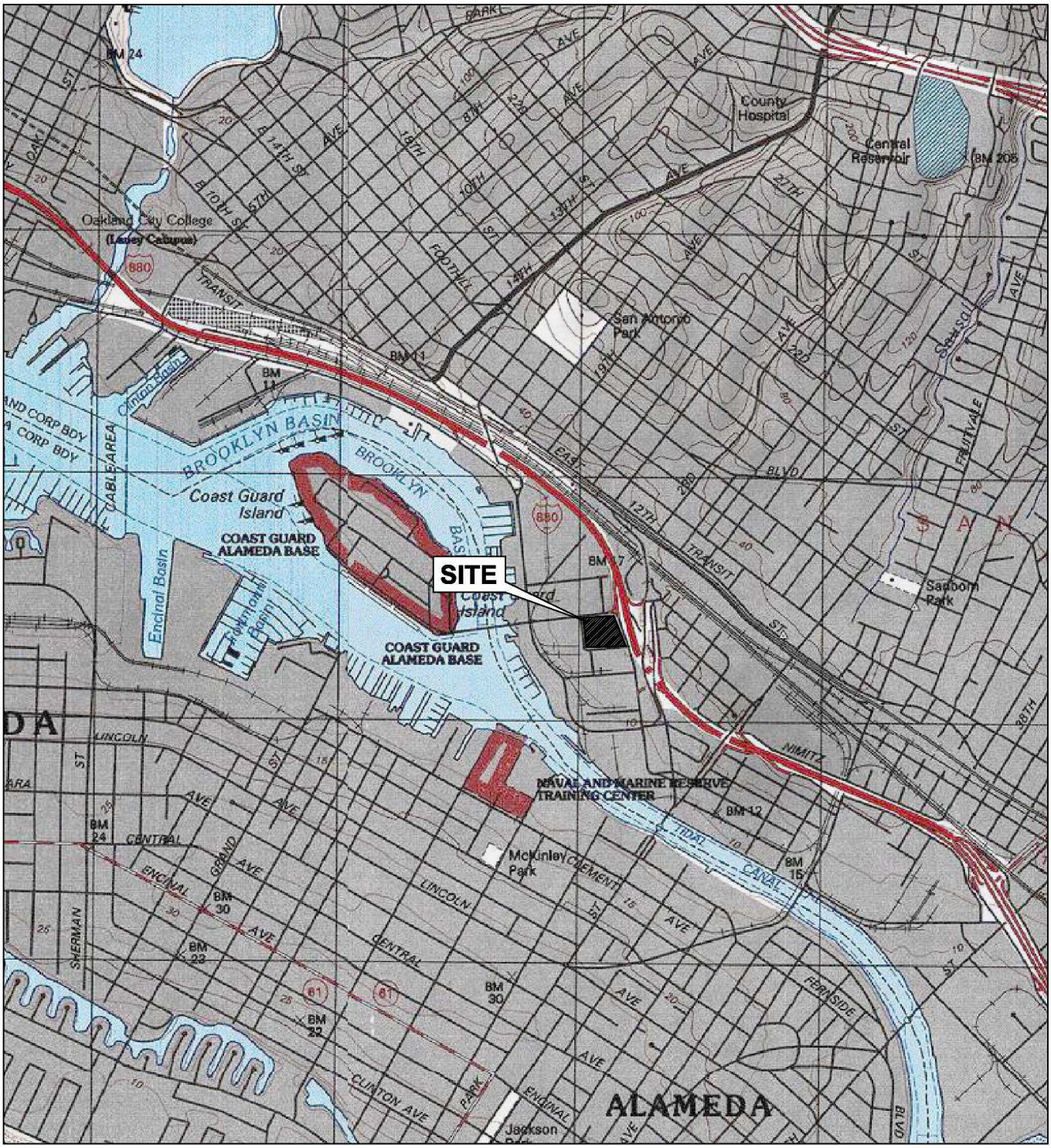
Figures



SOURCE: USGS Topographic Map

N

0 2000

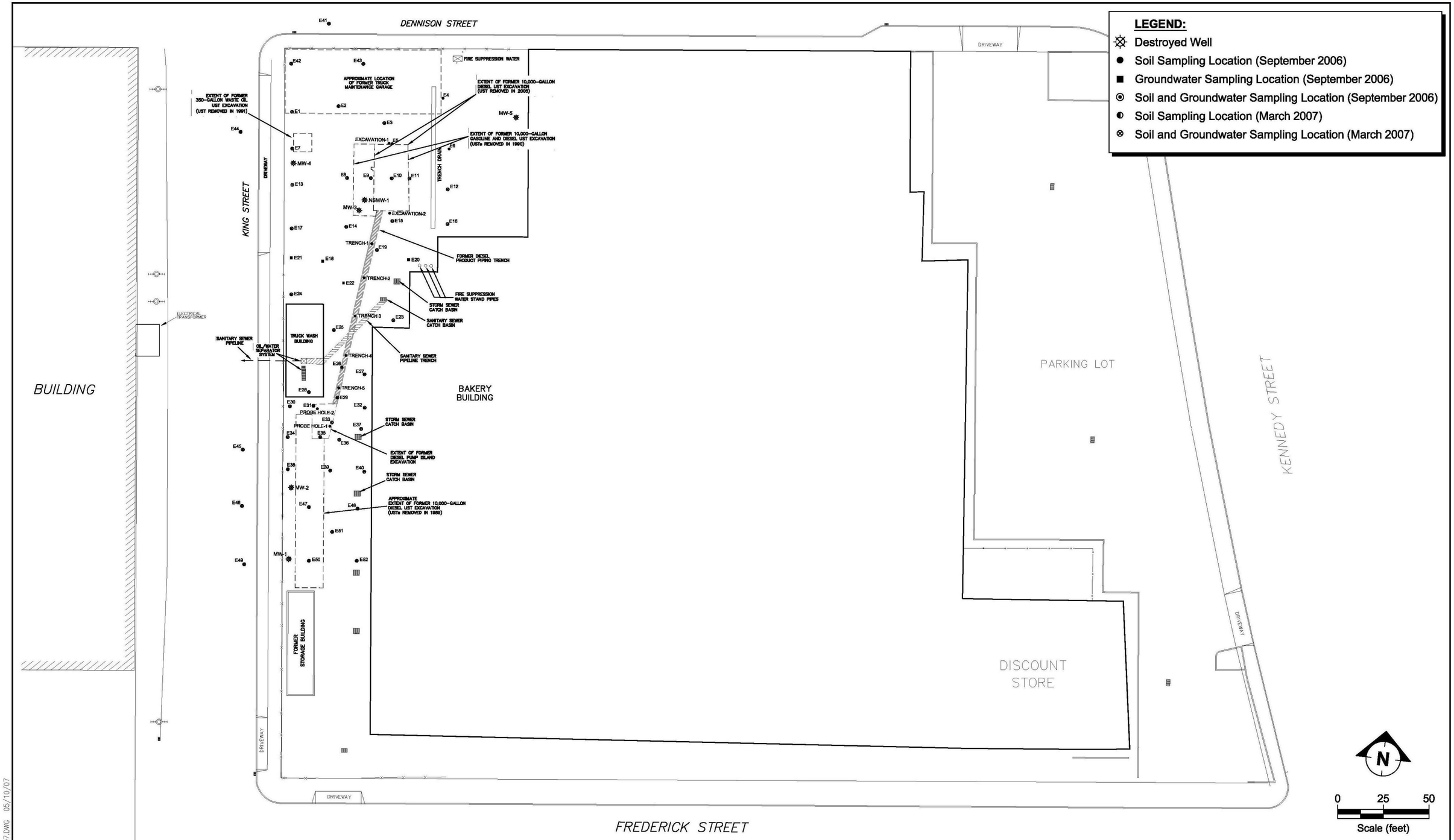
Scale (feet)

ETIC ENGINEERING

SITE LOCATION AND TOPOGRAPHIC MAP
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE: 1

FILENAME: TOPO1006.DWG 10/23/06



LEGEND:

- Destroyed Well
- Soil Sampling Location (September 2006)
- Groundwater Sampling Location (September 2006)
- Soil and Groundwater Sampling Location (September 2006)
- Soil Sampling Location (March 2007)
- Soil and Groundwater Sampling Location (March 2007)

N

0 25 50

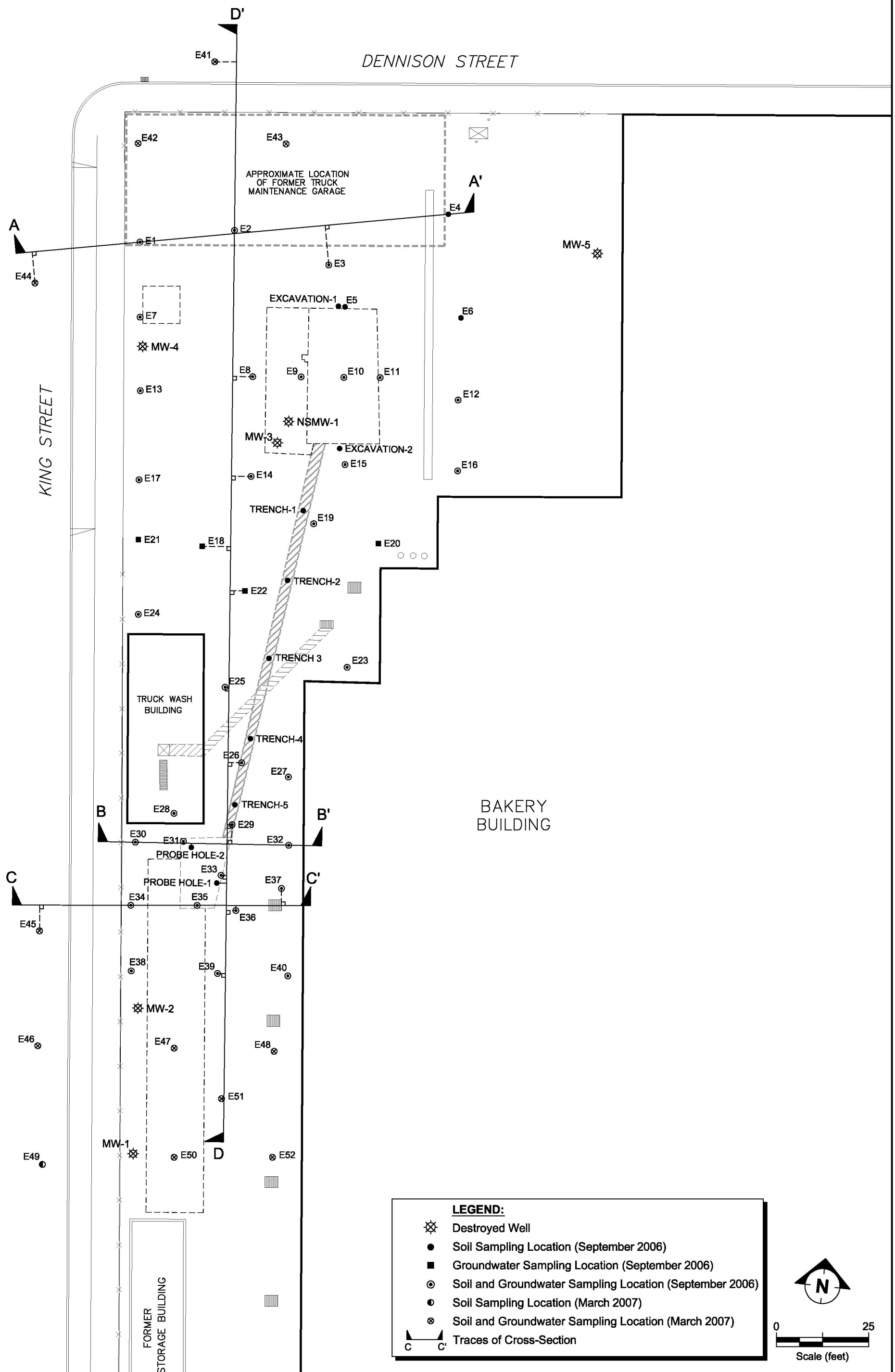
Scale (feet)

FILENAME: VICINITY0507.DWG 05/10/07

ETIC ENGINEERING

SITE VICINITY MAP
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE: 2

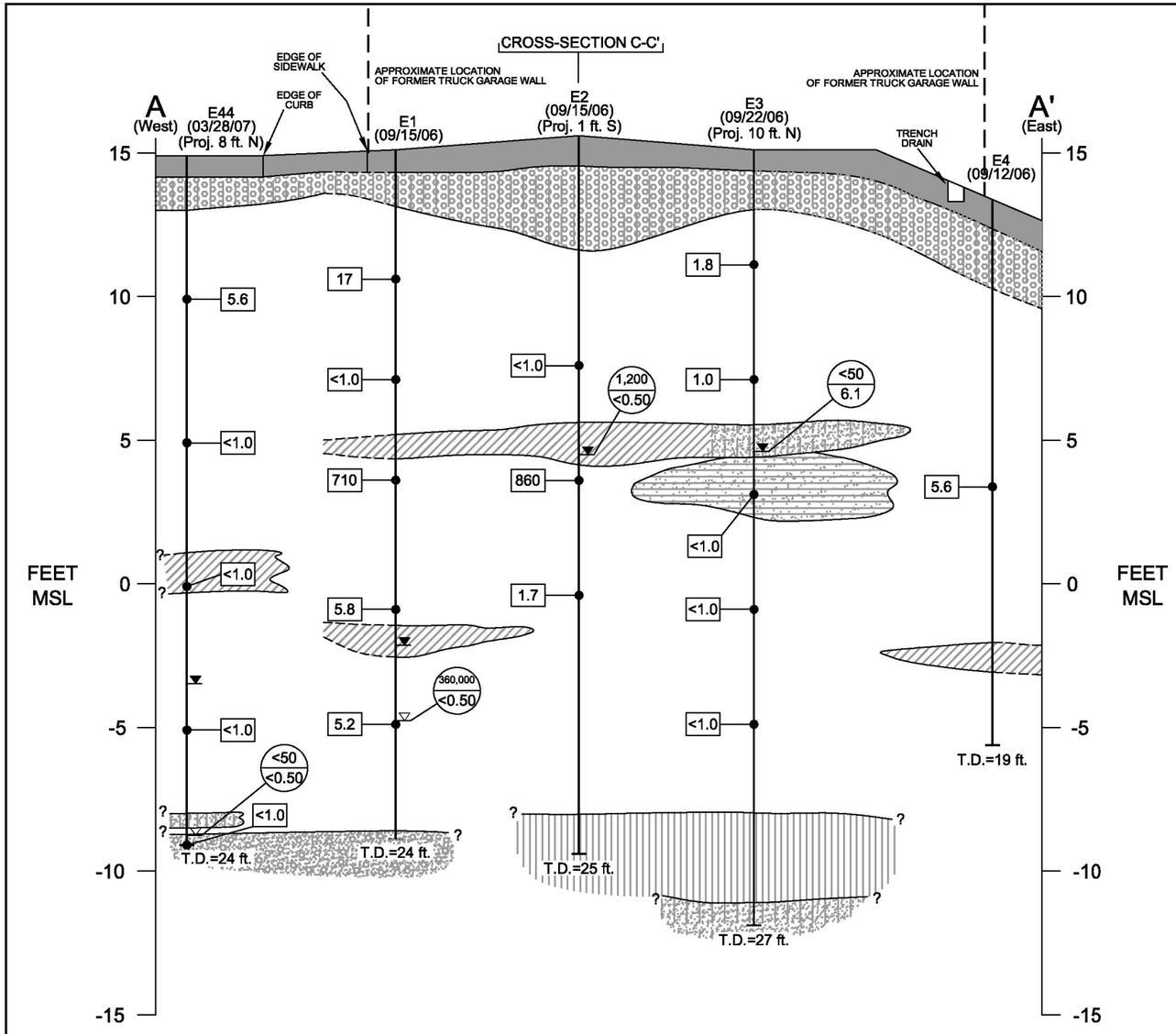


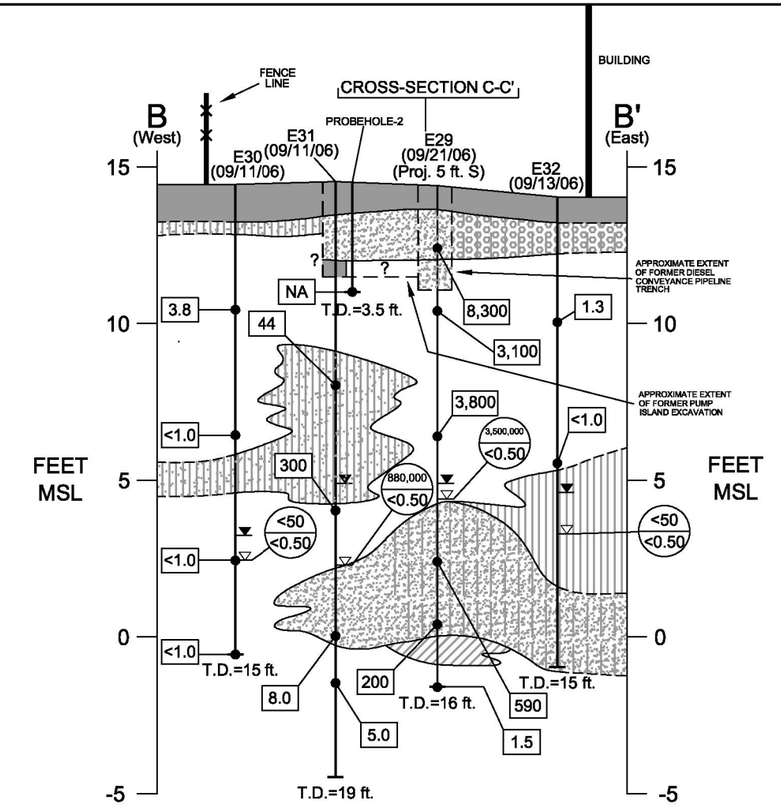
ETIC ENGINEERING

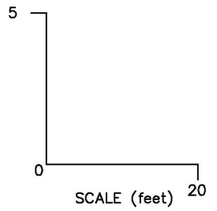
SITE MAP SHOWING SAMPLING LOCATIONS AND TRACES OF GEOLOGIC CROSS-SECTIONS
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE: 3

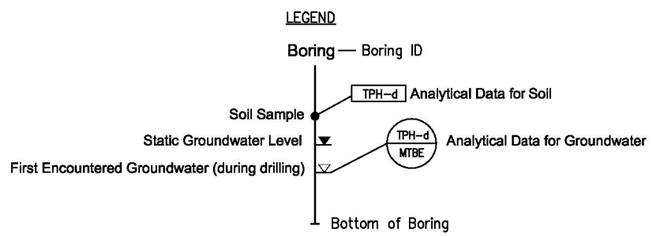
FILENAME: SECTIONS0407.DWG 04/24/07

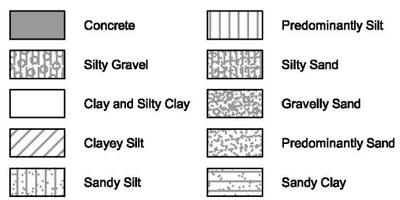






LEGEND





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

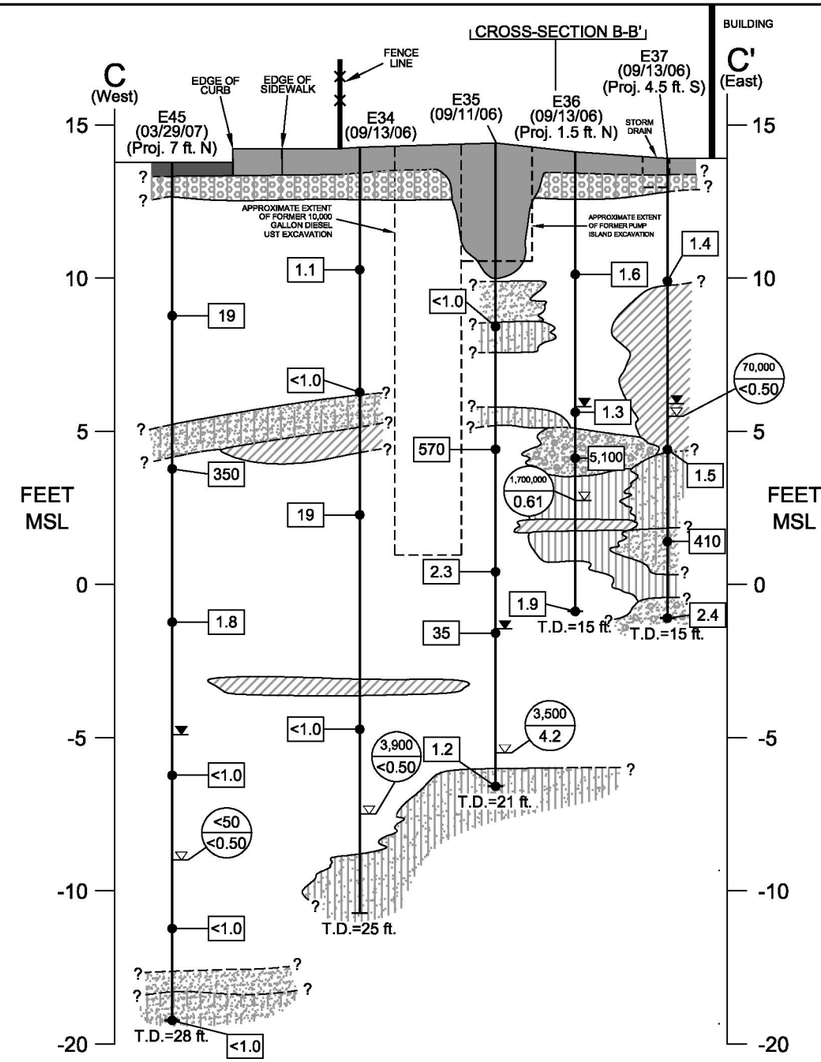
Notes:
Soil analytical data in milligrams per kilogram (mg/kg).
Groundwater analytical data in micrograms per liter (ug/L).
Elevations are relative to North American Vertical Datum of 1988.

ETIC ENGINEERING

GEOLOGIC CROSS-SECTIONS A-A' AND B-B'
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE: **4**

FILENAME: SITE1106.DWG 11/30/06



LEGEND

Boring — Boring ID

Soil Sample — TPH–d — Analytical Data for Soil

Static Groundwater Level — TPH–d / MTBE — Analytical Data for Groundwater

First Encountered Groundwater (during drilling)

Bottom of Boring

- Concrete
- Silty Gravel
- Clay and Silty Clay
- Clayey Silt
- Sandy Silt
- Predominantly Silt
- Silty Sand
- Gravelly Sand
- Predominantly Sand
- Sandy Clay

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.

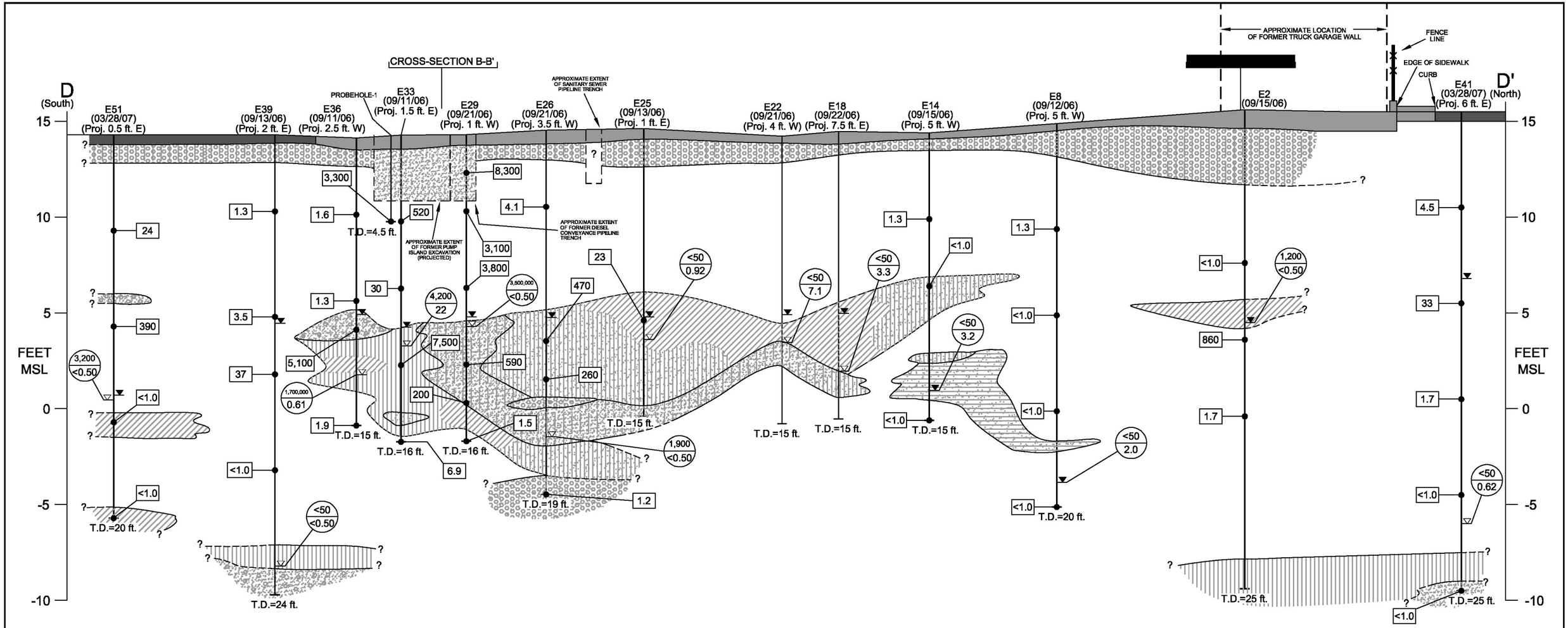
5 — 0 — 20 SCALE (feet)

ETIC ENGINEERING

GEOLOGIC CROSS-SECTION C-C'
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE: **5**

FILENAME: SITE1106.DWG 11/30/06



LEGEND

Boring — Boring ID

TPH–d Analytical Data for Soil

Soil Sample

Static Groundwater Level

First Encountered Groundwater (during drilling)

TPH–d / MTBE Analytical Data for Groundwater

Bottom of Boring

- Asphalt
- Concrete
- Silty Gravel
- Clay and Silty Clay
- Clayey Silt
- Sandy Silt
- Predominantly Silt
- Silty Sand
- Gravelly Sand
- Predominantly Sand
- Sandy Gravel
- Sandy Clay

TPH-d	Total Petroleum Hydrocarbons quantified as diesel
MTBE	Methyl Tertiary Butyl Ether
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.

5
0
SCALE (feet) 20

ETIC ENGINEERING

GEOLOGIC CROSS-SECTION D-D'
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE: 6

FILENAME: 102007.DWG 04/12/2007

DENNISON STREET

APPROXIMATE LOCATION OF FORMER TRUCK MAINTENANCE GARAGE

EXCAVATION-1

EXCAVATION-2

TRENCH-1

TRENCH-2

TRENCH 3

TRENCH-4

TRENCH-5

PROBE HOLE-1

PROBE HOLE-2

TRUCK WASH BUILDING

FORMER STORAGE BUILDING

BAKERY BUILDING

MW-1

MW-2

MW-3

MW-4

NSMW-1

E1

Date	Depth (feet)	TPH-d
09/15/06	4.5	**17**
09/15/06	8	<1.0
09/15/06	11.5	**710**
09/15/06	16	**5.8**
09/15/06	20	**5.2**

E2

Date	Depth (feet)	TPH-d
09/15/06	8	<1.0
09/15/06	12	**860**
09/15/06	16	**1.7**

E3

Date	Depth (feet)	TPH-d
09/22/06	4	**1.8**
09/22/06	8	**1.0**
09/22/06	12	<1.0
09/22/06	16	<1.0
09/22/06	20	<1.0

E4

Date	Depth (feet)	TPH-d
09/12/06	10	**5.6**

E5

Date	Depth (feet)	TPH-d
09/12/06	5	**1.7**
09/12/06	10	<1.0
09/12/06	15	<1.0
09/12/06	20	<1.0

E6

Date	Depth (feet)	TPH-d
09/12/06	5	**1.7**
09/12/06	9	**32**
09/12/06	10	**4.1**

E7

Date	Depth (feet)	TPH-d
09/12/06	5.5	**1.3**
09/12/06	10	<1.0
09/12/06	15	<1.0
09/12/06	20	<1.0

E8

Date	Depth (feet)	TPH-d
09/21/06	16	<1.0
09/21/06	20	<1.0
09/21/06	24	<1.0
09/21/06	27.5	<1.0
09/21/06	32	<1.0

E9

Date	Depth (feet)	TPH-d
09/21/06	20	**1.3**
09/21/06	24	<1.0
09/21/06	28	<1.0

E10

Date	Depth (feet)	TPH-d
03/09/05	--	<1.0

E11

Date	Depth (feet)	TPH-d
09/12/06	5	<1.0
09/12/06	10.5	<1.0
09/12/06	15	<1.0
09/12/06	20	<1.0

E12

Date	Depth (feet)	TPH-d
09/12/06	10	**1.5**

E13

Date	Depth (feet)	TPH-d
09/15/06	5	**1.1**
09/15/06	8	<1.0
09/15/06	12	<1.0
09/15/06	18.5	<1.0

E14

Date	Depth (feet)	TPH-d
09/15/06	4.5	**1.3**
09/15/06	8	<1.0
09/15/06	15	<1.0

E15

Date	Depth (feet)	TPH-d
09/12/06	10.5	<1.0

E16

Date	Depth (feet)	TPH-d
09/21/06	4	<1.0
09/21/06	8.5	<1.0
09/21/06	12	<1.0
09/21/06	19	<1.0

E17

Date	Depth (feet)	TPH-d
09/21/06	8	**1.6**
09/21/06	12	<1.0
09/21/06	19	**1.5**

E18

Date	Depth (feet)	TPH-d
09/15/06	14.5	<1.0

E19

Date	Depth (feet)	TPH-d
03/09/05	--	<1.0

E20

Date	Depth (feet)	TPH-d
09/22/06	8	**3.6**
09/22/06	12	**1.1**
09/22/06	16	<1.0

E21

Date	Depth (feet)	TPH-d
09/22/06	4	**1.5**
09/22/06	8.5	**1.1**
09/22/06	15	**1.6**

E22

Date	Depth (feet)	TPH-d
09/13/06	10	**23**

E23

Date	Depth (feet)	TPH-d
09/13/06	5	**1.2**
09/13/06	8.5	**1.2**

E24

Date	Depth (feet)	TPH-d
09/21/06	4	**4.1**
09/21/06	11	**470**
09/21/06	13	**260**
09/21/06	19	**1.2**

E25

Date	Depth (feet)	TPH-d
09/11/06	4.5	**76**
09/11/06	10	**58**
09/11/06	15	**5.8**

E26

Date	Depth (feet)	TPH-d
09/11/06	4	**3.8**
09/11/06	8	<1.0
09/11/06	12	<1.0
09/11/06	15	<1.0

E27

Date	Depth (feet)	TPH-d
09/13/06	2	**8,300**
09/21/06	4	**3,100**
09/21/06	8	**3,800**
09/21/06	12	**590**
09/21/06	14	**200**
09/21/06	16	**1.5**

E28

Date	Depth (feet)	TPH-d
09/11/06	6.5	**44**
09/11/06	10.5	**300**
09/11/06	14.5	**8.0**
09/11/06	16	**5.0**

E29

Date	Depth (feet)	TPH-d
09/13/06	4	**1.3**
09/13/06	8.5	<1.0

E30

Date	Depth (feet)	TPH-d
09/13/06	4	**1.1**
09/13/06	8	<1.0
09/13/06	12	**19**
09/13/06	19	<1.0

E31

Date	Depth (feet)	TPH-d
09/13/06	4	**1.4**
09/13/06	9.5	**1.5**
09/13/06	12.5	**410**
09/13/06	15	**2.4**

E32

Date	Depth (feet)	TPH-d
09/11/06	4.5	**520**
09/11/06	8	**30**
09/11/06	12	**7,500**
09/11/06	16	**6.9**

E33

Date	Depth (feet)	TPH-d
04/09/03	4.5	**3,300**

E34

Date	Depth (feet)	TPH-d
09/11/06	6	<1.0
09/11/06	10	**570**
09/11/06	14	**2.3**
09/11/06	18	**35**
09/11/06	21	**1.2**

E35

Date	Depth (feet)	TPH-d
09/11/06	4	**1.6**
09/11/06	8.5	**1.3**
09/11/06	10	**5,100**
09/11/06	15	**1.9**

E36

Date	Depth (feet)	TPH-d
09/13/06	4	<1.0
09/13/06	8	<1.0
09/13/06	11	**420**
09/13/06	12	**140**
09/13/06	16	**1.0**
09/13/06	19	<1.0

E37

Date	Depth (feet)	TPH-d
09/13/06	4	**1.3**
09/13/06	9.5	**3.5**
09/13/06	12.5	**37**
09/13/06	17.5	<1.0

E38

Date	Depth (feet)	TPH-d
03/29/07	5	**19**
03/29/07	10	**350**
03/29/07	15	**1.8**
03/29/07	20	<1.0
03/29/07	25	<1.0
03/29/07	28	<1.0

E39

Date	Depth (feet)	TPH-d
03/28/07	5	**80**
03/28/07	10	**27**
03/28/07	15	**10**

E40

Date	Depth (feet)	TPH-d
03/28/07	4	**2.5**
03/28/07	9	**2.4**
03/28/07	12.5	**320**
03/28/07	15	**130**
03/28/07	20	<1.0
03/28/07	25	<1.0

E41

Date	Depth (feet)	TPH-d
03/28/07	5	**4.5**
03/28/07	10	**33**
03/28/07	15	**1.7**
03/28/07	20	<1.0
03/28/07	25	<1.0

E42

Date	Depth (feet)	TPH-d
03/29/07	5	**8.8**
03/29/07	10	**7.2**
03/29/07	15	**2.5**
03/29/07	20	<1.0
03/29/07	25	<1.0

E43

Date	Depth (feet)	TPH-d
03/09/05	--	<1.0

E44

Date	Depth (feet)	TPH-d
03/28/07	5	**5.6**
03/28/07	10	<1.0
03/28/07	15	<1.0
03/28/07	20	<1.0
03/28/07	24	<1.0

E45

Date	Depth (feet)	TPH-d
03/29/07	5	**19**
03/29/07	10	**350**
03/29/07	15	**1.8**
03/29/07	20	<1.0
03/29/07	25	<1.0
03/29/07	28	<1.0

E46

Date	Depth (feet)	TPH-d
03/29/07	5	**1.7**
03/29/07	10	**1,800**
03/29/07	12	**180**
03/29/07	15	**1.2**
03/29/07	20	<1.0
03/29/07	25	<1.0
03/29/07	28	<1.0

E47

Date	Depth (feet)	TPH-d
03/28/07	5	**80**
03/28/07	10	**27**
03/28/07	15	**10**

E48

Date	Depth (feet)	TPH-d
03/28/07	4	**2.5**
03/28/07	9	**2.4**
03/28/07	12.5	**320**
03/28/07	15	**130**
03/28/07	20	<1.0
03/28/07	25	<1.0

E49

Date	Depth (feet)	TPH-d
03/29/07	5	**26**
03/29/07	8.5	**560**
03/29/07	10	**100**
03/29/07	15	**14**
03/29/07	20	<1.0
03/29/07	25	<1.0
03/29/07	28	<1.0

E50

Date	Depth (feet)	TPH-d
03/28/07	5	**65**
03/28/07	10	**100**
03/28/07	15	**3.0**

E51

Date	Depth (feet)	TPH-d
09/13/06	4.5	<1.0
09/13/06	8	**2.8**
09/13/06	10	**190**
09/13/06	12	**18**
09/13/06	16	<1.0

E52

Date	Depth (feet)	TPH-d
03/28/07	5.5	**1.4**
03/28/07	10	**3.4**
03/28/07	12.5	**220**
03/28/07	15.5	**180**
03/28/07	20	<1.0

E53

Date	Depth (feet)	TPH-d
03/28/07	5	**24**
03/28/07	10	**390**
03/28/07	15	<1.0
03/28/07	20	<1.0

LEGEND:

- Destroyed Well
- Soil Sampling Location (September 2006)
- Groundwater Sampling Location (September 2006)
- Soil and Groundwater Sampling Location (September 2006)
- Soil Sampling Location (March 2007)
- Soil and Groundwater Sampling Location (March 2007)

TPH-d Total Petroleum Hydrocarbons quantified as diesel

Note: Soil analytical data in milligrams per kilogram (mg/kg).

N

0 25

Scale (feet)

ETIC ENGINEERING

SITE MAP SHOWING TPH-d IN SOIL
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE: 7

FILENAME: DATA407.DWG 04/18/07

DENNISON STREET

Date	TPH-d
03/28/07	<50

E41

Date	TPH-d
03/29/07	**840**

E42

E43

Date	TPH-d
03/29/07	<50

Date	TPH-d
09/15/06	**1,200**

E2

APPROXIMATE LOCATION OF FO... MAINTEN...

Date	TPH-d
09/22/06	<50

E3

E4

Date	TPH-d
09/15/06	**360,000**

E1

Date	TPH-d
09/15/06	<50

MW-5

Date	TPH-d
09/21/06	<50

E44

Date	TPH-d
09/12/06	<50

EXCAVATION-1

E5

E6

E7

Date	TPH-d
03/28/07	<50

MW-4

Date	TPH-d
09/12/06	<50

E8

E9

E10

E11

Date	TPH-d
09/15/06	<50

E13

E12

Date	TPH-d
09/12/06	**260**

NSMW-1

MW-3

EXCAVATION-2

Sample ID	Date	TPH-d
E09-10-W	09/21/06	<50
E09-28-W	09/21/06	<50

E15

E16

Date	TPH-d
09/12/06	<50

Date	TPH-d
09/21/06	**120**

E17

E14

Date	TPH-d
09/21/06	<50

TRENCH-1

E19

Date	TPH-d
09/15/06	<50

Date	TPH-d
09/15/06	<50

E21

E18

E20

Date	TPH-d
09/22/06	<50

Date	TPH-d
09/22/06	<50

TRENCH-2

E22

Date	TPH-d
09/22/06	<50

E24

TRENCH 3

E23

Date	TPH-d
09/21/06	<50

E25

Date	TPH-d
09/22/06	<50

TRUCK WASH BUILDING

Date	TPH-d
09/13/06	<50

TRENCH-4

Date	TPH-d
09/13/06	<50

E26

E27

Date	TPH-d
09/21/06	**1,900**

Date	TPH-d
09/21/06	**3,500,000**

TRENCH-5

E28

E29

BAKERY BUILDING

Date	TPH-d
09/11/06	**68,000**

E30

E31

E32

Date	TPH-d
09/13/06	<50

PROBE HOLE-2

Date	TPH-d
09/11/06	<50

E33

Date	TPH-d
09/11/06	**4,200**

PROBE HOLE-1

E37

Date	TPH-d
09/11/06	**880,000**

E34

E35

Date	TPH-d
09/13/06	**70,000**

E36

E45

Date	TPH-d
09/11/06	**1,700,000**

Date	TPH-d
03/29/07	<50

Date	TPH-d
09/11/06	**3,500**

E38

E39

E40

Date	TPH-d
09/13/06	**3,900**

MW-2

Date	TPH-d
09/13/06	**3,400**

Date	TPH-d
09/13/06	<50

E46

E47

E48

Date	TPH-d
09/13/06	**3,100**

Date	TPH-d
03/28/07	**22,000**

Date	TPH-d
03/28/07	<50

E51

Date	TPH-d
03/28/07	**3,200**

Date	TPH-d
03/29/07	**250**

MW-1

E49

E50

E52

Date	TPH-d
03/28/07	**200**

Date	TPH-d
03/28/07	**7,300**

FORMER STORAGE BUILDING

LEGEND:

- Destroyed Well
- Soil Sampling Location (September 2006)
- Groundwater Sampling Location (September 2006)
- Soil and Groundwater Sampling Location (September 2006)
- Soil Sampling Location (March 2007)
- Soil and Groundwater Sampling Location (March 2007)
- TPH-d: Total Petroleum Hydrocarbons quantified as diesel

Note: Groundwater analytical data in micrograms per liter (ug/L).

N

0 25

Scale (feet)

ETIC ENGINEERING

SITE MAP SHOWING TPH-d IN GROUNDWATER
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE: 8

FILENAME: DATA407.DWG 04/18/07

DENNISON STREET

Date	MTBE
03/28/07	**0.62**

E41

Date	MTBE
03/29/07	<0.50

E42

Date	MTBE
03/29/07	<0.50

E43

Date	MTBE
09/15/06	<0.50

E2

APPROXIMATE LOCATION OF FORMER TRUCK MAINTENANCE GARAGE

Date	MTBE
09/22/06	**6.1**

E4

Date	MTBE
09/15/06	<0.50

E1

Date	MTBE
03/28/07	<0.50

E44

E3

MW-5

Date	MTBE
09/21/06	<0.50

Date	MTBE
09/12/06	**2.0**

EXCAVATION-1 E5

E6

Date	MTBE
09/15/06	<0.50

E7

Date	MTBE
09/15/06	<0.50

MW-4

Date	MTBE
09/12/06	<0.50

E8 E9 E10 E11

E13

E12

Date	MTBE
09/12/06	<0.50

Sample ID	Date	MTBE
E09-10-W	09/21/06	**7.5**
E09-28-W	09/21/06	<0.50

NSMW-1

MW-3

EXCAVATION-2

E15

E16

Date	MTBE
09/12/06	<0.50

Date	MTBE
09/21/06	<0.50

E17

E14

TRENCH-1

Date	MTBE
09/21/06	**15**

E19

Date	MTBE
09/15/06	**3.2**

Date	MTBE
09/22/06	<0.50

E21

E18

E20

Date	MTBE
09/22/06	<0.50

Date	MTBE
09/22/06	**3.3**

TRENCH-2

E22

Date	MTBE
09/15/06	**2.8**

E24

Date	MTBE
09/22/06	**0.69**

TRENCH 3

E23

Date	MTBE
09/21/06	**7.1**

E25

TRUCK WASH BUILDING

Date	MTBE
09/22/06	<0.50

Date	MTBE
09/13/06	**0.92**

TRENCH-4

Date	MTBE
09/13/06	<0.50

E26

E27

Date	MTBE
09/21/06	<0.50

Date	MTBE
09/11/06	<0.50

E28

TRENCH-5

Date	MTBE
09/21/06	<0.50

E29

BAKERY BUILDING

Date	MTBE
09/11/06	<0.50

E30

E31

E32

Date	MTBE
09/13/06	<0.50

PROBE HOLE-2

Date	MTBE
09/13/06	<0.50

E33

PROBE HOLE-1

E37

Date	MTBE
09/11/06	<0.50

E34

E35

E36

Date	MTBE
09/13/06	<0.50

E45

Date	MTBE
09/11/06	**4.2**

Date	MTBE
09/11/06	**22**

Date	MTBE
03/29/07	<0.50

E38

E39

E40

Date	MTBE
09/11/06	**0.61**

Date	MTBE
09/13/06	<0.50

MW-2

E46

E47

E48

Date	MTBE
09/13/06	<0.50

Date	MTBE
03/29/07	2.4

Date	MTBE
03/28/07	<0.50

E51

Date	MTBE
03/28/07	<0.50

MW-1

E49

E50

E52

Date	MTBE
03/28/07	<0.50

Date	MTBE
03/28/07	<0.50

FORMER STORAGE BUILDING

LEGEND:

- Destroyed Well
- Soil Sampling Location (September 2006)
- Groundwater Sampling Location (September 2006)
- Soil and Groundwater Sampling Location (September 2006)
- Soil Sampling Location (March 2007)
- Soil and Groundwater Sampling Location (March 2007)

MTBE Methyl Tertiary Butyl Ether

Note: Groundwater analytical data in micrograms per liter (ug/L).

N

0 25

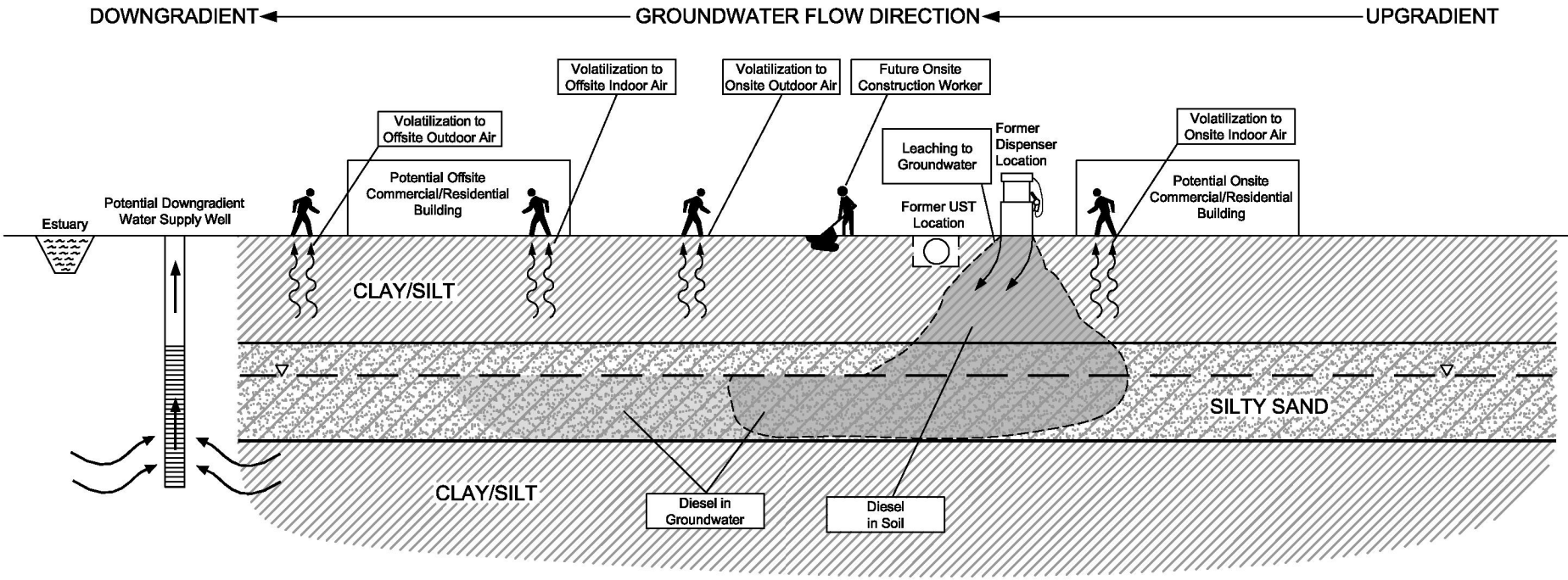
Scale (feet)

ETIC ENGINEERING

SITE MAP SHOWING MTBE IN GROUNDWATER
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE: 9

FILENAME: DATA407.DWG 04/18/07



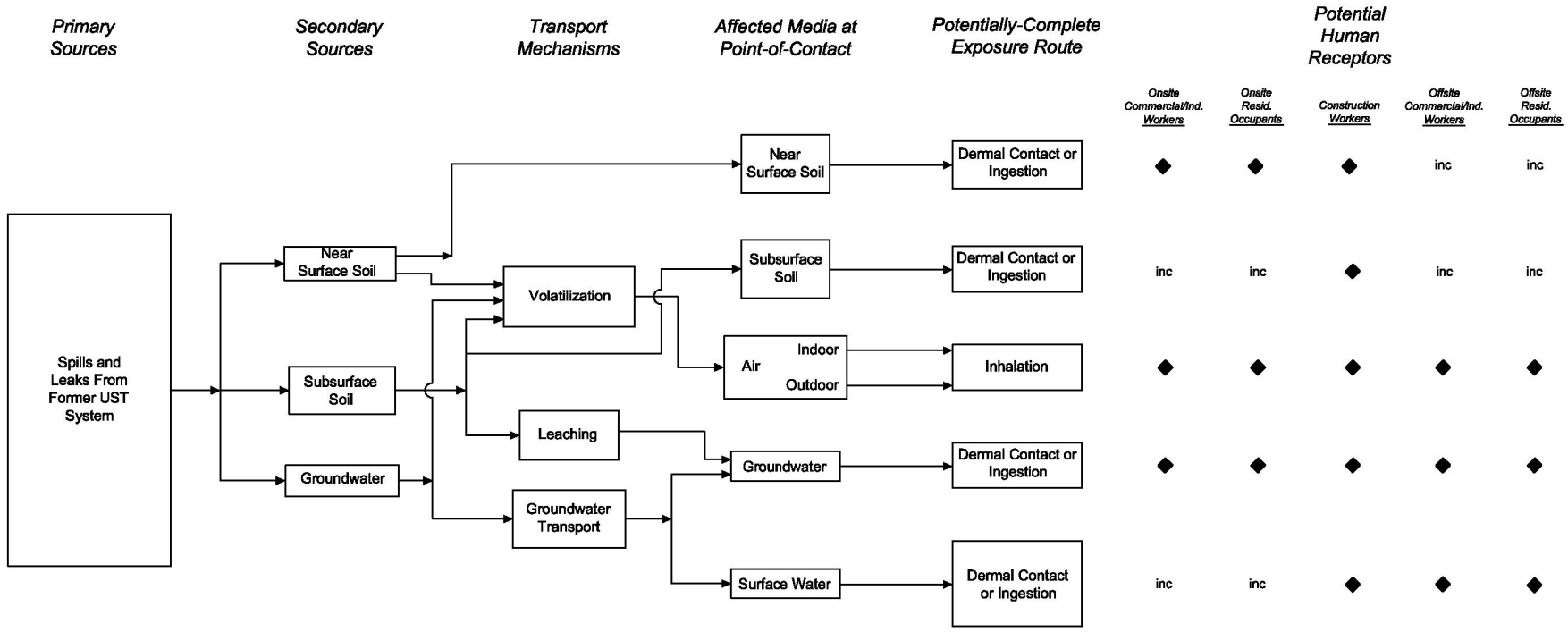
Note: Not to Scale.

ETIC ENGINEERING

SITE CONCEPTUAL MODEL SCHEMATIC DIAGRAM
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE: **10**

FILENAME: SCHEMATIC.DWG 05/18/07



LEGEND

◆ Potentially-Complete Exposure Pathway

inc Incomplete Exposure Pathway

ETIC ENGINEERING

EXPOSURE PATHWAY FLOW CHART
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE: 11

FILENAME: exposure.DWG 05/18/07

DENNISON STREET

KING STREET

APPROXIMATE LOCATION OF FORMER TRUCK MAINTENANCE GARAGE

PROPOSED EXCAVATION AREA

TRUCK WASH BUILDING

BAKERY BUILDING

FORMER STORAGE BUILDING

PROPOSED EXCAVATION AREA

E41 E42 E43 E44 E45 E46 E47 E48 E49 E50 E51 E52

E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13 E14 E15 E16 E17 E18 E19 E20 E21 E22 E23 E24 E25 E26 E27 E28 E29 E30 E31 E32 E33 E34 E35 E36 E37 E38 E39 E40

MW-1 MW-2 MW-3 MW-4 MW-5 NSMW-1

EXCAVATION-1 EXCAVATION-2

TRENCH-1 TRENCH-2 TRENCH 3 TRENCH-4 TRENCH-5

PROBE HOLE-1 PROBE HOLE-2

LEGEND:

- Destroyed Well
- Soil Sampling Location (September 2006)
- Groundwater Sampling Location (September 2006)
- Soil and Groundwater Sampling Location (September 2006)
- Soil Sampling Location (March 2007)
- Soil and Groundwater Sampling Location (March 2007)

N

0 25

Scale (feet)

ETIC ENGINEERING

SITE MAP SHOWING PROPOSED EXCAVATION AREAS
EARTHGRAINS BAKING COMPANIES, INC.
955 KENNEDY STREET
OAKLAND, CALIFORNIA 94606

FIGURE: 12

FILENAME: PROP0507.DWG 05/18/07

Tables

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

			Concentration (mg/kg)							
Sample ID	Date	Depth (feet)	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

			Concentration (mg/kg)							
Sample ID	Date	Depth (feet)	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

			Concentration (mg/kg)							
Sample ID	Date	Depth (feet)	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

			Concentration (mg/kg)							
Sample ID	Date	Depth (feet)	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
E41	03/28/07	5	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**4.5‡**	**19**
E41	03/28/07	10	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**33‡**	**180**
E41	03/28/07	15	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**1.7‡**	< 10
E41	03/28/07	20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	< 10
E41	03/28/07	25	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	< 10
E42	03/29/07	5	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**1.6‡**	< 10
E42	03/29/07	10	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**17**	**15**
E42	03/29/07	15	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**1.3**	< 10
E42	03/29/07	20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	< 10
E42	03/29/07	25	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**1.2***	< 10
E43	03/29/07	5	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**8.8‡**	**29**
E43	03/29/07	10	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**7.2‡**	**23**
E43	03/29/07	15	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**2.5‡**	< 10
E43	03/29/07	20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	< 10
E43	03/29/07	25	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	< 10
E44	03/28/07	5	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**5.6‡**	**20**
E44	03/28/07	10	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	< 10
E44	03/28/07	15	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	< 10
E44	03/28/07	20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	< 10
E44	03/28/07	24	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	< 10
E45	03/29/07	5	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**19‡**	**92**
E45	03/29/07	10	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	**1.4**	**350**	< 10
E45	03/29/07	15	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**1.8**	< 10
E45	03/29/07	20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	< 10
E45	03/29/07	25	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	< 10
E45	03/29/07	28	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	< 10
E46	03/29/07	5	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**1.7**	< 10
E46	03/29/07	10	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	**29**	**1,800**	< 10
E46	03/29/07	12	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	**21**	**180**	< 10
E46	03/29/07	15	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**1.2**	< 10
E46	03/29/07	20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	< 10
E46	03/29/07	25	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	< 10

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

			Concentration (mg/kg)							
Sample ID	Date	Depth (feet)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
E46	03/29/07	28	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	< 10
E47	03/28/07	5	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**80‡**	NA
E47	03/28/07	10	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**27‡**	NA
E47	03/28/07	15	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**10**	NA
E48	03/28/07	4	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**2.5‡**	NA
E48	03/28/07	9	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**2.4**	NA
E48	03/28/07	12.5	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	**2.1**	**320**	NA
E48	03/28/07	15	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	**1.0**	**130**	NA
E48	03/28/07	20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	NA
E48	03/28/07	25	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	NA
E49	03/29/07	5	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**26‡**	NA
E49	03/29/07	8.5	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**560**	NA
E49	03/29/07	10	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**100**	NA
E49	03/29/07	15	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**14‡**	NA
E49	03/29/07	20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	NA
E49	03/29/07	25	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	NA
E49	03/29/07	28	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	NA
E50	03/28/07	5	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**65‡**	NA
E50	03/28/07	10	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**100‡**	NA
E50	03/28/07	15	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**3.0**	NA
E51	03/28/07	5	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**24‡**	NA
E51	03/28/07	10	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**390**	NA
E51	03/28/07	15	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	NA
E51	03/28/07	20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	NA
E52	03/28/07	5.5	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**1.4‡**	NA
E52	03/28/07	10	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**3.4***	NA
E52	03/28/07	12.5	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**220**	NA
E52	03/28/07	15.5	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**180**	NA
E52	03/28/07	20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 1.0	NA

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/cm^3	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

		Concentration (µg/L)							
Sample ID	Date	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

		Concentration (µg/L)							
Sample ID	Date	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
E41	3/28/07	<0.50	<0.50	<0.50	<0.50	**0.62**	**59‡**	<50	**180*** **
E42	3/29/07	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**840**	**240**
E43	3/29/07	<0.50	**0.51**	<0.50	<0.50	<0.50	**53‡**	<50	<100
E44	3/28/07	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	<100
E45	3/29/07	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	<100
E46	3/29/07	<0.50	**0.84**	<0.50	<0.50	**2.4**	<50	**250****	**750*** **
E47	3/28/07	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**22,000**	NA
E48	3/28/07	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	NA
E50	3/28/07	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**7,300**	NA
E51	3/28/07	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**3,200**	NA
E52	3/28/07	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**200**	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 chomatographic pattern.
**	The hydrocarbons reported as TPH-d do not exhibit a typical diesel chromatographic pattern. These hydrocarbons are higher boiling than typical diesel fuel.
***	The hydrocarbons reported as TPH-mo do not exhibit a typical motor oil chromatographic pattern. There are discrete peaks which may or may not be petroleum related.
††	DW was a sample of investigation-derived water waste. Lead was not detected in sample DW.

Appendix A

Regulatory Correspondence

From: "Drogos, Donna, Env. Health" <donna.drogos@acgov.org>
To: "Thomas Neely" <TNeely@eticeng.com>
Date: 4/4/2007 5:45 PM
Subject: RE: Earthgrains, 955 Kennedy Street, Oakland, CA, RO#0002569

Hi Tom,

I reviewed the proposed boring locations on your map & these appear sufficient.

Please send me an SWI report documenting the results of your investigation by June 4, 2007.

Thanks, Donna

Donna L. Drogos, PE
LOP Program Manager
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

510-567-6721
donna.drogos@acgov org

-----Original Message-----
From: Thomas Neely [mailto:TNeely@eticeng.com]
Sent: Monday, March 26, 2007 4:02 PM
To: Drogos, Donna, Env. Health
Cc: Scott Jander
Subject: Fwd: Earthgrains, 955 Kennedy Street, Oakland, CA, RO#0002569

Hi Donna,

I'm not sure whether you received this email, so I am sending it again.

Let me know if you have any questions,

Tom

>>> Thomas Neely 3/13/2007 5:57:00 PM >>>
Donna,

Thank you for taking the time on March 1, 2007, to discuss with me the current environmental case for the Earthgrains Baking Companies, Inc. (Earthgrains) site located at 955 Kennedy Street in Oakland, California. This electronic mail correspondence summarizes the content of our telephone conversation.

During our telephone conversation, we reviewed the Remedial

Investigation Work Plan, dated February 8, 2007, prepared by ETIC Engineering, Inc. (ETIC) and submitted by PSC Environmental Services (PSC). The purpose of the remedial investigation is to further evaluate the extent of petroleum hydrocarbons in soil and groundwater at the site in preparation for remediation.

We also reviewed the analytical data obtained from the subsurface investigation performed at the Earthgrains site in September 2006, and documented in the Soil and Groundwater Quality Investigation Report, dated December 21, 2006. The primary contaminant of concern identified during the investigation was total petroleum hydrocarbons quantified as diesel (TPH-d). Elevated concentrations of TPH-d were detected in soil and groundwater 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 groundwater in the northwestern corner of the Earthgrains site. In general, the highest concentrations of TPH-d were detected in soil at depths of less than 16 feet below grade. Based upon the analytical data obtained during the investigation, the vertical extent of petroleum-hydrocarbon impacts is adequately defined. ETIC also concluded in the December 21, 2006 report that further delineation of the lateral extent of petroleum hydrocarbons in the subsurface is necessary.

For the remedial investigation, ETIC proposes to drill 11 soil borings to collect soil and groundwater samples for laboratory analyses to evaluate the lateral extent of petroleum hydrocarbons in the subsurface. The proposed locations of seven of the soil borings are south and southwest (downgradient) of the former diesel pump island and the previous sampling locations. The proposed locations of four of the soil borings are generally north and west of former borings E1 and E2, where TPH-d was detected in soil and groundwater samples collected in September 2006.

Based upon our review of the investigation report and work plan, you suggested the following tasks be performed:

1) Add one soil boring and stagger its location relative to the proposed grid-like pattern in the area south of the former diesel pump island and former borings E38, E39, and E40. To accomplish this, a twelfth soil boring is proposed and is shown on Figure 9 and attached to this electronic mail correspondence.

2) Consider analyzing samples near the oil/water separator in the truck wash building for solvents and related compounds. To accomplish this, ETIC will collect soil and/or groundwater samples during removal of the oil/water separator and soil excavation planned in that area

These soil samples will be analyzed for volatile organic compounds (VOCs) and other analytes that correspond to the standard waste oil analytical protocol

3) Prepare a geologic cross-section through the former diesel pump island area parallel to and south of B-B' for the site conceptual model. The cross-section will be prepared following the remedial investigation activities.

ETIC has scheduled drilling and sampling activities for the remedial investigation on Wednesday and Thursday, March 28 and 29, 2007. The findings of the remedial investigation will be evaluated and presented to you in a Remedial Investigation Report.

The data from the investigation will also be used to complete a remediation plan for diesel-impacted soil and groundwater. Based upon discussions with PSC, Sara Lee Bakery Group, Inc. (Sara Lee), and Earthgrains, ETIC tentatively plans to excavate impacted soil and extract groundwater from the remedial excavations during May 2007. ETIC also intends to permanently remove the oil/water separator in the truck wash building during the remedial excavation activities. The proposed remediation schedule will accommodate the production activities at the Earthgrains bakery. During our telephone conversation, you indicated that ETIC may proceed with these source removal activities.

Also, ETIC is currently performing a survey to identify potential sensitive receptors at the Earthgrains site and in the site vicinity. The findings from the sensitive receptor survey will be presented to you in a separate written report. ETIC will implement the remaining tasks described in the recommendations section of the Soil and Groundwater Quality Investigation Report, following completion of the excavation and site restoration activities

ETIC and PSC appreciate your time in reviewing this project work plan. If you agree with the above-referenced investigation and source removal activities, then please reply to this electronic mail with your approval. Your formal response will be required in order for Sara Lee to claim fund reimbursement on the proposed corrective-action activities at the site.

Thank you for your attention to these matters.

Respectfully yours,

Tom Neely

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

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

Appendix B

Permits

Alameda County Public Works Agency - Water Resources Well Permit

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

Application Approved on: 02/13/2007 By jamesy

Permit Numbers: W2007-0154
Permits Valid from 03/13/2007 to 05/15/2007

Application Id:	1171044732908	**City of Project Site:**	Oakland
Site Location:	955 Kennedy St, Oakland, CA 94606		
Project Start Date:	03/13/2007	**Completion Date:**	05/15/2007
Applicant:	ETIC Engineering - Thomas Neely 2285 Morello Avenue, Pleasant Hill, CA 94523	**Phone:**	925-602-4716
Property Owner:	Earth Grains Parking Companies Inc. 955 Kennedy St., Oakland, CA 94606	**Phone:**	510-436-5350
Client:	** same as Property Owner **		

	Total Due:	$200.00
Receipt Number: WR2007-0073	**Total Amount Paid:**	$200.00
Payer Name : ETIC	Paid By: CHECK	**PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Geotechnical Study/CPT's - 15 Boreholes
Driller: Vironex Drilling - Lic #: 705927 - Method: other **Work Total: $200.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2007-0154	02/13/2007	06/11/2007	15	2.00 in.	25.00 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. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 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.

5. 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.

6. 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.

PROGRAMS AND SERVICES

Well Standards Program

The Alameda County Public Works Agency, Water Resources is located at:
399 Elmhurst Street
Hayward, CA 94544
For Driving Directions or General Info, Please Contact 510-670-5480 or wells@acpwa.org
For Drilling Permit information and process contact James Yoo at
Phone: 510-670-6633
FAX: 510-782-1939
Email: Jamesy@acpwa.org

Alameda County Public Works is the administering agency of General Ordinance Code, Chapter 6.88. The purpose of this chapter is to provide for the regulation of groundwater wells and exploratory holes as required by California Water Code. The provisions of these laws are administered and enforced by Alameda County Public Works Agency through its Well Standards Program.

Drilling Permit Jurisdictions in Alameda County: There are four jurisdictions in Alameda County

Location: Agency with Jurisdiction Contact Number

Berkeley City of Berkeley Ph: 510-981-7460
Fax: 510-540-5672

Fremont, Newark, Union City Alameda County Water District Ph: 510-668-4460
Fax: 510-651-1760

Pleasanton, Dublin, Livermore, Sunol Zone 7 Water Agency Ph: 925-454-5000
Fax: 510-454-5728

The Alameda County Public Works Agency, Water Resources has the responsibility and authority to issue drilling permits and to enforce the County Water Well Ordinance 73-68. This jurisdiction covers the western Alameda County area of **Oakland, Alameda,Piedmont, Emeryville, Albany, San Leandro, San Lorenzo, Castro Valley,** and **Hayward**. The purpose of the drilling permits are to ensure that any new well or the destruction of wells, including geotechnical investigations and environmental sampling within the above jurisdiction and within Alameda County will not cause pollution or contamination of ground water or otherwise jeopardize the health, safety or welfare of the people of Alameda County.

Permits are required for all work pertaining to wells and exploratory holes at any depth within the jurisdiction of the Well Standards Program. A completed permit application *(30 Kb)** , along with a site map, should be submitted at least **ten (10) working days prior to the planned start of work**. Submittals should be sent to the address or fax number provided on the application form. When submitting an application via fax, please use a high resolution scan to retain legibility.

Fees
Beginning April 11, 2005 , the following fees shall apply:

A permit to construct, rehabilitate, or destroy wells, including cathodic protection wells, but excluding dewatering wells (*Horizontal hillside dewatering and dewatering for construction period only), shall cost $300.00 per well

A permit to bore exploratory holes, including temporary test wells, shall cost $200 per site. A site includes the project parcel as well as any adjoining parcels.

Please make checks payable to: **Treasurer, County of Alameda**

Permit Fees are exempt to State & Federal Projects
Applicants shall submit a letter from the agency requesting the fee exemption.

Scheduling Work/Inspections:
Alameda County Public Works Agency (ACPWA), Water Resources Section requires scheduling and inspection of permitted work. All drilling activities must be scheduled in advance. Availability of inspections will vary from week to week and will come on a first come, first served bases. To ensure inspection availability on your desired or driller scheduled date, the following procedures are required:

Please contact **James Yoo at 510-670-6633** to schedule the inspection date and time (You must have drilling permit approved prior to scheduling).

Schedule the work as far in advance as possible (at least 5 days in advance); and confirm the scheduled drilling date(s) at least 24 hours prior to drilling

Once the work has been scheduled, an ACPWA Inspector will coordinate the inspection requirements as well as how the Inspector can be reached if they are not at the site when Inspection is required. Expect for special circumstances given, all work will require the inspection to be conducted during the working hours of 8:30am to 2:30pm , Monday to Friday, excluding holidays.

Request for Permit Extension:
Permits are only valid from the start date to the completion date as stated on the drilling permit application and Conditions of Approval. To request an extension of a drilling permit application, applicants must request in writing prior to the completion date as set forth in the Conditions of Approval of the drilling permit application. Please send fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa.org. There are no additional fees for permit extensions or for re-scheduling inspection dates. You may not extend your drilling permit dates beyond 90 days from the approval date of the permit application. **NO refunds** shall be given back after 90 days and the permit shall be deemed voided.

Cancel a Drilling Permit:
Applicants may cancel a drilling permit only in writing by mail, fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa.org. If you do not cancel your drilling permit application before the drilling completion date or notify in writing within 90 days, Alameda County Public Works Agency, Water Resources Section may void the permit and No refunds may be given back.

Refunds/Service Charge:
A service charge of $25.00 dollars for the first check returned and $35.00 dollars for each subsequent check returned.

Applicants who cancel a drilling permit application **before** we issue the approved permit(s), will receive a **FULL** refund (at any amount) and will be mailed back within two weeks.

Applicants who cancel a drilling permit application **after** a permit has been issued will then be charged a service fee of $50.00 (fifty Dollars).

To collect the remaining funds will be determined by the amount of the refund to be refunded (see process below).

Board of Supervisors Minute Order, File No. 9763, dated January 9, 1996, gives blanket authority to the Auditor-Controller to process claims, from all County departments for the refund of fees which do not exceed $500 (Five Hundred Dollars)(with the exception of the County Clerk whose limit is $1,500).

Refunds over the amounts must be authorized by the Board of Supervisors Minute Order, File No. 9763 require specific approval by the Board of Supervisors. The forms to request for refunds under $500.00 (Five Hundred Dollars) are available at this office or any County Offices. If the amount is exceeded, a Board letter and Minute Order must accompany the claim. Applicant shall fill out the request form and the County Fiscal department will process the request.

Enforcement
Penalty. Any person who does any work for which a permit is required by this chapter and who fails to obtain a permit shall be guilty of a misdemeanor punishable by fine not exceeding Five Hundred Dollars ($500.00) or by imprisonment not exceeding six months, or by both such fine and imprisonment, and such person shall be deemed guilty of a separate offense for each and every day or portion thereof during which any such

violation is committed, continued, or permitted, and shall be subject to the same punishment as for the original offense. (Prior gen. code §3-160.6)

Enforcement actions will be determined by this office on a case-by-case basis
Drilling without a permit shall be the cost of the permit(s) and a fine of $500.00 (Five Hundred Dollars).

Well Completion Reports (State DWR-188 forms) must be filed with the Well Standards Program within 60 days of completing work. Staff will review the report, assign a state well number, and then forward it to the California Department of Water Resources (DWR). Drillers should not send completed reports to DWR directly. Failure to file a Well Completion Report or deliberate falsification of the information is a misdemeanor; it is also grounds for disciplinary action by the Contractors' State License Board. Also note that filed Well Completion Reports are considered private record protected by state law and can only be released to the well owner or those specifically authorized by government agencies.

See our website (www.acgov.org/pwa/wells/index.shtml) for links to additional forms.

CITY OF OAKLAND • Community and Economic Development Agency
250 Frank H Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • FAX (510) 238-2263

Job Site 955 KENNEDY ST Parcel# 019 -0058-001-01 Appl# X0700245

Descr soil boring on Dennison St Permit Issued 03/09/07

Work Type EXCAVATION-PRIVATE P

USA # Util Co. Job # Acctg#:
Util Fund #:

		Applcnt	Phone#	Lic#	--License Classes--
Owner	KILPATRICKS BAKERIES				
Contractor	VIRONEX INC	X	(510)568-7676	705927	C57
Arch/Engr					
Agent	ETIC/ A MATTHEW		(925)602-4710		
Applic Addr	2110 ADAMS AVE, SAN LEANDRO, CA, 94577				

$414.25	TOTAL FEES PAID AT ISSUANCE		
$61.00	Applic	$300.00	Permit
$.00	Process	$34.30	Rec Mgmt
$.00	Gen Plan	$.00	Invstg
$.00	Other	$18.95	Tech Enh

ADDRESS:

JOB SITE

DIST:

Date: 03/29/07 Amt Paid: 4822.50
By: B.P Inspector: 302 Receipt# 191190

CITY OF OAKLAND • Community and Economic Development Agency

250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • FAX (510) 238-2263

Job Site 955 KENNEDY ST   Parcel# 019 -0058-001-01   Appl# X0700246

Descr soil boring on King St   Permit Issued 03/09/07

Work Type EXCAVATION-PRIVATE P

USA #   Util Co. Job #   Acctg#:

Util Fund #:

		Applcnt	Phone#	Lic#	--License Classes--
Owner	KILPATRICKS BAKERIES				
Contractor	VIRONEX INC	X	(510)568-7676	705927	C57
Arch/Engr					
Agent	ETIC/ A MATTHEW		(925)602-4710		
Applic Addr	2110 ADAMS AVE, SAN LEANDRO, CA, 94577				

$414.25 TOTAL FEES PAID AT ISSUANCE

$61.00	Applic	$300.00	Permit
$.00	Process	$34.30	Rec Mgmt
$.00	Gen Plan	$.00	Invstg
$.00	Other	$18.95	Tech Enh

ADDRESS: ______

DIST: ______

JOB SITE

CITY OF OAKLAND

PERMITS

APPLICATION FOR TRAFFIC CONTROL PLAN

Transportation Services Fee: $100/hour
(Check or Money Order Only)

City of Oakland

COPY

Public Works Agency
Transportation Services Division

Check the box that apply:

☒ New Application (Utility. Excavation)
☐ Renewal Application
☐ New Development w/ Mgmt Plan
☐ City of Oakland Project

Please read the following:

1. Processing time for a Traffic Control Application is a minimum of 10 working days.
2. Traffic Control review is scheduled only on Tuesdays and Thursdays from 8:30am thru 11:30am by appointment only.
3. A scheduled appointment by phone or email with a TSD staff member is necessary to discuss any and all traffic control application and plans
4. Please call ahead to confirm that the traffic control application is ready for pickup @ 510-238-3467.
5. Businesses and residences adjacent to the work area must be provided 72 hour advance notice
6. A completed traffic control application may be faxed to (510) 238-7415.
7. Incomplete traffic control applications will not be processed and will be returned to applicant.
8. The initial approval for a traffic control plan is 1 month, the renewal submittal may be approved up to 3 months.
9. The traffic control provision dates cannot be changed or extended if work has already commenced.
10. Upon receiving TSD approval of the traffic control plan, the applicant (or contractor) shall proceed to the Building Services Division of CEDA to obtain an "Obstruction Permit" CEDA is located at 250 Frank Ogawa Plaza, 2nd Floor, Oakland, CA 94612

Contact Person: THOMAS NEELY Phone: 925-602-4710

Name of Company: ETIC ENGINEERING Fax: 925-602-4720

Address of Company: 2285 MORELLO AVENUE / PLEASANT HILL CA 94523

Describe type of work to be performed: 5 borings (2"-diameter) to be drilled to 25' and grouted same day. Only 1 work zone to be operated at a time. Work only in parking lane.

Location of work: KING STREET Between* DENNISON ST. And* FREDERICK ST.
DENNISON ST Between* KING ST. And* COLTON ST.

* Name the streets that are the boundaries of your work area

Work date (s): 3/12/07 - 3/15/07 ☒ Mon-Fri ☐ Sat-Sun Work Hours: ______ to ______
☐ Mon-Fri ☐ Sat-Sun ______ to ______

Please Follow these Steps to Complete a Traffic Control Plan

A. **Drawing Area:** The full width of all streets adjacent to the site MUST be included in the drawing Include the entire block in which your work is located for every street that is adjacent to your site

B. **Include Street Names, Direction of Traffic on the Street, and North Arrow**

C. **Show Existing Number of Lanes in all Directions** (with any pavement arrows)

D. **Check the Box(s) that Apply:** All checked items **MUST** be shown on the drawing

☐ Lane Closure ☐ Use of Median ☐ Sidewalk Closure (must provide pedestrian walk way)
☐ Street Closures (must provide detour plan) ☒ Use Parking Lane

E. **Show All Dimensions** of street widths (curb to curb). lane widths, sidewalk widths, and work area dimension
(Note: Traffic Control Application / Plans missing the above information will not be accepted or processed.)

F. **Show the Name and Locations** of all advanced warning devices. flaggers, delineators. warning and construction signs to be used

---

RENEWAL PROCESS: Resubmit a completed Traffic Control Application with the old approved plan (with the necessary modifications / changes to the plans)

FOR HELP in constructing a traffic control plan please refer to the "WATCH" hand book or chapter 5 of the MUTCD manual available online at: http://www dot ca gov/hq/traffops/signtech/signdel/chp5/chap5 htm

For our Website: http://www oaklandpw com/transportation/traffic_control_plan htm

3/1/07 3/13-14/07

CITY OF OAKLAND PUBLIC WORKS AGENCY

City of Oakland Public Works Agency
www.oaklandpw.com
PWA Call Center: (510) 615-5566 - pwacallcenter@oaklandnet com

Home | About Us | Departments | Volunteer | Key Services

Transportation Services Division

250 Frank H. Ogawa. Suite 4344, Oakland. CA 94612 (510) 238-3466
Traffic Maintenance: (510) 615-5976

> Home > Departments > Design and Construction Services Department > Transportation Services Division > Application for Traffic Control Plan

Transportation Home

- Application for Traffic Control Plan
- Bicycling
- Guardrail Information
- Residential Permit Parking
- Uptown Traffic Management Plan

Related Information from Public Works:

- ACTIA (Measure B) Projects
- Bus Shelters
- Contract Administration
- Engineering
- Incident Reports
- Measure DD
- Standard Details for Public Works Construction
- Street Lights
- Street Maintenance
- Sustainability
- Traffic Signals

Application for Traffic Control Plan

Q1

To obtain an encroachment. obstruction. or excavation permit, you are required to submit a completed application form and a traffic control plan.

You are not required to submit an application if all of the following conditions are met:

1. The work does not involve obstructing a travel lane or intersection.
2. A minimum of five feet six inches is left unobstructed on all sidewalks

If you are only doing work in the parking lane, you do not need to file an application Depending on the nature of work and size of work area. proposed work in the parking lane may require the closure or partial closure of an adjacent travel lane, in which case an application is required.

Q2

The fee for review and approval of a traffic control plan is $100 per hour. We DO NOT accept credit cards, debit cards, or cash We ONLY accept checks or money orders payable to the "City of Oakland"

You may submit your applications via:

- Fax @: 510-238-7415
- In person @: 250 Frank H Ogawa Plaza Suite 4344, Oakland CA 94612-2033

It takes a minimum of 10 working days to process an application.

The day the application must be picked up, please call ahead of time for confirmation, otherwise applications will not be ready.

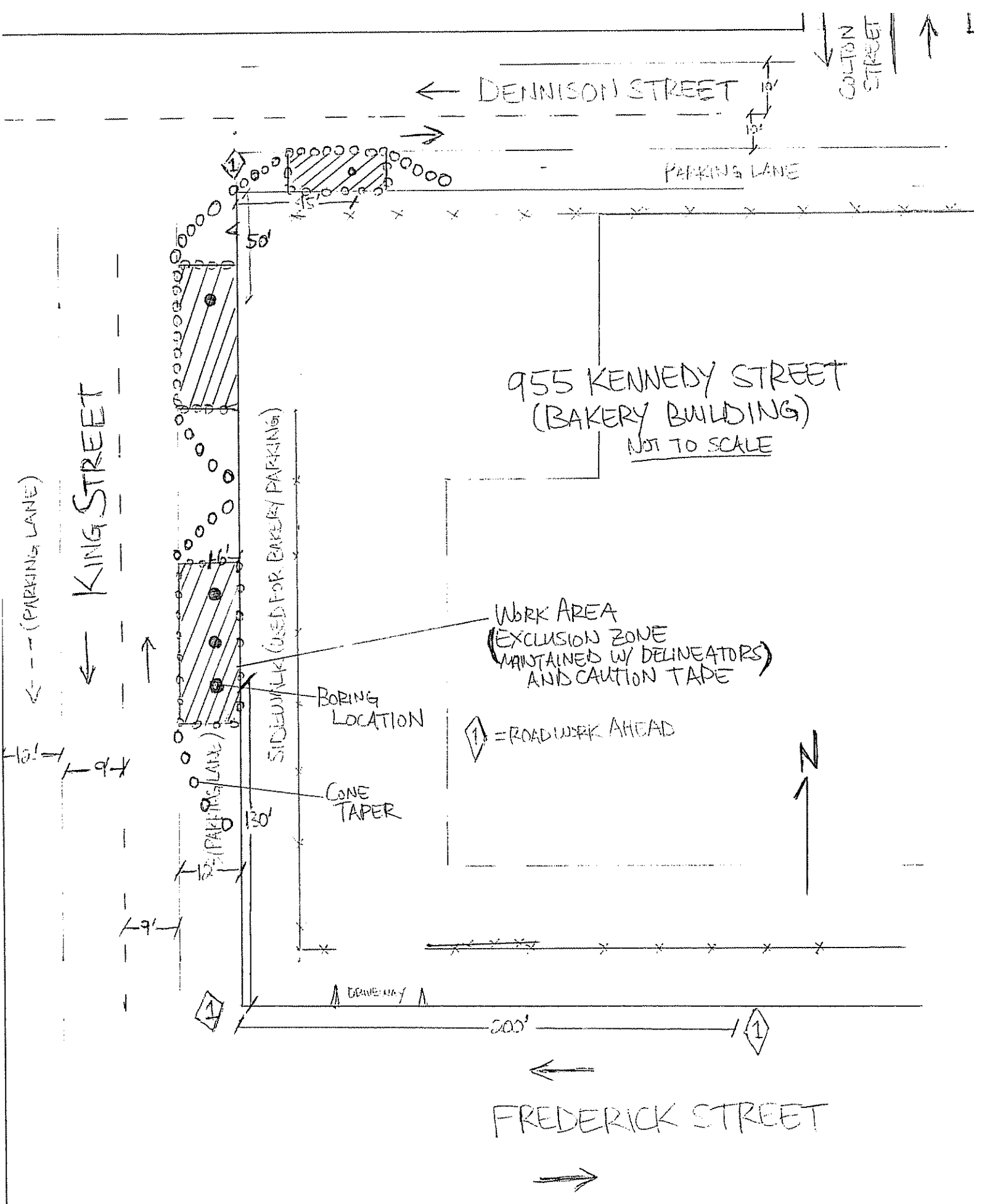
- Our phone # is (510) 238-3466

Upon approval of your application please proceed to the 2nd floor to obtain your permit.

For information in preparing a traffic control plan, refer to the Work Area Traffic Control Handbook (WATCH) or Chapter 5 of the Manual on Uniform Traffic Control (MUTCD) manual which is available at: http://www.dot.ca.gov/hq/traffops/signtech/signdel/chp5/chap5.htm

- Application Form (Excel format)
- Supplemental Information:
  - Typical Traffic Control Plan Without Detour (pdf format)
  - Typical Traffic Control Plan With Detour (pdf format)
  - Typical Traffic Control Plan for Sidewalk Closures (pdf format)

This page was last updated or reviewed on: Tuesday. November 28. 2006

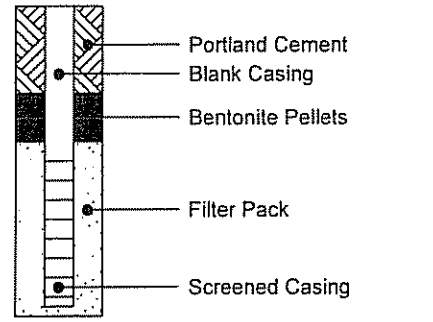

DENNISON STREET
COLTON STREET
PARKING LANE
955 KENNEDY STREET
(BAKERY BUILDING)
NOT TO SCALE
KING STREET
(PARKING LANE)
SIDEWALK (USED FOR BAKERY PARKING)
WORK AREA
(EXCLUSION ZONE
MAINTAINED W/ DELINEATORS)
AND CAUTION TAPE
BORING LOCATION
CONE TAPER
1 = ROAD WORK AHEAD
N
DRIVEWAY
200'
FREDERICK STREET

Appendix C

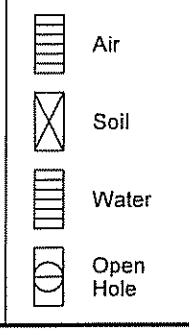
Boring Logs

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

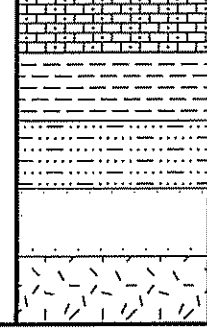
SYMBOLS



Samples



DRILL LOG ROCK TYPES



ETIC ENGINEERING

UNIFIED SOIL CLASSIFICATION SYSTEM DESCRIPTIONS AND SYMBOLS USED ON ETIC DRILL LOGS

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E41**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: 705927

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

DRILLING AND SAMPLING METHODS: Hand-augered to 8 feet bgs. Direct push 6610 Limited Access Geoprobe with 5-foot long Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 21	▼ 8.2			
TIME	1140	1150		TIME 1035	TIME 1200
DATE	3/28/07	3/28/07			
REFERENCE	GS	GS		DATE 3/28/07	DATE 3/28/07

SURFACE CONDITIONS: Asphalt

DESCRIPTION BY: T. lob

Reviewed by:

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	ASPHALT	3" Asphalt
6	6		1.0	5	CL	SILTY CLAY, black (5Y 2.5/1), medium stiff, low plasticity, dry
24	24	-		8 ▼	CL	Color change to mottled very dark gray (10YR 3/1) and dark yellowish brown (10YR 3/4), little fine sand
60	60	- - -	0.4	10	CL	Change to no fine sand, slightly moist
60	60	- - -	0.1	15	CL	Change to moist Change to dry
			0.1	20	CL	Same as above

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 5/10/07

ETIC Engineering, Inc.

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

LOG OF SOIL BORING:

E41

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
60	60	-		▽ 21					CL	SILTY CLAY, very dark grayish brown (2.5Y 3/2), soft, low plasticity, some fine to medium sand, moist Change to firm, wet
		-		22						
		-		23						
				24					ML	SILT W/ GRAVEL, mottled very dark gray (10YR 3/1) and dark yellowish brown (10YR 3/4), medium stiff, some subrounded gravel to 0 5" diameter, moist Increase in gravel frequency. little fine to medium sand
			0 1	25			X		SW	GRAVELLY SAND, dark grayish brown (2.5Y 4/2), loose, fine to medium sand, subrounded gravel to 0.5" diameter, little silt, wet Boring terminated at 25 feet. Boring filled and sealed with 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 SL-OAK BL.GPJ ETIC.GDT 5/10/07

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E42**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: 705927

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

DRILLING AND SAMPLING METHODS: Hand-augered to 4 feet bgs. Direct push 6610 Limited Access Geoprobe with 5-foot long Macro Core Clear Acetate Liners

				START	FINISH
WATER LEVEL	▽ 24	▼ 12.66			
TIME	1520	1530		TIME 1500	TIME 1545
DATE	3/29/07	3/29/07		DATE 3/29/07	DATE 3/29/07
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: T. Iob

Reviewed by:

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
				0					CONCRETE	8" Concrete
				1						SILTY CLAY, black (5Y 2 5/1), medium stiff, low plasticity, dry
				2						
				3						
				4						
60	60	-	0.2	5			X			
		-		6						Color change to mottled very dark gray (10YR 3/1) and dark yellowish brown (10YR 3/4)
		-		7						
				8						
				9						
60	60	-	0.1	10			X		CL	
		-		11						
		-		12						
				▼ 13						Color change to very dark gray (10YR 3/1), slight petroleum hydrocarbon odor
				14						
				15			X			Color change to mottled very dark gray (10YR 3/1) and dark yellowish brown (10YR 3/4), no odor
60	60	-	0.1	16						Color change to very dark brown (10YR 2/2). firm
		-		17						Color change to mottled very dark gray (10YR 3/1) and dark yellowish brown (10YR 3/4). medium stiff
				18						
				19						
			0.6	20			X			

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 5/10/07

ETIC Engineering, Inc.

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

LOG OF SOIL BORING:

E42

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
60	60	-		21					CL	SILTY CLAY, same as above with color change to very dark brown (10YR 2/2)
		-								
		-		22						Color change to mottled very dark gray (10YR 3/1) and dark yellowish brown (10YR 3/4)
				23						
				24 ▽						Change to soft, wet
			0 1	25			X			Boring terminated at 25 feet. Boring filled and sealed with 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 SL-OAK BL.GPJ ETIC.GDT 5/10/07

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E43**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: 705927

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

DRILLING AND SAMPLING METHODS: Hand-augered to 4 feet bgs. Direct push 6610 Limited Access Geoprobe with 5-foot long Macro Core Clear Acetate Liners

				START	FINISH
WATER LEVEL	▽ 24	▼ 19.0			
TIME	1435	1445		TIME 1415	TIME 1510
DATE	3/29/07	3/29/07		DATE 3/29/07	DATE 3/29/07
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: T. lob

Reviewed by:

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG	
				0				CONCRETE	8" Concrete
				1					SILTY CLAY, black (10YR 2/1), medium stiff, low plasticity, dry
				2					
				3					
				4					
60	60	-	0.1	5			X		
		-		6					Color change to mottled very dark gray (10YR 3/1) and dark yellowish brown (10 YR 3/4)
		-		7					
				8					
				9					
60	60	-	0.1	10			X	CL	
		-		11					
		-		12					Calcium deposits 12 to 12 5 feet
				13					
				14					
60	60	-	0.1	15			X		Change to moist Change to dry
		-		16					
		-		17					
				18					
				19 ▼					
			0.1	20			X		

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 5/10/07

ETIC Engineering, Inc.

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

LOG OF SOIL BORING:

E43

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
60	60			21					CL	SILTY CLAY, same as above with color change to very dark brown (10YR 2/2)
				22						Color change to mottled very dark gray (10YR 3/1) and dark yellowish brown (10 YR 3/4)
				23						
				24 ▽						
			0 1	25			X		SW	GRAVELLY SAND, dark greenish gray (10YR 4/1), loose, fine to coarse subrounded sand, subrounded gravel to 0 5" diameter. wet
				26						Boring terminated at 25 feet Boring filled and sealed with grout consisting of neat cement.
				27						
				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 5/10/07

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E44**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: 705927

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

DRILLING AND SAMPLING METHODS: Hand-augered to 8 feet bgs Direct push 6610 Limited Access Geoprobe with 5-foot long Macro Core Clear Acetate Liners

				START	FINISH
WATER LEVEL	▽ 23	▼ 18.3			
TIME	0950	1000		TIME 0830	TIME 1030
DATE	03/28/07	03/28/07		DATE 3/28/07	DATE 3/28/07
REFERENCE	GS	GS			

SURFACE CONDITIONS: Asphalt

DESCRIPTION BY: T. lob

Reviewed by:

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG	
				0				ASPHALT	3" Asphalt
				1				GM	SILTY GRAVEL (aggregate base fill), dark brown (7 5YR 3/3), loose, angular gravel to 1" diameter, dry
				2					SILTY CLAY, black (5Y 2 5/1), medium stiff, low plasticity, dry
				3					
				4					
6	6		8 2	5			X		
				6					
				7					
24	24			8				CL	Change to mottled very dark gray (10YR 3/1) and dark yellowish brown (10YR 3/4). little fine sand
				9					
60	60		1 4	10			X		
				11					Change to moist. calcium deposits
				12					
				13					
				14				ML	CLAYEY SILT, mottled very dark gray (10YR 3/1) and dark yellowish brown (10YR 3/4), soft, very low plasticity. little subangular gravel to 0 75" diameter, moist to wet
48	48		0.2	15			X		
				16					SILTY CLAY, mottled very dark gray (10YR 3/1) and dark yellowish brown (10YR 3/4). stiff. little fine sand. low plasticity. dry
				17				CL	
				18 ▼					
60	60			19					Color change to very dark grayish brown (2 5Y 3/2). medium stiff
				20					

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 5/10/07

ETIC Engineering, Inc.

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

LOG OF SOIL BORING:

E44

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
		-								
		-								
			27	21					CL	SILTY CLAY, same as above with color change to mottled very dark gray (10YR 3/1) and dark yellowish brown (10YR 3/4)
				22						
				23						Change to soft
									SM	SILTY SAND, mottled (10YR 3/1) and (10YR 3/4), medium dense, fine sand, wet
									CL	SILTY CLAY, same as above, stiff
			24	24					SW	GRAVELLY SAND, dark grayish brown (2.5Y 4/2), loose, fine to coarse subrounded sand, subrounded gravel to 0 5" diameter, little silt, moist Boring terminated at 24 feet. Boring filled and sealed with a grout consisting of neat cement
				25						
				26						
				27						
				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 5/10/07

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E45**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: 705927

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

DRILLING AND SAMPLING METHODS: Hand-augered to 8 feet bgs. Direct push 6610 Limited Access Geoprobe with 5-foot long Macro Core Clear Acetate Liners

				START	FINISH
WATER LEVEL	▽ 24	▼ 19.9			
TIME	1035	1045		TIME 0945	TIME 1115
DATE	3/29/07	03/29/07		DATE 3/29/07	DATE 3/29/07
REFERENCE	GS	GS			

SURFACE CONDITIONS: Asphalt

DESCRIPTION BY: T. Iob

Reviewed by:

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
				0					ASPHALT / GM	ASPHALT 3" Asphalt SILTY GRAVEL (aggregate base fill), dark brown (7.5YR 3/3), loose. angular gravel to 1" diameter, dry
				1						SILTY CLAY, black (10YR 2/1), firm to medium stiff, low plasticity, dry
				2						
				3						
				4						
6	6		0.1	5			X		CL	
				6						
				7						
				8						
24	24	-		9					SM	Color change to mottled very dark gray (10YR 3/1) and dark yellowish brown (10YR 3/4) SILTY SAND W/ TRACE CLAY. mottled (10YR 3/1) and (10YR 3/4), loose, fine to medium sand. wet
		-								
		-		10			X			SILTY CLAY, dark greenish gray (GLEY 5GY 3/1), soft, low plasticity. slight petroleum hydrocarbon odor, moist
60	60	-	0.9							Change to firm
		-		11						
		-								Same as above w/ little coarse subrounded sand
				12						
				13						SILTY CLAY, mottled very dark gray (10YR 3/1) and dark yellowish brown (10YR 3/4), medium stiff, low plasticity, dry
				14						
			0.1	15			X		CL	
60	60	-								
		-		16						
		-								
				17						
				18						
				19						
			0.4							
				20			X			

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 5/11/07

ETIC Engineering, Inc.

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

LOG OF SOIL BORING:

E45

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
60	60	-		21					CL	SILTY CLAY, same as above
		-								
		-		22						
				23						
				24						Change to wet
			0.9	25			X			
36	36									
		-		26						
		-							SC	CLAYEY SAND, dark yellowish brown (10YR 3/6), loose, fine to coarse sand, moist
		-		27						
									SM	SILTY SAND, dark yellowish brown (10YR 3/6), loose, fine to medium sand, little coarse sand, wet
			0 1	28			X			Boring terminated at 28 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 SL-OAK BL.GPJ ETIC.GDT 5/11/07

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E46**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: 705927

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

DRILLING AND SAMPLING METHODS: Hand-augered to 8 feet bgs. Direct push 6610 Limited Access Geoprobe with 5-foot long Macro Core Clear Acetate Liners

				START	FINISH
WATER LEVEL	▽ 23	▼ DRY			
TIME	1140			TIME 1115	TIME 1200
DATE	3/29/07				
REFERENCE	GS			DATE 3/29/07	DATE 3/29/07

SURFACE CONDITIONS: Asphalt

DESCRIPTION BY: T. Iob

Reviewed by: [signature]

DRIVEN (INCHES)	RECOVER (INCHES)	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG	DESCRIPTION
				0				ASPHALT / GM	3" Asphalt SILTY GRAVEL (aggregate base fill). dark brown (7.5YR 3/3), loose, angular gravel to 1" diameter, dry SILTY CLAY. black (10YR 2/1). medium stiff, low plasticity, dry
				1					
				2					
				3					
				4					
6	6		0.1	5			X		
				6					
				7					
24	24	-		8					SILTY CLAY, mottled dark greenish gray (GLEY 5GY 3/1) and dark yellowish brown (10YR 3/6), soft, low plasticity. slightly moist
		-		9					
		-	10.9	10			X	CL	Color change to dark greenish gray (GLEY 5GY 3/1). strong petroleum hydrocarbon odor
60	60	-							Change to firm
		-		11					
		-		12			X		Change to medium stiff
		-	30.7						
				13					Change to no odor
				14					
			0.1	15			X		
60	60	-							
		-		16					
		-		17					
				18					
				19					
			0.8	20			X		

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 5/10/07

ETIC Engineering, Inc.

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

LOG OF SOIL BORING:

E46

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
60	60	-		21					CL	CLAY. dark grayish brown (10YR 4/2), medium stiff. low plasticity, slightly moist
		-		22						
		-		23 ▽						
				24					ML/CL	SILTY CLAY/CLAYEY SILT, mottled grayish brown (10YR 5/2) and dark yellowish brown (10YR 3/6), soft to firm, low plasticity, wet
			0 1	25			X			
36	36	-		26					CL	CLAY. dark grayish brown (10YR 4/2), soft, low plasticity. slightly moist
		-							SC	CLAYEY SAND, mottled dark grayish brown (10YR 4/2) and dark yellowish brown (10YR 3/6). medium dense, fine to coarse sand. wet
		-		27						
									ML	SANDY SILT, mottled dark grayish brown (10YR 4/2) and dark yellowish brown (10YR 3/6), soft, fine sand, wet
			2 2	28			X			Boring terminated at 28 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 SL-OAK BL.GPJ ETIC.GDT 5/10/07

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E47**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: 705927

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 6610 Limited Access Geoprobe with 5-foot long Macro Core Clear Acetate Liners

				START	FINISH
WATER LEVEL	▽ 13.25	▼ 9.66			
TIME	1520	1532		TIME 1500	TIME 1545
DATE	03/28/07	03/28/07		DATE 3/28/07	DATE 3/28/07
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: T. Iob

Reviewed by:

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG	
				0				CONCRETE	7" Concrete
				1					GRAVEL (pea gravel fill), gray (5Y 6/1), loose, rounded gravel to 0 5" diameter. dry
				2				GP	
24	24	-		3					
		-		4					CLAYEY SAND. very dark grayish brown (2.5Y 3/2), medium dense, medium to coarse sand, dry
60	60	-	0.1	5			X		
		-		6				SC	
				7					
				8					
				9					
				10 ▼			X		SILTY CLAY, very dark grayish brown (10YR 3/2), firm, very low plasticity, little medium to coarse sand. slightly moist
60		-	0.1	11				CL	
		-		12					
				13 ▽					CLAY, very dark grayish brown (10YR 3/2), firm. low plasticity. moist
	33			14				SP	SAND. very dark gray (5Y 3/1). loose, fine to medium sand, wet
				15			X		
			0.1	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 5/11/07

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E48**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: 705927

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

DRILLING AND SAMPLING METHODS: Hand-augered to 4 feet bgs. Direct push 6610 Limited Access Geoprobe with 5-foot long Macro Core Clear Acetate Liners

				START	FINISH
WATER LEVEL	▽ 23.5	▼ 14.0			
TIME	1335	1345		TIME 1315	TIME 1415
DATE	03/28/07	03/28/07		DATE 3/28/07	DATE 3/28/07
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: T. Iob

Reviewed by:

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	CONCRETE	6" Concrete
				1		SILTY CLAY, black (5Y 2.5/1). mediul stiff, low plasticity, dry
				2		
				3		
6	6		0.1	4	CL	
60	60	-		5		Color change to mottled dark gray (10YR 4/1) and dark yellowish brown (10YR 3/4)
		-				
		-		6		
				7		
				8	SM	SILTY SAND W/ GRAVEL, dark grayish brown (2.5Y 4/2), loose, fine to coarse subrounded sand, little subrounded gravel to 0.25" diameter. slightly moist
			2.2	9		CLAYEY SILT, olive brown (2.5Y 4/4), soft, moist
60	60	-			ML	
		-		10		
		-				
				11		
				12		
			1.2			SILTY CLAY. greenish black (5GY 2.5/1), medium stiff, low plasticity, slight petroleum hydrocarbon odor. dry
				13		
						CLAY, very dark brown (10YR 2/2), hard. very low plasticity. no odor, dry
				14 ▼		
				15		
60	60	-	0.3		CL	
		-		16		
		-				Color change to mottled very dark brown (10YR 2/2) and dark yellowish brown (10YR 3/4)
				17		
				18		
				19		
			0.1			
				20		

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 5/10/07

ETIC Engineering, Inc.

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

LOG OF SOIL BORING:

E48

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
60	60	-		21					CL	SILTY CLAY, very dark brown (10YR 2/2), soft. low plasticity, slightly moist
		-		22					ML	CLAYEY SILT, very dark grayish brown (10YR 3/2). soft, low plasticity, moist
				23						
				24					SW	GRAVELLY SAND W/ LITTLE CLAY, very dark grayish brown (2.5Y 4/2), loose, medium sand, subrounded gravel to 0.75" diameter. moist
									CL	SANDY CLAY, dark grayish brown (2.5Y 4/2). hard. low plasticity, dry
			0.4	25						Boring terminated at 25 feet. Boring filled and sealed with 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 SL-OAK BL.GPJ ETIC.GDT 5/10/07

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E49**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: 705927

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

DRILLING AND SAMPLING METHODS: Hand-augered to 4 feet bgs. Direct push 6610 Limited Access Geoprobe with 5-foot long Macro Core Clear Acetate Liners

				START	FINISH
WATER LEVEL	▽ DRY				
TIME				TIME 1240	TIME 1325
DATE				DATE 3/29/07	DATE 3/29/07
REFERENCE					

SURFACE CONDITIONS: Asphalt

DESCRIPTION BY: T. Iob

Reviewed by:

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	DESCRIPTION
				0					ASPHALT	3" Asphalt
				1					GM	SILTY GRAVEL (aggregate base fill), dark brown (7.5YR 3/3), loose, angular gravel to 1" diameter, dry
				2						SILTY CLAY, black (10YR 2/1), medium stiff, low plasticity, dry
				3						
				4						
6	6		1.3	5			X			
48	48	-		6						Color change to mottled very dark grayish brown (10YR 3/2) and dark yellowish brown (10YR 3/6)
		-		7						
		-		8						Color change to dark greenish gray (GLEY 5Y 3/1, slight petroleum hydrocarbon odor
			0.4	9			X			
			0.8	10			X			
60	60	-		11					CL	Color change to mottled very dark grayish brown (10YR 3/2) and dark yellowish brown (10YR 3/6), no odor
		-		12						
		-		13						
				14						
			0.1	15			X			
60	60	-		16						Change to very stiff
		-		17						
		-		18						
				19						
			0.1	20			X			

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 5/10/07

ETIC Engineering, Inc.

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

LOG OF SOIL BORING:

E49

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
60	60	-		21					CL	CLAY, dark grayish brown (10YR 4/2), stiff, low plasticity. dry
		-								
		-		22					CL-ML	CLAYEY SILT/ SILTY CLAY, olive brown (2 5Y 4/3), very soft. low plasticity. slightly moist
				23					CL	SILTY CLAY W/ LITTLE SAND, mottled very dark grayish brown (10YR 3/2) and dark yellowish brown (10YR 3/6), soft, low plasticity, fine to coarse grained subrounded sand, trace subrounded gravel to 0 5" diameter, dry
				24						
			0 1	25			X			Change to firm
36	36								CL-ML	CLAYEY SILT/ SILTY CLAY, olive brown (2.5Y 4/3). soft. low plasticity. slightly moist
		-		26						
		-								
		-		27					CL	SILTY CLAY W/ LITTLE SAND, mottled very dark grayish brown (10YR 3/2) and dark yellowish brown (10YR 3/6), soft, low plasticity, fine to coarse grained subrounded sand, dry
			0 1	28			X			Boring terminated at 28 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 SL-OAK BL.GPJ ETIC.GDT 5/10/07

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E50**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: 705927

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 6610 Limited Access Geoprobe with 5-foot long Macro Core Clear Acetate Liners

				START	FINISH
WATER LEVEL	▽ 9.25	▼ 9.5			
TIME	1440	1450		TIME 1430	TIME 1515
DATE	3/28/07	3/28/07		DATE 3/28/07	DATE 3/28/07
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: T. Iob

Reviewed by:

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	CONCRETE	8" Concrete
				1		GRAVEL (pea gravel fill), gray (5YR 6/1), loose, rounded gravel to 0.5" diameter, dry
				2		
				3	GP	
24	24	-		4		
		-				
		-	2.8	5		CLAYEY SAND, very dark grayish brown (10YR 4/1). loose. medium to coarse sand, little subrounded gravel to 0.75" diameter, dry
60		-		6		
		-				
	42	-		7		
				8	SC	Increase to some subrounded gravel to 0.75" diameter
				9		
			1.1	10		Change to wet
60		-		11		
		-				
		-		12		
				13	CL	CLAY. very dark grayish brown (10YR 3/2), stiff, low plasticity, slightly moist
	30					SAND. very dark gray (5Y 3/1). loose. fine to medium sand. wet
				14	SP	
			2.5	15		Boring terminated at 15 feet. Boring filled and sealed with a grout consisting of neat cement.
				16		
				17		
				18		
				19		
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 5/11/07

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E51**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: 705927

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

DRILLING AND SAMPLING METHODS: Hand-augered to 5 feet bgs Direct push 6610 Limited Access Geoprobe with 5-foot long Macro Core Clear Acetate Liners

				START	FINISH
WATER LEVEL	▽ 14 5	▼ 14 3			
TIME	1615	1622		TIME 1550	TIME 1640
DATE	3/28/07	3/28/07		DATE 3/28/07	DATE 3/28/07
REFERENCE	GS	GS			

SURFACE CONDITIONS: Asphalt

DESCRIPTION BY: T. Iob

Reviewed by:

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	ASPHALT	4" Asphalt SILTY CLAY. black (5YR 2.5/1). medium stiff. low plasticity, dry
60	60	- - -	0 1	5	CL	Color change to mottled very dark grayish brown (10YR 4/1) and dark yellowish brown (10YR 3/4), little fine to medium sand
				9	SW	Same as above w/ little subrounded gravel to 0.5" diameter GRAVELLY SAND, very dark grayish brown (10YR 4/1). loose. medium to coarse sand, subrounded gravel to 0 5" diameter, slightly moist SILTY CLAY, greenish black (GLEY 10Y 2 5/1). medium stiff. low plasticity. dry
60	60	- - -	0 2	10	CL	Color change to mottled very dark grayish brown (10YR 4/1) and dark yellowish brown (10YR 3/4)
				13		Color change to dark greenish gray (GLEY 10Y 3/1), little medium to coarse sand
60	60	- - -	0 5	15	ML	CLAYEY SILT, mottled dark greenish gray (GLEY 10Y 3/1) and dark yellowish brown (10YR 3/4), soft, low plasticity. wet
				16	CL	SILTY CLAY, mottled very dark grayish brown (10YR 4/1) and dark yellowish brown (10YR 3/4), medium stiff, low plasticity. little fine to medium sand. dry
			0.6	19	CL-ML	SILTY CLAY/ CLAYEY SILT (19.5-20 feet), very dark grayish brown (10YR 4/1). medium stiff. low plasticity. little fine sand. dry
				20		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 5/10/07

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E52**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: 705927

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

DRILLING AND SAMPLING METHODS: Hand-augered to 4 feet bgs. Direct push 6610 Limited Access Geoprobe with 5-foot long Macro Core Clear Acetate Liners

				START	FINISH
WATER LEVEL	▽ 19	▼ 10.25			
TIME	1425	1435		TIME 1410	TIME 1450
DATE	3/28/07	3/28/07			
REFERENCE	GS	GS		DATE 3/28/07	DATE 3/28/07

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: T. Iob

Reviewed by:

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
				0					CONCRETE	8" Concrete
				1						SILTY CLAY. black (5Y 2 5/1). medium stiff, low plasticity, dry
				2						
				3						
				4						
48	42	-	1 4	5			X			Color change to mottled very dark grayish brown (10YR 4/1) and dark yellowish brown (10YR 3/4)
		-		6						
		-		7						
				8						Change to soft, litlle subrounded coarse sand
				9						
60	60	-		10			X		CL	Change to slightly moist
		-	1 3	11						
		-								
				12			X			Change to very dark greenish gray (GLEY 10Y 3/1), no sand, slight petroleum hydrocarbon odor
			3 0	13						Color change to motlled very dark grayish brown (10YR 4/1) and dark yellowish brown (10YR 3/4). no odor. dry
				14						
				15						
60	60	-		16			X			
		-	2 6							
		-		17						
				18						Change to medium stiff. slightly moist
				19						
									ML	CLAYEY SILT. very dark grayish brown (10YR 3/1), soft, low plasticity. wet
			1.3	20			X			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 5/10/07

Appendix D

Laboratory Analytical Reports
and
Chain-of-Custody Documentation

KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

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

Subject : 61 Soil Samples
Project Name : Sara Lee-Oakland
Project Number : 62402797

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,

Joel Kiff

KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Subject : 61 Soil Samples
Project Name : Sara Lee-Oakland
Project Number : 62402797

Case Narrative

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for samples E41 5.0', E41 10.0', E41 15.0', E42 5.0', E43 5.0', E43 10.0', E43 15.0', E44 5.0', E45 5.0', E47 5.0', E47 10.0', E48 4.0', E49 5.0', E49 15.0', E50 5.0', E50 10.0', E51 5.0', and E52 5.5',. These hydrocarbons are higher boiling than typical diesel fuel.

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for samples E42 25.0' and E52 10.0'. There are discrete peaks which may or may not be petroleum related.

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E41, 5.0'** Matrix : Soil Lab Number : 55679-01
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**4.5**	1.0	mg/Kg	M EPA 8015	4/4/2007
TPH as Motor Oil (Silica Gel)	**19**	10	mg/Kg	M EPA 8015	4/4/2007
1-Chlorooctadecane (Silica Gel Surr)	85.4		% Recovery	M EPA 8015	4/4/2007

Sample : **E41, 10.0'** Matrix : Soil Lab Number : 55679-02
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.7		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**33**	5.0	mg/Kg	M EPA 8015	4/3/2007
TPH as Motor Oil (Silica Gel)	**180**	40	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	76.8		% Recovery	M EPA 8015	4/3/2007

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E41, 15.0'** Matrix : Soil Lab Number : 55679-03
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	99.6		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	95.1		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**1.7**	1.0	mg/Kg	M EPA 8015	4/3/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	102		% Recovery	M EPA 8015	4/3/2007

Sample : **E41, 20.0'** Matrix : Soil Lab Number : 55679-04
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	97.8		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/4/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/4/2007
1-Chlorooctadecane (Silica Gel Surr)	82.7		% Recovery	M EPA 8015	4/4/2007

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E41, 25.0'** Matrix : Soil Lab Number : 55679-05
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	97.8		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/3/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	100		% Recovery	M EPA 8015	4/3/2007

Sample : **E42, 5.0'** Matrix : Soil Lab Number : 55679-06
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/30/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/30/2007
4-Bromofluorobenzene (Surr)	93.0		% Recovery	EPA 8260B	3/30/2007
TPH as Diesel (Silica Gel)	**1.6**	1.0	mg/Kg	M EPA 8015	4/6/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/6/2007
1-Chlorooctadecane (Silica Gel Surr)	78.8		% Recovery	M EPA 8015	4/6/2007

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E42, 10.0'** Matrix : Soil Lab Number : 55679-07
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	96.7		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**17**	1.0	mg/Kg	M EPA 8015	4/3/2007
TPH as Motor Oil (Silica Gel)	**15**	10	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	92.1		% Recovery	M EPA 8015	4/3/2007

Sample : **E42, 15.0'** Matrix : Soil Lab Number : 55679-08
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	93.4		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**1.3**	1.0	mg/Kg	M EPA 8015	4/3/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	87.1		% Recovery	M EPA 8015	4/3/2007

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E42, 20.0'** Matrix : Soil Lab Number : 55679-09
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	93.7		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/4/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/4/2007
1-Chlorooctadecane (Silica Gel Surr)	81.0		% Recovery	M EPA 8015	4/4/2007

Sample : **E42, 25.0'** Matrix : Soil Lab Number : 55679-10
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	91.3		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**1.2**	1.0	mg/Kg	M EPA 8015	4/5/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/5/2007
1-Chlorooctadecane (Silica Gel Surr)	85.9		% Recovery	M EPA 8015	4/5/2007

Approved By: Joel Kiff

KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E43, 5.0'** Matrix : Soil Lab Number : 55679-11
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	99.9		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	93.4		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**8.8**	2.0	mg/Kg	M EPA 8015	4/3/2007
TPH as Motor Oil (Silica Gel)	**29**	20	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	77.3		% Recovery	M EPA 8015	4/3/2007

Sample : **E43, 10.0'** Matrix : Soil Lab Number : 55679-12
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	99.2		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	93.9		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**7.2**	1.0	mg/Kg	M EPA 8015	4/4/2007
TPH as Motor Oil (Silica Gel)	**23**	10	mg/Kg	M EPA 8015	4/4/2007
1-Chlorooctadecane (Silica Gel Surr)	109		% Recovery	M EPA 8015	4/4/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E43, 15.0'** Matrix : Soil Lab Number : 55679-13
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	98.8		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	91.3		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**2.5**	1.0	mg/Kg	M EPA 8015	4/3/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	108		% Recovery	M EPA 8015	4/3/2007

Sample : **E43, 20.0'** Matrix : Soil Lab Number : 55679-14
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	99.9		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	92.9		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/5/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/5/2007
1-Chlorooctadecane (Silica Gel Surr)	83.5		% Recovery	M EPA 8015	4/5/2007

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E43, 25.0'** Matrix : Soil Lab Number : 55679-15
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/4/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/4/2007
1-Chlorooctadecane (Silica Gel Surr)	102		% Recovery	M EPA 8015	4/4/2007

Sample : **E44, 5.0'** Matrix : Soil Lab Number : 55679-16
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	99.9		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**5.6**	1.0	mg/Kg	M EPA 8015	4/4/2007
TPH as Motor Oil (Silica Gel)	**20**	10	mg/Kg	M EPA 8015	4/4/2007
1-Chlorooctadecane (Silica Gel Surr)	101		% Recovery	M EPA 8015	4/4/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E44, 10.0'** Matrix : Soil Lab Number : 55679-17
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/30/2007
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	3/30/2007
4-Bromofluorobenzene (Surr)	97.5		% Recovery	EPA 8260B	3/30/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/3/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	96.1		% Recovery	M EPA 8015	4/3/2007

Sample : **E44, 15.0'** Matrix : Soil Lab Number : 55679-18
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	99.9		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/3/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	126		% Recovery	M EPA 8015	4/3/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E44, 20.0'** Matrix : Soil Lab Number : 55679-19
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	99.6		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.6		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/2/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/2/2007
1-Chlorooctadecane (Silica Gel Surr)	90.4		% Recovery	M EPA 8015	4/2/2007

Sample : **E44, 24.0'** Matrix : Soil Lab Number : 55679-20
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	98.8		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	97.7		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/3/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	85.0		% Recovery	M EPA 8015	4/3/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E45, 5.0'** Matrix : Soil Lab Number : 55679-21
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	98.3		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**19**	1.0	mg/Kg	M EPA 8015	4/4/2007
TPH as Motor Oil (Silica Gel)	**92**	10	mg/Kg	M EPA 8015	4/4/2007
1-Chlorooctadecane (Silica Gel Surr)	96.2		% Recovery	M EPA 8015	4/4/2007

Sample : **E45, 10.0'** Matrix : Soil Lab Number : 55679-22
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**1.4**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.5		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**350**	1.0	mg/Kg	M EPA 8015	4/3/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	94.3		% Recovery	M EPA 8015	4/3/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E45, 15.0'** Matrix : Soil Lab Number : 55679-23
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/2/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/2/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/2/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/2/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/2/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	4/2/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	4/2/2007
4-Bromofluorobenzene (Surr)	98.8		% Recovery	EPA 8260B	4/2/2007
TPH as Diesel (Silica Gel)	**1.8**	1.0	mg/Kg	M EPA 8015	4/2/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/2/2007
1-Chlorooctadecane (Silica Gel Surr)	108		% Recovery	M EPA 8015	4/2/2007

Sample : **E45, 20.0'** Matrix : Soil Lab Number : 55679-24
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	97.2		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/2/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/2/2007
1-Chlorooctadecane (Silica Gel Surr)	111		% Recovery	M EPA 8015	4/2/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E45, 25.0'** Matrix : Soil Lab Number : 55679-25
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	96.8		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/2/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/2/2007
1-Chlorooctadecane (Silica Gel Surr)	110		% Recovery	M EPA 8015	4/2/2007

Sample : **E45, 28.0'** Matrix : Soil Lab Number : 55679-26
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	96.8		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/5/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/5/2007
1-Chlorooctadecane (Silica Gel Surr)	81.3		% Recovery	M EPA 8015	4/5/2007

Approved By: Joel Kiff

KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E46, 5.0'** Matrix : Soil Lab Number : 55679-27
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	99.5		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**1.7**	1.0	mg/Kg	M EPA 8015	4/3/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	88.2		% Recovery	M EPA 8015	4/3/2007

Sample : **E46, 10.0'** Matrix : Soil Lab Number : 55679-28
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**29**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	97.5		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**1800**	1.0	mg/Kg	M EPA 8015	4/2/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/2/2007
1-Chlorooctadecane (Silica Gel Surr)	91.6		% Recovery	M EPA 8015	4/2/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E46, 12.0'** Matrix : Soil Lab Number : 55679-29
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2007
TPH as Gasoline	**21**	1.0	mg/Kg	EPA 8260B	4/3/2007
Toluene - d8 (Surr)	99.2		% Recovery	EPA 8260B	4/3/2007
4-Bromofluorobenzene (Surr)	95.1		% Recovery	EPA 8260B	4/3/2007
TPH as Diesel (Silica Gel)	**180**	1.0	mg/Kg	M EPA 8015	4/5/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/5/2007
1-Chlorooctadecane (Silica Gel Surr)	106		% Recovery	M EPA 8015	4/5/2007

Sample : **E46, 15.0'** Matrix : Soil Lab Number : 55679-30
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	4/3/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	4/3/2007
4-Bromofluorobenzene (Surr)	94.2		% Recovery	EPA 8260B	4/3/2007
TPH as Diesel (Silica Gel)	**1.2**	1.0	mg/Kg	M EPA 8015	4/6/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/6/2007
1-Chlorooctadecane (Silica Gel Surr)	90.1		% Recovery	M EPA 8015	4/6/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E46, 20.0'** Matrix : Soil Lab Number : 55679-31
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	97.8		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/3/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	109		% Recovery	M EPA 8015	4/3/2007

Sample : **E46, 25.0'** Matrix : Soil Lab Number : 55679-32
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.4		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/6/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/6/2007
1-Chlorooctadecane (Silica Gel Surr)	86.9		% Recovery	M EPA 8015	4/6/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E46, 28.0'** Matrix : Soil Lab Number : 55679-33
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	97.2		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/2/2007
TPH as Motor Oil (Silica Gel)	**< 10**	10	mg/Kg	M EPA 8015	4/2/2007
1-Chlorooctadecane (Silica Gel Surr)	107		% Recovery	M EPA 8015	4/2/2007

Sample : **E47, 5.0'** Matrix : Soil Lab Number : 55679-34
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.5		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**80**	5.0	mg/Kg	M EPA 8015	4/6/2007
1-Chlorooctadecane (Silica Gel Surr)	90.6		% Recovery	M EPA 8015	4/6/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E47, 10.0'** Matrix : Soil Lab Number : 55679-35
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	95.6		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**27**	1.0	mg/Kg	M EPA 8015	4/4/2007
1-Chlorooctadecane (Silica Gel Surr)	91.2		% Recovery	M EPA 8015	4/4/2007

Sample : **E47, 15.0'** Matrix : Soil Lab Number : 55679-36
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	93.8		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**10**	1.0	mg/Kg	M EPA 8015	4/2/2007
1-Chlorooctadecane (Silica Gel Surr)	80.4		% Recovery	M EPA 8015	4/2/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E48, 4.0'** Matrix : Soil Lab Number : 55679-37
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	92.4		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**2.5**	1.0	mg/Kg	M EPA 8015	3/31/2007
1-Chlorooctadecane (Silica Gel Surr)	96.7		% Recovery	M EPA 8015	3/31/2007

Sample : **E48, 9.0'** Matrix : Soil Lab Number : 55679-38
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	93.4		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**2.4**	1.0	mg/Kg	M EPA 8015	4/6/2007
1-Chlorooctadecane (Silica Gel Surr)	88.8		% Recovery	M EPA 8015	4/6/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E48, 12.5'** Matrix : Soil Lab Number : 55679-39
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**2.1**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	99.3		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	96.0		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**320**	1.0	mg/Kg	M EPA 8015	3/31/2007
1-Chlorooctadecane (Silica Gel Surr)	102		% Recovery	M EPA 8015	3/31/2007

Sample : **E48, 15.0'** Matrix : Soil Lab Number : 55679-40
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/5/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/5/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/5/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/5/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/5/2007
TPH as Gasoline	**1.0**	1.0	mg/Kg	EPA 8260B	4/5/2007
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	4/5/2007
4-Bromofluorobenzene (Surr)	96.9		% Recovery	EPA 8260B	4/5/2007
TPH as Diesel (Silica Gel)	**130**	1.0	mg/Kg	M EPA 8015	4/6/2007
1-Chlorooctadecane (Silica Gel Surr)	73.8		% Recovery	M EPA 8015	4/6/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E48, 20.0'** Matrix : Soil Lab Number : 55679-41
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.1		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/2/2007
1-Chlorooctadecane (Silica Gel Surr)	86.3		% Recovery	M EPA 8015	4/2/2007

Sample : **E48, 25.0'** Matrix : Soil Lab Number : 55679-42
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.5		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	3/31/2007
1-Chlorooctadecane (Silica Gel Surr)	82.4		% Recovery	M EPA 8015	3/31/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E49, 5.0'** Matrix : Soil Lab Number : 55679-43
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.6		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**26**	1.0	mg/Kg	M EPA 8015	4/1/2007
1-Chlorooctadecane (Silica Gel Surr)	104		% Recovery	M EPA 8015	4/1/2007

Sample : **E49, 8.5'** Matrix : Soil Lab Number : 55679-44
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**560**	1.0	mg/Kg	M EPA 8015	3/31/2007
1-Chlorooctadecane (Silica Gel Surr)	107		% Recovery	M EPA 8015	3/31/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E49, 10.0'** Matrix : Soil Lab Number : 55679-45
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	96.8		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**100**	1.0	mg/Kg	M EPA 8015	3/31/2007
1-Chlorooctadecane (Silica Gel Surr)	87.8		% Recovery	M EPA 8015	3/31/2007

Sample : **E49, 15.0'** Matrix : Soil Lab Number : 55679-46
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.4		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**14**	2.0	mg/Kg	M EPA 8015	3/31/2007
1-Chlorooctadecane (Silica Gel Surr)	83.9		% Recovery	M EPA 8015	3/31/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E49, 20.0'** Matrix : Soil Lab Number : 55679-47
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	3/31/2007
1-Chlorooctadecane (Silica Gel Surr)	91.5		% Recovery	M EPA 8015	3/31/2007

Sample : **E49, 25.0'** Matrix : Soil Lab Number : 55679-48
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.3		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/2/2007
1-Chlorooctadecane (Silica Gel Surr)	119		% Recovery	M EPA 8015	4/2/2007

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E49, 28.0'** Matrix : Soil Lab Number : 55679-49
Sample Date :3/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	105		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.5		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	3/31/2007
1-Chlorooctadecane (Silica Gel Surr)	82.6		% Recovery	M EPA 8015	3/31/2007

Sample : **E50, 5.0'** Matrix : Soil Lab Number : 55679-50
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	97.6		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**65**	2.0	mg/Kg	M EPA 8015	4/6/2007
1-Chlorooctadecane (Silica Gel Surr)	101		% Recovery	M EPA 8015	4/6/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E50, 10.0'** Matrix : Soil Lab Number : 55679-51
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/2/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/2/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/2/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/2/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/2/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	4/2/2007
Toluene - d8 (Surr)	99.6		% Recovery	EPA 8260B	4/2/2007
4-Bromofluorobenzene (Surr)	99.4		% Recovery	EPA 8260B	4/2/2007
TPH as Diesel (Silica Gel)	**100**	5.0	mg/Kg	M EPA 8015	4/4/2007
1-Chlorooctadecane (Silica Gel Surr)	79.1		% Recovery	M EPA 8015	4/4/2007

Sample : **E50, 15.0'** Matrix : Soil Lab Number : 55679-52
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.6		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**3.0**	1.0	mg/Kg	M EPA 8015	3/31/2007
1-Chlorooctadecane (Silica Gel Surr)	89.8		% Recovery	M EPA 8015	3/31/2007

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E51, 5.0'** Matrix : Soil Lab Number : 55679-53
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.2		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**24**	2.0	mg/Kg	M EPA 8015	4/4/2007
1-Chlorooctadecane (Silica Gel Surr)	85.1		% Recovery	M EPA 8015	4/4/2007

Sample : **E51, 10.0'** Matrix : Soil Lab Number : 55679-54
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	97.2		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**390**	1.0	mg/Kg	M EPA 8015	3/31/2007
1-Chlorooctadecane (Silica Gel Surr)	97.1		% Recovery	M EPA 8015	3/31/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E51, 15.0'** Matrix : Soil Lab Number : 55679-55
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/30/2007
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	3/30/2007
4-Bromofluorobenzene (Surr)	96.8		% Recovery	EPA 8260B	3/30/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/2/2007
1-Chlorooctadecane (Silica Gel Surr)	87.2		% Recovery	M EPA 8015	4/2/2007

Sample : **E51, 20.0'** Matrix : Soil Lab Number : 55679-56
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	97.1		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	3/31/2007
1-Chlorooctadecane (Silica Gel Surr)	86.0		% Recovery	M EPA 8015	3/31/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E52, 5.5'** Matrix : Soil Lab Number : 55679-57
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	98.9		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**1.4**	1.0	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	94.8		% Recovery	M EPA 8015	4/3/2007

Sample : **E52, 10.0'** Matrix : Soil Lab Number : 55679-58
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/4/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/4/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/4/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/4/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/4/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	4/4/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	4/4/2007
4-Bromofluorobenzene (Surr)	99.3		% Recovery	EPA 8260B	4/4/2007
TPH as Diesel (Silica Gel)	**3.4**	1.0	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	81.8		% Recovery	M EPA 8015	4/3/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E52, 12.5'** Matrix : Soil Lab Number : 55679-59
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	99.4		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**220**	1.0	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	108		% Recovery	M EPA 8015	4/3/2007

Sample : **E52, 15.5'** Matrix : Soil Lab Number : 55679-60
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/31/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/31/2007
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	3/31/2007
4-Bromofluorobenzene (Surr)	99.9		% Recovery	EPA 8260B	3/31/2007
TPH as Diesel (Silica Gel)	**180**	1.0	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	99.8		% Recovery	M EPA 8015	4/3/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 55679
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E52, 20.0'** Matrix : Soil Lab Number : 55679-61
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	3/30/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	3/30/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/30/2007
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	3/30/2007
TPH as Diesel (Silica Gel)	**< 1.0**	1.0	mg/Kg	M EPA 8015	4/4/2007
1-Chlorooctadecane (Silica Gel Surr)	78.4		% Recovery	M EPA 8015	4/4/2007

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Report Number : 55679

Date : 4/6/2007

QC Report : Method Blank Data

Project Name : **Sara Lee-Oakland**

Project Number : **62402797**

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	4/2/2007
TPH as Motor Oil (Silica Gel)	< 10	10	mg/Kg	M EPA 8015	4/2/2007
1-Chlorooctadecane (Silica Gel Surr)	78.8		%	M EPA 8015	4/2/2007
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	3/31/2007
1-Chlorooctadecane (Silica Gel Surr)	70.3		%	M EPA 8015	3/31/2007
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	4/2/2007
1-Chlorooctadecane (Silica Gel Surr)	79.1		%	M EPA 8015	4/2/2007
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	4/3/2007
TPH as Motor Oil (Silica Gel)	< 10	10	mg/Kg	M EPA 8015	4/3/2007
1-Chlorooctadecane (Silica Gel Surr)	86.0		%	M EPA 8015	4/3/2007
TPH as Diesel (Silica Gel)	< 1.0	1.0	mg/Kg	M EPA 8015	4/5/2007
TPH as Motor Oil (Silica Gel)	< 10	10	mg/Kg	M EPA 8015	4/5/2007
1-Chlorooctadecane (Silica Gel Surr)	77.1		%	M EPA 8015	4/5/2007
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	3/30/2007
Toluene - d8 (Surr)	102		%	EPA 8260B	3/30/2007
4-Bromofluorobenzene (Surr)	99.7		%	EPA 8260B	3/30/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	3/30/2007
Toluene - d8 (Surr)	99.5		%	EPA 8260B	3/30/2007
4-Bromofluorobenzene (Surr)	96.2		%	EPA 8260B	3/30/2007
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	3/30/2007
Toluene - d8 (Surr)	102		%	EPA 8260B	3/30/2007
4-Bromofluorobenzene (Surr)	98.5		%	EPA 8260B	3/30/2007
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2007
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	3/30/2007
Toluene - d8 (Surr)	101		%	EPA 8260B	3/30/2007
4-Bromofluorobenzene (Surr)	93.7		%	EPA 8260B	3/30/2007

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 55679

Date : 4/6/2007

QC Report : Method Blank Data

Project Name : **Sara Lee-Oakland**

Project Number : **62402797**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	4/3/2007
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	4/3/2007
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	4/3/2007
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	4/3/2007
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	4/3/2007
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	4/3/2007
Toluene - d8 (Surr)	101		%	EPA 8260B	4/3/2007
4-Bromofluorobenzene (Surr)	94.0		%	EPA 8260B	4/3/2007
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	4/4/2007
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	4/4/2007
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	4/4/2007
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	4/4/2007
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	4/4/2007
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	4/4/2007
Toluene - d8 (Surr)	101		%	EPA 8260B	4/4/2007
4-Bromofluorobenzene (Surr)	96.5		%	EPA 8260B	4/4/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 55679

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 4/6/2007

Project Name : **Sara Lee-Oakland**

Project Number : **62402797**

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	55679-33	<1.0	20.0	20.0	18.1	17.6	mg/Kg	M EPA 8015	4/3/07	90.7	88.0	2.95	60-140	25
TPH as Diesel	55679-56	<1.0	20.0	20.0	18.8	18.4	mg/Kg	M EPA 8015	3/31/07	94.2	92.0	2.40	60-140	25
TPH as Diesel	55679-57	1.4	20.0	20.0	18.9	18.7	mg/Kg	M EPA 8015	4/3/07	88.3	87.5	0.955	60-140	25
TPH as Diesel	55628-07	9.4	20.0	20.0	28.7	24.5	mg/Kg	M EPA 8015	4/3/07	97.7	83.2	16.0	60-140	25
TPH as Diesel	55679-10	1.4	20.0	20.0	16.6	17.6	mg/Kg	M EPA 8015	4/5/07	77.4	82.3	6.14	60-140	25
Benzene	55696-01	<0.0050	0.0400	0.0401	0.0457	0.0444	mg/Kg	EPA 8260B	3/30/07	114	111	3.08	70-130	25
Toluene	55696-01	<0.0050	0.0400	0.0401	0.0444	0.0436	mg/Kg	EPA 8260B	3/30/07	111	109	2.16	70-130	25
Tert-Butanol	55696-01	<0.0050	0.200	0.200	0.195	0.182	mg/Kg	EPA 8260B	3/30/07	97.7	91.0	7.07	70-130	25
Methyl-t-Butyl Ether	55696-01	<0.0050	0.0400	0.0401	0.0446	0.0450	mg/Kg	EPA 8260B	3/30/07	111	112	0.778	70-130	25
Benzene	55679-35	<0.0050	0.0397	0.0401	0.0352	0.0366	mg/Kg	EPA 8260B	3/30/07	88.6	91.2	2.89	70-130	25
Toluene	55679-35	<0.0050	0.0397	0.0401	0.0340	0.0354	mg/Kg	EPA 8260B	3/30/07	85.8	88.3	2.83	70-130	25
Tert-Butanol	55679-35	<0.0050	0.198	0.200	0.155	0.173	mg/Kg	EPA 8260B	3/30/07	78.3	86.5	9.87	70-130	25
Methyl-t-Butyl Ether	55679-35	<0.0050	0.0397	0.0401	0.0343	0.0383	mg/Kg	EPA 8260B	3/30/07	86.4	95.6	10.0	70-130	25
Benzene	55679-17	<0.0050	0.0397	0.0397	0.0374	0.0381	mg/Kg	EPA 8260B	3/30/07	94.4	96.0	1.76	70-130	25
Toluene	55679-17	<0.0050	0.0397	0.0397	0.0371	0.0374	mg/Kg	EPA 8260B	3/30/07	93.5	94.2	0.673	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 55679

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 4/6/2007

Project Name : **Sara Lee-Oakland**

Project Number : **62402797**

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	55679-17	<0.0050	0.198	0.198	0.166	0.171	mg/Kg	EPA 8260B	3/30/07	83.8	86.0	2.58	70-130	25
Methyl-t-Butyl Ether	55679-17	<0.0050	0.0397	0.0397	0.0358	0.0367	mg/Kg	EPA 8260B	3/30/07	90.4	92.4	2.27	70-130	25
Benzene	55666-01	<0.0050	0.0397	0.0401	0.0413	0.0408	mg/Kg	EPA 8260B	3/30/07	104	102	2.16	70-130	25
Toluene	55666-01	<0.0050	0.0397	0.0401	0.0402	0.0394	mg/Kg	EPA 8260B	3/30/07	101	98.2	3.25	70-130	25
Tert-Butanol	55666-01	<0.0050	0.198	0.200	0.194	0.192	mg/Kg	EPA 8260B	3/30/07	97.6	95.7	1.98	70-130	25
Methyl-t-Butyl Ether	55666-01	<0.0050	0.0397	0.0401	0.0416	0.0411	mg/Kg	EPA 8260B	3/30/07	105	102	2.16	70-130	25
Benzene	55665-01	<0.0050	0.0399	0.0397	0.0413	0.0418	mg/Kg	EPA 8260B	4/3/07	104	105	1.84	70-130	25
Toluene	55665-01	<0.0050	0.0399	0.0397	0.0399	0.0400	mg/Kg	EPA 8260B	4/3/07	100	101	0.664	70-130	25
Tert-Butanol	55665-01	<0.0050	0.200	0.198	0.197	0.199	mg/Kg	EPA 8260B	4/3/07	98.7	100	1.62	70-130	25
Methyl-t-Butyl Ether	55665-01	<0.0050	0.0399	0.0397	0.0464	0.0451	mg/Kg	EPA 8260B	4/3/07	116	114	2.18	70-130	25
Benzene	55679-58	<0.0050	0.0393	0.0399	0.0414	0.0430	mg/Kg	EPA 8260B	4/4/07	105	108	2.29	70-130	25
Toluene	55679-58	<0.0050	0.0393	0.0399	0.0398	0.0413	mg/Kg	EPA 8260B	4/4/07	101	104	2.18	70-130	25
Tert-Butanol	55679-58	<0.0050	0.196	0.200	0.173	0.173	mg/Kg	EPA 8260B	4/4/07	88.2	86.9	1.55	70-130	25
Methyl-t-Butyl Ether	55679-58	<0.0050	0.0393	0.0399	0.0415	0.0423	mg/Kg	EPA 8260B	4/4/07	106	106	0.382	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 55679

QC Report : Laboratory Control Sample (LCS)

Date : 4/6/2007

Project Name : **Sara Lee-Oakland**

Project Number : **62402797**

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	4/2/07	82.8	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	3/31/07	95.0	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	4/2/07	91.9	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	4/3/07	74.9	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	4/5/07	86.4	70-130
Benzene	0.0400	mg/Kg	EPA 8260B	3/30/07	110	70-130
Toluene	0.0400	mg/Kg	EPA 8260B	3/30/07	107	70-130
Tert-Butanol	0.200	mg/Kg	EPA 8260B	3/30/07	94.0	70-130
Methyl-t-Butyl Ether	0.0400	mg/Kg	EPA 8260B	3/30/07	110	70-130
Benzene	0.0400	mg/Kg	EPA 8260B	3/30/07	99.4	70-130
Toluene	0.0400	mg/Kg	EPA 8260B	3/30/07	98.7	70-130
Tert-Butanol	0.200	mg/Kg	EPA 8260B	3/30/07	97.6	70-130
Methyl-t-Butyl Ether	0.0400	mg/Kg	EPA 8260B	3/30/07	97.8	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 55679

QC Report : Laboratory Control Sample (LCS)

Date : 4/6/2007

Project Name : **Sara Lee-Oakland**

Project Number : **62402797**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	0.0398	mg/Kg	EPA 8260B	3/30/07	98.6	70-130
Toluene	0.0398	mg/Kg	EPA 8260B	3/30/07	98.1	70-130
Tert-Butanol	0.199	mg/Kg	EPA 8260B	3/30/07	89.9	70-130
Methyl-t-Butyl Ether	0.0398	mg/Kg	EPA 8260B	3/30/07	93.6	70-130
Benzene	0.0396	mg/Kg	EPA 8260B	3/30/07	99.8	70-130
Toluene	0.0396	mg/Kg	EPA 8260B	3/30/07	96.9	70-130
Tert-Butanol	0.198	mg/Kg	EPA 8260B	3/30/07	90.5	70-130
Methyl-t-Butyl Ether	0.0396	mg/Kg	EPA 8260B	3/30/07	99.0	70-130
Benzene	0.0394	mg/Kg	EPA 8260B	4/3/07	106	70-130
Toluene	0.0394	mg/Kg	EPA 8260B	4/3/07	101	70-130
Tert-Butanol	0.197	mg/Kg	EPA 8260B	4/3/07	97.3	70-130
Methyl-t-Butyl Ether	0.0394	mg/Kg	EPA 8260B	4/3/07	116	70-130
Benzene	0.0393	mg/Kg	EPA 8260B	4/4/07	111	70-130
Toluene	0.0393	mg/Kg	EPA 8260B	4/4/07	107	70-130
Tert-Butanol	0.196	mg/Kg	EPA 8260B	4/4/07	96.9	70-130
Methyl-t-Butyl Ether	0.0393	mg/Kg	EPA 8260B	4/4/07	115	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Calscience
Environmental
Laboratories, Inc.

April 19, 2007

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 07-04-1133**
Client Reference: Sara Lee-Oakland

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 4/17/2007 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 04/17/07
Work Order No: 07-04-1133
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: Sara Lee-Oakland

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Composite-1 (34,37,53,57)	**07-04-1133-1**	**03/28/07**	**Solid**	**ICP 5300**	**04/17/07**	**04/18/07**	**070417L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	93.7	0.250	1	
Chromium	59.3	0.250	1		Zinc	53.0	1.00	1	
Lead	8.90	0.500	1						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Composite-2 (35,38,54,58)	**07-04-1133-2**	**03/28/07**	**Solid**	**ICP 5300**	**04/17/07**	**04/18/07**	**070417L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	86.7	0.250	1	
Chromium	44.9	0.250	1		Zinc	48.9	1.00	1	
Lead	7.85	0.500	1						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Composite-3 (36,40,55,60)	**07-04-1133-3**	**03/28/07**	**Solid**	**ICP 5300**	**04/17/07**	**04/18/07**	**070417L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	123	0.250	1	
Chromium	71.6	0.250	1		Zinc	59.0	1.00	1	
Lead	10.3	0.500	1						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**097-01-002-9,144**	**N/A**	**Solid**	**ICP 5300**	**04/17/07**	**04/18/07**	**070417L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	ND	0.250	1	
Chromium	ND	0.250	1		Zinc	ND	1.00	1	
Lead	ND	0.500	1						

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 04/17/07
Work Order No: 07-04-1133
Preparation: EPA 3050B
Method: EPA 6010B

Project Sara Lee-Oakland

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
Composite-1 (34,37,53,57)	**Solid**	**ICP 5300**	**04/17/07**	**04/18/07**	**070417S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Cadmium	99	97	75-125	2	0-20	
Chromium	148	113	75-125	10	0-20	3
Lead	103	99	75-125	3	0-20	
Nickel	120	78	75-125	9	0-20	
Zinc	142	127	75-125	4	0-20	3

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Kiff Analytical		Date Received:	N/A
2795 2nd Street, Suite 300		Work Order No:	07-04-1133
Davis, CA 95616-6593		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: Sara Lee-Oakland

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-9,144	**Solid**	**ICP 5300**	**04/17/07**	**04/18/07**	**070417L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Cadmium	106	106	80-120	0	0-20	
Chromium	105	104	80-120	1	0-20	
Lead	105	106	80-120	1	0-20	
Nickel	110	112	80-120	1	0-20	
Zinc	110	113	80-120	3	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-04-1133

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike 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.

KIFF Analytical LLC

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. 1133

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Scott Forbes

EDF Report? _X_ Yes __No

Company/Address: Kiff Analytical, LLC

Phone No.: | FAX No.:

Project Number: 62402797 | P.O. No.: 55679

Project Name: Sara Lee-Oakland

Project Address:

Recommended but not mandatory to complete this section:

Sampling Company Log Code: ETIC

Global ID: T0600177342

EDF Deliverable to (Email Address): inbox@kiffanalytical.com

E-mail address: inbox@kiffanalytical.com

Sample Designation	Sampling		Container					Preservative					Matrix			Analysis Request								Date due:	For Lab Use Only
	Date	Time	VOA	Poly	Sleeve	Amber	Glass Jar	HNO_3	H_2SO_4	$Na_2S_2O_3$	$ZnAc_2$ & NaOH	NONE	WATER	SOIL	Air	LUFT 5 Metals								April 20, 2007	
Compsite-1 (34,37,53,57)	3/28/06	15:16					1					1		X		X								X	
Compsite-2 (35,38,54,58)	3/28/06	15:20					1					1		X		X								X	
Compsite-3 (36,40,55,60)	3/28/06	15:25					1					1		X		X								X	

Relinquished by: Hardip Kandola Kiff Analytical	Date 041607	Time 1900	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date 4/17/07	Time 0930	Received by Laboratory:

Remarks: Rush OK by Vic on 040607.

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 04 - 1133

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Kiff **DATE:** 4/17/07

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 Present: _____

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:

Calscience
Environmental
Laboratories, Inc.

Supplemental Report 1

May 01, 2007

Additional requested analyses are reported as a stand-alone report.

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 07-04-1133**
Client Reference: Sara Lee-Oakland

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 4/17/2007 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 04/17/07
Work Order No: 07-04-1133
Preparation: T22.11.5.AII
Method: EPA 6010B

Project: Sara Lee-Oakland

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Composite-1 (34,37,53,57)	**07-04-1133-1**	**03/28/07**	**Solid**	**ICP 5300**	**04/25/07**	**04/30/07**	**070427L02**

Parameter	Result	RL	DF	Qual	Units
Chromium	0.127	0.0500	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Composite-3 (36,40,55,60)	**07-04-1133-3**	**03/28/07**	**Solid**	**ICP 5300**	**04/25/07**	**04/30/07**	**070427L02**

Parameter	Result	RL	DF	Qual	Units
Chromium	0.498	0.0500	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**097-05-006-3,517**	**N/A**	**Solid**	**ICP 5300**	**04/25/07**	**04/27/07**	**070427L02**

Parameter	Result	RL	DF	Qual	Units
Chromium	ND	0.0500	1		mg/L

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 04/17/07
Work Order No: 07-04-1133
Preparation: T22.11.5.AII
Method: EPA 6010B

Project Sara Lee-Oakland

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-04-1576-7	**Solid**	**ICP 5300**	**04/25/07**	**04/27/07**	**070427S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Chromium	97	96	75-125	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Kiff Analytical		Date Received:	N/A
2795 2nd Street, Suite 300		Work Order No:	07-04-1133
Davis, CA 95616-6593		Preparation:	T22.11.5.AII
		Method:	EPA 6010B

Project: Sara Lee-Oakland

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-05-006-3,517	**Solid**	**ICP 5300**	**04/25/07**	**04/27/07**	**070427L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Chromium	105	108	80-120	3	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-04-1133

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike 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.

KIFF Analytical LLC
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

REVISED 4/24/07

Lab No. _____ Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Scott Forbes

EDF Report? _X_ Yes __No

Company/Address: Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Sampling Company Log Code: ETIC

Global ID: T0600177342

Phone No.: FAX No.:

EDF Deliverable to (Email Address): inbox@kiffanalytical.com

Project Number: 62402797 P.O. No.: 55679

E-mail address: inbox@kiffanalytical.com

Project Name: Sara Lee-Oakland

Project Address:

Sample Designation	Sampling Date	Sampling Time	Container: VOA	Poly	Sleeve	Amber	Glass Jar	Preservative: HNO_3	H_2SO_4	$Na_2S_2O_3$	$ZnAc_2$ & NaOH	NONE	Matrix: WATER	SOIL	Air	Analysis Request: LUFT 5 Metals	WET Extraction - Chromium (STLC)						May 1, 2007	Date due: April 20, 2007	For Lab Use Only
Compsite-1 (34,37,53,57)	**3/28/06**	**15:16**					**1**					**1**		**X**		x	**X**						**X**	x	
Compsite-2 (35,38,54,58)	3/28/06	15:20					1					1		X		X								X	
Compsite-3 (36,40,55,60)	**3/28/06**	**15:25**					**1**					**1**		**X**		x	**X**						**X**	x	

Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:

Remarks: Rush OK by Vic on 040607.

Do not run sample "Composite -2 (35,38,54,58)"

Bill to: Accounts Payable

KIFF Analytical LLC

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. 1133 Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Scott Forbes

EDF Report? _X_ Yes __No

Company/Address: Kiff Analytical, LLC

Phone No.: FAX No.:

Project Number: 62402797 P.O. No.: 55679

Project Name: Sara Lee-Oakland

Project Address:

Recommended but not mandatory to complete this section:

Sampling Company Log Code: ETIC

Global ID: T0600177342

EDF Deliverable to (Email Address): inbox@kiffanalytical.com

E-mail address: inbox@kiffanalytical.com

Sample Designation	Sampling		Container					Preservative					Matrix			Analysis Request								Date due:	For Lab Use Only
	Date	Time	VOA	Poly	Sleeve	Amber	Glass Jar	HNO_3	H_2SO_4	$Na_2S_2O_3$	$ZnAc_2$ & NaOH	NONE	WATER	SOIL	Air	LUFT 5 Metals								April 20, 2007	
Compsite-1 (34,37,53,57)	3/28/06	15:16					1					1		X		X								X	
Compsite-2 (35,38,54,58)	3/28/06	15:20					1					1		X		X								X	
Compsite-3 (36,40,55,60)	3/28/06	15:25					1					1		X		X								X	

Relinquished by: Hardip Kandola Kiff Analytical	Date 041607	Time 1900	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date 4/17/07	Time 0930	Received by Laboratory:

Remarks: Rush OK by Vic on 040607.

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 04 - 1133

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Kiff DATE: 4/17/07

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 Present: _____

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:

KIFF Analytical LLC

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

SRG # / Lab No. 55679

Page 1 of 7

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Paul Anderson, PSC Environmental Services	California EDF Report? ☑ Yes ☐ No
Address: 210 West Sand Bank Road, Columbia, IL 62236	Sampling Company Log Code: TMSLOAK3, Task 3.2
Phone: (618) 281-1546 Fax: (618) 281-7020	Global ID: T0600177342
Project #: 62402797 P.O. #:	EDF Deliverable To (Email Address): panderson@pscnow.com, eticlabreports@eiceng.com
Project Name: Sara Lee-Oakland	Sampler Signature:
Project Address: 955 Kennedy Street, Oakland, California	

Sample Designation	Sampling: Date	Sampling: Time	Container: 40-ml HCL VOA	Container: Sleeve	Container: Unpres. Poly.	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: Air	For Lab Use Only
E41, 5.0'	3/28/07	1050		X								X		01
E41, 10.0'		1123												02
E41, 15.0'		1130												03
E41, 20.0'		1140												04
E41, 25.0'		1149												05
E42, 5.0'	3/29/07	1505												06
E42, 10.0'		1510												07
E42, 15.0'		1511												08
E42, 20.0'		1520												09
E42, 25.0'		1530												10

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 & EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M) w/silica gel	TPH as Motor Oil (EPA 8015M) w/silica gel	Filter & acidify then analyze-Lead (EPA 6010)	W.E.T. Lead (STLC)				
X	X	X	X							X	X						

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☑ 1 wk

Relinquished by:	Date	Time	Received by:
	3/29/07	1536	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	033007	1126	Kiff Analytical

Remarks:

Please also send the PDF report to : eticlabreports@eiceng.com

Bill to: PSC Environmental Services, 210 West Sand Bank Road, Columbia, IL

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
2.0	RM	033007	1530	IR-5	Yes

KIFF Analytical LLC

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

SRG # / Lab No. 55679

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Paul Anderson, PSC Environmental Services	California EDF Report? ☑ Yes ☐ No
Address: 210 West Sand Bank Road, Columbia, IL 62236	Sampling Company Log Code: TMSLOAK3, Task 3.2
Phone: (618) 281-1546 Fax: (618) 281-7020	Global ID: T0600177342
Project #: 62402797 P.O. #:	EDF Deliverable To (Email Address): panderson@pscnow.com, eticlabreports@eiceng.com
Project Name: Sara Lee-Oakland	Sampler Signature:
Project Address: 955 Kennedy Street, Oakland, California	

Sample Designation	Sampling: Date	Sampling: Time	Container: 40-ml HCL VOA	Container: Sleeve	Container: Unpres. Poly.	Container: Glass	Container: Tedlar	Container:	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative:	Preservative:	Matrix: Water	Matrix: Soil	Matrix: Air	Analysis Request: MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	Analysis Request: MTBE (EPA 8260B) @ 0.5 ppb	Analysis Request: BTEX (EPA 8260B)	Analysis Request: TPH Gas (EPA 8260B)	Analysis Request: 5 Oxygenates (EPA 8260B)	Analysis Request: 7 Oxygenates (EPA 8260B)	Analysis Request: Lead Scav.(1,2 DCA & EDB-EPA 8260B)	Analysis Request: Volatile Halocarbons (EPA 8260B)	Analysis Request: Volatile Organics Full List (EPA 8260B)	Analysis Request: Volatile Organics (EPA 524.2 Drinking Water)	Analysis Request: TPH as Diesel (EPA 8015M) with silica gel	Analysis Request: TPH as Motor Oil (EPA 8015M) with silica gel	Analysis Request: Filter & acidify then analyze-Lead (EPA 6010)	Analysis Request: W.E.T. Lead (STLC)	Analysis Request:	Analysis Request:	Analysis Request:	TAT	For Lab Use Only
E43, 5.0'	3/29/07	1430		X											X			X	X	X							X	X							11
E43, 10.0'		1440																																	12
E43, 15.0'		1432																																	13
E43, 20.0'		1438																																	14
E43, 25.0'		1450																																	15
E44, 5.0'	3/28/07	0930																																	16
E44, 10.0'		0940																																	17
E44, 15.0'		0945																																	18
E44, 20.0'		1002																																	19
E44, 24.0'		1005																																	20

Relinquished by:	Date	Time	Received by:
	3/3/07	1526	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	033007	1126	Kiff Analytical

Remarks:

Please also send the PDF report to : eticlabreports@eticeng.com

Bill to: PSC Environmental Services, 210 West Sand Bank Road, Columbia, IL

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present

KIFF Analytical LLC

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

SRG # / Lab No. 55679

Page 3 of 7

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Paul Anderson, PSC Environmental Services	California EDF Report? ☑ Yes ☐ No
Address: 210 West Sand Bank Road, Columbia, IL 62236	Sampling Company Log Code: TMSLOAK3, Task 3.2
Phone: (618) 281-1546 Fax: (618) 281-7020	Global ID: T0600177342
Project #: 62402797 P.O. #:	EDF Deliverable To (Email Address): panderson@pscnow.com, eticlabreports@eiceng.com
Project Name: Sara Lee-Oakland	Sampler Signature:
Project Address: 955 Kennedy Street, Oakland, California	

Sample Designation	Sampling: Date	Sampling: Time	Container: 40-ml HCL VOA	Container: Sleeve	Container: Unpres. Poly.	Container: Glass	Container: Tedlar	Container:	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative:	Preservative:	Matrix: Water	Matrix: Soil	Matrix: Air	Analysis Request: MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	Analysis Request: MTBE (EPA 8260B) @ 0.5 ppb	Analysis Request: BTEX (EPA 8260B)	Analysis Request: TPH Gas (EPA 8260B)	Analysis Request: 5 Oxygenates (EPA 8260B)	Analysis Request: 7 Oxygenates (EPA 8260B)	Analysis Request: Lead Scav.(1,2 DCA & EDB-EPA 8260B)	Analysis Request: Volatile Halocarbons (EPA 8260B)	Analysis Request: Volatile Organics Full List (EPA 8260B)	Analysis Request: Volatile Organics (EPA 524.2 Drinking Water)	Analysis Request: TPH as Diesel (EPA 8015M) Silica gel	Analysis Request: TPH as Motor Oil (EPA 8015M) Silica gel	Analysis Request: Filter & acidify then analyze-Lead (EPA 6010)	Analysis Request: W.E.T. Lead (STLC)	Analysis Request:	Analysis Request:	Analysis Request:	TAT	For Lab Use Only
E45, 5.0'	3/29/07	0950		X											X			X		X							X	X							21
E45, 10.0'		1015																																	22
E45, 15.0'		1020																																	23
E45, 20.0'		1022																																	24
E45, 25.0'		1035																																	25
E45, 28.0'		1040																																	26
E46, 5.0'		0940																																	27
E46, 10.0'		1118																																	28
E46, 12.0'		1127																																	29
E46, 15.0'	✓	1124																																	30

Relinquished by:	Date	Time	Received by:
	3/30/07	1058	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
	033007	1126	Ron McLee Kiff Analytical

Remarks:

Please also send the PDF report to : eticlabreports@eiceng.com

Bill to: PSC Environmental Services, 210 West Sand Bank Road, Columbia, IL

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present

KIFF Analytical LLC

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

SRG # / Lab No. 55679

Page 4 of 7

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To):
Paul Anderson, PSC Environmental Services

California EDF Report? ☑ Yes ☐ No

Address: 210 West Sand Bank Road
Columbia, IL 62236

Sampling Company Log Code:
TMSLOAK3, Task 3.2

Phone: (618) 281-1546 Fax: (618) 281-7020

Global ID: T0600177342

Project #: 62402797 P.O. #:

EDF Deliverable To (Email Address):
panderson@pscnow.com, eticlabreports@eiceng.com

Project Name: Sara Lee-Oakland

Sampler Signature:

Project Address:
955 Kennedy Street
Oakland, California

Sample Designation	Sampling: Date	Sampling: Time	Container: 40-ml HCL VOA	Container: Sleeve	Container: Unpres. Poly.	Container: Glass	Container: Tedlar	Container:	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative:	Matrix: Water	Matrix: Soil	Matrix: Air	Analysis Request: MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	Analysis Request: MTBE (EPA 8260B) @ 0.5 ppb	Analysis Request: BTEX (EPA 8260B)	Analysis Request: TPH Gas (EPA 8260B)	Analysis Request: 5 Oxygenates (EPA 8260B)	Analysis Request: 7 Oxygenates (EPA 8260B)	Analysis Request: Lead Scav.(1,2 DCA & EDB-EPA 8260B)	Analysis Request: Volatile Halocarbons (EPA 8260B)	Analysis Request: Volatile Organics Full List (EPA 8260B)	Analysis Request: Volatile Organics (EPA 524.2 Drinking Water)	Analysis Request: TPH as Diesel (EPA 8015M) w/ silica gel	Analysis Request: TPH as Motor Oil (EPA 8015M) w/ silica gel	Analysis Request: Filter & acidify then analyze-Lead (EPA 6010)	Analysis Request: W.E.T. Lead (STLC)	Analysis Request:	Analysis Request:	Analysis Request:	For Lab Use Only
E46, 20.0'	3/29/07	1130		X										X			X	X	X							X	X					31
E46, 25.0'		1144																									X					32
E46, 28.0'		1155																									X					33
E47, 5.0'	3/28/07	1516																														34
E47, 10.0'		1520																														35
E47, 15.0'		1525																														36
E48, 4.0'		1310																														37
E48, 9.0'		1325																														38
E48, 12.5'		1330																														39
E48, 15.0'		1345		↓										↓		↓	↓	↓	↓						↓							40

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☑ 1 wk

Relinquished by:	Date	Time	Received by:
	3/31/07	1536	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	033007	1126	Ron McGee Kiff Analytical

Remarks:

Please also send the PDF report to : eticlabreports@eiceng.com

Bill to: PSC Environmental Services, 210 West Sand Bank Road, Columbia, IL

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present

KIFF Analytical LLC

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

SRG # / Lab No. 55679

Page 5 of 7

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Paul Anderson, PSC Environmental Services

California EDF Report? ☑ Yes ☐ No

Address: 210 West Sand Bank Road, Columbia, IL 62236

Sampling Company Log Code: TMSLOAK3, Task 3.2

Phone: (618) 281-1546 Fax: (618) 281-7020

Global ID: T0600177342

Project #: 62402797 P.O. #:

EDF Deliverable To (Email Address): panderson@pscnow.com, eticlabreports@eiceng.com

Project Name: Sara Lee-Oakland

Sampler Signature:

Project Address: 955 Kennedy Street, Oakland, California

Sample Designation	Sampling: Date	Sampling: Time	Container: 40-ml HCl VOA	Container: Sleeve	Container: Unpres. Poly.	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: Air	Analysis Request: MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	Analysis Request: MTBE (EPA 8260B) @ 0.5 ppb	Analysis Request: BTEX (EPA 8260B)	Analysis Request: TPH Gas (EPA 8260B)	Analysis Request: 5 Oxygenates (EPA 8260B)	Analysis Request: 7 Oxygenates (EPA 8260B)	Analysis Request: Lead Scav.(1,2 DCA & EDB-EPA 8260B)	Analysis Request: Volatile Halocarbons (EPA 8260B)	Analysis Request: Volatile Organics Full List (EPA 8260B)	Analysis Request: Volatile Organics (EPA 524.2 Drinking Water)	Analysis Request: TPH as Diesel (EPA 8015M) w/ silica gel	Analysis Request: TPH as Motor Oil (EPA 8015M)	Analysis Request: Filter & acidify then analyze-Lead (EPA 6010)	Analysis Request: W.E.T. Lead (STLC)	For Lab Use Only
E48, 20.0'	3/28/07	1400		X								X			X	X	X							X					41
E48, 25.0'	↓	1405																											42
E49, 5.0'	3/29/07	0930																											43
E49, 8.5'		1246																											44
E49, 10.0'		1233																											45
E49, 15.0'		1250																											46
E49, 20.0'		1254																											47
E49, 25.0'		1301																											48
E49, 28.0'	↓	1315																											49
E50, 5.0'	3/28/07	1444		↓								↓		↓	↓	↓	↓							↓					50

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☑ 1 wk

Relinquished by:	Date	Time	Received by:
	3/30/07	1536	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	033007	1126	Kiff Analytical

Remarks:

Please also send the PDF report to : eticlabreports@eiceng.com

Bill to: PSC Environmental Services, 210 West Sand Bank Road, Columbia, IL

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present

KIFF Analytical LLC

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

SRG # / Lab No. 55679

Page 6 of 7

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Paul Anderson, PSC Environmental Services	California EDF Report? ☑ Yes ☐ No
Address: 210 West Sand Bank Road, Columbia, IL 62236	Sampling Company Log Code: TMSLOAK3, Task 3.2
Phone: (618) 281-1546 Fax: (618) 281-7020	Global ID: T0600177342
Project #: 62402797 P.O. #:	EDF Deliverable To (Email Address): panderson@pscnow.com, eticlabreports@eiceng.com
Project Name: Sara Lee-Oakland	Sampler Signature:
Project Address: 955 Kennedy Street, Oakland, California	

Sample Designation	Sampling: Date	Sampling: Time	Container: 40-ml HCL VOA	Container: Sleeve	Container: Unpres. Poly.	Container: Glass	Container: Tedlar	Container:	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative:	Preservative:	Matrix: Water	Matrix: Soil	Matrix: 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 & EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M) w/ silica gel	TPH as Motor Oil (EPA 8015M)	Filter & acidify then analyze-Lead (EPA 6010)	W.E.T. Lead (STLC)				For Lab Use Only
E50, 10.0'	3/28/07	1447		X											X			X	X	X							X								51
E50, 15.0'		1454																																	52
E51, 5.0'		1600																																	53
E51, 10.0'		1610																																	54
E51, 15.0'		1620																																	55
E51, 20.0'		1628																																	56
E52, 5.5'		1420																																	57
E52, 10.0'		1424																																	58
E52, 12.5'		1430																																	59
E52, 15.5'	↓	1432		↓											↓			↓	↓	↓							↓								60

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☑ 1 wk

Relinquished by:	Date	Time	Received by:
	3/29/07	1536	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	033007	1126	Kiff Analytical

Remarks:

Please also send the PDF report to : eticlabreports@eiceng.com

Bill to: PSC Environmental Services, 210 West Sand Bank Road, Columbia, IL

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present

KIFF Analytical LLC

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

SRG # / Lab No. 55679

Page 7 of 7

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Paul Anderson, PSC Environmental Services	California EDF Report? ☑ Yes ☐ No
Address: 210 West Sand Bank Road, Columbia, IL 62236	Sampling Company Log Code: TMSLOAK3, Task 3.2
Phone: (618) 281-1546 Fax: (618) 281-7020	Global ID: T0600177342
Project #: 62402797 P.O. #:	EDF Deliverable To (Email Address): panderson@pscnow.com, eticlabreports@eiceng.com
Project Name: Sara Lee-Oakland	Sampler Signature:
Project Address: 955 Kennedy Street, Oakland, California	

Sample Designation	Sampling Date	Sampling Time	Container: 40-ml HCL VOA	Container: Sleeve	Container: Unpres. Poly.	Container: Glass	Container: Tedlar	Container:	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative:	Preservative:	Matrix: Water	Matrix: Soil	Matrix: Air	Matrix:	Analysis Request: MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	Analysis Request: MTBE (EPA 8260B) @ 0.5 ppb	Analysis Request: BTEX (EPA 8260B)	Analysis Request: TPH Gas (EPA 8260B)	Analysis Request: 5 Oxygenates (EPA 8260B)	Analysis Request: 7 Oxygenates (EPA 8260B)	Analysis Request: Lead Scav.(1,2 DCA & EDB-EPA 8260B)	Analysis Request: Volatile Halocarbons (EPA 8260B)	Analysis Request: Volatile Organics Full List (EPA 8260B)	Analysis Request: Volatile Organics (EPA 524.2 Drinking Water)	Analysis Request: TPH as Diesel (EPA 8015M) with silica gel	Analysis Request: TPH as Motor Oil (EPA 8015M)	Analysis Request: Filter & acidify then analyze-Lead (EPA 6010)	Analysis Request: W.E.T. Lead (STLC)	Analysis Request:	Analysis Request:	Analysis Request:	TAT	For Lab Use Only
0 E52, 20.0'	3/28/07	1437		X											X				X	X	X													☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☑ 1 wk	61

Relinquished by:	Date	Time	Received by:
	3/31/07	1536	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	033007	1126	Kiff Analytical

Remarks:

Please also send the PDF report to : eticlabreports@eticeng.com

Bill to: PSC Environmental Services, 210 West Sand Bank Road, Columbia, IL

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present

KIFF Analytical LLC

Report Number : 55678
Date : 04/06/2007

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

Subject : 11 Water Samples
Project Name : Sara Lee-Oakland
Project Number : 62402797

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,

Joel Kiff

KIFF Analytical LLC

Report Number : 55678
Date : 04/06/2007

Subject : 11 Water Samples
Project Name : Sara Lee-Oakland
Project Number : 62402797

Case Narrative

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for sample E46. 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 E41 and E46. There are discrete peaks which may or may not be petroleum related.

Hydrocarbons reported as TPH as Gasoline do not exhibit a typical Gasoline chromatographic pattern for samples E41 and E43.

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 55678
Date : 04/06/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E41** Matrix : Water Lab Number : 55678-01
Sample Date :03/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Methyl-t-butyl ether (MTBE)	**0.62**	0.50	ug/L	EPA 8260B	04/02/2007
TPH as Gasoline	**59**	50	ug/L	EPA 8260B	04/02/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	04/02/2007
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	04/02/2007
TPH as Diesel (w/ Silica Gel)	**< 50**	50	ug/L	M EPA 8015	04/05/2007
TPH as Motor Oil (w/ Silica Gel)	**180**	100	ug/L	M EPA 8015	04/05/2007
Octacosane (Diesel Silica Gel Surr)	96.1		% Recovery	M EPA 8015	04/05/2007

Sample : **E42** Matrix : Water Lab Number : 55678-02
Sample Date :03/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	04/02/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	04/02/2007
4-Bromofluorobenzene (Surr)	93.0		% Recovery	EPA 8260B	04/02/2007
TPH as Diesel (w/ Silica Gel)	**840**	50	ug/L	M EPA 8015	04/04/2007
TPH as Motor Oil (w/ Silica Gel)	**240**	100	ug/L	M EPA 8015	04/04/2007
Octacosane (Diesel Silica Gel Surr)	92.1		% Recovery	M EPA 8015	04/04/2007

Approved By: Joel Kiff

KIFF Analytical LLC

Report Number : 55678
Date : 04/06/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E43** Matrix : Water Lab Number : 55678-03
Sample Date :03/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Toluene	**0.51**	0.50	ug/L	EPA 8260B	04/02/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
TPH as Gasoline	**53**	50	ug/L	EPA 8260B	04/02/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	04/02/2007
4-Bromofluorobenzene (Surr)	93.3		% Recovery	EPA 8260B	04/02/2007
TPH as Diesel (w/ Silica Gel)	**< 50**	50	ug/L	M EPA 8015	04/04/2007
TPH as Motor Oil (w/ Silica Gel)	**< 100**	100	ug/L	M EPA 8015	04/04/2007
Octacosane (Diesel Silica Gel Surr)	93.6		% Recovery	M EPA 8015	04/04/2007

Sample : **E44** Matrix : Water Lab Number : 55678-04
Sample Date :03/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	04/02/2007
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	04/02/2007
4-Bromofluorobenzene (Surr)	91.3		% Recovery	EPA 8260B	04/02/2007
TPH as Diesel (w/ Silica Gel)	**< 50**	50	ug/L	M EPA 8015	04/04/2007
TPH as Motor Oil (w/ Silica Gel)	**< 100**	100	ug/L	M EPA 8015	04/04/2007
Octacosane (Diesel Silica Gel Surr)	91.4		% Recovery	M EPA 8015	04/04/2007

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 55678
Date : 04/06/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E45** Matrix : Water Lab Number : 55678-05
Sample Date :03/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	04/02/2007
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	04/02/2007
4-Bromofluorobenzene (Surr)	92.5		% Recovery	EPA 8260B	04/02/2007
TPH as Diesel (w/ Silica Gel)	**< 50**	50	ug/L	M EPA 8015	04/04/2007
TPH as Motor Oil (w/ Silica Gel)	**< 100**	100	ug/L	M EPA 8015	04/04/2007
Octacosane (Diesel Silica Gel Surr)	91.4		% Recovery	M EPA 8015	04/04/2007

Sample : **E46** Matrix : Water Lab Number : 55678-06
Sample Date :03/29/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Toluene	**0.84**	0.50	ug/L	EPA 8260B	04/02/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Methyl-t-butyl ether (MTBE)	**2.4**	0.50	ug/L	EPA 8260B	04/02/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	04/02/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	04/02/2007
4-Bromofluorobenzene (Surr)	93.0		% Recovery	EPA 8260B	04/02/2007
TPH as Diesel (w/ Silica Gel)	**250**	50	ug/L	M EPA 8015	04/04/2007
TPH as Motor Oil (w/ Silica Gel)	**750**	100	ug/L	M EPA 8015	04/04/2007
Octacosane (Diesel Silica Gel Surr)	109		% Recovery	M EPA 8015	04/04/2007

Approved By: Joel Kiff

KIFF Analytical LLC

Report Number : 55678
Date : 04/06/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E47** Matrix : Water Lab Number : 55678-07
Sample Date :03/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/04/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	04/04/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/04/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/04/2007
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	04/04/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	04/04/2007
Toluene - d8 (Surr)	97.8		% Recovery	EPA 8260B	04/04/2007
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	04/04/2007
TPH as Diesel (Silica Gel)	**22000**	50	ug/L	M EPA 8015	04/04/2007
Octacosane (Diesel Silica Gel Surr)	105		% Recovery	M EPA 8015	04/04/2007

Sample : **E48** Matrix : Water Lab Number : 55678-08
Sample Date :03/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	04/02/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	04/02/2007
4-Bromofluorobenzene (Surr)	98.5		% Recovery	EPA 8260B	04/02/2007
TPH as Diesel (Silica Gel)	**< 50**	50	ug/L	M EPA 8015	04/03/2007
Octacosane (Diesel Silica Gel Surr)	89.5		% Recovery	M EPA 8015	04/03/2007

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 55678
Date : 04/06/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E50** Matrix : Water Lab Number : 55678-09
Sample Date :03/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	04/02/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	04/02/2007
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	04/02/2007
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	04/02/2007
TPH as Diesel (Silica Gel)	**7300**	50	ug/L	M EPA 8015	04/05/2007
Octacosane (Diesel Silica Gel Surr)	130		% Recovery	M EPA 8015	04/05/2007

Sample : **E51** Matrix : Water Lab Number : 55678-10
Sample Date :03/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/03/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	04/03/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/03/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/03/2007
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	04/03/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	04/03/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	04/03/2007
4-Bromofluorobenzene (Surr)	97.4		% Recovery	EPA 8260B	04/03/2007
TPH as Diesel (Silica Gel)	**3200**	50	ug/L	M EPA 8015	04/03/2007
Octacosane (Diesel Silica Gel Surr)	94.6		% Recovery	M EPA 8015	04/03/2007

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 55678
Date : 04/06/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **E52** Matrix : Water Lab Number : 55678-11
Sample Date :03/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/03/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	04/03/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/03/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/03/2007
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	04/03/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	04/03/2007
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	04/03/2007
4-Bromofluorobenzene (Surr)	98.1		% Recovery	EPA 8260B	04/03/2007
TPH as Diesel (Silica Gel)	**200**	50	ug/L	M EPA 8015	04/03/2007
Octacosane (Diesel Silica Gel Surr)	92.0		% Recovery	M EPA 8015	04/03/2007

Approved By: Joel Kiff

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

Report Number : 55678

Date : 04/06/2007

QC Report : Method Blank Data

Project Name : **Sara Lee-Oakland**

Project Number : **62402797**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	04/03/2007
TPH as Diesel (w/ Silica Gel)	< 50	50	ug/L	M EPA 8015	04/03/2007
TPH as Motor Oil (w/ Silica Gel)	< 100	100	ug/L	M EPA 8015	04/03/2007
Octacosane (Diesel Silica Gel Surr)	90.7		%	M EPA 8015	04/03/2007
TPH as Diesel (w/ Silica Gel)	< 50	50	ug/L	M EPA 8015	04/05/2007
TPH as Motor Oil (w/ Silica Gel)	< 100	100	ug/L	M EPA 8015	04/05/2007
Octacosane (Diesel Silica Gel Surr)	88.0		%	M EPA 8015	04/05/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/02/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/02/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/02/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/02/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/02/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/02/2007
Toluene - d8 (Surr)	101		%	EPA 8260B	04/02/2007
4-Bromofluorobenzene (Surr)	100		%	EPA 8260B	04/02/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/04/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/04/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/04/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/04/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/04/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/04/2007
Toluene - d8 (Surr)	97.9		%	EPA 8260B	04/04/2007
4-Bromofluorobenzene (Surr)	105		%	EPA 8260B	04/04/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 55678

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 04/06/2007

Project Name : **Sara Lee-Oakland**

Project Number : **62402797**

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	985	984	ug/L	M EPA 8015	4/3/07	98.5	98.4	0.0834	70-130	25
TPH as Diesel	Blank	<50	1000	1000	918	841	ug/L	M EPA 8015	4/5/07	91.8	84.1	8.79	70-130	25
Benzene	55678-01	<0.50	40.0	39.8	46.7	45.1	ug/L	EPA 8260B	4/2/07	117	113	3.20	70-130	25
Toluene	55678-01	<0.50	40.0	39.8	44.8	43.5	ug/L	EPA 8260B	4/2/07	112	109	2.61	70-130	25
Tert-Butanol	55678-01	<5.0	200	199	206	204	ug/L	EPA 8260B	4/2/07	103	102	0.686	70-130	25
Methyl-t-Butyl Ether	55678-01	0.62	40.0	39.8	47.5	46.2	ug/L	EPA 8260B	4/2/07	117	114	2.49	70-130	25
Benzene	55741-01	<0.50	40.0	40.0	37.9	37.4	ug/L	EPA 8260B	4/4/07	94.8	93.6	1.34	70-130	25
Toluene	55741-01	<0.50	40.0	40.0	37.5	36.9	ug/L	EPA 8260B	4/4/07	93.7	92.3	1.49	70-130	25
Tert-Butanol	55741-01	36	200	200	236	234	ug/L	EPA 8260B	4/4/07	99.6	98.5	1.08	70-130	25
Methyl-t-Butyl Ether	55741-01	0.88	40.0	40.0	41.5	41.3	ug/L	EPA 8260B	4/4/07	102	101	0.548	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 55678

QC Report : Laboratory Control Sample (LCS)

Date : 04/06/2007

Project Name : **Sara Lee-Oakland**

Project Number : **62402797**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	4/2/07	116	70-130
Toluene	40.0	ug/L	EPA 8260B	4/2/07	111	70-130
Tert-Butanol	200	ug/L	EPA 8260B	4/2/07	101	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	4/2/07	116	70-130
Benzene	40.0	ug/L	EPA 8260B	4/4/07	92.2	70-130
Toluene	40.0	ug/L	EPA 8260B	4/4/07	91.2	70-130
Tert-Butanol	200	ug/L	EPA 8260B	4/4/07	95.5	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	4/4/07	98.6	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

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

SRG # / Lab No. 55678

Page 1 of 2

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Paul Anderson, PSC Environmental Services	California EDF Report? ☑ Yes ☐ No
Address: 210 West Sand Bank Road, Columbia, IL 62236	Sampling Company Log Code: TMSLOAK3, Task 3.2
Phone: (618) 281-1546 Fax: (618) 281-7020	Global ID: T0600177342
Project #: 62402797 P.O. #:	EDF Deliverable To (Email Address): panderson@pscnow.com, eticlabreports@eiceng.com
Project Name: Sara Lee-Oakland	Sampler Signature:
Project Address: 955 Kennedy Street, Oakland, California	

Sample Designation	Sampling: Date	Sampling: Time	Container: 40-ml HCL VOA	Container: Sleeve	Container: Unpres. Poly.	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: 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 & EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M) w/silica gel	TPH as Motor Oil (EPA 8015M) w/silica gel	Filter & acidify then analyze-Lead (EPA 6010)	W.E.T. Lead (STLC)				For Lab Use Only
E41	3/28/07	1149	6					X			X				X	X	X							X	X						01
E42	3/29/07	1538	6					↓			↓				↓	↓	↓							↓	X						02
E43	3/29/07	1500	6																						X						03
E44	3/28/07	1020	6																						X						04
E45	3/29/07	1045	6																						X						05
E46	3/29/07	1300	5																						X						06
E47	3/28/07	1540	6																												07
E48	3/28/07	1345	6																												08
E50	3/28/07	1500	6																												09
E51	3/28/07	1630	6					↓			↓				↓	↓	↓							↓								10

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☑ 1 wk

Relinquished by:	Date	Time	Received by:
	3/30/07	1536	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	033007	1125	Kiff Analytical

Remarks:

Please also send the PDF report to : eticlabreports@eiceng.com

Bill to: PSC Environmental Services, 210 West Sand Bank Road, Columbia, IL

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
1.6	RLM	033007	1534	IR-5	Yes

KIFF Analytical LLC

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

SRG # / Lab No. 55678

Page 2 of 2

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Paul Anderson, PSC Environmental Services	California EDF Report? ☑ Yes ☐ No
Address: 210 West Sand Bank Road, Columbia, IL 62236	Sampling Company Log Code: TMSLOAK3, Task 3.2
Phone: (618) 281-1546 Fax: (618) 281-7020	Global ID: T0600177342
Project #: 62402797 P.O. #:	EDF Deliverable To (Email Address): panderson@pscnow.com, eticlabreports@eiceng.com
Project Name: Sara Lee-Oakland	Sampler Signature:
Project Address: 955 Kennedy Street, Oakland, California	

Sample Designation	Sampling: Date	Sampling: Time	Container: 40-ml HCL VOA	Container: Sleeve	Container: Unpres. Poly.	Container: Glass	Container: Tedlar	Container:	Container:	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative:	Preservative:	Matrix: Water	Matrix: Soil	Matrix: Air	Matrix:	Matrix:
E52	3/28/07	1430	6							X					X				

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 & EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Filter & acidify then analyze-Lead (EPA 6010)	W.E.T. Lead (STLC)					☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☑ 1 wk	
	X	X	X							X									11

Relinquished by:	Date	Time	Received by:
	3/28/07	1536	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	033007	1125	Kiff Analytical

Remarks:

Please also send the PDF report to : eticlabreports@eiceng.com

Bill to: PSC Environmental Services, 210 West Sand Bank Road, Columbia, IL

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present

KIFF Analytical LLC

Report Number : 55677
Date : 4/6/2007

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

Subject : 1 Soil Sample
Project Name : Sara Lee-Oakland
Project Number : 62402797

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,

Joel Kiff

KIFF Analytical LLC

Report Number : 55677
Date : 4/6/2007

Project Name : **Sara Lee-Oakland**
Project Number : **62402797**

Sample : **DRUM 1** Matrix : Soil Lab Number : 55677-01
Sample Date :3/28/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/5/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/5/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/5/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/5/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/5/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	4/5/2007
Toluene - d8 (Surr)	99.4		% Recovery	EPA 8260B	4/5/2007
4-Bromofluorobenzene (Surr)	97.4		% Recovery	EPA 8260B	4/5/2007
TPH as Diesel	**170**	1.0	mg/Kg	M EPA 8015	4/2/2007
TPH as Motor Oil	**< 10**	10	mg/Kg	M EPA 8015	4/2/2007
1-Chlorooctadecane (Diesel Surrogate)	98.6		% Recovery	M EPA 8015	4/2/2007

Approved By: Joel Kiff

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

Report Number : 55677

Date : 4/6/2007

QC Report : Method Blank Data

Project Name : **Sara Lee-Oakland**

Project Number : **62402797**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	4/2/2007
TPH as Motor Oil	< 10	10	mg/Kg	M EPA 8015	4/2/2007
1-Chlorooctadecane (Diesel Surrogate)	73.7		%	M EPA 8015	4/2/2007
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	4/4/2007
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	4/4/2007
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	4/4/2007
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	4/4/2007
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	4/4/2007
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	4/4/2007
Toluene - d8 (Surr)	101		%	EPA 8260B	4/4/2007
4-Bromofluorobenzene (Surr)	96.5		%	EPA 8260B	4/4/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 55677

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 4/6/2007

Project Name : **Sara Lee-Oakland**

Project Number : **62402797**

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	55679-57	2.0	20.0	20.0	18.8	18.8	mg/Kg	M EPA 8015	4/3/07	85.8	85.6	0.250	60-140	25
Benzene	55679-58	<0.0050	0.0393	0.0399	0.0414	0.0430	mg/Kg	EPA 8260B	4/4/07	105	108	2.29	70-130	25
Toluene	55679-58	<0.0050	0.0393	0.0399	0.0398	0.0413	mg/Kg	EPA 8260B	4/4/07	101	104	2.18	70-130	25
Tert-Butanol	55679-58	<0.0050	0.196	0.200	0.173	0.173	mg/Kg	EPA 8260B	4/4/07	88.2	86.9	1.55	70-130	25
Methyl-t-Butyl Ether	55679-58	<0.0050	0.0393	0.0399	0.0415	0.0423	mg/Kg	EPA 8260B	4/4/07	106	106	0.382	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 55677

QC Report : Laboratory Control Sample (LCS)

Date : 4/6/2007

Project Name : **Sara Lee-Oakland**

Project Number : **62402797**

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	4/2/07	88.8	70-130
Benzene	0.0393	mg/Kg	EPA 8260B	4/4/07	111	70-130
Toluene	0.0393	mg/Kg	EPA 8260B	4/4/07	107	70-130
Tert-Butanol	0.196	mg/Kg	EPA 8260B	4/4/07	96.9	70-130
Methyl-t-Butyl Ether	0.0393	mg/Kg	EPA 8260B	4/4/07	115	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Calscience
Environmental
Laboratories, Inc.

April 05, 2007

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 07-03-2043**
Client Reference: Sara Lee-Oakland

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/31/2007 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 03/31/07
Work Order No: 07-03-2043
Preparation: EPA 3050B
Method: EPA 6010B

Project: Sara Lee-Oakland

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
DRUM 1	**07-03-2043-1**	**03/28/07**	**Solid**	**ICP 5300**	**04/02/07**	**04/03/07**	**070402L06**

Parameter	Result	RL	DF	Qual	Units
Lead	6.46	0.500	1		mg/kg

Method Blank	**097-01-002-9,079**	**N/A**	**Solid**	**ICP 5300**	**04/02/07**	**04/03/07**	**070402L06**

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

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 03/31/07
Work Order No: 07-03-2043
Preparation: EPA 3050B
Method: EPA 6010B

Project Sara Lee-Oakland

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-03-1935-2	**Solid**	**ICP 5300**	**04/02/07**	**04/03/07**	**070402S06**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	85	101	75-125	10	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: N/A
Work Order No: 07-03-2043
Preparation: EPA 3050B
Method: EPA 6010B

Project: Sara Lee-Oakland

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-9,079	**Solid**	**ICP 5300**	**04/03/07**	**070403-I-09**	**070402L06**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Lead	25.0	24.7	99	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-03-2043

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike 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.

KIFF Analytical LLC

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. 2043

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Scott Forbes

EDF Report? _X_ Yes __No

Company/Address: Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Sampling Company Log Code:

Global ID: T0600177342

Phone No.: FAX No.:

EDF Deliverable to (Email Address): inbox@kiffanalytical.com

Project Number: 62402797

P.O. No.: 55677

Project Name: Sara Lee-Oakland

E-mail address: inbox@kiffanalytical.com

Project Address:

Sample Designation	Sampling		Container					Preservative					Matrix			Analysis Request								Date due:	For Lab Use Only
	Date	Time	VOA	Poly	Sleeve	Amber	Glass Jar	HNO_3	H_2SO_4	$Na_2S_2O_3$	$ZnAc_2$ & NaOH	NONE	WATER	SOIL	Air	Total Lead by EPA 6010									
DRUM 1	3/28/07	1650					1					1		1		X								April 6, 2007	x

Relinquished by: Kiff Analytical	Date 033007	Time 1900	Received by:	Remarks:
Relinquished by:	Date	Time	Received by:	
Relinquished by:	Date 3/31/07	Time 1000	Received by Laboratory:	Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 03 - 2043

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Kiff **DATE:** 3/31/07

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.
3.6 °C IR thermometer.
_____ Ambient temperature.

Initial: [illegible]

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Present: _____

Initial: [illegible]

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: [illegible]

COMMENTS:

KIFF Analytical LLC

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

SRG # / Lab No. 55677

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Paul Anderson, PSC Environmental Services	California EDF Report? ☑ Yes ☐ No
Address: 210 West Sand Bank Road, Columbia, IL 62236	Sampling Company Log Code: TMSLOAK3, Task 3.2
Phone: (618) 281-1546 Fax: (618) 281-7020	Global ID: T0600177342
Project #: 62402797 P.O. #:	EDF Deliverable To (Email Address): panderson@pscnow.com, eticlabreports@eiceng.com
Project Name: Sara Lee-Oakland	Sampler Signature:
Project Address: 955 Kennedy Street, Oakland, California	

Sample Designation	Sampling Date	Sampling Time	Container: 40-ml HCL VOA	Container: Sleeve	Container: Unpres. Poly.	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: 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 & EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Filter & acidify then analyze-Lead (EPA 6010)	W.E.T. Lead (STLC)	Total Lead by EPA 6010			For Lab Use Only
DRUM 1	3/28/07	1650		X								X			X	X	X								X	X			X			01

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☑ 1 wk

Relinquished by:	Date	Time	Received by:
	3/30/07	1530	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	033007	1725	Ron McLee Kiff Analytical

Remarks:

Please also send the PDF report to : eticlabreports@eiceng.com

Bill to: PSC Environmental Services, 210 West Sand Bank Road, Columbia, IL

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
1.4	RLM	033007	1535	IR-5	YES

Appendix E

Recommended Minimum Verification Analyses for Underground Storage Tank Leaks

RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR UNDERGROUND STORAGE TANK LEAKS

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

TABLE #2
Revised March 1, 1999

HYDROCARBON LEAK	SOIL ANALYSIS (SW-846 Method)		WATER ANALYSIS (Water/Waste Water Method)	
Gasoline (Leaded and Unleaded)	TPHG	8015M or 8260	TPHG	8015M or 524.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, and TBA by 8260 for soil and 524.2/624 (8260) for water			
	Total Lead	AA --Optional--*	Total Lead	AA
	Organic Lead	DHS-LUFT	Organic Lead	DHS-LUFT
Unknown Fuel	TPHG	8015M or 8260	TPHG	8015M or 524.2/624 (8260)
	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, and TBA by 8260 for soil and 524.2/624 (8260) for water			
	Total Lead	AA --Optional--*	Total Lead	AA
	Organic Lead	DHS-LUFT	Organic Lead	DHS-LUFT
Diesel, Jet Fuel, Kerosene, and Fuel/Heating Oil	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, and TBA by 8260 for soil and 524.2/624 (8260) for water			
Chlorinated Solvents	CL HC	8260	CL HC	524.2/624 (8260)
	BTEX	8260 or 8021	BTEX	524.2/624 (8260) or 502.2/602 (8021)
Nonchlorinated Solvents	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	BTEX	8260 or 8021	BTEX	524.2/624 (8260) or 502.2/602 (8021)
Waste, Used, or Unknown Oil	TPHG	8015M or 8260	TPHG	8015M or 524.2/624 (8260)
	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	O&G	9070	O&G	418.1
	BTEX	8260	BTEX	524.2/624 (8260)
	CL HC	8260	CL HC	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, and TBA by 8260 for soil and 524.2/624 (8260) for water			
	Metals (Cd, Cr, Pb, Ni, Zn) by ICAP or AA for soil water			
	PCB,† PCP,† PNA, CREOSOTE by 8270 for soil and 524/625 (8270) for water			

NOTES:
1. 8021 replaces old methods 8020 and 8010.
2. 8260 replaces old method 8240.
3. Reference: Table B-1 in Appendix B of "Expedited Site Assessment Tools for Underground Storage Tank Sites: A Guide for Regulators" (EPA 510-B-97-001).

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* Optional per Regional Water Quality Control Board (Board), but local agency that regulates UST system may require analysis for Organic Lead. Check with your local agency regarding their requirements.

† If found, analyze for dibenzofurans (PCBs) or dioxins (PCP).