September 17, 2009

Paresh Khatri
Hazardous Materials Specialist
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502-6577

Dear Mr. Khatri:

Subject: **Tier 1 Risk Assessment and No Further Action Request Report**

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

On behalf of Earthgrains Baking Companies, Inc., PSC Industrial Outsourcing, LP (PSC) is submitting the enclosed *Tier 1 Risk Assessment and No Further Action Request Report* for the above-referenced site. This report summarizes the site history, geology, hydrogeology, soil and groundwater quality, potential exposure pathways and receptors, current conditions, and provides a technical justification for the regulatory closure of the 1990 environmental case from the diesel underground storage tank system release at the site.

If you have any questions concerning this report, then please contact me at (618) 281-1546.

Respectfully,

PSC INDUSTRIAL OUTSOURCING, LP

Scott Jander
Project Manager

cc: Melvin Siegel - Earthgrains Baking Companies, Inc.

TIER 1 RISK ASSESSMENT AND NO FURTHER ACTION REQUEST REPORT

EARTHGRAINS BAKING COMPANIES, INC.
955 Kennedy Street
Oakland, California 94606

RO #0002569

September 17, 2009

Prepared By:

PSC INDUSTRIAL OUTSOURCING, LP
210 West Sand Bank Road
Columbia, Illinois 62236-1044

Project 62402797

TIER 1 RISK ASSESSMENT AND NO FURTHER ACTION REQUEST REPORT

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REGISTERED GEOLOGIST
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John R. Carrow, P.G. #5525 **Date** **(Stamp)**
Senior 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 Mount Diablo Baseline and Meridian

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1.0 INTRODUCTION AND SITE BACKGROUND

On behalf of Earthgrains Baking Companies, Inc. (Earthgrains), PSC Industrial Outsourcing, LP (PSC) has prepared this *Tier I Risk Assessment and No Further Action Request Report* for the Earthgrains project site located at 955 Kennedy Street in Oakland, California (Site). This report summarizes the Site history, geology, hydrogeology, soil and groundwater quality, potential exposure pathways and receptors, current conditions, and comparisons to Tier 1 environmental screening levels (ESLs). The report also provides a technical rationale for the closure of the unauthorized release from the diesel underground storage tank (UST) system at the Site.

1.1 Description of Site and Vicinity

The Site occupies approximately five acres of commercial property in Oakland, California. Earthgrains owns and operates a 105,000 square-foot plant consisting of a bakery, product distribution center, and thrift store at the Site. The entire site is covered with building structures, asphalt, or concrete pavement. An asphalt-paved parking area and driveway border the eastern and western sides of the Site and truck-loading docks are located in the northwestern side of the plant. A stand-alone truck wash building is located west of the plant and a former truck maintenance garage was located in the northwestern corner of the Site. The Site is bounded by Dennison Street to the north, Frederick Street to the south, Kennedy Street to the east, and King Street to the west. Surrounding properties to the north, south, and west of the Site are mainly industrial and commercial businesses. Interstate 880 is located east of Kennedy Street. The Site location and vicinity maps are shown on Figures 1 and 2.

Land surface near the Site slopes towards the west-southwest at a gradient of approximately 0.5 foot per 100 feet. The elevation of the Site is approximately 15 feet above mean sea level (MSL). Surface water or storm water from the western side of the Site flows to a storm sewer located about 20-feet west of and parallel to the bakery building. Water in this storm sewer flows south where it empties into a concrete storm-water sewer beneath and parallel to King Street, located approximately 25 feet west of the Site. The storm-water sewer along King Street flows north and intersects a second storm-water sewer that travels beneath and parallel to Dennison Street, approximately 60 feet northwest of the property. This storm water sewer flows west to Embarcadero Street and Brooklyn Basin.

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 800 feet west-southwest of the Site. An unnamed creek flows into the Brooklyn Basin approximately 1,800 feet northwest of the Site near the intersection of 12th Street and 19th Avenue. Sausal Creek is approximately 2,800 feet east of the Site and empties into San Francisco Bay approximately 4,400 feet southeast of the Site.

The Site is located within an incorporated area of the City of Oakland and the municipal water provider is the East Bay Municipal Utility District (EBMUD). Treated surface water from the Mokelumne River watershed and rainfall from the East Bay watershed is combined to supply water to EBMUD customers. Two abandoned public water supply wells (PRW1

and PRW2) are located northeast of the Site within 2,000 feet, but Environmental Data Resources (EDR) records do not indicate any active water supply or irrigation wells within the search radius.

A sanitary sewer lateral travels southwestward from the plant through an oil/water separator located inside the truck wash building and connects to the main sanitary sewer beneath King Street. A natural gas pipeline travels parallel to King Street beneath the western boundary of the Site. The subsurface utilities at the Site are shown on Figure 3.

1.2 Site History and Current Conditions

The Earthgrains facility (formerly Kilpatrick's Bakeries, Inc.) was constructed in the late 1960s and has operated as a bakery and product distribution center. Earthgrains installed and operated eight UST systems at the Site from 1967 to 2005 for fleet operations and back-up oven fuel storage. Subsurface investigations and groundwater monitoring were performed at the Site from 1989 through 1996 for an unauthorized diesel UST system release. Earthgrains received environmental case closure in 1996 following submittal of a Tier 1 Risk Assessment report to the Alameda County Department of Environmental Health (ACDEH). Residual petroleum hydrocarbons were left in soil at the Site when closure was granted.

Earthgrains reported an additional unauthorized diesel UST system release at the Site in 2003 following the discovery of petroleum hydrocarbons during product piping modifications at a diesel pump island. Since the Tier 1 Risk Assessment report indicated that residual petroleum hydrocarbons remained in soil near the 2003 diesel UST system release area, the exact source of the petroleum hydrocarbons was undetermined. Investigation and corrective action since 2005 was conducted under RO#0002569.

1.3 UST System Closures and Corrective Action

Earthgrains operated eight UST systems at the Site from 1967 to 2005. The locations of the UST systems are shown on Figure 2. Earthgrains performed the following UST activities:

- Four 10,000-gallon diesel UST systems were installed in a shared tank excavation in 1977, south of the truck wash building as a back-up fuel supply system for the ovens in the plant. The four diesel UST systems were removed for permanent closure on October 11, 1989. During the UST closure activities, 384 tons of diesel-impacted soil were excavated and removed for off-site disposal and the former UST excavation was backfilled with clean, imported pea gravel.
- One 10,000-gallon gasoline, one 10,000-gallon diesel, and one 350-gallon waste oil UST system was installed south of the former truck maintenance garage during 1967. The gasoline and diesel tanks shared a common excavation and were removed for permanent closure on December 12, 1990. The waste oil UST system was removed for permanent closure on January 28, 1991 and approximately 25 cubic-yards of petroleum-impacted material was excavated and removed for off-site disposal. The UST excavations were then backfilled with clean, imported granular material.

- One 10,000-gallon diesel UST system was installed in January 1991 to replace the former diesel UST system removed southeast of the truck maintenance garage in December 1990. Earthgrains removed the original pump island on the 10,000-gallon diesel UST system and installed a new diesel dispensing system south of the truck wash building in 1995.
- Earthgrains upgraded the product dispensing system in April 2003 in order to comply with new under-dispenser containment requirements. Additional diesel fuel-contaminated soil was discovered at that time and the diesel UST system was removed for permanent closure on March 9, 2005. Based upon the UST closure assessment data, Earthgrains submitted an unauthorized UST release (leak) report for the Site to the Oakland Fire Department on April 15, 2005. This was the last UST system operated by Earthgrains at the Site.

1.4 Historic Environmental Investigations

Several environmental investigations to assess soil and groundwater quality were performed at the Site. The location of historic soil borings and groundwater-monitoring wells are shown on Figure 4. Soil and groundwater samples were analyzed for total petroleum hydrocarbons (TPH) as gasoline (g), diesel (d), and motor oil (mo); benzene, toluene, ethylbenzene, and total xylenes (BTEX); volatile organic compounds (VOC); and poly-cyclic aromatic hydrocarbons (PAHs). Historical soil sample analytical data are summarized on Tables 1A (<3 meters), 1B (>3 meters) and 1C (Saturated). Historical groundwater analytical data for grab samples is provided in Table 4 and monitoring well samples in Table 5. The historic environmental investigation activities at the Site are summarized below:

1992 Site Investigation

Burlington Environmental, Inc. (Burlington) performed a Site investigation in August 1992 to assess the lateral and vertical extent of petroleum hydrocarbons in soil and groundwater from the 1989 diesel UST system release. Burlington installed five groundwater-monitoring wells (MW-1 through MW-5) at the Site and performed quarterly groundwater monitoring from August 1992 to December 1994.

1995 Tier 1 Risk Assessment

Groundwater samples collected and analyzed from the quarterly monitoring events performed between 1992 and 1994 detected concentrations of chlorinated and non-chlorinated solvents. PSC submitted a Tier 1 Risk Assessment report for the Site in July 1995 and reported that the solvent concentrations in groundwater were derived from an off-site source. The ACDEH agreed with the assessment report findings and closed the environmental case in March 1996. PSC properly abandoned the five groundwater-monitoring wells at the Site in March 1996 and Earthgrains received environmental case closure on April 17, 1996.

2006 Soil and Groundwater Quality Investigation

ETIC Engineering, Inc. (ETIC) performed a soil and groundwater quality investigation at the Site in September 2006 to further evaluate residual petroleum hydrocarbons remaining in the subsurface following the unauthorized diesel UST system release in April 2005. ETIC drilled 40 borings and submitted 131 soil and 38 groundwater grab samples for laboratory analyses. The historical soil sampling locations at the Site are shown on Figure 4.

Diesel was the primary chemical detected in soil and groundwater grab samples collected and analyzed during this Site investigation. The highest concentrations of TPH-d detected in soil were from samples collected in the vicinity of the former diesel pump island located south of the truck wash building and along the southern end of the former diesel product piping trench. The highest concentrations of TPH-d detected in soil samples were collected at depths of less than 16 feet below-ground-surface (bgs). Concentrations of TPH-d were also detected in soil samples collected south of the former truck maintenance garage in the northwest corner of the Site.

2007 Remedial Investigation

ETIC performed a remedial investigation at the Site in March 2007 to further evaluate the lateral and vertical extent of subsurface diesel contamination in preparation for remediation. ETIC drilled an additional 12 soil borings and collected 61 soil and 11 groundwater grab samples for laboratory analyses. The highest TPH-d concentrations detected in soil samples were collected at depths from 8.5 to 15.5 feet bgs. Concentrations of BTEX were not detected in any of the soil samples collected during this remedial investigation.

2009 Groundwater Investigation

PSC submitted a *Groundwater-Monitoring Well Installation Plan* dated November 18, 2008 and a *Groundwater-Monitoring Well Installation Plan Addendum* dated January 9, 2009 to the ACDEH. The purpose for performing a groundwater investigation at the Site was to provide additional soil and groundwater data for a feasibility study/remedial evaluation (FS/RE) to evaluate source removal by excavation. Information from the 2009 groundwater investigation is presented in Section 2 of this report.

1.5 Historic Groundwater Monitoring

Groundwater monitoring was performed at the Site from August 1992 to December 1994 and groundwater samples were collected for laboratory analyses from MW-1 through MW-5. Concentrations of TPH-g and TPH-mo were detected in groundwater samples collected from MW-2 and MW-4. Chlorinated and non-chlorinated solvent compounds were also detected in groundwater samples from MW-4, but a risk assessment determined that the concentrations were derived from an off-site source. Earthgrains received environmental case closure from the ACDEH in April 1996.

No free-phase petroleum hydrocarbons were detected in the wells during the groundwater-monitoring events at the Site. Water level measurements obtained from the monitoring events indicated that groundwater flowed beneath the Site in a west-southwest direction at a

hydraulic gradient of approximately 0.005 to 0.01 foot-per-linear foot (ft/ft). Historical groundwater level and elevation data and groundwater analytical data are provided in Tables 3 and 5, respectively.

1.6 Local Geology and Hydrogeology

The Site is located in the East Bay Plain Sub-basin of the Santa Clara Valley Groundwater Basin. The East Bay Plain Sub-basin 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 Sub-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 Sub-basin aquifer system consists of unconsolidated deposits from the Quaternary age. These 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 approximately 1,000 feet.

Artificial fill is encountered in the sub-basin along the bay front and wetlands areas and is derived primarily from dredging, quarrying, construction, demolition debris, and municipal waste. The artificial fill ranges in thickness from approximately 1 to 50 feet with the thickest deposits found near San Francisco Bay.

Historical soil boring logs indicate that the predominant soil types beneath the Site consist primarily of clay and silty clay. The soil encountered during the January 2009 installation of four groundwater-monitoring wells is consistent with soil types encountered during previous subsurface investigations at the Site. Soil consisted predominately of silty clays with some sand and gravels for the full depth of the soil borings.

Historical drilling activities performed at the Site indicate that groundwater was encountered within a sand and gravel layer located at depths of 18 to 26 feet bgs. Groundwater appears to be in a semi-confined condition and groundwater levels stabilize at approximately 9 feet bgs. Perched water was encountered in a sandy and silty lens between 10 and 12 feet bgs in some historical soil borings and a large area of perched water exists near the former shared diesel UST excavation south of the truck wash building. Groundwater flow direction at the Site is generally toward the west-southwest with a hydraulic gradient ranging from approximately 0.005 to 0.01 ft/ft.

2.0 JANUARY 2009 GROUNDWATER INVESTIGATION

PSC submitted a *Groundwater-Monitoring Well Installation Plan* dated November 18, 2008 and a *Groundwater-Monitoring Well Installation Plan Addendum* dated January 9, 2009 to the ACDEH. The well installation plan and addendum were approved by the ACDEH in January 2009.

The objectives of the 2009 groundwater investigation were to:

- Obtain additional groundwater quality data from properly installed monitoring wells to assess the petroleum-hydrocarbon impact at the Site;
- Obtain and assess hydraulic conductivity data for the shallow aquifer (approximately 20 feet bgs) at the Site;
- Determine potential hydraulic connection between perched water (approximately 10 feet bgs) in the former shared diesel UST excavation and the permeable zone encountered at a depth of approximately 20 feet bgs at the Site;
- Determine water pumping rates in the former diesel pump island area and shared UST excavation for dewatering purposes; and
- Develop and design engineering controls for performing source removal by excavation and disposal at the Site.

2.1 Well Installation

PSC obtained a well permit from the Alameda County Public Works Agency (ACPWA) prior to commencing the drilling activities and notified the ACDEH and ACPWA of the drilling schedule. A copy of the ACPWA Water Resources Well Permit is provided in Appendix B. Underground Service Alert of Northern California cleared the soil boring locations for any subsurface utilities prior to the drilling activities and Sub-Dynamics Locating Services, Inc. identified subsurface utilities in the immediate drilling area. Gregg Drilling & Testing, Inc. (Gregg) cleared each soil boring for buried utilities to a depth of four feet below pavement surface using an air-knife/vacuum system or hand auger.

Gregg performed the drilling activities with a Marl M11 drill rig using hollow-stem augers. All drilling and sampling equipment was decontaminated prior to beginning the Site activities. A California Professional Geologist provided technical guidance during the Site activities and a PSC staff geologist supervised drilling and sampling activities. Soil samples were examined for lithologic identification and visual evidence of contamination in accordance with the Unified Soil Classification System and Standard Practice for Description and Identification of Soils (Visual-Manual Procedure), American Society for Testing and Materials (ASTM) D2488 (ASTM 2000). PSC screened soil samples for organic vapors using a photo-ionization detector (PID), measured sample headspace vapors, and recorded field observations and depth measurements on soil boring logs. The soil boring logs are provided in Appendix B.

PSC collected soil samples from the soil borings at each five-foot depth interval. PSC collected the soil samples using an 18-inch long California-modified split-spoon sampler fitted with six-inch brass liners. Gregg decontaminated reusable sampling equipment with a Liqui-Nox wash solution and rinsing the equipment with tap water and then distilled water following each use. Soil samples collected for laboratory analyses were properly sealed with Teflon wrap, vinyl end caps, and tape. Samples were labeled, preserved on ice in an insulated cooler, and then transported under chain-of-custody to Kiff Analytical, LLC (Kiff) to be analyzed for environmental and geotechnical parameters.

Soils encountered in the boreholes for the new groundwater-monitoring wells were similar to previous Site investigations and consisted of a few feet of fill material overlying silty and sandy clay. Sand, gravelly sand, and clayey gravel were encountered in the soil borings for MW-102, MW-103, and MW-104. Saturated soil was typically encountered at approximately 20 feet bgs. Layers of saturated soil were encountered at shallower depths in MW-103 and MW-104.

Gregg installed four two-inch diameter groundwater-monitoring wells (MW-101 through MW-104) and one six-inch diameter dewatering well (DW-1) at the Site in January 2009. MW-103 was installed northeast of the former diesel pump island in a hydraulically up-gradient location and the remaining three monitoring wells were installed west, southwest, and southeast of the former diesel pump island. Gregg installed DW-1 in granular backfill material at the northern end of the former shared excavation for the back-up oven fuel tanks. The well locations are shown on Figure 4 and well construction data are provided in Table 2.

Gregg constructed each monitoring well with two-inch diameter Schedule 40 PVC casing and 0.010-inch slotted PVC screen. Gregg installed MW-101 and MW-102 to a total depth of 28 feet bgs with 10 feet of well screen and MW-103 and MW-104 to a total depth of 25 feet bgs with 15 feet of well screen. A filter-sand pack of Cemex Lapis Lustre #2/12 Sand was placed inside the annulus of each monitoring well boring from the screen bottom to two feet above the top of the well screen. A two-foot bentonite-chip seal was installed above each sand pack with a cement-bentonite grout seal installed above the bentonite-chip seal to approximately one foot below pavement surface. The monitoring wells were protected at the pavement surface with traffic-rated, flush-mounted well vaults set in concrete. Each monitoring well was equipped with an expandable locking cap and padlock to prevent unauthorized access. Well construction diagrams are included on the boring logs in Appendix B.

Gregg constructed dewatering well (DW-1) with six-inch diameter Schedule 40 PVC casing and 10 feet of 0.020-inch slotted PVC well screen. Gregg installed DW-1 to a total depth of 15 feet bgs. A filter-sand pack of Cemex Lapis Lustre #2/12 Sand was placed from the screen bottom to two feet above the top of the well screen and a two-foot cement-bentonite grout seal installed above the sand pack to one foot below the pavement surface. The dewatering well was protected at the pavement surface using a traffic-rated, flush-mounted well vault set in concrete. The dewatering well was equipped with an expandable locking cap and padlock to prevent unauthorized access.

Gregg constructed and installed the monitoring and dewatering wells in accordance with the California Department of Water Resources (DWR) requirements and an ACPWA inspector observed the well grouting activities performed by Gregg. PSC submitted a California DWR 188 Well Completion Report to the ACPWA for each well installed at the Site. A copy of the Well Completion Report is provided in Appendix B.

In accordance with the State of California GeoTracker requirements, the locations and elevations of the newly installed wells were surveyed. The survey was performed by PLS Surveys, Inc., a California-licensed Professional Land Surveyor, on January 28, 2008. The survey included the latitude, longitude, ground-surface elevation, and top-of-casing elevation for each well. Site features including structures, streets, and fences were included in the survey map. Latitude and longitude were referenced to the NAD83 datum and elevations were referenced to the NAVD88 datum. The survey data report was uploaded into the California GeoTracker database on March 26, 2009. The survey data is included in Appendix B.

2.2 Well Development, Purging, and Sampling

PSC and Gregg developed the four groundwater-monitoring wells installed at the Site 48-hours following their installation on January 22, 2009. Gregg collected depth-to-water and total depth measurements from each well using an electronic oil-water interface probe. Gregg and PSC did not observe any free-phase product in the monitoring wells at the time of well development.

Gregg developed the monitoring wells by surging each well screen interval with a vented surge block for approximately 20 minutes. A minimum of 10 well-casing volumes was then removed from each well using a submersible pump. Gregg developed each well until groundwater was free of silt and turbidity, and water quality parameters for temperature, pH, specific conductance, dissolved oxygen, and oxidation-reduction potential had stabilized. Gregg de-contaminated the submersible pump with a hot water pressure washer following each well development.

PSC collected groundwater samples from MW-101, MW-102, MW-103, MW-104, and DW-1 on January 26, 2009. PSC purged a minimum of three well-casing volumes of groundwater from each well using a disposable PVC bailer. Samples were then collected in laboratory-supplied containers, preserved on ice in an insulated cooler, and transported under chain-of-custody protocol to Kiff. PSC collected a duplicate groundwater sample, MW-DUP, from DW-1 for quality assurance and a travel blank accompanied the groundwater samples to the laboratory.

2.3 Soil and Groundwater Analytical Data

Kiff analyzed soil and groundwater samples collected during the well installation activities for TPH-d using Method 8015 Modified and BTEX using Method 8260B. Selected soil samples were also analyzed for soil bulk density and total organic carbon. Kiff analytical reports for soil samples are provided in Appendix C and groundwater samples in Appendix D.

The Kiff analytical reports indicate that TPH-d concentrations exceeded the ESL for leaching to groundwater in soil samples from MW-104 (8.5-10) and DW-1 (8.5-10) and the groundwater ESL in the groundwater sample collected from DW-1. Groundwater sample results from January indicated concentrations of TPH-d in MW-102, MW-103, and MW-104. These concentrations did not exceed the groundwater ESL of 210 µg/L. The sample from DW-1 had a TPH-d concentration of 1,200 µg/L. Laboratory analytical data indicate that BTEX concentrations were not detected in any of the soil or groundwater samples collected. Results of soil bulk density ranged from 1.5 to 1.9 g/cm^3, which is typical of a silty clay. Total organic carbon numbers were ranged from 1,050 to 2,900 mg/kg.

2.4 Modified Pump Test

PSC and Gregg performed a modified pump test on DW-1 to determine the volume of water and the rate of removal required to dewater the area around the former diesel pump island. Gregg installed a submersible pump in DW-1 and pumped the dewatering well at the highest sustainable flow rate. Gregg was only able to maintain a pumping rate of less than one gallon-per-minute in the dewatering well for a period of seven hours. PSC measured a water-level drawdown of approximately two feet in DW-1 during the seven-hour pump test event.

In order to assess the hydraulic connection between perched water in the former shared diesel UST excavation with the permeable zone screened in the monitoring wells. PSC placed pressure transducers near the bottom of each monitoring well. The pressure transducer measured the change in water pressure and calculated the water column height during the test. The transducers were connected to a Hermit 3000 Data Logger and the electronic components interfaced with a laptop computer using Win-Situ software. PSC measured a water-level drawdown of approximately one foot in MW-102 during the test. MW-102 is located about 15 feet northwest of DW-1. PSC observed minimal changes to the water levels in MW-101, MW-103, and MW-104 during the pump test, but these fluctuations could be attributed to changes in barometric pressure.

2.5 Hydraulic Conductivity Testing

After completion of well development and pump test, PSC conducted slug testing on the monitoring wells to assess hydraulic conductivity of the shallow aquifer. Pressure transducers were placed near the bottom in each well and connected to the Hermit 3000 data logger. Rising and falling water level data were recorded on a laptop computer. A 1-inch diameter by 3-foot long solid slug was lowered into the water column. The rise and fall of the water level were measured until it had stabilized. The slug was removed and the fall and rise of the rebounding water table were measured.

Data from the slug test were analyzed using AQTESOLV™, commercially available solution software for hydraulic conductivity and pump test. Water level and time data are plotted using the software. A Bouwer-Rice solution for confined aquifers was used to match a tangent line to the slope of the data. The results of the solution are presented as hydraulic conductivity in cm/sec. Not all of the slug test data were usable. Five results of slug in/slug out data provided useful curves that could be matched to the selected solution. The curves

are presented in Appendix B. Results of hydraulic conductivity testing are summarized on the Table 6.

An average hydraulic conductivity of 5.02 x 10^{-4} cm/sec was obtained from the five curves. Using this hydraulic conductivity, a hydraulic gradient of 0.005 ft/ft and a porosity of 35, the linear velocity of groundwater is estimated to be 7.6 ft/year. This estimate is conservative and the distance traveled by a particle of groundwater should be much less than 7.6 feet a year. The distance a contaminated groundwater plume will travel in a year requires additional parameters for the contaminant like solubility and for the soil such as natural attenuation parameters. Only TPH-d, which is a mixture and has no specific chemical properties like solubility, has been detected in groundwater.

2.6 April and July 2009 – Quarterly Groundwater Monitoring

PSC subcontracted Blaine Tech Services, Inc. (BTS) to perform April and July 2009 quarterly groundwater-monitoring events at the Site. BTS collected groundwater samples from the five active wells on April 15 and July 22, 2009 and submitted the samples to Kiff for analyses of TPH-d and BTEX. In addition, samples collected in July 2009 were also analyzed for PAHs. The analytical data for the April and July events are provided in Appendix D.

Kiff analytical data indicates that TPH-d concentrations exceeded the ESL for groundwater in samples collected from DW-1. However, this well is screened in water perched in the former UST excavation. TPH-d concentrations in well MW-102 ranged from 160 to 120 µg/L from January to July 2009. TPH-d concentrations in well MW-104 ranged from 100 to 97 µg/L from January to July 2009. TPH-d concentrations were 80 µg/L in well MW-103 after the installation, but were not detected in the last two sampling events. BTEX concentrations were not detected in any of the groundwater samples collected during the two quarterly monitoring events. PAHs were not detected in the July sampling event.

3.0 TIER 1 ENVIRONMENTAL RISK ASSESSMENT

This section of the report presents a summary of the site conceptual model (SCM) and a Tier 1 Risk Assessment prepared in accordance with "*Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*". This guidance document provides ESLs for a number of contaminants and for a number of exposure scenarios. The guidance document will hereafter be referred to as the ESL Document.

3.1 Land Use

The Site has been a commercial/industrial property since the late 1960s. The current use of the Site is a bakery and bakery product distribution center. The Site is covered by either pavement or structures. Based on its close proximity to Interstate 880 and San Francisco Bay, the Site will likely remain a commercial/industrial property for the foreseeable future.

3.2 Sources of Contamination

The primary source area for the current unauthorized diesel release at the Site is the former diesel pump island located south of the truck wash building. Storm water infiltration through the pavement in this area has filled former UST system excavations. Petroleum hydrocarbons have spread laterally across the Site through granular fill material and impacted shallow groundwater.

PSC estimated a primary source area of approximately 600-700 ft^2 near the former diesel pump island and shared diesel UST excavation. The source area was delineated by samples with TPH-d concentrations exceeding the gross contamination ESL for soil and is limited to an area of 800 ft^2 around the former diesel pump island. PSC estimated a second area, approximately 100-150 ft^2 near the storm sewer beneath King Street with concentrations exceeding the gross contamination ESL for TPH-d.

Residual petroleum-hydrocarbon concentrations also remain near the former 350-gallon waste oil UST excavation near the southwest corner of the former truck maintenance garage. This source area is relatively small and does not exceed the gross contamination ESL. Based on the 1995 groundwater-monitoring data, the residual hydrocarbons in soil have not significantly impacted groundwater. Source areas and areas of residual petroleum hydrocarbons are shown on Figure 10.

3.3 Chemical-of-Concern and Affected Media

Soil and groundwater analytical data from investigations and corrective actions at the Site indicate that the chemical-of-concern is TPH-d. No BTEX or PAH concentrations were detected in groundwater samples collected in July 2009. Contamination is encountered in saturated and unsaturated soil. Perched water at a depth of approximately 10 feet bgs and shallow groundwater at a depth of approximately 18 feet bgs is impacted by TPH-d. There is a potential for surface water impact from storm water sewers, however based on sample results near the sewer (E-45 and E-46) concentrations are decreasing and should be non-

detectable within a short distance. Therefore, surface water and sediment should not be affected. There is also a potential for soil vapor to be affected. However, based on the non-volatile nature of diesel fuel and the silty clay soil beneath the site, this potential is very minimal.

3.4 Extent of Petroleum Hydrocarbons

Subsurface investigations performed in 2006, 2007, and 2009 included: drilling 57 soil borings and collecting 192 soil samples; 49 groundwater grab samples; and 15 groundwater well samples. The soil and groundwater samples were analyzed for TPH-d and other appropriate contaminants-of-concern. Historical soil sample analytical data are summarized on Tables 1A (<3 meters), 1B (>3 meters), and 1C (Saturated). Historical groundwater analytical data for grab samples are provided in Table 4 and well samples in Table 5. TPH-d concentrations in historic soil samples and groundwater well samples from July 22, 2009 are shown on geologic cross-sections in Figures 5, 6, and 7. The extent of TPH-d in groundwater from the July 22, 2009 monitoring event is shown on Figure 9.

The extent of TPH-d in soil was delineated by comparing the results, summarized in the tables and figures discussed above, with the residential and commercial ESLs of 100 and 180 mg/kg, respectively for non-drinking water sites. PSC estimated the extent of residual petroleum hydrocarbons in soil above ESLs to be an area of approximately 7,600 ft^2 near the former diesel pump island and shared diesel UST excavation. This area extends west into King Street. PSC estimated a second area of approximately 600 ft^2 near the former 350-gallon waste oil UST excavation located near the southwest corner of the former truck maintenance garage.

3.5 Contaminant Migration

TPH-d contamination in soil exists in the source areas at depths between 2 and 16 feet bgs. The soil in this depth interval at the Site is typically silt and clay. TPH-d concentrations in soil are a secondary source of contamination of groundwater at the Site.

Groundwater beneath the Site is encountered in semi-confined conditions and in perched water encountered at approximately 10 feet bgs in some boreholes and in the former UST system excavations. The primary transport mechanisms for residual contamination in the shallow aquifer are advection, adsorption, desorption, and volatilization. Laboratory analytical data from historic subsurface investigations indicate that both saturated soil and groundwater are affected in the shallow aquifer and adsorption and desorption between the two phases could be occurring. Residual petroleum-hydrocarbon contamination around the former diesel pump island and waste oil UST excavation may have migrated with groundwater through advection. It may also be possible that TPH-d contamination has migrated from the former diesel pump island source area through the perched water in the shared excavation of the former oven fuel tanks. PSC believes that impacted water in these former excavations could have risen during storm events and spread laterally through the sub-base fill material or utility trenches at the Site. The storm water sewers located along the western side of the plant and beneath King Street could be a conduit for this contaminant migration.

Volatilization of petroleum-hydrocarbon constituents from soil and groundwater into vapor can result in migration to the ground surface or into buildings. However, based on the low volatility of diesel and the clay nature of the soil, this migration pathway is not considered significant at the Site.

3.6 Potential Exposure Pathways and Receptors

Potential exposure pathways and receptors at the Site and nearby properties were evaluated based on current and potential future use. The Site is currently an active commercial and industrial property with nearby land used for commercial, industrial, and residential purposes. The plant and retail store occupy approximately 90 percent of the Site and both have concrete floors. The remaining surfaces at the Site are paved with either asphalt or concrete.

Potentially complete exposure pathways and receptors were identified for the Site using the following criteria:

- A point of potential contact with impacted medium (referred to as the exposure point); and
- An exposure route at the point of contact (inhalation, ingestion, or dermal contact).

Site-specific, potentially complete exposure pathways and potential receptors are summarized below:

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

The vapor-intrusion pathway from impacted soil and/or groundwater to outdoor or indoor air is potentially complete. However, diesel contamination is not very volatile and the soil beneath the site is silty clay. Based upon analytical data from historical subsurface investigations and soil vapor intrusion surveys from similar sites, PSC believes that a soil-vapor intrusion study is unnecessary to evaluate the potential health risks associated with exposure via inhalation of volatiles from the subsurface. In addition, the bakery building and buildings near the Site have elevated slabs. The completion of this potential exposure pathway is not very likely.

Based on the presence of paved surfaces at the Site, industrial workers and occupants will not be subjected to direct exposure (ingestion and/or dermal contact) with residual petroleum-hydrocarbon constituents in near surface or subsurface soil for current land use at the Site.

However, construction workers could have direct exposure to residual contamination in near surface and subsurface soil, if excavation occurs in the future.

Potential exposure by ingestion and/or dermal contact with impacted groundwater at the Site is minimal considering the Site is serviced by the EBMUD. The installation of shallow water-producing wells within the contaminant plume could create a direct and complete exposure pathway. However, the probability of a water supply well being installed in an industrial area this close to the Brooklyn Basin is very low. Construction workers may have direct exposure to residual contamination in groundwater, if excavation and/or dewatering activities occur at the Site in the future.

The well survey identified two abandoned water supply wells within 2,000 feet of the Site. One public well is located approximately 700 feet north-northeast and the other water well is approximately 1,400 feet east-northeast of the Site. Both water supply wells are hydraulically up gradient of the Site.

If contaminated groundwater discharge to surface water occurs, then a potentially complete exposure pathway for off-site receptors and/or construction workers could exist. Based upon a sensitive receptor survey, the closest surface water body to the Site is the Brooklyn Basin within the Oakland Estuary located approximately 800 feet southwest and down gradient of the Site. An unnamed creek flows into the Brooklyn Basin about 1,800 feet northwest of the Site. Wetlands were identified on the EDR figures within 2,000 feet of the Site and generally correspond to the margins of the estuary. There is a potential for surface water impact from storm water sewers, however based on sample results near the sewer (E-45 and E-46) concentrations are decreasing and should be non-detectable within a short distance. Discharge of contaminated groundwater to surface water at levels that exceed the ESL for marine habitats is unlikely.

3.7 Corrective Action Feasibility

Corrective action evaluated by PSC for the FS/RE included source removal by excavation and disposal and groundwater monitoring. The primary source area near the former diesel pump island is approximately 600-700 ft^2 and was defined as the area impacted by TPH-d concentrations over gross contamination ESLs. An additional 100-150-ft^2 area near the storm sewer beneath King Street also exceeds gross contamination ESLs. Excavation and disposal of soil beneath King Street is not considered feasible due to the presence of numerous subsurface utilities and the approvals required by the City of Oakland. Soil samples with concentrations exceeding the gross contamination ESL are limited to 12 feet bgs.

Source removal by excavation and disposal would require dewatering the former diesel pump island area and shared UST excavation prior to earthwork operations. PSC installed DW-1 at the north end of the shared diesel UST excavation for dewatering the primary source area, if source removal is performed. Due to the close proximity of the plant and truck wash building to the primary source area, engineering controls such as sheet piling, speed shoring, or trench box shoring would be required to stabilize the excavation and ensure worker safety during earthwork.

Disposal of contaminated material generated during the source removal would be determined by waste characterization and/or profiling and acceptance of the material by the disposal facility. The primary source area at the Site is beneath concrete pavement and located in a high traffic area of the plant. Site restoration costs would include the placement of high-strength concrete in high-traffic areas to accelerate the curing time and minimize disruption to plant operations. Based on these Site-specific factors, PSC estimates the following cost range for source removal by excavation and disposal as follows:

Planning & Permitting:	**$15,000 - $25,000**
Excavation Dewatering:	**$50,000 - $75,000**
Source Removal:	**$75,000 - $125,000**
Waste Disposal:	**$50,000 - $100,000**
Site Restoration:	**$35,000 - $50,000**
Total Cost Range:	**$225,000 - $375,000**

PSC believes that source removal would not be a very cost-effective corrective action at the Site based upon the small area of soil exceeding the gross contamination ESL for TPH-d and the low potential risk from residual hydrocarbons in soil and groundwater. Remedial alternatives such as in-situ chemical oxidation, in-situ thermal treatment, and enhanced bioremediation cannot be effectively implemented at the Site due to the silt and clay lithology and characteristics of TPH-d contamination. Monitored natural attenuation or groundwater monitoring would be more cost effective remedial options for the Site, but the extended time required for monitoring data makes these options less cost effective.

3.8 Appropriate ESL Selection

Groundwater beneath the Site and vicinity is not suitable for drinking water due to the yield of the shallow aquifer. Deeper aquifers beneath the Site are not suitable for drinking water due to the close proximity of San Francisco Bay and a potential for salt-water intrusion. Therefore, PSC selected the appropriate ESL for sites where groundwater is not a current or potential drinking water resource for comparison to the soil and groundwater concentrations at the Site. The groundwater ESL of 210 µg/L for TPH-d was selected for comparison to groundwater concentrations at the Site.

The Site has been a bakery and product distribution center since the late 1960s and will likely remain a commercial/industrial property for the foreseeable future. Although some properties in the Site vicinity have been converted to residential buildings and public use areas, the plant is not suitable for this use without major renovations or demolition. Therefore, PSC believes that the ESL selections for commercial/industrial properties were appropriate for the Site. Residual hydrocarbons in soil and groundwater at the Site could require an environmental covenant or deed restriction on the property. PSC compared TPH-d concentration in shallow soil (<3 meters) and unsaturated deeper soil (>3 meters) at the Site to both the residential and commercial/industrial ESL to assess the need for environmental

land-use restrictions on the property. PSC used the residential ESL for estimating the mass of residual hydrocarbons in soil.

PSC also compared TPH-d concentrations in shallow soil to the ESL for direct exposure of industrial workers. Because the Site is completely covered by asphalt or concrete pavement or structures, PSC believes that a less stringent direct exposure ESL for construction workers in trenches would be more appropriate for the Site.

3.9 Tier 1 Comparison

PSC compared soil sample data collected from 1989 through 2009 to the appropriate ESL selections listed in Section 3.8. The comparison of shallow soil data is summarized in Table 7A and unsaturated deep soil in Table 7B. Sample locations where TPH-d concentrations exceeded the ESL are shown on Figure 10.

Based on soil analytical data from 275 soil samples (83 prior to 2006 and 192 after 2006) collected at the Site, only one sample (16TP-1) collected in 1990 exceeded the final ESL for benzene at a concentration of 0.15 mg/kg. Two soil samples collected in 1990 (16TP-1 and 15NTW) exceeded the final ESL for TPH-mo at 1,300 mg/kg and 2,700 mg/kg, respectively. Only one soil sample (E-29) exceeded the final residential ESL for TPH-g at 140 mg/kg. Analytical data for TPH include chromatograms that are characterized as gasoline, diesel fuel, or motor oil based on the elution time and the pattern of peaks. Concentrations characterized by a laboratory analyst as either motor oil or gasoline could be from diesel contamination. TPH-d was the most frequently detected contaminant in soil or groundwater at the Site.

Nine shallow and 20 deep soil samples exceeded the final ESL for residential for residential properties where groundwater is not a current or potential drinking water resource. The final ESLs presented for TPH-d in the ESL Document were based on contaminants in soil leaching to groundwater. PSC believes that pavement or structures provide a barrier at the Site that currently inhibits soil leaching to groundwater. Minimal groundwater contamination has been detected in the recent quarterly monitoring events. Soil sample locations near these groundwater-monitoring wells have exceeded the ESL for soil leaching to groundwater. This indicates that contaminants have not leached to groundwater in concentrations that result in groundwater contamination exceeding the groundwater ESLs.

3.10 Residual Petroleum Hydrocarbons in Soil

PSC compared historic shallow and deep soil sample analytical data to the ESL for gross contamination of commercial/industrial properties where groundwater is not a current or potential drinking water resource. Samples that exceeded the ESL were generally in the primary source area of former diesel pump island with the exception of E-49 in King Street. PSC also compared analytical data with the ESL for shallow and deep soil for residential and commercial/industrial properties where groundwater is not a current or potential drinking water resource. Summaries of these comparisons are presented in Table 7A and 7B.

Based on extrapolation of TPH-d concentrations in soil at the Site, areas with concentrations exceeding the gross contamination ESL include approximately 600-700 ft^2 at the former diesel pump island and approximately 100-150 ft^2 located near E-49 in King Street. In addition to the primary source area, residual petroleum-hydrocarbon concentrations above the final ESL are encountered in a 8,200 ft^2 area that includes the former diesel pump island, shared diesel UST excavation, and former 350-gallon waste oil UST excavation.

Based upon soil boring logs and geological cross-sections, the thickness of residual petroleum hydrocarbons at the Site is approximately seven feet in shallow soil and 10 feet in deeper soil. Groundwater is encountered at a depth of approximately 20 feet bgs in most areas of the Site and unsaturated soil impact is limited to a depth of approximately 12 feet bgs beneath the Site. Using an average concentration of samples exceeding the ESL, PSC estimates that 5,782 kg of residual TPH-d remain in unsaturated soil beneath the Site. PSC believes that this estimate is conservative and the actual contaminant mass at the Site is much less, because contaminant migration in the silt and clay soil occurred along preferential pathways.

3.11 Residual Petroleum Hydrocarbons in Groundwater

Groundwater grab samples collected from open boreholes during historic Site investigations are not representative of groundwater quality and could have residual petroleum hydrocarbons in suspended sediments. Based on this opinion, concentrations of TPH-d in groundwater grab samples summarized in Table 4 were not included in the ESL comparisons. Groundwater is encountered in semi-confined conditions at a depth of approximately 20 feet bgs over most of the Site. The rise in water levels after encountering the permeable zone at the Site indicates an upward vertical gradient on groundwater.

Groundwater samples collected following the installation of the four groundwater-monitoring wells detected the highest TPH-d concentrations in MW-102 at 160 µg/L. The groundwater analytical data from the July 2009 monitoring event indicates that TPH-d concentrations in groundwater samples from the monitoring wells were below the ESL of 210 µg/L for sites where groundwater is not a current or potential drinking water resource. Concentrations of PAHs were not detected in any groundwater samples analyzed from the July 2009 quarterly groundwater-monitoring event.

Laboratory analytical data from the July 2009 groundwater-monitoring event indicates that concentrations of TPH-d were detected in DW-1 at 1,000 µg/L. PSC believes that the water in DW-1 is perched in the granular backfill of the former shared excavation for the back-up oven fuel tanks. PSC anticipated significant TPH-d concentrations in DW-1, however free-phase petroleum product has not been observed in the dewatering well.

3.12 Tier 1 Risk Assessment Conclusions

Soil contaminated with residual petroleum hydrocarbons beneath the Site is primarily located around the former diesel pump island and shared excavation for the former back-up oven fuel tanks. Concentrations of TPH-d in soil exceeding the gross contamination ceiling levels for commercial/industrial sites where groundwater is not a current or potential drinking water

resource are located in an approximate 600-700 ft^2 area at the former diesel pump island and an approximate 150 ft^2 area beneath King Street. Concentrations of TPH-d in soil that exceed the final ESL for both residential and commercial/industrial sites where groundwater is not a current or potential drinking water resource are located in an approximate 8,200 ft^2 area around the former diesel pump island, shared excavation for former back-up oven fuel tanks, and former 350-gallon waste oil UST excavation.

Concentrations of TPH-d in groundwater encountered in the active monitoring wells is limited and does not exceed the groundwater ESL for commercial/industrial sites where groundwater is not a current or potential drinking water resource. Based on the length of time that soil and perched water have been impacted by residual petroleum hydrocarbons at the Site, migration through the shallow aquifer is considered minimal. PSC believes that this is due to the limited hydraulic connection between the perched water in the former UST excavations and the semi-confined nature of the shallow aquifer.

Concentrations of TPH-d in soil and groundwater beneath the Site do not pose a risk to human health or the environment based upon the following documented conditions.

1. The Site is a commercial/industrial property and given its close proximity to Interstate 880 and the San Francisco Bay, will remain commercial/industrial for the foreseeable future.

2. The Site and surrounding vicinity is covered with either pavement or structures that limits direct exposure of industrial and commercial workers to residual petroleum hydrocarbons in soil and groundwater.

3. Shallow groundwater in the vicinity of the Site is not suitable as a drinking water resource due to low yield. Deep groundwater in the vicinity of the site is not suitable for drinking water due to potential salt-water intrusion.

4. Concentrations of TPH-d in soil beneath the Site exceed the leaching to groundwater ESL in an approximate 8,200-ft^2 area. However, based on the length of time that the soil has been impacted and the concentrations of TPH-d in groundwater well samples from July 2009, leaching to groundwater is occurring at a very slow rate.

5. Residual petroleum-hydrocarbon impact to groundwater at the Site appears to be influenced by permeable granular backfill material in the former diesel UST system excavations. A modified pump test indicated that the hydraulic connection between perched water in the former shared diesel UST excavation and the lower permeable zone is limited to monitoring well, MW-102. TPH-d concentration in well MW-102 was below the ESL of 210 µg/l.

4.0 CASE CLOSURE JUSTIFICATION

Based upon soil and groundwater data obtained from subsurface investigations performed at the Site and the assessment of risk to potential sensitive receptors, both PSC and Earthgrains believe that no further corrective action is necessary for the unauthorized release of petroleum hydrocarbons at the Site. Therefore, PSC and Earthgrains request final closure for the 1990 environmental case.

4.1 Summary of Historic Corrective Action

Earthgrains installed and operated eight UST systems at the Site from 1967 to 2005 for fleet operations and back-up oven fuel storage. Historic subsurface investigation and corrective action were performed from 1989 through 1996 for an unauthorized diesel UST system release at the Site. Earthgrains obtained case closure in April 1996 after performing a Tier 1 Risk Assessment in accordance with the American Society of Testing and Materials (ASTM), Emergency Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites ES 38-94.

Earthgrains reported an additional unauthorized diesel UST system release at the Site in 2003 following the discovery of petroleum hydrocarbons during product piping modifications at a diesel pump island. Since the Tier 1 Risk Assessment report indicated that residual petroleum hydrocarbons remained in soil near the 2003 diesel UST system release area, the exact source of the petroleum hydrocarbons was undetermined.

Detailed investigations performed in 2006 and 2007 indicate that subsurface soils at the Site consist of silt and clay to a depth of approximately 20 feet bgs, where a sand and gravel layer is first encountered. Groundwater in this permeable layer is under semi-confined conditions. Perched water is encountered in the gravel backfill material of the former shared diesel UST excavation and shallow silty-sand layers above 20 feet bgs at the Site.

Based upon comparisons of 275 soil samples collected since 1989, an area of approximately 8,200 ft^2 may be impacted with residual petroleum hydrocarbons above the residential ESL. Approximately 800 ft^2 of this area exceeds the gross contamination ESL and defines the primary source area with an additional 150 ft^2 located beneath King Street. PSC has conservatively estimated the residual mass of petroleum hydrocarbons at 5,782 kg.

An approximate 8,200-ft^2 area exceeds the final ESL for soil leaching to groundwater at the Site. However, a 2009 groundwater investigation performed to assess and evaluate source area removal by excavation indicated that contaminated soil is not leaching to groundwater at a significant rate. Petroleum-hydrocarbon impact to groundwater beneath the Site appears to be influenced by permeable granular material used to backfill the former diesel pump island and shared diesel UST excavation. A modified pump test performed in 2009 indicated that the hydraulic connection of perched water in the former shared diesel UST excavation to the lower permeable zone is limited only to MW-102 at the Site. Samples from MW-102 have not exceeded the ESL of 210 µg/L.

4.2 Rationale for Environmental Case Closure

The Site is located on a commercial/industrial property and given its close proximity to Interstate 880 and San Francisco Bay, will remain commercial/industrial for the foreseeable future. The Site and surrounding vicinity is covered with either pavement or structures that limit the direct exposure of industrial and/or commercial workers to residual petroleum hydrocarbons in soil and groundwater. Soil vapor intrusion will not occur because of the non-volatile nature of diesel fuel, silt and clay soil, and the elevated first floor slab of the plant.

Based on the January 2009 groundwater investigation, the release of petroleum hydrocarbons does not appear to have migrated significantly since the diesel UST system release in 1989. Residual TPH-d concentrations in soil are similar to TPH-d concentrations remaining from the 1996 environmental case closure. Groundwater impact in the aquifer does not exceed the commercial industrial ESL for sites where groundwater is not a current or potential drinking water resource.

Source removal by excavation is a feasible remedial option at the Site. However, dewatering the former shared UST excavation and implementing engineering controls during earthwork significantly increases the cost of source removal. Although excavation and disposal of the primary source area would remove a significant mass of residual petroleum hydrocarbons in the soil, TPH-d concentrations above the residential final ESL will remain in soil at the Site. Source removal should decrease the time for natural attenuation, but not at a significant rate. Therefore, it is the opinion of PSC and Earthgrains that source removal is not cost-effective corrective action for the Site.

PSC formally request closure for the LUFT incident at the Site. This request is based on the following observed conditions.

- The surface of the Site is covered by either buildings, asphalt or concrete pavement;
- The Site is and will likely remain a commercial/industrial property for the foreseeable future;
- Groundwater is not suitable for a drinking water resource;
- No significant groundwater impact was observed outside the perched water encountered in the former diesel USTs gravel filled excavation;
- Direct exposure to TPH-d by industrial workers is not probable due to the depth of contamination and concrete or asphalt cover;
- Direct exposure to TPH-d by construction workers is limited to deep trench work (>10 feet); and
- Migration to surface water of TPH-d is not probable based on the silty clay soils and the length of any potential migration pathway.

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TABLES

Table 1A
Historical Analytical Data
Shallow (<3 meters) Soil Samples

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	500	500	500	2,500
Direct Exposure (Industrial Worker) ESL			0.27	210	5.0	100	65	450	450	3,700
Final ESL for Soil			0.27	9.3	4.7	11	8.4	180	180	2,500
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
AA-1603 (Tank 1N)	10/12/1989	8 - 10	<0.05	<0.1	<0.1	<0.3	NA	NA	<10	<20
OAK-14BT	12/28/1990	3	<0.005	<0.005	<0.005	<0.005	NA	<1.0	**8.9**	<50
OAK-15NTW	12/28/1990	2 - 3	**0.02**	<0.005	**0.007**	**0.01**	NA	<1.0	**71**	**1,300**
OAK-16TP1	12/28/1990	2 - 3	**0.15**	**0.01**	**0.54**	**0.66**	NA	**15**	**40**	**2,700**
OAK-17IE	01/05/1991	4	<0.005	<0.005	<0.005	<0.005	NA	<1.0	<5.0	<50
OAK-18IE	01/05/1991	4	<0.005	<0.005	<0.005	<0.005	NA	<1.0	<5.0	<50
OAK-19IE	01/05/1991	4	<0.005	<0.005	<0.005	<0.005	NA	<1.0	<5.0	<50
OAK-20IE	01/05/1991	4	<0.005	<0.005	<0.005	<0.005	NA	<1.0	<5.0	<50
OAK-30SSI	01/05/1991	6	<0.005	<0.005	<0.005	<0.005	NA	<1.0	<5.0	<50
OAK-WOT1	01/28/1991	8	<0.005	<0.005	<0.005	<0.005	NA	<1.0	<5.0	<50
MW-2	08/27/1992	5	<0.005	<0.005	<0.005	<0.005	NA	<0.5	NA	NA
Probe Hole-1	04/09/2003	4.5	<0.62	<0.62	<0.62	<0.62	NA	NA	**3,300**	NA
Probe Hole-2	04/09/2003	3.5	NA	NA	NA	NA	NA	NA	NA	<50
Trench-1	03/08/2005	4	<0.005	<0.005	<0.005	<0.005	<0.010	<1.0	<1.0	NA
Trench-2	03/08/2005	4	<0.005	<0.005	<0.005	<0.005	<0.010	<1.0	<1.0	NA
Trench-3	03/08/2005	4	<0.005	<0.005	<0.005	<0.005	<0.010	<1.0	<1.0	NA
Trench-4	03/08/2005	4	<0.005	<0.005	<0.005	<0.005	<0.010	<1.0	<1.0	NA
Trench-5	03/08/2005	4	<0.005	<0.005	<0.005	<0.005	<0.010	**48**	**1,700**	NA
Excavation-1	03/09/2005	--	<0.005	<0.005	<0.005	<0.005	<0.010	<1.0	<1.0	NA
Excavation-2	03/09/2005	--	<0.005	<0.005	<0.005	<0.005	<0.010	<1.0	<1.0	NA

Table 1A
Historical Analytical Data
Shallow (<3 meters) Soil Samples

Earthgrains Baking Companies, Inc.
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Oakland, California 94606

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
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Gross Contamination Ceiling ESL			870	650	400	420	500	500	500	2,500
Direct Exposure (Industrial Worker) ESL			0.27	210	5.0	100	65	450	450	3,700
Final ESL for Soil			0.27	9.3	4.7	11	8.4	180	180	2,500
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
E1	09/15/2006	4.5	<0.005	<0.005	<0.005	<0.005	<0.005	**4.0**	**17**	NA
E1	09/15/2006	8	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E2	09/15/2006	8	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E3	09/22/2006	4	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.8**	NA
E3	09/22/2006	8	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.0**	NA
E5	09/12/2006	5	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.7**	NA
E6	09/12/2006	5	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.7**	NA
E6	09/12/2006	9	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**32**	NA
E7	09/12/2006	2.5	<0.005	<0.005	<0.005	<0.005	<0.005	**2.6**	**73**	NA
E7	09/15/2006	3.5	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.6**	NA
E7	09/15/2006	8	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.4**	NA
E8	09/12/2006	5.5	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.3**	NA
E11	09/12/2006	5	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E13	09/15/2006	5	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.1**	NA
E13	09/15/2006	8	NA	NA	NA	NA	NA	NA	<1.0	NA
E14	09/15/2006	4.5	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.3**	NA
E14	09/15/2006	8	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E15	09/21/2006	4	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E15	09/21/2006	8.5	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA

Table 1A
Historical Analytical Data
Shallow (<3 meters) Soil Samples

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	500	500	500	2,500
Direct Exposure (Industrial Worker) ESL			0.27	210	5.0	100	65	450	450	3,700
Final ESL for Soil			0.27	9.3	4.7	11	8.4	180	180	2,500
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
E17	09/21/2006	8	NA	NA	NA	NA	NA	NA	**1.6**	NA
E23	09/22/2006	8	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**3.6**	NA
E24	09/22/2006	4	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.5**	NA
E24	09/22/2006	8.5	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.1**	NA
E26	09/21/2006	4	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**4.1**	<10
E27	09/13/2006	5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**1.2**	NA
E27	09/13/2006	8.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**1.2**	NA
E28	09/11/2006	4.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**76**	NA
E29	09/13/2006	2	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**8,300**	NA
E29	09/21/2006	4	<0.005	<0.005	<0.005	<0.005	<0.005	**31**	**3,100**	<20
E29	09/21/2006	8	<0.005	<0.005	<0.005	<0.005	<0.005	**140**	**3,800**	<20
E30	09/11/2006	4	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**3.8**	NA
E30	09/11/2006	8	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<1.0	NA
E31	09/11/2006	6.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**44**	NA
E32	09/13/2006	4	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**1.3**	NA
E32	09/13/2006	8.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<1.0	NA
E33	09/11/2006	4.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**520**	NA
E33	09/11/2006	8	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**30**	NA

Table 1A
Historical Analytical Data
Shallow (<3 meters) Soil Samples

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	500	500	500	2,500
Direct Exposure (Industrial Worker) ESL			0.27	210	5.0	100	65	450	450	3,700
Final ESL for Soil			0.27	9.3	4.7	11	8.4	180	180	2,500
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
E34	09/13/2006	4	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**1.1**	NA
E34	09/13/2006	8	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<1.0	NA
E35	09/11/2006	6	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<1.0	NA
E36	09/11/2006	4	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**1.6**	NA
E36	09/11/2006	8.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**1.3**	NA
E37	09/13/2006	4	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**1.4**	NA
E37	09/13/2006	9.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**1.5**	NA
E38	09/13/2006	4	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<1.0	NA
E38	09/13/2006	8	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<1.0	NA
E39	09/13/2006	4	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**1.3**	NA
E39	09/13/2006	9.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**3.5**	NA
E40	09/13/2006	4.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<1.0	NA
E40	09/13/2006	8	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**2.8**	NA
E41	03/28/2007	5	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**4.5**	**19**
E42	03/29/2007	5	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**1.6**	< 10
E43	03/29/2007	5	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**8.8**	**29**
E44	03/28/2007	5	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**5.6**	**20**
E45	03/29/2007	5	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**19**	**92**

Table 1A
Historical Analytical Data
Shallow (<3 meters) Soil Samples

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	500	500	500	2,500
Direct Exposure (Industrial Worker) ESL			0.27	210	5.0	100	65	450	450	3,700
Final ESL for Soil			0.27	9.3	4.7	11	8.4	180	180	2,500
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
E46	03/29/2007	5	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**1.7**	< 10
E47	03/28/2007	5	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**80**	NA
E48	03/28/2007	4	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**2.5**	NA
E48	03/28/2007	9	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**2.4**	NA
E49	03/29/2007	5	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**26**	NA
E49	03/29/2007	8.5	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**560**	NA
E50	03/28/2007	5	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**65**	NA
E51	03/28/2007	5	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**24**	NA
E52	03/28/2007	5.5	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**1.4**	NA
MW-101 (5-6.5)	01/19/2009	5 - 6.5	< 0.005	< 0.005	< 0.005	< 0.005	NA	NA	< 1.0	NA
MW-101 (8.5-10)	01/19/2009	8.5 - 10	< 0.005	< 0.005	< 0.005	< 0.005	NA	NA	< 1.0	NA
MW-102 (5-6.5)	01/20/2009	5 - 6.5	< 0.005	< 0.005	< 0.005	< 0.005	NA	NA	< 1.0	NA
MW-102 (8.5-10)	01/20/2009	8.5 - 10	< 0.005	< 0.005	< 0.005	< 0.005	NA	NA	< 1.0	NA
MW-103 (5-6.5)	01/19/2009	5 - 6.5	< 0.005	< 0.005	< 0.005	< 0.005	NA	NA	< 1.0	NA
MW-103 (8.5-10)	01/19/2009	8.5 - 10	< 0.005	< 0.005	< 0.005	< 0.005	NA	NA	< 1.0	NA
MW-104 (5-6.5)	01/20/2009	5 - 6.5	< 0.005	< 0.005	< 0.005	< 0.005	NA	NA	< 1.0	NA
MW-104 (8.5-10)	01/20/2009	8.5 - 10	< 0.005	< 0.005	< 0.005	< 0.005	NA	NA	**370**	NA

Table 1A
Historical Analytical Data
Shallow (<3 meters) Soil Samples

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	500	500	500	2,500
Direct Exposure (Industrial Worker) ESL			0.27	210	5.0	100	65	450	450	3,700
Final ESL for Soil			0.27	9.3	4.7	11	8.4	180	180	2,500
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
DW-1 (5-6.5)	01/20/2009	5 - 6.5	< 0.005	< 0.005	< 0.005	< 0.005	NA	NA	**53**	NA
DW-1 (8.5-10)	01/20/2009	8.5 - 10	< 0.005	< 0.005	< 0.005	< 0.005	NA	NA	**1,700**	NA

Notes:

mg/kg - Milligrams-per-kilogram
MTBE - Methyl Tertiary Butyl Ether.
TPH-g - Total Petroleum Hydrocarbons quantified as gasoline.
TPH-d - Total Petroleum Hydrocarbons quantified as diesel.
TPH-mo - Total Petroleum Hydrocarbons quantified as motor oil.
NA - Not Analyzed.
ESL - SFBRWQCB Environmental Screening Levels, Table B-2 (May 2008)
Reported value exceeds associated ESL.

Table 1B
Historical Analytical Data
Unsaturated Deep (>3 meters) Soil Samples

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			**2.0**	**9.3**	**4.7**	**11**	**8.4**	**180**	**180**	-
Gross Contamination Ceiling ESL			**870**	**650**	**400**	**420**	**1,000**	**5,000**	**5,000**	**5,000**
Direct Exposure (Const. Worker Trench) ESL			**12**	**650**	**210**	**420**	**2,800**	**4,200**	**4,200**	**12,000**
Final ESL for Soil			**2.0**	**9.3**	**4.7**	**11**	**8.4**	**180**	**180**	**5,000**
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
AA-1602 (Tank 2N)	10/12/1989	14 - 16	<0.05	<0.1	<0.1	<0.3	NA	NA	<10	NA
AA-1601 (Tank 2S)	10/12/1989	14 - 16	<0.05	<0.1	<0.1	<0.3	NA	NA	<10	NA
AA-1599 (Tank 3S)	10/12/1989	14 - 16	<0.05	<0.1	<0.1	<0.3	NA	NA	<10	NA
AA-1597 (Tank 4S)	10/12/1989	14 - 16	<0.05	<0.1	<0.1	<0.3	NA	NA	<10	NA
OAK-1ND	12/12/1990	10	<0.005	<0.005	<0.005	<0.005	NA	<1.0	<5.0	NA
OAK-2SD	12/12/1990	10	<0.005	<0.005	**0.006**	**0.017**	NA	**1.5**	**320**	NA
OAK-3SG	12/12/1990	10	<0.005	<0.005	<0.005	<0.005	NA	<1.0	NA	NA
OAK-4NG	12/12/1990	10	<0.005	<0.005	<0.005	<0.005	NA	<1.0	NA	NA
OAK-9SD	12/14/1990	12	<0.005	<0.005	<0.005	<0.005	NA	<1.0	<5.0	NA
OAK-11WG	12/14/1990	12	<0.005	<0.005	<0.005	<0.005	NA	<1.0	<5.0	NA
OAK-10ED	12/14/1990	12	<0.005	<0.005	<0.005	<0.005	NA	<1.0	<5.0	NA
MW-1	08/27/1992	10	<0.005	<0.005	<0.005	<0.005	NA	NA	**560**	<10
MW-1	08/27/1992	15	<0.005	<0.005	<0.005	<0.005	NA	NA	<10	<10
MW-2	08/27/1992	10	<0.005	<0.005	<0.005	<0.005	NA	NA	**83**	<10
MW-2	08/27/1992	12	<0.005	<0.005	<0.005	<0.005	NA	<0.5	NA	NA
MW-2	08/27/1992	15	<0.005	<0.005	<0.005	<0.005	NA	NA	<10	<10
MW-2	08/27/1992	17	<0.005	<0.005	<0.005	<0.005	NA	**1.3***	NA	NA
MW-2	08/27/1992	20	<0.005	<0.005	<0.005	<0.005	NA	<0.5	NA	NA

Table 1B
Historical Analytical Data
Unsaturated Deep (>3 meters) Soil Samples

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	1,000	5,000	5,000	5,000
Direct Exposure (Const. Worker Trench) ESL			12	650	210	420	2,800	4,200	4,200	12,000
Final ESL for Soil			2.0	9.3	4.7	11	8.4	180	180	5,000
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
MW-3	08/26/1992	20	<0.005	<0.005	<0.005	<0.005	NA	**4.0***	<10	<10
MW-5	08/26/1992	20	<0.005	<0.005	<0.005	<0.005	NA	<0.5	<10	<10
E1	09/15/2006	11.5	<0.005	<0.005	<0.005	<0.005	<0.005	**3.5**	**710**	NA
E1	09/15/2006	16	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**5.8**	NA
E1	09/15/2006	20	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**5.2**	NA
E2	09/15/2006	12	<0.005	<0.005	<0.005	<0.005	<0.005	**8.0**	**860**	NA
E2	09/15/2006	16	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.7**	NA
E3	09/22/2006	12	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E3	09/22/2006	16	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E3	09/22/2006	20	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E4	09/12/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**5.6**	NA
E5	09/12/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E5	09/12/2006	15	<0.005	<0.005	<0.005	<0.005	**0.017**	<1.0	<1.0	NA
E5	09/12/2006	20	<0.005	<0.005	<0.005	<0.005	**0.020**	<1.0	<1.0	NA
E6	09/12/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**4.1**	NA
E7	09/15/2006	12	NA	NA	NA	NA	NA	NA	<1.0	NA
E7	09/15/2006	16	NA	NA	NA	NA	NA	NA	<1.0	NA

Table 1B
Historical Analytical Data
Unsaturated Deep (>3 meters) Soil Samples

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	1,000	5,000	5,000	5,000
Direct Exposure (Const. Worker Trench) ESL			12	650	210	420	2,800	4,200	4,200	12,000
Final ESL for Soil			2.0	9.3	4.7	11	8.4	180	180	5,000
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
E8	09/12/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E8	09/12/2006	15	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E8	09/12/2006	20	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E9	09/21/2006	20	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.3**	NA
E10	09/21/2006	16	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E10	09/21/2006	20	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E11	09/12/2006	10.5	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E11	09/12/2006	15	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E11	09/12/2006	20	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E12	09/12/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.5**	NA
E13	09/15/2006	12	NA	NA	NA	NA	NA	NA	<1.0	NA
E13	09/15/2006	18.5	NA	NA	NA	NA	NA	NA	<1.0	NA
E14	09/15/2006	15	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E15	09/21/2006	12	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E15	09/21/2006	19	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E16	09/12/2006	10.5	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E17	09/21/2006	12	NA	NA	NA	NA	NA	NA	<1.0	NA
E17	09/21/2006	19	NA	NA	NA	NA	NA	NA	**1.5**	NA

Table 1B
Historical Analytical Data
Unsaturated Deep (>3 meters) Soil Samples

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	1,000	5,000	5,000	5,000
Direct Exposure (Const. Worker Trench) ESL			12	650	210	420	2,800	4,200	4,200	12,000
Final ESL for Soil			2.0	9.3	4.7	11	8.4	180	180	5,000
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
E19	09/15/2006	14.5	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E23	09/22/2006	12	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.1**	NA
E23	09/22/2006	16	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E24	09/22/2006	15	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.6**	NA
E25	09/13/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**23**	NA
E26	09/21/2006	11	<0.005	<0.005	<0.005	<0.005	<0.005	**1.2**	**470**	**22**
E26	09/21/2006	13	<0.005	<0.005	<0.005	<0.005	<0.005	**5.2**	**260**	**28**
E26	09/21/2006	19	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.2**	<10
E28	09/11/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**58**	NA
E28	09/11/2006	15	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**5.8**	NA
E29	09/21/2006	12	<0.005	<0.005	<0.005	<0.005	<0.005	**4.7**	**590**	**17**
E29	09/21/2006	14	<0.005	<0.005	<0.005	<0.005	<0.005	**6.9**	**200**	<10
E29	09/21/2006	16	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.5**	<10
E30	09/11/2006	12	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<1.0	NA
E30	09/11/2006	15	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<1.0	NA
E31	09/11/2006	10.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**300**	NA
E31	09/11/2006	14.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**8.0**	NA
E31	09/11/2006	16	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**5.0**	NA

Table 1B
Historical Analytical Data
Unsaturated Deep (>3 meters) Soil Samples

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	1,000	5,000	5,000	5,000
Direct Exposure (Const. Worker Trench) ESL			12	650	210	420	2,800	4,200	4,200	12,000
Final ESL for Soil			2.0	9.3	4.7	11	8.4	180	180	5,000
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
E33	09/11/2006	12	<0.025	<0.025	<0.025	<0.025	<0.025	NA	**7,500**	NA
E33	09/11/2006	16	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**6.9**	NA
E34	09/13/2006	12	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**19**	NA
E34	09/13/2006	19	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<1.0	NA
E35	09/11/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**570**	NA
E35	09/11/2006	14	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**2.3**	NA
E35	09/11/2006	18	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**35**	NA
E35	09/11/2006	21	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**1.2**	NA
E36	09/11/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**5,100**	NA
E36	09/11/2006	15	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**1.9**	NA
E37	09/13/2006	12.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**410**	NA
E37	09/13/2006	15	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**2.4**	NA
E38	09/13/2006	11	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**420**	NA
E38	09/13/2006	12	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**140**	NA
E38	09/13/2006	16	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**1.0**	NA
E38	09/13/2006	19	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<1.0	NA
E39	09/13/2006	12.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**37**	NA
E39	09/13/2006	17.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<1.0	NA

Table 1B
Historical Analytical Data
Unsaturated Deep (>3 meters) Soil Samples

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	1,000	5,000	5,000	5,000
Direct Exposure (Const. Worker Trench) ESL			12	650	210	420	2,800	4,200	4,200	12,000
Final ESL for Soil			2.0	9.3	4.7	11	8.4	180	180	5,000
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
E40	09/13/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**190**	NA
E40	09/13/2006	12	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**18**	NA
E40	09/13/2006	16	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<1.0	NA
E41	03/28/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**33**	**180**
E41	03/28/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**1.7**	< 10
E41	03/28/2007	20	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	< 10
E42	03/29/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**17**	**15**
E42	03/29/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**1.3**	< 10
E42	03/29/2007	20	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	< 10
E43	03/29/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**7.2**	**23**
E43	03/29/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**2.5**	< 10
E43	03/29/2007	20	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	< 10
E44	03/28/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	< 10
E44	03/28/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	< 10
E44	03/28/2007	20	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	< 10
E45	03/29/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	**1.4**	**350**	< 10
E45	03/29/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**1.8**	< 10
E45	03/29/2007	20	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	< 10

Table 1B
Historical Analytical Data
Unsaturated Deep (>3 meters) Soil Samples

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	1,000	5,000	5,000	5,000
Direct Exposure (Const. Worker Trench) ESL			12	650	210	420	2,800	4,200	4,200	12,000
Final ESL for Soil			2.0	9.3	4.7	11	8.4	180	180	5,000
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
E46	03/29/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	**29**	**1,800**	< 10
E46	03/29/2007	12	<0.005	<0.005	<0.005	<0.005	<0.005	**21**	**180**	< 10
E46	03/29/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**1.2**	< 10
E46	03/29/2007	20	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	< 10
E47	03/28/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**27**	NA
E47	03/28/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**10**	NA
E48	03/28/2007	12.5	<0.005	<0.005	<0.005	<0.005	<0.005	**2.1**	**320**	NA
E48	03/28/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	**1.0**	**130**	NA
E48	03/28/2007	20	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	NA
E49	03/29/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**100**	NA
E49	03/29/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**14**	NA
E49	03/29/2007	20	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	NA
E50	03/28/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**100**	NA
E50	03/28/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**3.0**	NA
E51	03/28/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**390**	NA
E51	03/28/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	NA
E51	03/28/2007	20	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	NA
E52	03/28/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**3.4**	NA
E52	03/28/2007	12.5	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**220**	NA

Table 1B
Historical Analytical Data
Unsaturated Deep (>3 meters) Soil Samples

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	1,000	5,000	5,000	5,000
Direct Exposure (Const. Worker Trench) ESL			12	650	210	420	2,800	4,200	4,200	12,000
Final ESL for Soil			2.0	9.3	4.7	11	8.4	180	180	5,000
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
E52	03/28/2007	15.5	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**180**	NA
E52	03/28/2007	20	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	NA
MW-101 (13.5-15')	01/19/2009	13.5 - 15	<0.005	<0.005	<0.005	<0.005	NA	NA	< 1.0	NA
MW-101 (18.5-20')	01/19/2009	18.5 - 20	<0.005	<0.005	<0.005	<0.005	NA	NA	< 1.0	NA
MW-102 (13.5-15')	01/20/2009	13.5 - 15	<0.005	<0.005	<0.005	<0.005	NA	NA	< 1.0	NA
MW-102 (18.5-20')	01/20/2009	18.5 - 20	<0.005	<0.005	<0.005	<0.005	NA	NA	< 1.0	NA
MW-103 (18.5-20')	01/19/2009	18.5 - 20	<0.005	<0.005	<0.005	<0.005	NA	NA	< 1.0	NA
MW-104 (13.5-15')	01/20/2009	13.5 - 15	<0.005	<0.005	<0.005	<0.005	NA	NA	< 1.0	NA
MW-104 (18.5-20')	01/20/2009	18.5 - 20	<0.005	<0.005	<0.005	<0.005	NA	NA	< 1.0	NA
DW-1 (10-11.5')	01/20/2009	10 - 11.5	<0.005	<0.005	<0.005	<0.005	NA	NA	**16**	NA
DW-1 (11.5-13')	01/20/2009	11.5 - 13	<0.005	<0.005	<0.005	<0.005	NA	NA	**8.4**	NA
DW-1 (13.5-15')	01/20/2009	13.5 - 15	<0.005	<0.005	<0.005	<0.005	NA	NA	**2.0**	NA

Notes:

mg/kg - Milligrams-per-kilogram
MTBE - Methyl Tertiary Butyl Ether.
TPH-g - Total Petroleum Hydrocarbons quantified as gasoline.
TPH-g * - Laboratory statement that result is not typical of gasoline chromatograph, but possibly light-end diesel fraction.
TPH-d - Total Petroleum Hydrocarbons quantified as diesel.
TPH-mo - Total Petroleum Hydrocarbons quantified as motor oil.
NA - Not Analyzed.
ESL - SFBRWQCB Environmental Screening Levels, Table D-2 (May 2008)
Reported value exceeds associated ESL.

Table 1C
Historical Analytical Data
Saturated Deep (>3 meters) Soil Samples

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	1,000	5,000	5,000	5,000
Direct Exposure (Const. Worker Trench) ESL			12	650	210	420	2,800	4,200	4,200	12,000
Final ESL for Soil			2.0	9.3	4.7	11	8.4	180	180	5,000
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
MW-2	08/27/1992	25	<0.005	<0.005	<0.005	<0.005	NA	<0.5	NA	NA
MW-2	08/27/1992	28	<0.005	<0.005	<0.005	<0.005	NA	<0.5	NA	NA
MW-4	08/27/1992	21	<0.005	<0.005	<0.005	<0.005	NA	<0.5	<10	<10
E9	09/21/2006	24	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E9	09/21/2006	28	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E10	09/21/2006	24	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E10	09/21/2006	27.5	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E10	09/21/2006	32	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	NA
E35	09/11/2006	21	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**1.2**	NA
E41	03/28/2007	25	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	< 10
E42	03/29/2007	25	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**1.2**	< 10
E43	03/29/2007	25	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	< 10
E44	03/28/2007	24	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	< 10
E45	03/29/2007	25	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	< 10
E45	03/29/2007	28	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	< 10
E46	03/29/2007	25	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	< 10
E46	03/29/2007	28	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	< 10
E48	03/28/2007	25	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	NA
E49	03/29/2007	25	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	NA
E49	03/29/2007	28	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	< 1.0	NA

Table 1C
Historical Analytical Data
Saturated Deep (>3 meters) Soil Samples

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	1,000	5,000	5,000	5,000
Direct Exposure (Const. Worker Trench) ESL			12	650	210	420	2,800	4,200	4,200	12,000
Final ESL for Soil			2.0	9.3	4.7	11	8.4	180	180	5,000
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
MW-101 (23.5-25')	01/19/2009	23.5 - 25	<0.005	<0.005	<0.005	<0.005	NA	NA	< 1.0	NA
MW-101 (26.5-28')	01/19/2009	26.5 - 28	<0.005	<0.005	<0.005	<0.005	NA	NA	< 1.0	NA
MW-102 (23.5-25')	01/20/2009	23.5 - 25	<0.005	<0.005	<0.005	<0.005	NA	NA	< 1.0	NA
MW-102 (26.5-28')	01/20/2009	26.5 - 28	<0.005	<0.005	<0.005	<0.005	NA	NA	< 1.0	NA
MW-103 (23.5-25')	01/19/2009	23.5 - 25	<0.005	<0.005	<0.005	<0.005	NA	NA	< 1.0	NA

Notes:

mg/kg - Milligrams-per-kilogram
MTBE - Methyl Tertiary Butyl Ether.
TPH-g - Total Petroleum Hydrocarbons quantified as gasoline.
TPH-d - Total Petroleum Hydrocarbons quantified as diesel.
TPH-mo - Total Petroleum Hydrocarbons quantified as motor oil.
NA - Not Analyzed.
ESL - SFBRWQCB Environmental Screening Levels, Table D-2 (May 2008)
Reported value exceeds associated ESL.

Table 2
Historical Monitoring Well Construction Data

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

Monitoring Well	Date Installed	Casing Elevation[1] (feet MSL)	Casing Material	Boring Depth (feet bgs)	Well Depth (feet bgs)	Boring Diameter (inches)	Casing Diameter (inches)	Slot Size (inches)	Screened Interval (feet bgs)	Filter Pack Interval (feet bgs)	Filter Pack Sand
MW-1	8/27/1992	10.64[1]	PVC	31.0	25	8	2	0.010	18.0-25.0	15.5-25.0	#2/12
MW-2	8/27/1992	11.20[1]	PVC	29.5	29.5	8	2	0.010	18.0-29.5	16.0-29.5	#2/12
MW-3	8/26/1992	10.92[1]	PVC	27.0	27.0	8	2	0.010	7.0-27.0	6.5-27.0	#2/12
MW-4	8/27/1992	12.04[1]	PVC	34.0	34.0	8	2	0.010	19.0-34.0	16.0-34.0	#2/12
MW-5	8/26/1992	14.39[1]	PVC	34.0	34.0	8	2	0.010	24.0-34.0	22.0-34.0	#2/12
MW-101	1/19/2009	13.90[2]	PVC	28.10	28.05	8	2	0.010	18-28	16-28	#2/12
MW-102	1/20/2009	14.19[2]	PVC	28.40	28.35	8	2	0.010	18-28	16-28	#2/12
MW-103	1/19/2009	13.75[2]	PVC	25.00	24.92	8	2	0.010	10-25	8-25	#2/12
MW-104	1/20/2009	13.65[2]	PVC	25.15	25.10	8	2	0.010	10-25	8-25	#2/12
DW-1	1/20/2009	14.05[2]	PVC	14.65	14.60	12	6	0.020	5-15	3-15	#2/12

Notes:

MW-1 through MW-5 were properly abandoned in 1996

bgs - below ground surface

DW - dewatering well

MSL - mean sea level

PVC - poly-vinyl chloride (Schedule 40)

1 - Well casing elevations surveyed on January 26, 1994.

2 - Well casing elevations surveyed on January 28, 2009 by PLS Surveys, Inc. according to NAVD88 datum

Table 3
Historical Groundwater Elevation Data

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

Well ID	Gauging Date	Top of Casing Elevation (feet MSL)	Depth to Water (feet bgs)	Groundwater Elevation (feet MSL)
MW-1[1]	08/27/1992	10.64	NM	NM
MW-1	08/31/1992	10.64	8.76	1.88
MW-1	09/02/1992	10.64	8.84	1.80
MW-1	09/17/1992	10.64	9.06	1.58
MW-1	03/24/1993	10.64	8.63	2.01
MW-1	05/19/1993	10.64	9.28	1.36
MW-1	08/23/1993	10.64	9.39	1.25
MW-1	10/14/1993	10.64	9.30	1.34
MW-1	11/23/1993	10.64	9.38	1.26
MW-1	02/16/1994	10.64	8.70	1.94
MW-1	05/19/1994	10.64	8.62	2.02
MW-1	08/23/1994	10.64	9.03	1.61
MW-1	12/06/1994	10.64	7.88	2.76
Well Abandoned in 1996				
MW-2[1]	08/27/1992	11.20	13.49	-2.29
MW-2	08/31/1992	11.20	9.78	1.42
MW-2	09/02/1992	11.20	9.87	1.33
MW-2	09/17/1992	11.20	10.19	1.01
MW-2	03/24/1993	11.20	12.42	-1.22
MW-2	05/19/1993	11.20	9.87	1.33
MW-2	08/23/1993	11.20	10.01	1.19
MW-2	10/14/1993	11.20	9.91	1.29
MW-2	11/23/1993	11.20	10.02	1.18
MW-2	02/16/1994	11.20	9.50	1.70
MW-2	05/19/1994	11.20	9.39	1.81
MW-2	08/23/1994	11.20	9.73	1.47
MW-2	12/06/1994	11.20	8.87	2.33
Well Abandoned in 1996				
MW-3[1]	08/27/1992	10.92	8.41	2.51
MW-3	08/31/1992	10.92	9.22	1.70
MW-3	09/02/1992	10.92	NM	NM
MW-3	09/16/1992	10.92	9.11	1.81
MW-3	03/24/1993	10.92	8.63	2.29

Table 3
Historical Groundwater Elevation Data

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

Well ID	Gauging Date	Top of Casing Elevation (feet MSL)	Depth to Water (feet bgs)	Groundwater Elevation (feet MSL)
MW-3	05/19/1993	10.92	9.28	1.64
MW-3	08/23/1993	10.92	9.30	1.62
MW-3	10/14/1993	10.92	NM	NM
MW-3	11/23/1993	10.92	9.13	1.79
MW-3	02/16/1994	10.92	8.98	1.94
MW-3	05/19/1994	10.92	8.73	2.19
MW-3	08/23/1994	10.92	9.45	1.47
MW-3	12/06/1994	10.92	9.40	1.52
Well Abandoned in 1996				
MW-4[1]	08/27/1992	12.04	NM	NM
MW-4	08/31/1992	12.04	10.27	1.77
MW-4	09/02/1992	12.04	10.24	1.80
MW-4	09/17/1992	12.04	10.43	1.61
MW-4	03/24/1993	12.04	9.85	2.19
MW-4	05/19/1993	12.04	10.35	1.69
MW-4	08/23/1993	12.04	10.42	1.62
MW-4	10/14/1993	12.04	10.13	1.91
MW-4	11/23/1993	12.04	10.12	1.92
MW-4	02/16/1994	12.04	10.10	1.94
MW-4	05/19/1994	12.04	9.84	2.20
MW-4	08/23/1994	12.04	10.70	1.34
MW-4	12/06/1994	12.04	9.54	2.50
Well Abandoned in 1996				
MW-5[1]	08/27/1992	14.39	12.80	1.59
MW-5	08/31/1992	14.39	12.61	1.78
MW-5	09/02/1992	14.39	12.51	1.88
MW-5	09/16/1992	14.39	12.38	2.01
MW-5	03/24/1993	14.39	11.93	2.46
MW-5	05/19/1993	14.39	12.58	1.81
MW-5	08/23/1993	14.39	12.68	1.71
MW-5	10/14/1993	14.39	12.52	1.87
MW-5	11/23/1993	14.39	12.51	1.88
MW-5	02/16/1994	14.39	12.28	2.11

Table 3
Historical Groundwater Elevation Data

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

Well ID	Gauging Date	Top of Casing Elevation (feet MSL)	Depth to Water (feet bgs)	Groundwater Elevation (feet MSL)
MW-5	05/19/1994	14.39	12.13	2.26
MW-5	08/23/1994	14.39	12.80	1.59
MW-5	12/06/1994	14.39	11.75	2.64
Well Abandoned in 1996				
MW-101[2]	01/26/2009	13.90	8.92	4.98
MW-101	04/15/2009	13.90	9.43	4.47
MW-101	07/22/2009	13.90	9.62	4.28
MW-102[2]	01/26/2009	14.19	9.15	5.04
MW-102	04/15/2009	14.19	9.55	4.64
MW-102	07/22/2009	14.19	10.02	4.17
MW-103[2]	01/26/2009	13.75	8.69	5.06
MW-103	04/15/2009	13.75	8.91	4.84
MW-103	07/22/2009	13.75	9.18	4.57
MW-104[2]	01/26/2009	13.65	8.65	5.00
MW-104	04/15/2009	13.65	8.87	4.78
MW-104	07/22/2009	13.65	9.27	4.38
DW-1[2]	01/26/2009	14.05	9.10	4.95
DW-1	04/15/2009	14.05	9.23	4.82
DW-1	07/22/2009	14.05	9.50	4.55

Notes:

MSL - mean sea level

bgs - below ground surface, measured from top of well casing

NM - Not measured

DW - dewatering well

1 - Well casing elevations surveyed on January 26, 1994.

2 - Well casing elevations surveyed on January 28, 2009 by PLS Surveys, Inc. according to NAVD88 datum

Table 4
Historical Analytical Data
Groundwater Grab Samples

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

Sample Identification	Collection Date	Concentration							
		Benzene (46)	Toluene (130)	Ethylbenzene (43)	Total Xylenes (100)	MTBE (1,800)	TPH-g (210)	TPH-d (210)	TPH-mo (210)
AA1604	10/12/1989	<50	<100	<100	<300	NA	**15**	**49**	NA
TP-W1	12/16/1990	**40**	**170**	**87**	**470**	NA	**2,200**	NA	NA
Oak-GW2	12/19/1990	<0.50	**0.7**	**2.6**	**2.3**	NA	<50	<50	NA
Excavation Water	03/08/2005	<0.50	<0.50	<0.50	<0.50	**2.7**	**130**	**6,100**	NA
E1	09/15/2006	<0.50	<0.50	<0.50	<0.50	<0.50	**560**	**360,000**	NA
E2	09/15/2006	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**1,200**	NA
E3	09/22/2006	<0.50	<0.50	<0.50	<0.50	**6.1**	<50	<50	NA
E7	09/15/2006	<0.50	<0.50	<0.50	<0.50	<0.50	**62**	<50	NA
E8	09/12/2006	<0.50	<0.50	<0.50	<0.50	**2.0**	<50	<50	NA
E09-10-W	09/21/2006	<0.50	<0.50	<0.50	<0.50	**7.5**	<50	<50	NA
E09-28-W	09/21/2006	<0.50	<0.50	<0.50	<0.50	<0.50	**94**	<50	NA
E10-32-W	09/21/2006	<0.50	<0.50	<0.50	<0.50	<0.50	**94**	<50	NA
E11	09/12/2006	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	NA
E12	09/12/2006	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**260**	NA
E13	09/15/2006	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	NA
E14	09/15/2006	<0.50	<0.50	<0.50	<0.50	**3.2**	<50	<50	NA
E15	09/21/2006	<0.50	<0.50	<0.50	<0.50	**15**	<50	<50	NA
E16	09/12/2006	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	NA
E17	09/21/2006	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**120**	NA
E18	09/22/2006	<0.50	<0.50	<0.50	<0.50	**3.3**	<50	<50	NA
E19	09/15/2006	<0.50	<0.50	<0.50	<0.50	**2.8**	<50	<50	NA

Table 4
Historical Analytical Data
Groundwater Grab Samples

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

Sample Identification	Collection Date	Concentration							
		Benzene (46)	Toluene (130)	Ethylbenzene (43)	Total Xylenes (100)	MTBE (1,800)	TPH-g (210)	TPH-d (210)	TPH-mo (210)
E20	09/22/2006	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	NA
E21	09/22/2006	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	NA
E22	09/21/2006	<0.50	<0.50	<0.50	<0.50	**7.1**	<50	<50	NA
E23	09/22/2006	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	NA
E24	09/22/2006	<0.50	<0.50	<0.50	<0.50	**0.69**	<50	<50	NA
E25	09/13/2006	<0.50	<0.50	<0.50	<0.50	**0.92**	<50	<50	NA
E26	09/21/2006	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**1,900**	NA
E27	09/13/2006	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	NA
E28	09/11/2006	<0.50	<0.50	<0.50	<0.50	<0.50	NA	**68,000**	NA
E29	09/21/2006	<0.50	<0.50	<0.50	**1.4**	<0.50	**290**	**3,500,000**	NA
E30	09/11/2006	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<50	NA
E31	09/11/2006	<0.50	<0.50	<0.50	<0.50	<0.50	NA	**880,000**	NA
E32	09/13/2006	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<50	NA
E33	09/11/2006	<0.50	<0.50	<0.50	<0.50	**22**	NA	**4,200**	NA
E34	09/13/2006	<0.50	<0.50	<0.50	<0.50	<0.50	NA	**3,900**	NA
E35	09/11/2006	<0.50	<0.50	<0.50	<0.50	**4.2**	NA	**3,500**	NA
E36	09/11/2006	<0.50	<0.50	<0.50	<0.50	**0.61**	NA	**1,700,000**	NA
E37	09/13/2006	<0.50	<0.50	<0.50	<0.50	<0.50	NA	**70,000**	NA
E38	09/13/2006	<0.50	<0.50	<0.50	<0.50	<0.50	NA	**3,400**	NA
E39	09/13/2006	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<50	NA
E40	09/13/2006	<0.50	<0.50	<0.50	<0.50	<0.50	NA	**3,100**	NA

Table 4
Historical Analytical Data
Groundwater Grab Samples

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

Sample Identification	Collection Date	Concentration							
		Benzene (46)	Toluene (130)	Ethylbenzene (43)	Total Xylenes (100)	MTBE (1,800)	TPH-g (210)	TPH-d (210)	TPH-mo (210)
E41	03/28/2007	<0.50	<0.50	<0.50	<0.50	**0.62**	**59**	<50	**180**
E42	03/29/2007	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**840**	**240**
E43	03/29/2007	<0.50	**0.51**	<0.50	<0.50	<0.50	**53**	<50	<100
E44	03/28/2007	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	<100
E45	03/29/2007	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	<100
E46	03/29/2007	<0.50	**0.84**	<0.50	<0.50	**2.4**	<50	**250**	**750**
E47	03/28/2007	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**22,000**	NA
E48	03/28/2007	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<50	NA
E50	03/28/2007	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**7,300**	NA
E51	03/28/2007	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**3,200**	NA
E52	03/28/2007	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**200**	NA

Notes:

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.
ESL - SFBRWQCB Environmental Screening Levels, Table F-1b (May 2008)
Reported value exceeds associated ESL.

Table 5
Historical Analytical Data
Groundwater Well Samples

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

Monitoring Well	Collection Date	Concentration and Associated ESLs (µg/L)							
		Benzene (46)	Toluene (130)	Ethylbenzene (43)	Total Xylenes (100)	MTBE (1,800)	TPH-g (210)	TPH-d (210)	TPH-mo (210)
MW-1	09/18/1992	<0.50	<0.50	<0.50	<0.50	NA	<50	<50	<50
MW-1	03/24/1993	<0.30	<0.30	<0.30	<0.50	NA	NA	**78**	<50
MW-1	05/19/1993	<0.30	**0.35**	<0.30	<0.50	NA	NA	**130**	<50
MW-1	08/23/1993	<0.50	<0.50	<0.50	<0.50	NA	NA	**460**	<100
MW-1	10/14/1993	NA	NA	NA	NA	NA	NA	**160**	<100
MW-1	11/23/1993	<0.30	<0.30	<0.30	<0.50	NA	NA	**340**	<100
MW-1	02/16/1994	<0.30	<0.30	<0.30	<0.50	NA	NA	**160**	**170**
MW-1	05/19/1994	<0.30	<0.30	<0.30	<0.50	NA	NA	<50	**470**
MW-1	08/23/1994	<0.30	<0.30	<0.30	<0.50	NA	NA	<50	<100
MW-1	12/06/1994	<0.30	<0.30	<0.30	<0.50	NA	NA	<50	<100
Well Abandoned in 1996									
MW-2	09/18/1992	<0.50	<0.50	<0.50	<0.50	NA	<50	<50	**77**
MW-2	11/04/1992	<0.50	<0.50	<0.50	<0.50	NA	<50	<50	<50
MW-2	03/24/1993	<0.30	<0.30	<0.30	<0.50	NA	NA	<50	<50
MW-2	05/19/1993	<0.30	<0.30	<0.30	<0.50	NA	NA	<50	<50
MW-2	08/23/1993	<0.50	<0.50	<0.50	<0.50	NA	NA	**720**	<100
MW-2	10/14/1993	NA	NA	NA	NA	NA	NA	<50	<100
MW-2	11/23/1993	NA	NA	NA	NA	NA	NA	<50	<100

Table 5
Historical Analytical Data
Groundwater Well Samples

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

Monitoring Well	Collection Date	Concentration and Associated ESLs (µg/L)							
		Benzene (46)	Toluene (130)	Ethylbenzene (43)	Total Xylenes (100)	MTBE (1,800)	TPH-g (210)	TPH-d (210)	TPH-mo (210)
MW-2	02/16/1994	<0.30	<0.30	<0.30	<0.50	NA	NA	<50	**480**
MW-2	05/19/1994	<0.30	<0.30	<0.30	<0.50	NA	NA	<50	**710**
MW-2	08/23/1994	<0.30	<0.30	<0.30	<0.50	NA	NA	<50	<100
MW-2	12/06/1994	<0.30	<0.30	<0.30	<0.50	NA	NA	<50	<100
Well Abandoned in 1996									
MW-3	09/17/1992	<0.50	<0.50	<0.50	<0.50	NA	<50	<50	<50
MW-3	03/24/1993	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	**52**
MW-3	05/19/1993	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	<50
MW-3	08/23/1993	<0.50	<0.50	<0.50	<0.50	NA	<50	<50	<100
MW-3	11/23/1993	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	<100
MW-3	02/16/1994	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	<100
MW-3	05/19/1994	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	**290**
MW-3	08/23/1994	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	<100
MW-3	12/06/1994	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	<100
Well Abandoned in 1996									
MW-4	09/18/1992	<0.50	<0.50	<0.50	<0.50	NA	**54**	<50	<50
MW-4	11/04/1992	<0.50	<0.50	<0.50	<0.50	NA	<50	<50	**58**
MW-4	03/24/1993	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	<50
MW-4	05/19/1993	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	<50

Table 5
Historical Analytical Data
Groundwater Well Samples

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

Monitoring Well	Collection Date	Concentration and Associated ESLs (µg/L)							
		Benzene (46)	Toluene (130)	Ethylbenzene (43)	Total Xylenes (100)	MTBE (1,800)	TPH-g (210)	TPH-d (210)	TPH-mo (210)
MW-4	08/23/1993	<0.50	<0.50	<0.50	<0.50	NA	<50	**100**	<100
MW-4	10/14/1993	NA	NA	NA	NA	NA	NA	<50	<100
MW-4	11/23/1993	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	<100
MW-4	02/16/1994	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	**120**
MW-4	05/19/1994	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	**690**
MW-4	08/23/1994	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	<100
MW-4	12/06/1994	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	<100
Well Abandoned in 1996									
MW-5	09/17/1992	<0.50	<0.50	<0.50	<0.50	NA	<50	<50	<50
MW-5	11/04/1992	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	03/24/1993	**0.39**	**0.39**	<0.30	**0.56**	NA	<50	<50	<50
MW-5	05/19/1993	<0.30	<0.30	<0.30	<0.50	NA	**51**	<50	<50
MW-5	08/23/1993	<0.50	<0.50	<0.50	<0.50	NA	<50	**80**	<100
MW-5	10/14/1993	NA	NA	NA	NA	NA	NA	<50	<100
MW-5	11/23/1993	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	<100
MW-5	02/16/1994	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	**410**
MW-5	05/19/1994	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	**1,800**
MW-5	08/23/1994	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	<100
MW-5	12/06/1994	<0.30	<0.30	<0.30	<0.50	NA	<50	<50	<100
Well Abandoned in 1996									

Table 5
Historical Analytical Data
Groundwater Well Samples

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

Monitoring Well	Collection Date	Concentration and Associated ESLs (µg/L)							
		Benzene (46)	Toluene (130)	Ethylbenzene (43)	Total Xylenes (100)	MTBE (1,800)	TPH-g (210)	TPH-d (210)	TPH-mo (210)
MW-101	01/26/2009	<0.50	<0.50	<0.50	<0.50	NA	NA	<50	NA
MW-101	04/15/2009	<0.50	<0.50	<0.50	<0.50	NA	NA	<50	NA
MW-101	07/22/2009	<0.50	<0.50	<0.50	<0.50	NA	NA	<50	NA
MW-102	01/26/2009	<0.50	<0.50	<0.50	<0.50	NA	NA	**160**	NA
MW-102	04/15/2009	<0.50	<0.50	<0.50	<0.50	NA	NA	**140**	NA
MW-102	07/22/2009	<0.50	<0.50	<0.50	<0.50	NA	NA	**120**	NA
MW-103	01/26/2009	<0.50	<0.50	<0.50	<0.50	NA	NA	**80**	NA
MW-103	04/15/2009	<0.50	<0.50	<0.50	<0.50	NA	NA	<50	NA
MW-103	07/22/2009	<0.50	<0.50	<0.50	<0.50	NA	NA	<50	NA
MW-104	01/26/2009	<0.50	<0.50	<0.50	<0.50	NA	NA	**100**	NA
MW-104	04/15/2009	<0.50	<0.50	<0.50	<0.50	NA	NA	**79**	NA
MW-104	07/22/2009	<0.50	<0.50	<0.50	<0.50	NA	NA	**97**	NA
DW-1	01/26/2009	<0.50	<0.50	<0.50	<0.50	NA	NA	**1,200**	NA
DW-1	04/15/2009	<0.50	<0.50	<0.50	<0.50	NA	NA	**830**	NA
DW-1	07/22/2009	<0.50	<0.50	<0.50	<0.50	NA	NA	**1,000**	NA

Table 5
Historical Analytical Data
Groundwater Well Samples

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

Monitoring Well	Collection Date	Concentration and Associated ESLs (µg/L)							
		Benzene (46)	Toluene (130)	Ethylbenzene (43)	Total Xylenes (100)	MTBE (1,800)	TPH-g (210)	TPH-d (210)	TPH-mo (210)

Notes:

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.
ESL - SFBRWQCB Environmental Screening Levels, Table F-1b (May 2008)
Reported value exceeds associated ESL.

Table 6
Aquifer Testing Data

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

Monitoring Well	Test Date	Test Type	Analysis Method[1]	Hydraulic Conductivity (cm/sec)	Hydraulic Conductivity (cm/year)
MW-101	1/22/2009	Rising Head (Slug In)	Bouwer & Rice	1.05E-03	3.31E+04
MW-101	1/22/2009	Rising Head (Slug Out)	Bouwer & Rice	7.70E-04	2.43E+04
MW-102	1/22/2009	Rising Head (Slug Out)	Bouwer & Rice	6.19E-05	1.95E+03
MW-104	1/22/2009	Rising Head (Slug In)	Bouwer & Rice	5.97E-04	1.88E+04
MW-104	1/22/2009	Rising Head (Slug Out)	Bouwer & Rice	3.547E-03	1.12E+05
Average Hydraulic Conductivity For Shallow Aquifer				**5.023E-04**	**1.584E+04**

Notes:

1 - Analysis methods are:
Hvorslev for confined aquifers (1951).
Bouwer & Rice for confined aquifers (1976).

cm/sec - Centimeters per second.

Table 7A
Detectable Concentrations of Petroleum Hydrocarbons
Shallow (<3 meters) Soil Samples
Comparison to Appropriate ESL

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

Environmental Screening Levels (mg/kg) Non drinking water			Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d	TPH-mo
Commercial Leaching to Groundwater ESL			2.0	9.3	4.7	11	180	180	-
Commercial Gross Contamination Ceiling ESL			870	650	400	420	500	500	2,500
Commercial Direct Exposure (Industrial Worker) ESL			0.27	210	5.0	100	450	450	3,700
Final Commercial ESL for Soil			0.27	9.3	4.7	11	180	180	2,500
Final Residential ESL for Soil			0.12	9.3	2.3	11	100	100	370
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**						
E29	09/13/2006	2	<0.005	<0.005	<0.005	<0.005	NA	8,300	NA
E29	09/21/2006	8	<0.005	<0.005	<0.005	<0.005	140	3,800	<20
Probe Hole-1	04/09/2003	4.5	<0.62	<0.62	<0.62	<0.62	NA	3,300	NA
E29	09/21/2006	4	<0.005	<0.005	<0.005	<0.005	31	3,100	<20
Trench-5	03/08/2005	4	<0.005	<0.005	<0.005	<0.005	48	1,700	NA
DW-1 (8.5-10)	01/20/2009	8.5 - 10	< 0.005	< 0.005	< 0.005	< 0.005	NA	1,700	NA
E49	03/29/2007	8.5	<0.005	<0.005	<0.005	<0.005	< 1.0	560	NA
E33	09/11/2006	4.5	<0.005	<0.005	<0.005	<0.005	NA	520	NA
MW-104 (8.5-10)	01/20/2009	8.5 - 10	< 0.005	< 0.005	< 0.005	< 0.005	NA	370	NA
E47	03/28/2007	5	<0.005	<0.005	<0.005	<0.005	< 1.0	80	NA
E28	09/11/2006	4.5	<0.005	<0.005	<0.005	<0.005	NA	76	NA
E7	09/12/2006	2.5	<0.005	<0.005	<0.005	<0.005	2.6	73	NA
OAK-15NTW	12/28/1990	2 - 3	0.02	<0.005	0.007	0.01	<1.0	71	1,300
E50	03/28/2007	5	<0.005	<0.005	<0.005	<0.005	< 1.0	65	NA
DW-1 (5-6.5)	01/20/2009	5 - 6.5	< 0.005	< 0.005	< 0.005	< 0.005	NA	53	NA
E31	09/11/2006	6.5	<0.005	<0.005	<0.005	<0.005	NA	44	NA
OAK-16TP1	12/28/1990	2 - 3	0.15	0.01	0.54	0.66	15	40	2,700
E6	09/12/2006	9	<0.005	<0.005	<0.005	<0.005	<1.0	32	NA
E33	09/11/2006	8	<0.005	<0.005	<0.005	<0.005	NA	30	NA

Table 7A
Detectable Concentrations of Petroleum Hydrocarbons
Shallow (<3 meters) Soil Samples
Comparison to Appropriate ESL

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

Environmental Screening Levels (mg/kg) Non drinking water			Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d	TPH-mo
Commercial Leaching to Groundwater ESL			2.0	9.3	4.7	11	180	180	-
Commercial Gross Contamination Ceiling ESL			870	650	400	420	500	500	2,500
Commercial Direct Exposure (Industrial Worker) ESL			0.27	210	5.0	100	450	450	3,700
Final Commercial ESL for Soil			0.27	9.3	4.7	11	180	180	2,500
Final Residential ESL for Soil			0.12	9.3	2.3	11	100	100	370
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**						
E49	03/29/2007	5	<0.005	<0.005	<0.005	<0.005	< 1.0	**26**	NA
E51	03/28/2007	5	<0.005	<0.005	<0.005	<0.005	< 1.0	**24**	NA
E45	03/29/2007	5	<0.005	<0.005	<0.005	<0.005	< 1.0	**19**	**92**
E1	09/15/2006	4.5	<0.005	<0.005	<0.005	<0.005	**4.0**	**17**	NA
OAK-14BT	12/28/1990	3	<0.005	<0.005	<0.005	<0.005	<1.0	**8.9**	<50
E43	03/29/2007	5	<0.005	<0.005	<0.005	<0.005	< 1.0	**8.8**	**29**
E44	03/28/2007	5	<0.005	<0.005	<0.005	<0.005	< 1.0	**5.6**	**20**
E41	03/28/2007	5	<0.005	<0.005	<0.005	<0.005	< 1.0	**4.5**	**19**
E26	09/21/2006	4	<0.005	<0.005	<0.005	<0.005	<1.0	**4.1**	<10
E30	09/11/2006	4	<0.005	<0.005	<0.005	<0.005	NA	**3.8**	NA
E23	09/22/2006	8	<0.005	<0.005	<0.005	<0.005	<1.0	**3.6**	NA
E39	09/13/2006	9.5	<0.005	<0.005	<0.005	<0.005	NA	**3.5**	NA
E40	09/13/2006	8	<0.005	<0.005	<0.005	<0.005	NA	**2.8**	NA
E48	03/28/2007	4	<0.005	<0.005	<0.005	<0.005	< 1.0	**2.5**	NA
E48	03/28/2007	9	<0.005	<0.005	<0.005	<0.005	< 1.0	**2.4**	NA
E3	09/22/2006	4	<0.005	<0.005	<0.005	<0.005	<1.0	**1.8**	NA
E5	09/12/2006	5	<0.005	<0.005	<0.005	<0.005	<1.0	**1.7**	NA
E6	09/12/2006	5	<0.005	<0.005	<0.005	<0.005	<1.0	**1.7**	NA
E46	03/29/2007	5	<0.005	<0.005	<0.005	<0.005	< 1.0	**1.7**	< 10

Table 7A
Detectable Concentrations of Petroleum Hydrocarbons
Shallow (<3 meters) Soil Samples
Comparison to Appropriate ESL

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

Environmental Screening Levels (mg/kg) Non drinking water			Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d	TPH-mo
Commercial Leaching to Groundwater ESL			2.0	9.3	4.7	11	180	180	-
Commercial Gross Contamination Ceiling ESL			870	650	400	420	500	500	2,500
Commercial Direct Exposure (Industrial Worker) ESL			0.27	210	5.0	100	450	450	3,700
Final Commercial ESL for Soil			0.27	9.3	4.7	11	180	180	2,500
Final Residential ESL for Soil			0.12	9.3	2.3	11	100	100	370
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**						
E7	09/15/2006	3.5	<0.005	<0.005	<0.005	<0.005	<1.0	**1.6**	NA
E17	09/21/2006	8	NA	NA	NA	NA	NA	**1.6**	NA
E36	09/11/2006	4	<0.005	<0.005	<0.005	<0.005	NA	**1.6**	NA
E42	03/29/2007	5	<0.005	<0.005	<0.005	<0.005	< 1.0	**1.6**	< 10
E24	09/22/2006	4	<0.005	<0.005	<0.005	<0.005	<1.0	**1.5**	NA
E37	09/13/2006	9.5	<0.005	<0.005	<0.005	<0.005	NA	**1.5**	NA
E7	09/15/2006	8	<0.005	<0.005	<0.005	<0.005	<1.0	**1.4**	NA
E37	09/13/2006	4	<0.005	<0.005	<0.005	<0.005	NA	**1.4**	NA
E52	03/28/2007	5.5	<0.005	<0.005	<0.005	<0.005	< 1.0	**1.4**	NA
E8	09/12/2006	5.5	<0.005	<0.005	<0.005	<0.005	<1.0	**1.3**	NA
E14	09/15/2006	4.5	<0.005	<0.005	<0.005	<0.005	<1.0	**1.3**	NA
E32	09/13/2006	4	<0.005	<0.005	<0.005	<0.005	NA	**1.3**	NA
E36	09/11/2006	8.5	<0.005	<0.005	<0.005	<0.005	NA	**1.3**	NA
E39	09/13/2006	4	<0.005	<0.005	<0.005	<0.005	NA	**1.3**	NA
E27	09/13/2006	5	<0.005	<0.005	<0.005	<0.005	NA	**1.2**	NA
E27	09/13/2006	8.5	<0.005	<0.005	<0.005	<0.005	NA	**1.2**	NA
E13	09/15/2006	5	<0.005	<0.005	<0.005	<0.005	<1.0	**1.1**	NA
E24	09/22/2006	8.5	<0.005	<0.005	<0.005	<0.005	<1.0	**1.1**	NA
E34	09/13/2006	4	<0.005	<0.005	<0.005	<0.005	NA	**1.1**	NA
E3	09/22/2006	8	<0.005	<0.005	<0.005	<0.005	<1.0	**1.0**	NA

Table 7A
Detectable Concentrations of Petroleum Hydrocarbons
Shallow (<3 meters) Soil Samples
Comparison to Appropriate ESL

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

Environmental Screening Levels (mg/kg) Non drinking water			Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d	TPH-mo
Commercial Leaching to Groundwater ESL			2.0	9.3	4.7	11	180	180	-
Commercial Gross Contamination Ceiling ESL			870	650	400	420	500	500	2,500
Commercial Direct Exposure (Industrial Worker) ESL			0.27	210	5.0	100	450	450	3,700
Final Commercial ESL for Soil			0.27	9.3	4.7	11	180	180	2,500
Final Residential ESL for Soil			0.12	9.3	2.3	11	100	100	370
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**						

Notes:

mg/kg - Milligrams-per-kilogram
MTBE - Methyl Tertiary Butyl Ether.
TPH-g - Total Petroleum Hydrocarbons quantified as gasoline.
TPH-d - Total Petroleum Hydrocarbons quantified as diesel.
TPH-mo - Total Petroleum Hydrocarbons quantified as motor oil.
NA - Not Analyzed.
ESL - SFBRWQCB Environmental Screening Levels, Table B-2 (May 2008)

Reported value exceeds associated ESL.

Table 7B
Detectable Concentrations of Petroleum Hydrocarbons
Deep (>3 meters) Soil Samples
Comparison to Appropriate ESL

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	1,000	5,000	5,000	5,000
Direct Exposure (Const. Worker Trench) ESL			12	650	210	420	2,800	4,200	4,200	12,000
Final Commercial ESL for Soil			2.0	9.3	4.7	11	8.4	180	180	5,000
Final Residential ESL for Soil			2.0	9.3	4.7	11	8.4	180	180	5,000
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
E33	09/11/2006	12	<0.025	<0.025	<0.025	<0.025	<0.025	NA	**7,500**	NA
E36	09/11/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**5,100**	NA
E46	03/29/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	**29**	**1,800**	< 10
E2	09/15/2006	12	<0.005	<0.005	<0.005	<0.005	<0.005	**8.0**	**860**	NA
E1	09/15/2006	11.5	<0.005	<0.005	<0.005	<0.005	<0.005	**3.5**	**710**	NA
E29	09/21/2006	12	<0.005	<0.005	<0.005	<0.005	<0.005	**4.7**	**590**	**17**
E35	09/11/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**570**	NA
MW-1	08/27/1992	10	<0.005	<0.005	<0.005	<0.005	NA	NA	**560**	<10
E26	09/21/2006	11	<0.005	<0.005	<0.005	<0.005	<0.005	**1.2**	**470**	**22**
E38	09/13/2006	11	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**420**	NA
E37	09/13/2006	12.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**410**	NA
E51	03/28/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**390**	NA
E45	03/29/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	**1.4**	**350**	< 10
E48	03/28/2007	12.5	<0.005	<0.005	<0.005	<0.005	<0.005	**2.1**	**320**	NA
OAK-2SD	12/12/1990	10	<0.005	<0.005	**0.006**	**0.017**	NA	**1.5**	**320**	NA
E31	09/11/2006	10.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**300**	NA
E26	09/21/2006	13	<0.005	<0.005	<0.005	<0.005	<0.005	**5.2**	**260**	**28**
E52	03/28/2007	12.5	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**220**	NA
E29	09/21/2006	14	<0.005	<0.005	<0.005	<0.005	<0.005	**6.9**	**200**	<10
E40	09/13/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**190**	NA
E46	03/29/2007	12	<0.005	<0.005	<0.005	<0.005	<0.005	**21**	**180**	< 10
E52	03/28/2007	15.5	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**180**	NA
E38	09/13/2006	12	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**140**	NA
E48	03/28/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	**1.0**	**130**	NA
E49	03/29/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**100**	NA

Table 7B
Detectable Concentrations of Petroleum Hydrocarbons
Deep (>3 meters) Soil Samples
Comparison to Appropriate ESL

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	1,000	5,000	5,000	5,000
Direct Exposure (Const. Worker Trench) ESL			12	650	210	420	2,800	4,200	4,200	12,000
Final Commercial ESL for Soil			2.0	9.3	4.7	11	8.4	180	180	5,000
Final Residential ESL for Soil			2.0	9.3	4.7	11	8.4	180	180	5,000
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
E50	03/28/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**100**	NA
MW-2	08/27/1992	10	<0.005	<0.005	<0.005	<0.005	NA	NA	**83**	<10
E28	09/11/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**58**	NA
E39	09/13/2006	12.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**37**	NA
E35	09/11/2006	18	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**35**	NA
E41	03/28/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**33**	**180**
E47	03/28/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**27**	NA
E25	09/13/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**23**	NA
E34	09/13/2006	12	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**19**	NA
E40	09/13/2006	12	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**18**	NA
E42	03/29/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**17**	**15**
DW-1 (10-11.5')	01/20/2009	10 - 11.5	<0.005	<0.005	<0.005	<0.005	NA	NA	**16**	NA
E49	03/29/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**14**	NA
E47	03/28/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**10**	NA
DW-1 (11.5-13')	01/20/2009	11.5 - 13	<0.005	<0.005	<0.005	<0.005	NA	NA	**8.4**	NA
E31	09/11/2006	14.5	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**8.0**	NA
E43	03/29/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**7.2**	**23**
E33	09/11/2006	16	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**6.9**	NA
E1	09/15/2006	16	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**5.8**	NA
E28	09/11/2006	15	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**5.8**	NA
E4	09/12/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**5.6**	NA
E1	09/15/2006	20	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**5.2**	NA
E31	09/11/2006	16	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**5.0**	NA
E6	09/12/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**4.1**	NA

Table 7B
Detectable Concentrations of Petroleum Hydrocarbons
Deep (>3 meters) Soil Samples
Comparison to Appropriate ESL

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	1,000	5,000	5,000	5,000
Direct Exposure (Const. Worker Trench) ESL			12	650	210	420	2,800	4,200	4,200	12,000
Final Commercial ESL for Soil			2.0	9.3	4.7	11	8.4	180	180	5,000
Final Residential ESL for Soil			2.0	9.3	4.7	11	8.4	180	180	5,000
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							
E52	03/28/2007	10	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**3.4**	NA
E50	03/28/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**3.0**	NA
E43	03/29/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**2.5**	< 10
E37	09/13/2006	15	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**2.4**	NA
E35	09/11/2006	14	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**2.3**	NA
DW-1 (13.5-15')	01/20/2009	13.5 - 15	<0.005	<0.005	<0.005	<0.005	NA	NA	**2.0**	NA
E36	09/11/2006	15	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**1.9**	NA
E45	03/29/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**1.8**	< 10
E2	09/15/2006	16	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.7**	NA
E41	03/28/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**1.7**	< 10
E24	09/22/2006	15	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.6**	NA
E12	09/12/2006	10	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.5**	NA
E17	09/21/2006	19	NA	NA	NA	NA	NA	NA	**1.5**	NA
E29	09/21/2006	16	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.5**	<10
E9	09/21/2006	20	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.3**	NA
E42	03/29/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**1.3**	< 10
E26	09/21/2006	19	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.2**	<10
E35	09/11/2006	21	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**1.2**	NA
E42	03/29/2007	25	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**1.2**	< 10
E46	03/29/2007	15	<0.005	<0.005	<0.005	<0.005	<0.005	< 1.0	**1.2**	< 10
E23	09/22/2006	12	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	**1.1**	NA
E38	09/13/2006	16	<0.005	<0.005	<0.005	<0.005	<0.005	NA	**1.0**	NA

Table 7B
Detectable Concentrations of Petroleum Hydrocarbons
Deep (>3 meters) Soil Samples
Comparison to Appropriate ESL

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

Environmental Screening Levels (mg/kg) Commercial/Industrial Land Use			Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPH-g	TPH-d	TPH-mo
Leaching to Groundwater ESL			2.0	9.3	4.7	11	8.4	180	180	-
Gross Contamination Ceiling ESL			870	650	400	420	1,000	5,000	5,000	5,000
Direct Exposure (Const. Worker Trench) ESL			12	650	210	420	2,800	4,200	4,200	12,000
Final Commercial ESL for Soil			2.0	9.3	4.7	11	8.4	180	180	5,000
Final Residential ESL for Soil			2.0	9.3	4.7	11	8.4	180	180	5,000
Sample Identification	**Collection Date**	**Depth (feet bgs)**	**Sample Concentration (mg/kg)**							

Notes:

mg/kg - Milligrams-per-kilogram

MTBE - Methyl Tertiary Butyl Ether.

TPH-g - Total Petroleum Hydrocarbons quantified as gasoline.

TPH-g * - Laboratory statement that result is not typical of gasoline chromatograph, but possibly light-end diesel fraction.

TPH-d - Total Petroleum Hydrocarbons quantified as diesel.

TPH-mo - Total Petroleum Hydrocarbons quantified as motor oil.

NA - Not Analyzed.

ESL - SFBRWQCB Environmental Screening Levels, Table D-2 (May 2008)

Reported value exceeds associated ESL.

Table 8
Estimate of Residual TPH as Diesel in Soil
(1989 - 2009 Soil Samples)

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

Total Petroleum Hydrocarbons - Diesel in Shallow Soil (<3m)		
Concentration Range	**100 to 500 range**	**Greater than 500**
Area (sq.ft.)	100	950
Unit Weight if Soil (lb/ft^3)	110	110
Impact Thickness (ft.)	7	7
kg/lb Conversion	0.453	0.453
L/Gal Conversion	1	1
Avg. TPH-g Conc. (mg/kg)	370	2,873
Mass Conversion (mg/kg)	0.000001	0.000001
TPH Mass (Kg)	12.91	952.02
Total TPH-g Mass (Kg) in Shallow Soil		**964.93**

Total Petroleum Hydrocarbons - Diesel in Deep Unsaturated Soil (>3m)		
Concentration Range	**180 to 5000 range**	**Greater than 5000**
Area (sq.ft.)	7,425	950
Unit Weight if Soil (lb/ft^3)	110	110
Impact Thickness (ft.)	10	10
kg/lb Conversion	0.453	0.453
L/Gal Conversion	1	1
Avg. TPH-g Conc. (mg/kg)	496	6,300
Mass Conversion (mg/kg)	0.000001	0.000001
TPH Mass (Kg)	1,835.14	2,982.33
Total TPH-g Mass (Kg) in Deep Unsaturated Soil		**4,817.46**

Total TPH-g Mass (Kg) in Unsaturated Soil	**5,782.40**
Total TPH-g Mass (pounds) in Unsaturated Soil	**12,721.27**

Benzene Mass = Area x porosity x g.w. thickness x 7.5 gal/c.f. x 3.785 L/gal x avg. conc. (ug/kg) x 1 E-9 kg/ug

TPH Mass = Area x porosity x g.w. thickness x 7.5 gal/c.f. x 3.785 L/gal x avg. conc. (ug/kg) x 1 E-9 kg/ug

Table 9
Estimate of Residual TPH as Diesel in Groundwater
(July 2009 Groundwater Well Samples)

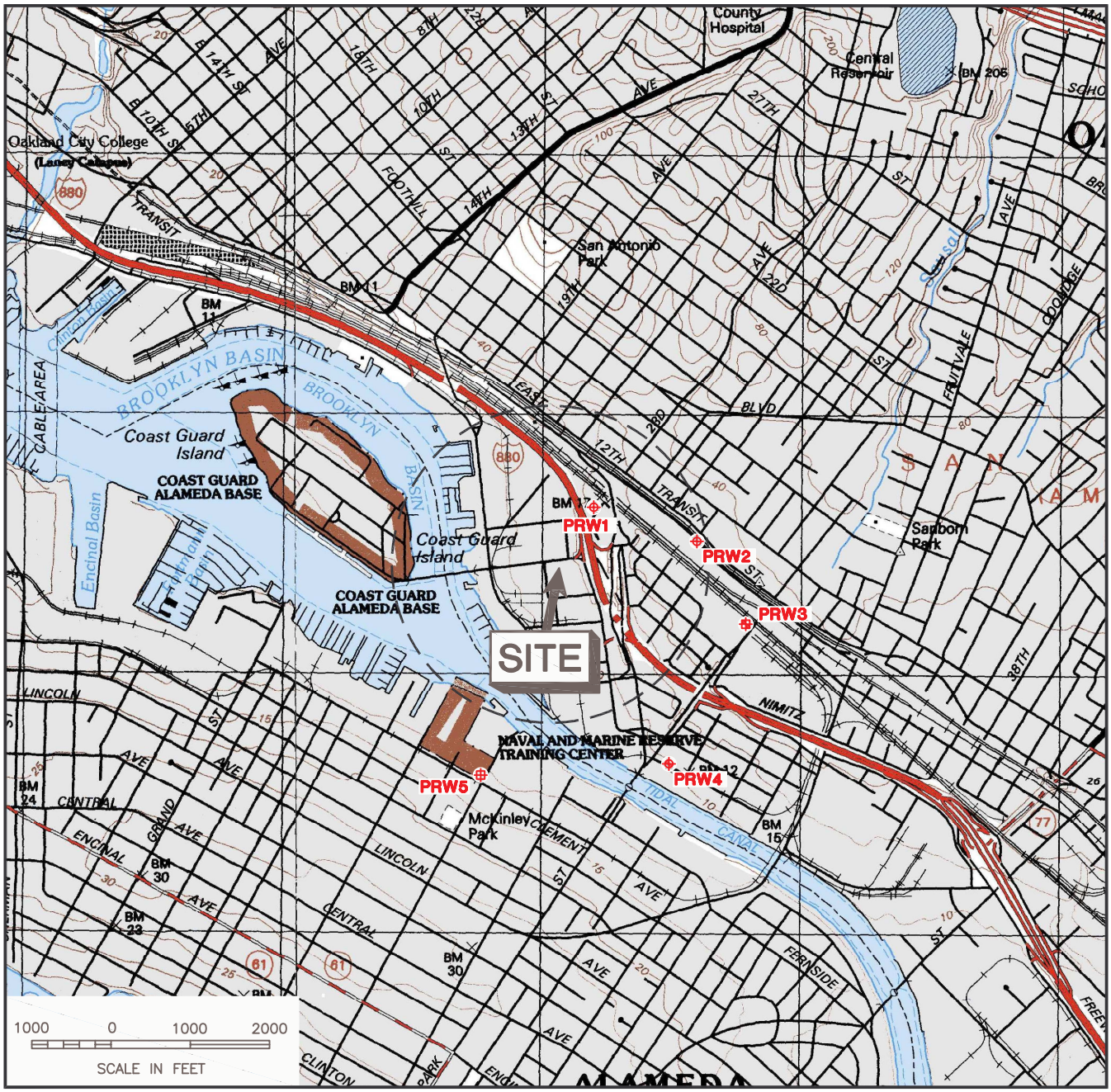
Earthgrains Baking Companies, Inc.
955 Kennedy Street
Oakland, California 94606

Total Petroleum Hydrocarbons - Diesel in Groundwater		
Concentration Range	**1 to 100**	**Greater than 100**
Area (sq.ft.)	2,400	200
Porosity	0.38	0.25
Groundwater Thickness (ft.)	10	20
Gal/c.f. Conversion	7.5	7.5
L/Gal Conversion	3.785	3.785
Avg. TPH Conc. (ug/L)	50	200
Mass Conversion	0.000000001	0.000000001
TPH Mass (Kg)	0.0129	0.0057
Total TPH-g Mass (Kg)		**0.0186**
Total TPH-g Mass (lbs.)		**0.0410**

Benzene Mass = Area x porosity x g.w. thickness x 7.5 gal/c.f. x 3.785 L/gal x avg. conc. (ug/kg) x 1 E-9 kg/ug

TPH Mass = Area x porosity x g.w. thickness x 7.5 gal/c.f. x 3.785 L/gal x avg. conc. (ug/kg) x 1 E-9 kg/ug

FIGURES



Modified from U.S. Geological Survey, Oakland East & West, California, quadrangle, Photorevised 1997 & 1993.

LEGEND

- PRW4 IRRIGATION WELL – STATUS UNKNOWN
- PRW3 INDUSTRIAL WELL – STATUS UNKNOWN
- PRW5 WELL OF UNKNOWN USE – STATUS UNKNOWN
- PRW1 WELL OF UNKNOWN USE – ABANDONED

N

PSC

TITLE:

SITE LOCATION AND WELL SURVEY MAP

DWN:	DES.:	PROJECT NO.: 62402797
TMM	JRC	EARTHGRAINS OAKLAND, CALIFORNIA
CHKD:	APPD:	
DATE: 9/17/09	REV.: 0	FIGURE 1

COL 624\02797C-004

LEGEND

— — — SEARCH RADIUS BOUNDARY

RB RESIDENTIAL BUILDING

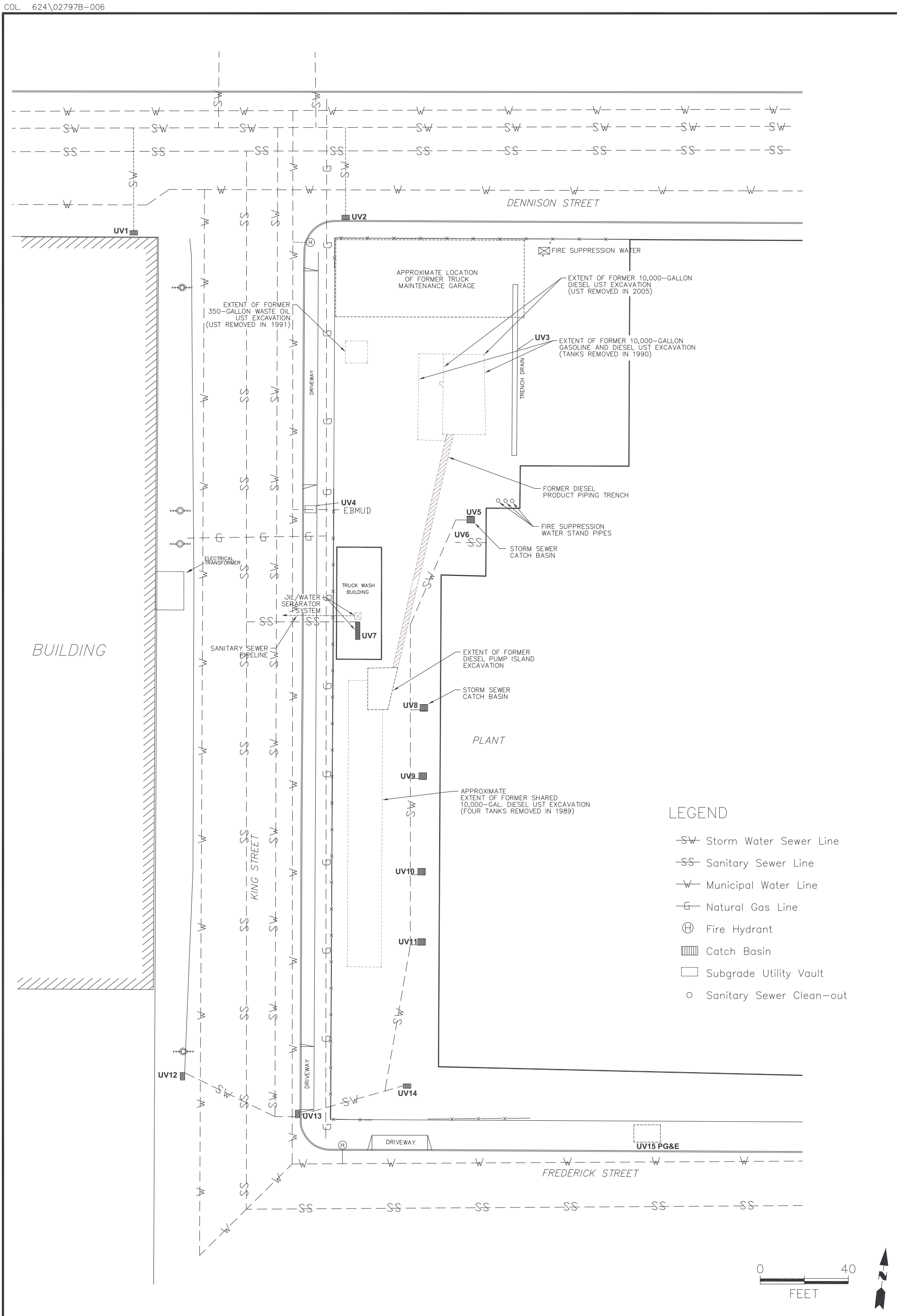
PUA PUBLIC USE AREA

NOT TO SCALE

PSC	TITLE: SITE VICINITY MAP SHOWING RESIDENTIAL BUILDINGS AND PUBLIC USE AREAS	DWN: TMM / DES.: JRC CHKD: / APPD: DATE: 9/17/09 / REV.: 0	PROJECT NO.: 62402797 EARTHGRAINS OAKLAND, CALIFORNIA FIGURE 2

COL 624\02797C-003

COL. 624\02797B-006



PSC

TITLE:

SITE MAP SHOWING SUBSURFACE UTILITIES

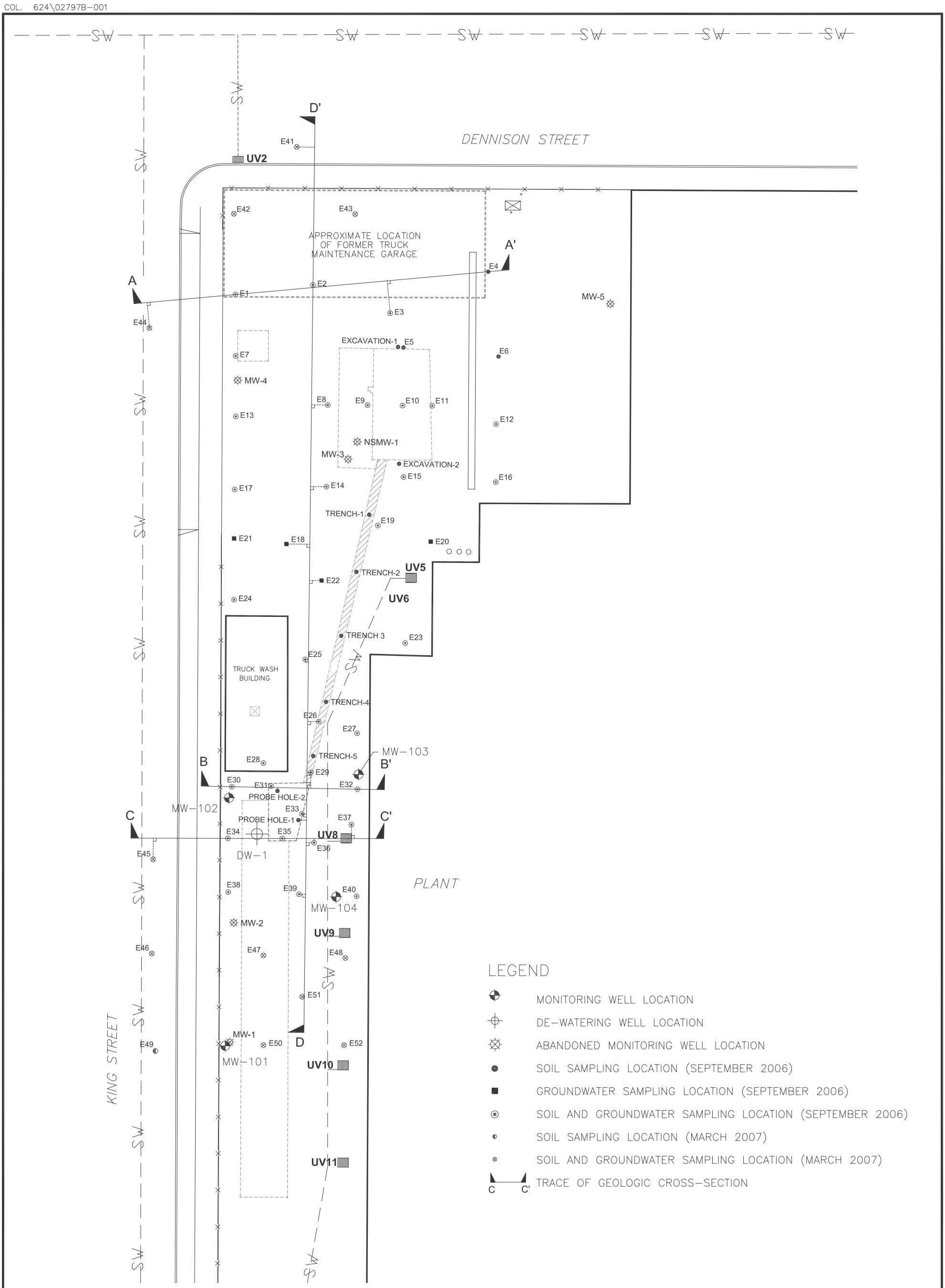
DWN:	DES.:
TMM	JRC
CHKD:	APPD:
DATE: 9/17/09	REV.: 0

PROJECT NO.: 62402797

EARTHGRAINS
OAKLAND, CALIFORNIA

FIGURE 3

COL. 624\02797B-001



LEGEND

- MONITORING WELL LOCATION
- DE-WATERING WELL LOCATION
- ABANDONED MONITORING WELL LOCATION
- 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)
- C — C' TRACE OF GEOLOGIC CROSS-SECTION

0 30
FEET

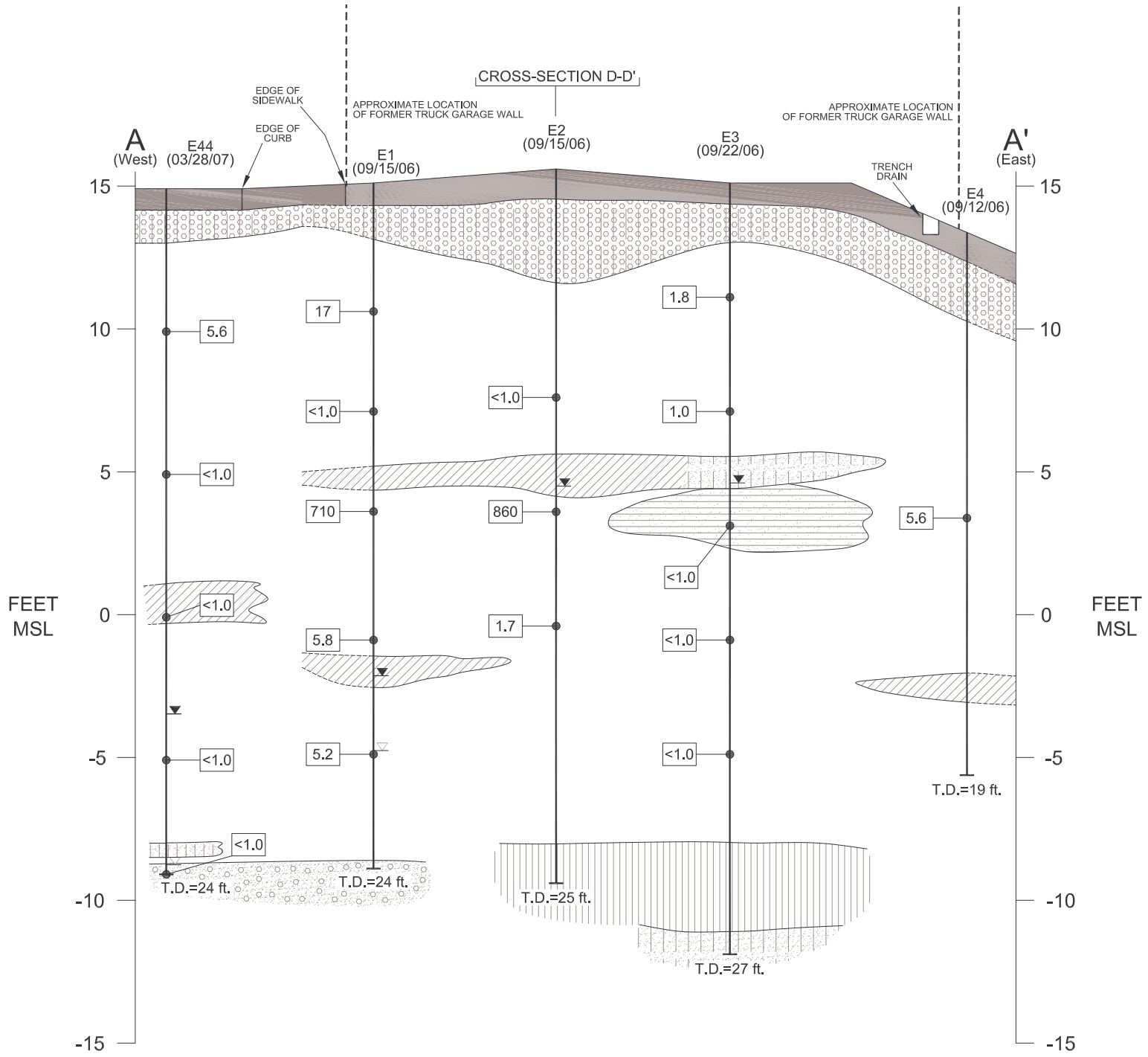
PSC

TITLE:
HISTORICAL SAMPLING LOCATION MAP

DWN:	DES.:
TMM	JRC
CHKD:	APPD:
DATE:	REV.:
9/17/09	0

PROJECT NO.: 62402797
EARTHGRAINS
OAKLAND, CALIFORNIA

FIGURE 4



LEGEND

Boring — Boring ID

Soil Sample — TPH-d — Analytical Data for Soil

Static Groundwater Level

First Encountered Groundwater (during drilling) — TPH-d — Analytical Data for Groundwater Monitoring Well

Bottom of Boring

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

TPH-d	Total Petroleum Hydrocarbons quantified as diesel
NA	Not Analyzed
T.D.	Total Depth of Boring
MSL	Mean Sea Level

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.

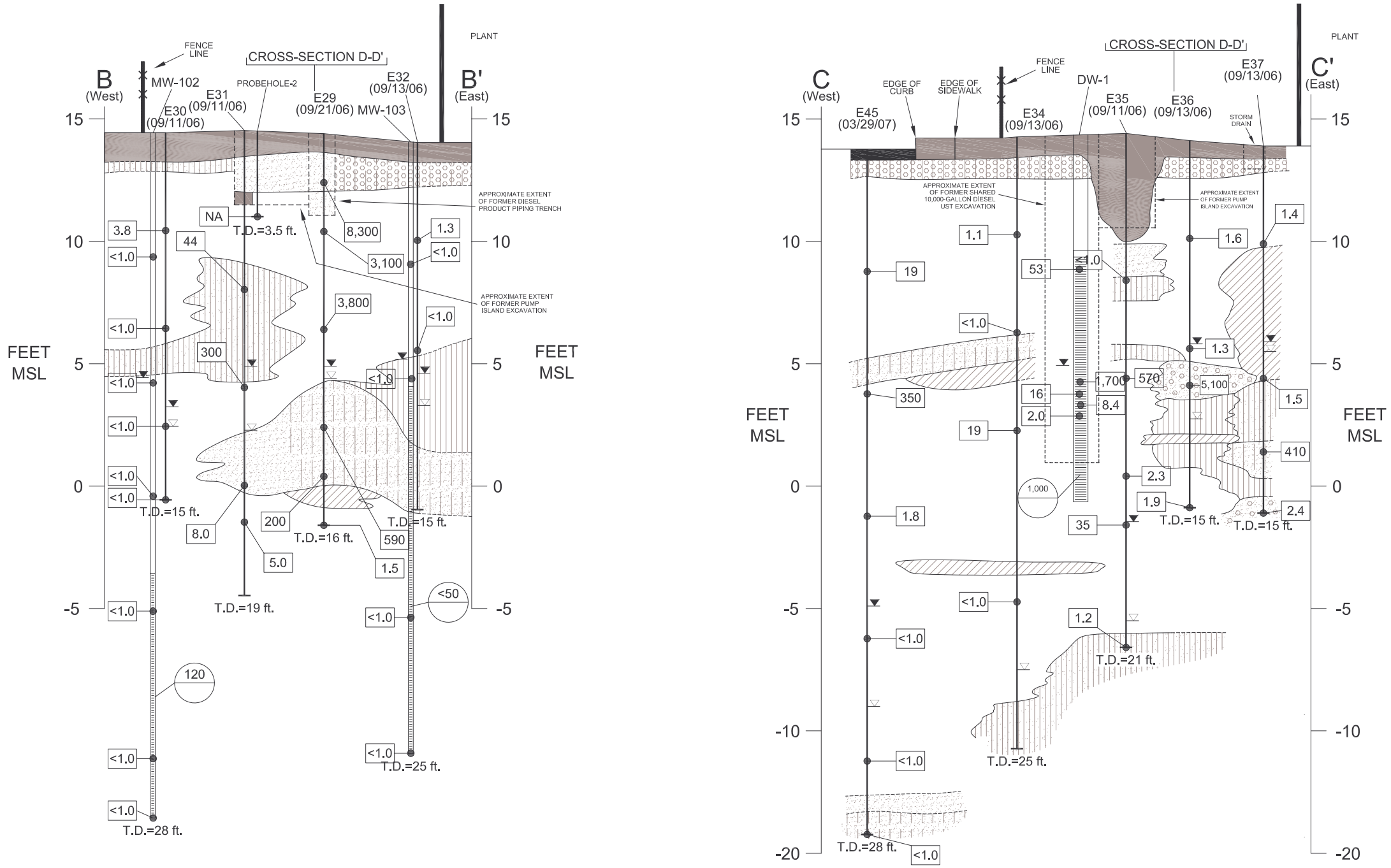
HORIZONTAL SCALE IN FEET
0 20
0 5
VERTICAL SCALE IN FEET

COL. 624\02797B-007

PSC

TITLE:
GEOLOGIC CROSS-SECTION A-A'

DWN: TMM	DES: JRC	PROJECT NO: 62402797 EARTHGRAINS OAKLAND, CALIFORNIA	
CHKD:	APPD:		
DATE: 9/17/09	REV: 0	FIGURE 5	

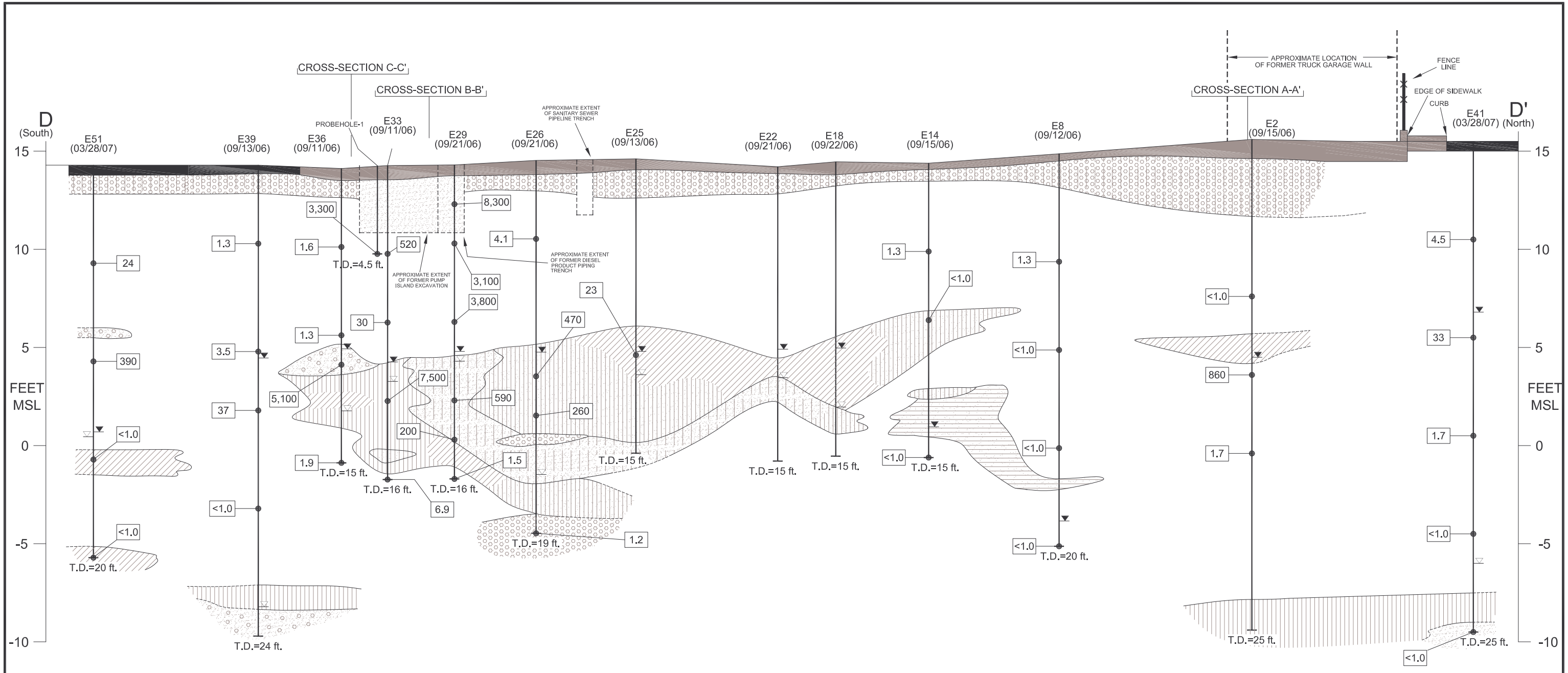


COL. 624\02797B-002

PSC

TITLE:
GEOLOGIC CROSS-SECTIONS B-B' AND C-C'

DWN:	DES:	PROJECT NO: 62402797
TMM	JRC	EARTHGRAINS OAKLAND, CALIFORNIA
CHKD:	APPD:	
DATE: 9/17/09	REV: 0	FIGURE 6



LEGEND

Boring — Boring ID

Soil Sample — TPH–d — Analytical Data for Soil

Static Groundwater Level

First Encountered Groundwater (during drilling) — TPH–d — Analytical Data for Groundwater Monitoring Well

Bottom of Boring

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

TPH-d	Total Petroleum Hydrocarbons quantified as diesel
NA	Not Analyzed
T.D.	Total Depth of Boring
MSL	Mean Sea Level

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.

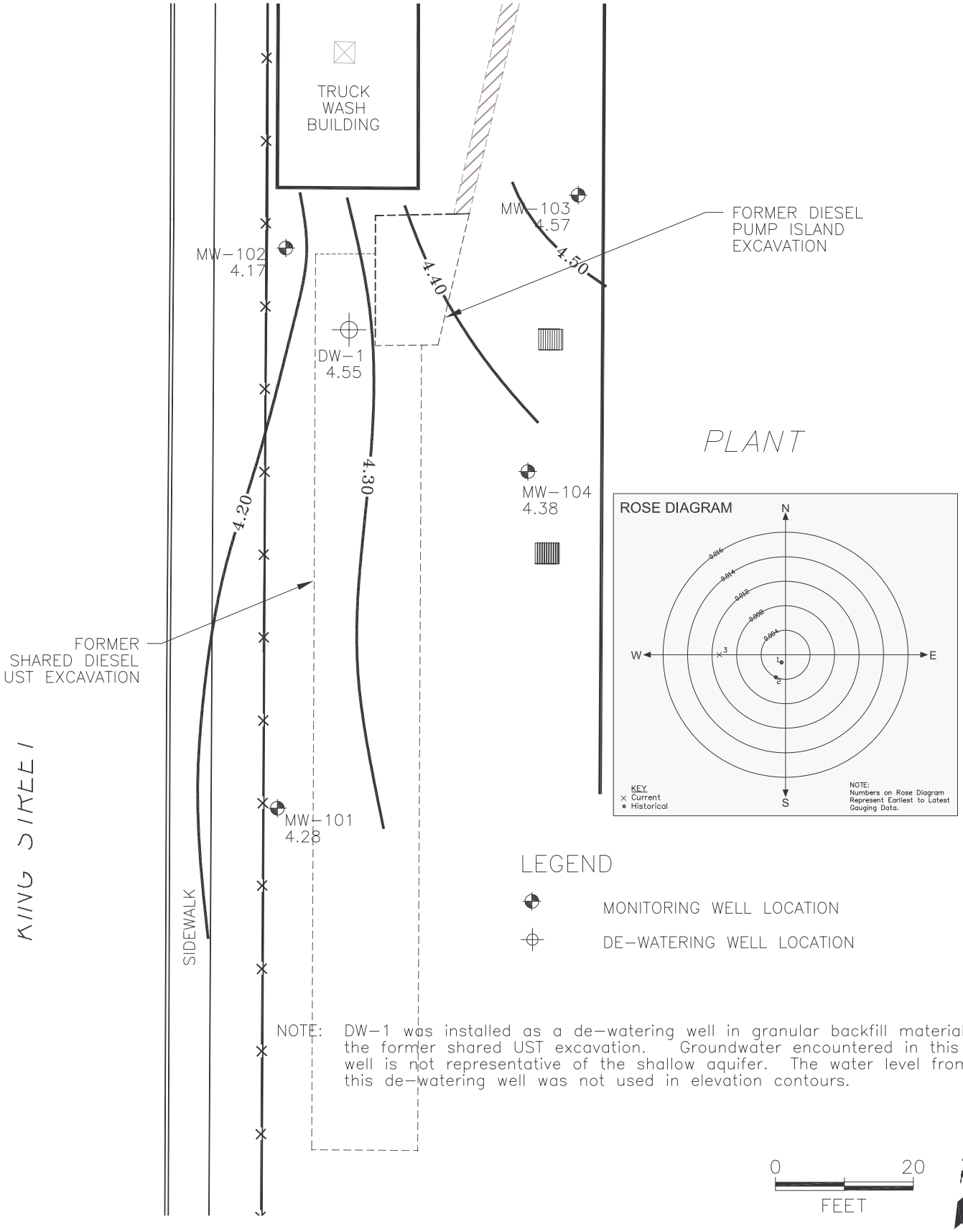
HORIZONTAL SCALE IN FEET
0 20
0 5
VERTICAL SCALE IN FEET

PSC

TITLE:
GEOLOGIC CROSS–SECTION D–D'

DWN: TMM	DES: JRC	PROJECT NO: 62402797	
CHKD:	APPD:	EARTHGRAINS OAKLAND, CALIFORNIA	
DATE: 9/17/09	REV: 0	FIGURE 7	

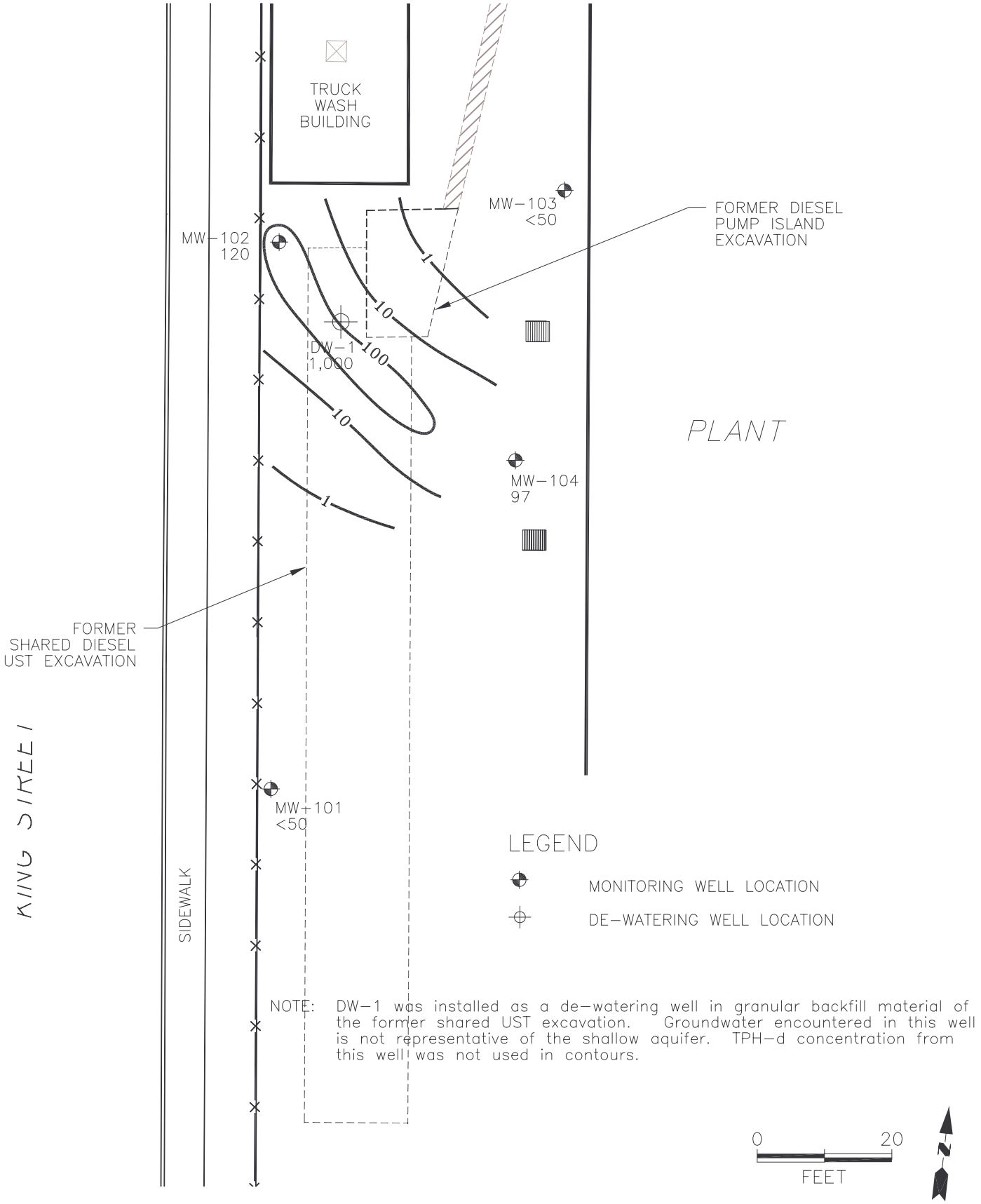
COL. 624\02797B-008



NOTE: DW-1 was installed as a de-watering well in granular backfill material of the former shared UST excavation. Groundwater encountered in this well is not representative of the shallow aquifer. The water level from this de-watering well was not used in elevation contours.

PSC	TITLE: GROUNDWATER ELEVATION CONTOUR MAP JULY 22, 2009	DWN: TMM / DES.: JRC CHKD: / APPD: DATE: 9/17/09 / REV.: 0	PROJECT NO.: 62402797 EARTHGRAINS OAKLAND, CALIFORNIA FIGURE 8

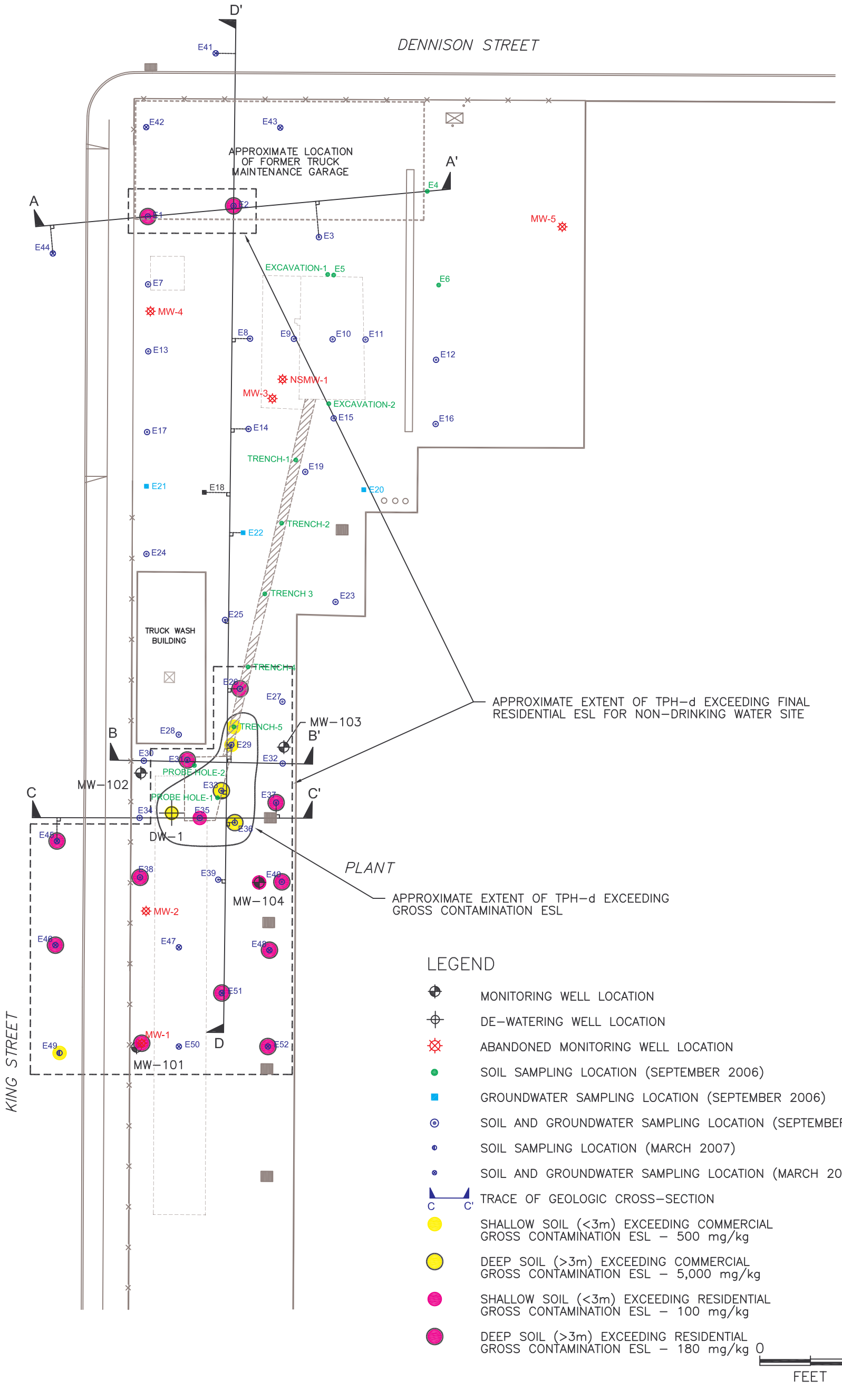
COL 624\02797B-009



PSC	TITLE: TPH-d IN GROUNDWATER ISOCONCENTRATION MAP JULY 22, 2009	DWN: TMM / DES.: JRC CHKD: / APPD: DATE: 9/11/09 / REV.: 0	PROJECT NO.: 62402797 EARTHGRAINS OAKLAND, CALIFORNIA FIGURE 9

COL 624\02797B-010

COL. 624\02797B-011



PSC

TITLE:

RESIDUAL PETROLEUM HYDROCARBONS IN SOIL

DWN:	DES.:	PROJECT NO.: 62402797
TMM	JRC	EARTHGRAINS
CHKD:	APPD:	OAKLAND, CALIFORNIA
DATE: 9/17/09	REV.: 0	FIGURE 10

APPENDIX A

HISTORICAL SOIL BORING LOGS

APPENDIX B

SUBSURFACE INVESTIGATION DATA
JANUARY 2009

APPENDIX C

SOIL SAMPLE ANALYTICAL DATA
JANUARY 2009

APPENDIX D

GROUNDWATER SAMPLE ANALYTICAL DATA
JANUARY, APRIL, JULY 2009

BOUND COPY CONTINUED (2 OF 2)

TIER 1 RISK ASSESSMENT AND NO FURTHER ACTION REQUEST REPORT

EARTHGRAINS BAKING COMPANIES, INC.
955 Kennedy Street
Oakland, California 94606

RO #0002569

September 17, 2009

Prepared By:

PSC INDUSTRIAL OUTSOURCING, LP
210 West Sand Bank Road
Columbia, Illinois 62236-1044

Project 62402797

APPENDIX A

HISTORICAL SOIL BORING LOGS

BORING LOG

BURLINGTON ENVIRONMENTAL INC.

Project Number: CTI-106
Kilpatrick's Bakeries
955 Kennedy Street, Oakland, CA
Drawing No.: A1041201 Page: 1 of 2

MONITORING WELL No.: MW-1
TOP OF CASING ELEV.: 99.34 ft.
TOTAL BORING DEPTH: 31.00 ft.
BY: K. Rahman DATE: 8/27/92

Pocket penetrometer TSF	Recovery (in/in)	Blow Count (blows/6")	Sample Depth (feet)	Well Detail	Stratigraphic Column	Description
			0		CONC	**CONCRETE**
					FILL	**FILL,** Pea gravel.
					CL	**SILTY CLAY (CL),** Mottled dark olive gray (5 Y, 3/2) and olive (5 Y, 5/6); 95–100% low to moderate plasticity fines; trace fine sand; some Fe-oxide staining; very stiff; damp; no odor.
2.75	14/18	5				
		5	5			
2.5		7				
						8/31/92 ▼
2.25	18/18	6	10			
		8				**@10 ft.** Very dark gray (5 Y, 3/1); stiff; damp; moderate petroleum hydrocarbon odor. [PID = 192 ppm]
1.5		10				
					ML	
2.5	18/18	6	15			
		5				**CLAYEY SILT (ML),** Mottled olive (5 Y, 5/3); and olive (5 Y, 5/6); 95–100% low to moderate plasticity fines; trace fine sand; some Fe-oxide staining; some rootholes; very stiff; damp; no odor.
2.0		8				
					SW	**GRAVELLY SAND (SW),** Mottled olive (5 Y, 5/3) and olive (5 Y, 5/6); 60–70% fine to coarse sand; 20–30% fine to medium gravel; trace to 10% low plasticity fines; medium dense; wet; no odor.
		4	20			▽

Notes: Boring drilled using eight-inch diameter hollow-stem augers. Soil samples collected at the above-noted intervals using a two-inch diameter modified-California split-spoon sampler. The 25 to 31 foot interval was backfilled with bentonite pellets. A groundwater monitoring well was installed using two-inch diameter schedule 40 polyvinyl chloride casing screened with 0.010-inch machine slot (see Well Detail). The well-head was surveyed to site datum.

BURLINGTON ENVIRONMENTAL INC.

BORING LOG

Project Number: CTI-106
Kilpatrick's Bakeries
955 Kennedy Street, Oakland, CA
Drawing No.: A1041202 Page: 2 of 2

MONITORING WELL No.: MW-1
TOP OF CASING ELEV.: 99.34 ft.
TOTAL BORING DEPTH: 31.00 ft.
BY: K. Rahman DATE: 8/27/92

Pocket penetrometer TSF	Recovery (in/in)	Blow Count (blows/6")	Sample Depth (feet)	Well Detail	Stratigraphic Column	Description
	14/18	6 8	20		SW	GRAVELLY SAND (SW), Continued.
	18/18	6 9	25		CL	SILTY CLAY (CL), Olive (5 Y, 5/4); 95–100% low to moderate plasticity fines; trace fine sand; some Fe-oxide staining; some Mn-oxide staining; hard; damp; no odor.
4.5		12				
2.75	18/18	7 12	30			@ 30 ft. Very stiff; damp; no odor.
3.5		14				BORING TERMINATED AT 29.5 ft. AND SAMPLED TO 31 ft.
			35			
			40			

David C. Kitt; RG#4603; Exp. 6/30/94

Notes: Boring drilled using eight-inch diameter hollow-stem augers. Soil samples collected at the above-noted intervals using a two-inch diameter modified-California split-spoon sampler. The 25 to 31 foot interval was backfilled with bentonite pellets. A groundwater monitoring well was installed using two-inch diameter schedule 40 polyvinyl chloride casing screened with 0.010-inch machine slot (see Well Detail). The well-head was surveyed to site datum.

BORING LOG

BURLINGTON ENVIRONMENTAL INC.

Project Number: CTI–106
Kilpatrick's Bakeries
955 Kennedy Street, Oakland, CA
Drawing No.: A1041203 Page: 1 of 2

MONITORING WELL No.: MW–2
TOP OF CASING ELEV.: 99.90 ft.
TOTAL BORING DEPTH: 29.5 ft.
BY: K. Rahman DATE: 8/27/92

Pocket penetrometer TSF	Recovery (in/in)	Blow Count (blows/6")	Sample Depth (feet)	Well Detail	Stratigraphic Column	Description
			0		CONC.	CONCRETE.
					FILL	FILL.
					CL	GRAVELLY CLAY (CL), Mottled dark olive gray (5 Y, 3/2) and olive (5 Y, 5/4); 80–90% low to moderate plasticity fines; 10–15% fine gravel; trace fine to coarse sand; hard; dry; no odor.
	12/18	7				
		8	5			
>4		11				
			8/31/92 ▽		CL	CLAY (CL), Black (5 Y, 2.5/1); 95–100% moderate plasticity fine; trace fine to medium sand; very stiff; damp; moderate odor. [PID = 147 ppm]
3.25	18/18	6				
		7	10			
2.5		8			ML	CLAYEY SILT (ML), Mottled olive (5 Y, 5/3) and olive (5 Y, 5/6); 95–100% low to moderate plasticity fines; trace fine sand; some Fe–oxide staining; very stiff; damp; faint petroleum hydrocarbon odor.
3.25	18/18	5				@ 12 ft. Some rootholes; very stiff; damp (wet rootholes); no odor.
		11				
		13				
2.5	18/18	6				@14.5 ft. Some rootholes; very stiff; damp (wet rootholes); no odor.
		6	15			
3.25		7				
2.75	18/18	6				@ 17 ft. Some rootholes; very stiff; damp (wet rootholes); no odor.
		6				
		7				
			▽			@ 19.5 ft. Trace fine gravel; stiff; moist; no odor.
2.0	18/18	6	20			

Notes: Boring drilled using eight–inch diameter hollow–stem augers. Soil samples collected at the above–noted intervals using a two–inch diameter modified–California split–spoon sampler. A groundwater monitoring well was installed using two–inch diameter schedule 40 polyvinyl chloride casing screened with 0.010 inch machine slot (see Well Detail). The well–head was surveyed to site datum.

BORING LOG

BURLINGTON ENVIRONMENTAL INC.

Project Number: CTI–106
Kilpatrick's Bakeries
955 Kennedy Street, Oakland, CA
Drawing No.: A1041204 Page: 2 of 2

MONITORING WELL No.: MW–2
TOP OF CASING ELEV.: 99.90 ft.
TOTAL BORING DEPTH: 29.50 ft.
BY: K. Rahman DATE: 8/27/92

Pocket pene–trometer TSF	Re–covery (in/in)	Blow Count (blows /6")	Sample Depth (feet)	Well Detail	Strati–graphic Column	Description
		7	20		SM	SILTY SAND (SM), Mottled grayish brown (2.5 Y, 5/2) and light olive brown (2.5 Y, 5/6); 70–80% fine to coarse sand; 20–30% low plasticity fines; medium dense; wet; no odor.
		11				
–	18/18	10			GW	SANDY GRAVEL (GW), Mottled grayish brown (2.5 Y, 5/2) and light olive brown (2.5 Y, 5/6); 60–70% fine to medium gravel; 20–30% fine to coarse sand; trace to 10% low plasticity fines; some Fe–oxide staining; dense; wet; no odor.
		13	25			
		20				
		4				
		5				
		5				
2.5	18/18	4			CL	SILTY CLAY (CL), Olive (5 Y, 5/4); 95–100% low to moderate plasticity fines; trace fine sand; trace Fe–oxide staining; some Mn–oxide staining; very stiff; moist; no odor.
		10				
		12	30			BORING TERMINATED AT 29.5 ft.
			35			
			40			

David A. Fitch; RG#4603; Exp. 6/30/94

Notes: Boring drilled using eight–inch diameter hollow–stem augers. Soil samples collected at the above–noted intervals using a two–inch diameter modified–California split–spoon sampler. A groundwater monitoring well was installed using two–inch diameter schedule 40 polyvinyl chloride casing screened with 0.010 inch machine slot (see Well Detail). The well–head was surveyed to site datum.

BORING LOG

BURLINGTON ENVIRONMENTAL INC.

Project Number: CTI–106
Kilpatrick's Bakeries
955 Kennedy Street, Oakland, CA
Drawing No.: A1041205 Page: 1 of 2

MONITORING WELL No.: MW–3
TOP OF CASING ELEV.: 99.62 ft.
TOTAL BORING DEPTH: 27.00 ft.
BY: K. Rahman DATE: 8/26/92

Pocket pene–trometer TSF	Re–covery (in/in)	Blow Count (blows /6")	Sample Depth (feet)	Well Detail	Strati–graphic Column	Description
			0		CONC.	CONCRETE
					FILL	FILL, Pea gravel.
					SP	SAND (SP), Olive (5 Y, 4/4); 90–95% fine to me–dium sand; 5–10% low plasticity fines; micaceous; medium dense; damp; no odor.
–	15/18	6	5			
		6				
		6				
2.0	18/18	4			CL	SANDY CLAY (CL), Mottled olive (5 Y, 4/3) and olive (5 Y, 5/4); 70–80% moderate plasticity fines; 20–30% fine to medium sand; some Fe–oxide staining; stiff; damp; no odor.
		6	8/31/92			
		7	▼			
			10			
					CL	CLAY (CL), Mottled olive (5 Y, 4/3), olive (5 Y, 5/4) and olive gray (5 Y, 5/2); 95–100% moderate plasticity fines; trace fine sand; some Fe–oxide stained rootholes; very stiff; damp (wet rootholes); no odor.
		6				
3.5		9	15			
		14				
	4/18	6				
		6				
		12				
						@ 20': Grayish brown (2.5 Y, 5/2); 90–95% moderate plasticity fines; trace fine sand; trace fine gravel; abundant Fe–oxide staining; very stiff; damp; no odor.
3.25	18/18	5	20			

Notes: Boring drilled using eight–inch diameter hollow–stem augers. Soil samples collected at the above–noted intervals using a two–inch diameter modified–California split–spoon sampler. A groundwater monitoring well was installed using two–inch diameter schedule 40 polyvinyl chloride casing screened with 0.010 inch machine slot (see Well Detail). The well–head was surveyed to site datum.

BORING LOG

BURLINGTON ENVIRONMENTAL INC.

Project Number: CTI-106
Kilpatrick's Bakeries
955 Kennedy Street, Oakland, CA
Drawing No.: A1041206 Page: 2 of 2

MONITORING WELL No.: MW-3
TOP OF CASING ELEV.: 99.62 ft.
TOTAL BORING DEPTH: 27.00 ft.
BY: K. Rahman DATE: 8/26/92

Pocket pene-trometer TSF	Re-covery (in/in)	Blow Count (blows /6")	Sample Depth (feet)	Well Detail	Strati-graphic Column	Description
		7	20		CL	SILTY CLAY (CL), Light olive gray (5 Y, 6/2); 95–100% low to moderate plasticity fines; trace fine sand; abundant Fe-oxide staining; stiff; moist; no odor.
1.5		8				
					ML	
3.0	18/18	7				SILT (ML), Very dark grayish brown (2.5 Y, 3/2); 95–100% low plasticity fines; trace fine sand; trace fine gravel; trace Fe-oxide staining; very stiff; damp; no odor.
		8			CL	
1.5		15				SILTY CLAY (CL), Light olive brown (2.5 Y, 5/4); 90–95% low to moderate plasticity fines; 5–10% fine sand; abundant Fe-oxide staining; stiff; very moist; no odor.
			25		GP	SANDY GRAVEL (GP), Olive (5 Y, 5/4); 60–70% fine to medium gravel; 25–35% fine to medium sand; trace low plasticity fines; dense; wet; no odor.
–	6/18	11				
		12				BORING TERMINATED AT 27 ft.
		24				
			30			
			35			
			40			

David C. Fyfe; RG#4603; Exp. 6/30/94

Notes: Boring drilled using eight-inch diameter hollow-stem augers. Soil samples collected at the above-noted intervals using a two-inch diameter modified-California split-spoon sampler. A groundwater monitoring well was installed using two-inch diameter schedule 40 polyvinyl chloride casing screened with 0.010 inch machine slot (see Well Detail). The well-head was surveyed to site datum.

BORING LOG

BURLINGTON ENVIRONMENTAL INC.

Project Number: CTI–106
Kilpatrick's Bakeries
955 Kennedy Street, Oakland, CA
Drawing No.: A1041207 Page: 1 of 2

MONITORING WELL No.: MW–4
TOP OF CASING ELEV.: 100.74 ft.
TOTAL BORING DEPTH: 34.00 ft.
BY: K. Rahman DATE: 8/27/92

Pocket penetrometer TSF	Recovery (in/in)	Blow Count (blows /6")	Sample Depth (feet)	Well Detail	Stratigraphic Column	Description
			0		CONC.	CONCRETE
					FILL	FILL, Pea gravel.
			5		CL	SANDY CLAY (CL), Mottled dark olive gray (5 Y, 3/2) and olive (5 Y, 4/3); 85–90% moderated plasticity fines; 10–15% fine sand; stiff; damp; no odor. (Based on soils encountered in borehole B–1, located eight feet northeast).
			8/31/92 10			
2.25	18/18	4				SILTY CLAY (CL), Mottled dark olive gray (5 Y, 3/2) and olive (5 Y, 4/3); 90–100% low to moderate plasticity fines; trace fine sand; trace fine gravel; some Fe–oxide staining; some rootholes; stiff; damp; no odor.
		5				
1.75		5				
			15			
2.25	18/18	4				@ 16 ft. Very stiff; damp; no odor.
		5				
2.75		7				
			20			

Notes: Boring drilled using eight–inch diameter hollow–stem augers. Soil samples collected at the above–noted intervals using a two–inch diameter modified–California split–spoon sampler. A groundwater monitoring well was installed using two–inch diameter schedule 40 polyvinyl chloride casing screened with 0.010 inch machine slot (see Well Detail). The well–head was surveyed to site datum.

BORING LOG

BURLINGTON ENVIRONMENTAL INC.

Project Number: CTI-106
Kilpatrick's Bakeries
955 Kennedy Street, Oakland, CA
Drawing No.: A1041208 Page: 2 of 2

MONITORING WELL No.: MW-4
TOP OF CASING ELEV.: 100.74 ft.
TOTAL BORING DEPTH: 34.00 ft.
BY: K. Rahman DATE: 8/27/92

Pocket penetrometer TSF	Recovery (in/in)	Blow Count (blows/6")	Sample Depth (feet)	Well Detail	Stratigraphic Column	Description
2.0	18/18	4 8 12	20		CL	SILTY CLAY (CL), Continued.
					SM	SILTY SAND (SM), Olive (5 Y, 5/3); 70–80% fine sand; 20–30% low plasticity fines; some Fe-oxide staining; medium dense; moist; no odor.
			25		SW	GRAVELLY SAND (SW), Olive (5 Y, 5/3); 60–70% fine to medium sand; 20–30% fine gravel; trace to 10% low plasticity fines; medium dense; wet; no odor.
–	10/12	20 50	30		GW	SANDY GRAVEL (GW), Olive (5 Y, 5/3); 80–90% fine to coarse gravel; 5–15% fine to coarse sand; trace low plasticity fines; trace Fe-oxide staining; dense; wet; no odor.
–	10/12	17 50	35			BORING TERMINATED AT 34 ft.
			40			David C. Rigler; RG#4603; Exp. 6/30/94

Notes: Boring drilled using eight-inch diameter hollow-stem augers. Soil samples collected at the above-noted intervals using a two-inch diameter modified-California split-spoon sampler. A groundwater monitoring well was installed using two-inch diameter schedule 40 polyvinyl chloride casing screened with 0.010 inch machine slot (see Well detail). The well-head was surveyed to site datum.

BORING LOG

BURLINGTON ENVIRONMENTAL INC.

Project Number: CTI–106
Kilpatrick's Bakeries
955 Kennedy Street, Oakland, CA
Drawing No.: A1041209 Page: 1 of 2

MONITORING WELL No.: MW–5
TOP OF CASING ELEV.: 103.09 ft.
TOTAL BORING DEPTH: 34.00 ft.
BY: K. Rahman DATE: 8/26/92

Pocket pene–trometer TSF	Re–covery (in/in)	Blow Count (blows /6")	Sample Depth (feet)	Well Detail	Strati–graphic Column	Description
			0		CONC.	CONCRETE.
					FILL	FILL, Pea gravel/silt.
						@ 3': FILL, Clayey sand, olive brown (2.5 YR, 4/4); 60–70% fine to medium sand; 30–40% moderate plasticity fines; abundant Fe–oxide staining; medium dense; damp; no odor.
	18/18	6			ML	
		12	5			
3.5		13				CLAYEY SILT (ML), Mottled black (2.5 Y, 2/) and dark grayish brown (2.5 Y, 4/2); 95–100% low to moderate plasticity fines; trace fine sand; trace Fe–oxide staining; very stiff; dry; no odor.
3.5		6				
	18/18	8			ML	
3.0		14	10			GRAVELLY SILT (ML), Very dark grayish brown (2.5 Y, 3/2); 65–75% low to moderate plasticity fines; 20–30% fine to coarse gravel; trace fine to medium sand; some Fe–oxide staining; damp; very very stiff; no odor.
						8/31/92 ▼
3.0	18/18	5				
		18	15		CL	
3.0		23				CLAY (CL), Olive brown (2.5 Y, 4/4); 95–100% moderate plasticity fines; trace fine sand; damp; very stiff; no odor.
2.0		8	20			@ 20 ft. Some organic material; damp; stiff; no odor.

Notes: Boring drilled using eight–inch diameter hollow–stem augers. Soil samples collected at the above–noted intervals using a two–inch diameter modified–California split–spoon sampler. A groundwater monitoring well was installed using two–inch diameter schedule 40 polyvinyl chloride casing screened with 0.010 inch machine slot (see Well Detail). The well–head was surveyed to site datum.

BORING LOG

BURLINGTON ENVIRONMENTAL INC.

Project Number: CTI-106
Kilpatrick's Bakeries
955 Kennedy Street, Oakland, CA
Drawing No.: A1041210 Page: 2 of 2

MONITORING WELL No.: MW-5
TOP OF CASING ELEV.: 103.09 ft.
TOTAL BORING DEPTH: 34.00 ft.
BY: K. Rahman DATE: 8/26/92

Pocket penetrometer TSF	Recovery (in/in)	Blow Count (blows/6")	Sample Depth (feet)	Well Detail	Stratigraphic Column	Description
	8/18	15	20		CL	CLAY (CL), Continued.
2.25		15				
2.0		5				
	14/18	19	25		SW	GRAVELLY SAND (SW), Light olive brown (2.5 Y, 5/4); 70–80% fine to coarse sand; 15–25% fine to medium gravel; trace low plasticity fines; dense; wet; no odor.
		25				
		12			GW	SANDY GRAVEL (GW), Light olive brown (2.5 Y, 5/4); 80–90% fine to coarse gravel; 10–20% fine to coarse sand; dense; wet; no odor.
	14/18	15				
		20				
	8/12	20				
		50			SW	SAND (SW), Light olive brown (2.5 Y, 5/4) 95–100% fine to coarse sand; trace low plasticity fines; dense; wet; no odor.
	10/16	25	30			
		50			SW	GRAVELLY SAND (SW), Light olive brown (2.5 Y, 5/4); 70–80% fine to coarse sand; 15–25% fine to medium gravel; trace low plasticity fines; dense; wet no odor.
		21				
	14/18	25				
		18				
		7			ML	CLAYEY SILT (ML), Light yellowish brown (2.5 Y, 6/4); 95–100% low to moderate plasticity fines; trace fine sand; some Mn-oxide; stiff; damp; no odor.
	18/18	8				
2.25		18	35			BORING TERMINATED AT 34.0 ft.
						David C. Foltz, RG# 4603, Exp. 6/30/94
			40			

Notes: Boring drilled using eight-inch diameter hollow-stem augers. Soil samples collected at the above-noted intervals using a two-inch diameter modified-California split-spoon sampler. A groundwater monitoring well was installed using two-inch diameter schedule 40 polyvinyl chloride casing screened with 0.010 inch machine slot (see Well Detail). The well-head was surveyed to site datum.

BORING LOG

BURLINGTON ENVIRONMENTAL INC.

Project Number: CTI-106
Kilpatrick's Bakeries
955 Kennedy Street, Oakland, CA
Drawing No.: A1041211 Page: 1 of 2

SOIL BORING WELL No.: B-1
TOP OF CASING ELEV.: –
TOTAL BORING DEPTH: 34.00 ft.
BY: K. Rahman DATE: 8/26/92

Pocket penetrometer TSF	Recovery (in/in)	Blow Count (blows/6")	Sample Depth (feet)	Well Detail	Stratigraphic Column	Description
			0		CONC.	**CONCRETE.**
					FILL	**FILL,** Pea gravel.
					CL	**SANDY CLAY (CL),** Mottled dark olive gray (5 Y, 3/2) and olive (5 Y, 4/3); 85–90% moderate plasticity fines; 10–15% fine sand; stiff; damp; no odor.
–	0/18	6 7 9	5			
2.25	12/18	5 9 10	10			**@10 ft.** Gravel lense; dry; no odor.
					CL	**SILTY CLAY (CL),** Mottled dark olive gray (5 Y, 3/2) and olive (5 Y, 4/3); 95–100% low to moderate plasticity fines; trace fine sand; trace fine gravel; some Fe-oxide staining; some rootholes; very stiff; dry; no odor.
3.0 2.75	18/18	5 5 13	15			
2.25		8	20			**@ 20 ft.** Very stiff; damp; no odor.

Notes: Boring drilled using eight-inch diameter hollow-stem augers. Soil samples collected at five-foot intervals using a two-inch diameter modified-California split-spoon sampler. While sampling the 29.5 foot interval, the downhole hammer was lost. The boring was drilled to 34 feet in an attempt to plug the augers with soil. The downhole hammer was subsequently sealed in place with bentonite-cement grout.

BORING LOG

BURLINGTON ENVIRONMENTAL INC.

Project Number: CTI-106
Kilpatrick's Bakeries
955 Kennedy Street, Oakland, CA
Drawing No.: A1041212 Page: 2 of 2

SOIL BORING WELL No.: B-1
TOP OF CASING ELEV.: –
TOTAL BORING DEPTH: 34.00 ft
BY: K. Rahman DATE: 8/26/92

Pocket penetrometer TSF	Recovery (in/in)	Blow Count (blows/6")	Sample Depth (feet)	Well Detail	Stratigraphic Column	Description
3.0	18/18	8 11	20		CL	SILTY CLAY (CL), Continued.
			8/26/92			
1.75		15	25			@ 24.5 ft.: Gravelly clay; stiff; damp; no odor.
	18/18	24 40			GW	SANDY GRAVEL (GW), Olive (5 Y, 5/3); 80–90% fine to medium gravel; 5–15% fine to coarse sand; trace low plasticity fines; trace Fe-oxide staining; dense; wet; no odor.
			30			
						BORING TERMINATED AT 34 ft.
			35			
			40			

David K. Rahman; RG#4603; Exp. 6/30/94

Notes: Boring drilled using eight-inch diameter hollow-stem augers. Soil samples collected at five-foot intervals using a two-inch diameter modified-California split-spoon sampler. While sampling the 29.5 foot interval, the downhole hammer was lost. The boring was drilled to 34 feet in an attempt to plug the augers with soil. The downhole hammer was subsequently sealed in place with bentonite-cement grout.

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E01**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

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

				START	FINISH
WATER LEVEL	▽ 17.25	▼ 19.87			
TIME	1122	1200		TIME 1100	TIME 1155
DATE	9/15/06	9/15/06		DATE 9/15/06	DATE 9/15/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JS Hoey

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	CONCRETE	CONCRETE to 10" bgs.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2		SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry.
				3		
				4	CL	
48	48	-	132	5		Change to greenish black (GLEY1 10Y 2.5/1), soft to medium stiff, slightly moist, moderate odor.
		-		6	CL	
		-		7		Color change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), trace fine-grained sand.
			0.0	8		
48				9		
	42	-		10	ML	CLAYEY SILT, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), soft to medium stiff, very low plasticity, little fine to medium-grained sand, slightly moist.
		-		11		SILTY CLAY, Very dark greenish grey (GLEY1 10Y 3/1), medium stiff, low plasticity, dry, slight odor.
			8.1	12		
48				13	CL	
	42	-		14		Change to moist, trace fine-grained sand increasing with depth, no odor. Roots present.
		-		15		
				16		Change to dry.
48			0.0	17	ML	CLAYEY SILT, Very dark grey (10YR 3/1), soft, very low plasticity, little fine-grained sand, wet.
	42	-		18		SILTY CLAY, Very dark greyish brown (2.5Y 3/2), medium stiff to stiff, low plasticity, slightly moist.
		-		19	CL	Color change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4).
			0.0	20		

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

ETIC Engineering, Inc.

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

LOG OF SOIL BORING: E01

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
48										Sample not recovered due to blow-out from pressure of drive, appearance is wet, sandy.
				21						
				22						
	18	-		23					CL	SILTY CLAY, Very dark greyish brown (2.5Y 3/2), stiff, low plasticity, dry to slightly moist.
		-	0.3							
				24					SW	GRAVELLY SAND, Dark greyish brown (2.5Y 4/2), medium dense, little silt, fine to coarse-grained subangular sand, gravel to 1" diameter, wet. Boring terminated at 24 feet. Boring filled and sealed with a grout consisting of neat cement.
				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 10/10/06

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E02**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL		▼ 11.10			
TIME		1330		TIME 1240	TIME 1320
DATE		9/15/06		DATE 9/15/06	DATE 9/15/06
REFERENCE		GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JD Neely

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CONCRETE	CONCRETE.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2		
				3		
48				4		
	36	-	0.0	5		SILTY CLAY, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), stiff, low plasticity, dry.
		-		6		
		-		7	CL	
48	48	-		8		
		-	0.0	9		Trace fine to medium-grained sand at 8.5 feet bgs, increasing with depth.
		-		10		
				▼ 11	ML	CLAYEY SILT, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), soft to medium stiff, very low plasticity, little fine to medium-grained sand, moist.
48				12		SILTY CLAY, Very dark greyish brown (2.5Y 3/2), medium stiff, low plasticity, slightly moist, slight odor, roots present.
	42	-	2.7	13		
		-		14		Color change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4).
		-		15		Change to stiff at 13.5 feet bgs.
48				16	CL	
	42	-	0.0	17		Change to dry at 15.75 feet bgs.
		-		18		
		-		19		
36				20		

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

ETIC Engineering, Inc.

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

LOG OF SOIL BORING:

E02

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

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

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

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E03**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL		▼ 10.50			
TIME		1405		TIME 1315	TIME 1346
DATE		9/22/06			
REFERENCE		GS		DATE 9/22/06	DATE 9/22/06

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JL Neff

DRIVEN (in)	RECOVER (in)	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CONCRETE	CONCRETE to 8" bgs.
				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, slightly moist.
48	45	- - -	0.0	3		Includes little fine to medium-grained sand from 3.25 to 6 feet bgs.
				4		
				5		
				6	CL	Change to mottled coloring, very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), no sand.
48	42	- - -	0.0	7		Change to stiff.
				8		
				9		Includes trace medium-grained sand from 8.75 to 9.75 feet bgs.
				10 ▼	ML	SANDY SILT, Olive brown (2.5Y 4/3), soft, fine to medium-grained subrounded sand, little clay, very moist.
				11	CL	SANDY CLAY, Very dark greyish brown (2.5Y 3/2), medium stiff to stiff, low plasticity, fine to medium-grained sand, moist.
48	42	- - -	0.0	12		SILTY CLAY, Mottled very dark grey (10YR 3/1) and very dark yellowish brown (10YR 3/4), stiff, low plasticity, roots present, slightly moist.
				13		
				14	CL	
				15		Change to very dark greyish brown (2.5Y 3/2), soft, moist.
36	36	- - -	0.0	16		CLAY, Mottled very dark grey (10YR 3/1) and very dark yellowish brown (10YR 3/4), stiff, low plasticity, moist.
				17		
				18	CL	Roots present from 18 to 18.75 feet bgs.
36	36	- - -		19		
				20		

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

ETIC Engineering, Inc.

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

LOG OF SOIL BORING: E03

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

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E04**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ DRY				
TIME				TIME 1310	TIME 1345
DATE					
REFERENCE				DATE 9/12/06	DATE 9/12/06

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: T. Iob / D. Pew

Reviewed by: [signature]

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CONCRETE	CONCRETE to 10" bgs.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2		
				3		SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, slightly moist.
48				4		
				5		
	21		0.0	6		Change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6), trace medium-grained sand, dry.
				7		
48	48		0.0	8		Change to soft, little medium-grained sand, moist.
				9	CL	Change to medium stiff, trace medium-grained sand, dry.
			0.0	10		
				11		
48	45			12		
				13		
				14		
			0.0	15		
48	45			16	ML	CLAYEY SILT, mottled dark grey (10YR 4/1) and black (5Y 2.5/1), soft, trace fine-grained sand, moist.
				17	CL	SILTY CLAY, mottled dark grey (10YR 4/1) and black (5Y 2.5/1), medium stiff, low plasticity, dry.
				18		
			0.0	19		Boring terminated at 19 feet. Boring filled and sealed with a grout consisting of neat cement.
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E05**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ DRY				
TIME				TIME 1400	TIME 1630
DATE				DATE 9/12/06	DATE 9/12/06
REFERENCE					

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: T. Iob / D. Pew Reviewed by: [signature]

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CONCRETE	CONCRETE.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2		SILTY CLAY, black (5Y 2.5/1), medium stiff, low plasticity, trace medium-grained sand, dry.
				3		
				4		
48	42	- - -	0.0	5		Color change to mottled black (5Y 2.5/1) and dark yellowish brown (10YR 4/6).
				6		
				7		Color change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6).
				8		Change to slightly moist.
48	39	- - -	0.0	9		
				10		
				11	CL	Color change to very dark greyish brown (10YR 3/2), soft, moist.
48	48	- - -		12		
				13		Color change back to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6), medium stiff, dry. Traces of roots present from 13.5 to 14 feet bgs.
			0.0	14		
				15		
48	48	- - -		16		
				17		
				18		
				19		
			0.0	20		Boring terminated at 20 feet. No water in hole after 2.5 hours. Boring filled and sealed with a grout consisting of neat cement.

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E06**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

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

				START	FINISH
WATER LEVEL	▽ DRY				
TIME				TIME 0920	TIME 1600
DATE					
REFERENCE				DATE 9/12/06	DATE 9/12/06

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: T. Iob / D. Pew

Reviewed by: JL Hey

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
				0					CONCRETE	CONCRETE to 10" bgs.
				1					GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2						SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, trace medium-grained sand, dry.
				3						
				4						
48										
	39		0.0	5						Color change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6).
				6						
				7						
				8						
48	48									
			0.0	9						Change to soft, little fine to medium-grained sand, slightly moist, slight odor.
			0.0	10						Change to medium stiff, trace fine to medium-grained sand, dry.
				11					CL	
				12						
48										
	42			13						
				14						
			2.8	15						
				16						
48										
				17						
				18						Change to slightly moist.
	24									
				19						
			0.0	20						Boring terminated at 20 feet. No water in hole after 6 hours. Boring filled and sealed with a grout consisting of neat cement.

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E07**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 11.5	▼ 9.70			
TIME	0926	1028		TIME 0910	TIME 0950
DATE	9/15/06	9/15/06		DATE 9/15/06	DATE 9/15/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JD Ref

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CONCRETE	CONCRETE to 10" bgs.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
			30.7	2		SILTY CLAY, Greenish black (GLEY1 5GY 2.5/1), medium stiff, low plasticity, dry, strong odor.
48				3		
	42	-		4		Change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), very low plasticity, trace fine to medium-grained sand, slightly moist.
		-		5		
		-		6	CL	
			0.0	7		
48						
	42		31.3	8		
		-				
		-		9		
		-		10		
						SANDY SILT, mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft, some clay, fine to medium-grained sand, moist.
			0.0	11	ML	
48						Change to wet.
	42		0.0	12		
		-				SANDY CLAY, mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), medium stiff, very low plasticity, little silt, fine to coarse-grained, subrounded to subangular sand, wet.
		-		13		
		-				Change to moist.
				14	CL	Roots present from 14 to 14.5 feet bgs.
				15		
48						
	45	-	0.1	16		
		-				
		-		17	ML	SILT, mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft, little fine-grained sand, moist.
				18	CL	SILTY CLAY, mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), medium stiff, very low plasticity, dry.
				19		
48					ML	CLAYEY SILT, Very dark greyish brown (10YR 3/2), soft, wet.
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC
Engineering, Inc.

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

LOG OF SOIL BORING: E07

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG	
	42	- - -		21				CL	SILTY CLAY, mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), medium stiff, low plasticity, moist.
				22					
			0.0	23				ML	SANDY SILT, Light olive brown (2.5Y 5/4), soft, fine to medium-grained sand, wet.
48	42	- - -		24					Color change to very dark greyish brown (10YR 3/2).
				25				SM	SILTY SAND, Very dark greyish brown (10YR 3/2), loose to medium dense, fine to coarse-grained sand, little clay, wet.
				26				ML	CLAYEY SILT, Very dark greyish brown (10YR 3/2), medium stiff, moist to wet.
			0.3	27				SW	GRAVELLY SAND, Dark greyish brown (10YR 4/2), loose to medium dense, fine to coarse-grained sand, subangular gravel to 1" diameter, little silt, wet.
				28					Boring terminated at 27 feet. Boring filled and sealed with a grout consisting of neat cement.
				29					
				30					
				31					
				32					
				33					
				34					
				35					
				36					
				37					
				38					
				39					
				40					
				41					
				42					
				43					
				44					
				45					

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

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E08**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

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

				START	FINISH
WATER LEVEL		▼ 18.71			
TIME		1540		TIME 1500	TIME 1600
DATE		9/12/06			
REFERENCE		GS		DATE 9/12/06	DATE 9/12/06

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: T. Iob / D. Pew Reviewed by: JJ Ney

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	CONCRETE	CONCRETE.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2		SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry.
				3		
48	48	- - -	0.0	4		Soil sample collected at 4 to 4.5 feet bgs for physical properties.
				5		Color change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), trace medium-grained sand.
				6		
				7		Soil sample collected at 7 to 7.5 feet bgs for physical properties.
48	42	- - -	0.0	8	CL	
				9		
				10		
				11		Change to soft, moist, from 11 to 11.5 feet bgs.
48	48	- - -		12		Change to slightly moist.
				13		Change to medium stiff, dry.
			0.0	14		
				15		
48	48	- - -		16		
				17	CL	SANDY CLAY, dark yellowish brown (10YR 4/6), soft, low plasticity, fine-grained sand, moist.
				18	CL	SILTY CLAY, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), medium stiff, low plasticity, dry.
				19		
			0.0	20		Boring terminated at 20 feet. Boring filled and sealed with a grout consisting of neat cement.

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E09**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Direct push Geoprobe 5410 with Dual Tube Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 9.92	▼ 26.37	▼ 10.10		
TIME	0755	0855	0915	TIME 0735	TIME 0855
DATE	9/21/06	9/21/06	9/21/06		
REFERENCE	GS	GS	GS	DATE 9/21/06	DATE 9/21/06

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: E. Appel / D. Pew

Reviewed by: JJ Pew

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	CONCRETE	CONCRETE.
36				1		PEA GRAVEL, Former tank excavation backfill material, dense, subrounded to subangular gravel to 0.5" diameter, little coarse-grained sand.
				2		
				3		
48				4		
				5		
				6		
				7		
48				8		
				9	GP	
				10 ▼		Loose from 10 to 14 feet bgs.
				11		
48				12		
				13		
				14		Dense from 14 to 18 feet bgs.
				15		
48				16		
				17		
				18	CL	CLAY, Dark grey (10YR 4/1), stiff, medium plasticity, with little silt and trace medium-grained sand, moist.
				19		
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC Engineering, Inc.

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

LOG OF SOIL BORING: E09

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG
48	48	-	0.0	21	CL
		-			
		-		22	
				23	
			0.0		SC
				24	
48	48				
		-		25	
		-			
		-			
				26	
					SP-GP
			0.0	27	
				28	
				29	
				30	
				31	
				32	
				33	
				34	
				35	
				36	
				37	
				38	
				39	
				40	
				41	
				42	
				43	
				44	
				45	

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

CLAYEY SAND, Dark greyish brown (2.5Y 4/2), medium dense, fine-grained sand, trace subangular gravel to 0.5" diameter, moist.

Change to wet to saturated.

SAND AND GRAVEL, Dark greyish brown (2.5Y 4/2), dense, with clay, fine-grained sand, angular gravel to 0.5" diameter, saturated.

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

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E10**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Direct push Geoprobe 5410 with Dual Tube Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 24.25	▼ 9.47			
TIME	1040	1108		TIME 1015	TIME 1100
DATE	9/21/06	9/21/06		DATE 9/21/06	DATE 9/21/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: E. Appel / D. Pew Reviewed by: JJ Ney

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG
				0					CONCRETE
36				1					
				2					
				3					
48				4					
				5					
				6					
				7					
48				8					GP
				9 ▼					
				10					
				11					
48				12					
				13					
				14					
				15					
48	48	-	0.0	16					
		-		17					
		-		18					CL
				19					
			0.0	20					

CONCRETE.

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

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

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

ETIC Engineering, Inc.

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

LOG OF SOIL BORING: E10

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
48	48	- - -		21					CL	SAND AND CLAY, Dark greyish brown (2.5Y 4/2), medium dense, fine-grained sand, trace subangular gravel to 0.5" diameter, moist.
		- - -		22					SC-CL	
				23					SP-GP	GRAVEL AND SAND, Dark greyish brown (2.5Y 4/2), dense, fine to medium-grained sand, little clay, wet.
			0.0							
48	48	-		24 ▽					SC-CL	SAND AND CLAY, Dark greyish brown (2.5Y 4/2), medium dense, fine-grained sand, low plasticity clay, little subangular gravel to 0.5" diameter, moist (wet at 24.25' bgs).
		- -		25						
				26						GRAVEL AND SAND, Dark greyish brown (2.5Y 4/2), dense, fine to medium-grained sand, trace clay, saturated.
			0.0	27						
				28						
48				29					SP-GP	
36	36	-		30						
		-		31						
			0.2	32						Boring terminated at 32 feet. Boring filled and sealed with a grout consisting of neat cement.
				33						
				34						
				35						
				36						
				37						
				38						
				39						
				40						
				41						
				42						
				43						
				44						
				45						

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

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E11**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

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

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

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: T. Iob / D. Pew Reviewed by: JS Mej

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

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E12**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

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

				START	FINISH
WATER LEVEL	▽ 9.0	▼ 8.65			
TIME	1022	1104		TIME 1000	TIME 1120
DATE	9/12/06	9/12/06		DATE 9/12/06	DATE 9/12/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JD Neely

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	Description
				0	CONCRETE.
				1	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2	GM
				3	SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, trace medium-grained sand, dry.
				4	
48					
	39		0.0	5	Change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6).
				6	
				7	Change to soft, increasing sand content, moist.
				8	
48	48			9	▼ ▽ Change to very dark grey (10YR 3/1), wet.
			0.0	10	Change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6), medium stiff, very low plasticity, little sand, moist.
				11	CL
				12	Roots present.
48					
	42			13	Change to dry.
				14	
			0.0	15	Change to slightly moist.
				16	
36					
	24			17	
				18	
			0.0	19	Boring terminated at 19 feet. Boring filled and sealed with a grout consisting of neat cement.
				20	

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED | GRAPHIC LOG

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E13**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 15.5	▼ 9.70			
TIME	0822	0842		TIME 0805	TIME 0825
DATE	9/15/06	9/15/06		DATE 9/15/06	DATE 9/15/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JD Neely

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CONCRETE	CONCRETE.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2	CL	SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry.
48	48	- - -		3		
				4		
			0.0	5		
				6		Color change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4).
			0.0	7		
48	48	- - -	0.0	8		Gradual change to CLAYEY SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft to medium stiff, very low plasticity, some fine to medium-grained sand, slightly moist.
				9	ML	
				10		
				11		
48	42	- - -		12		SILTY CLAY, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), medium stiff, low plasticity, dry. Roots present.
				13	CL	
				14		
				15		
48	42	- - -		16		Change to some fine to medium-grained sand, wet.
				17	ML	SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft, little fine to medium-grained sand, moist.
				18	CL	SILTY CLAY, Dark greyish brown (10YR 4/2), stiff, low plasticity, moist.
			0.0	19		Boring terminated at 19 feet. Boring filled and sealed with a grout consisting of neat cement.
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE RECOVERED

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E14**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL		▼ 13.43			
TIME		1556		TIME 1525	TIME 1540
DATE		9/15/06		DATE 9/15/06	DATE 9/15/06
REFERENCE		GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JJ Neely

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG
				0					CONCRETE
				1					GM
				2					
				3					
48	48	-		4					CL
		-	0.0	5					
		-		6					
				7					
48				8					
	42	-	0.2	9					ML
		-		10					
		-		11					CL
				12					SC
48				13					
	42	-		14					CL
		-		15					
		-		16					
				17					
			0.0	18					
				19					
				20					

CONCRETE.

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

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

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

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

CLAYEY SAND, Very dark greyish brown (2.5Y 3/2), medium dense, fine to medium-grained sand, wet.
SANDY CLAY, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), stiff, low plasticity, fine to medium-grained sand, moist.

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

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

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E15**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 11.0	▼ 9.43			
TIME	1245	1317		TIME 1230	TIME 1300
DATE	9/21/06	9/21/06		DATE 9/21/06	DATE 9/21/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JL Nelson

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CONCRETE	CONCRETE.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2		SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry.
				3		
48						Change to mottled color, very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4).
	42	- - -	0.0	4		
				5	CL	
				6		
				7		Trace medium-grained sand present from 6.5 to 9 feet bgs.
48				8		
	33	- - -	0.0	9		SANDY CLAY, Dark olive brown (2.5Y 3/3), soft to medium stiff, very low plasticity, fine to coarse-grained subrounded to subangular sand, little silt, trace angular gravel to 0.5" diameter, moist.
				10	CL	Change to very dark greyish brown (10YR 3/2).
48	48	- - -	0.0	11		Change to wet.
				12		CLAY, very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), stiff, low plasticity, trace silt, roots present from 12.5 to 14.5 feet bgs, moist.
				13		
				14		
48	48	- - -		15	CL	
				16		
				17		Roots present at 17.5 feet bgs.
				18		
			0.1	19		Boring terminated at 19 feet. Boring filled and sealed with a grout consisting of neat cement.
				20		

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E16**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

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

				START	FINISH
WATER LEVEL	▽ 12.0	▼ 8.55			
TIME	0808	0835		TIME 0750	TIME 0820
DATE	9/12/06	9/12/06		DATE 9/12/06	DATE 9/12/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JH

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	Description
				0	CONCRETE	CONCRETE to 10" bgs.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2		SILTY CLAY, Black (5Y 2.5/1), medium plasticity, low plasticity, dry.
				3		
				4		
48				5	CL	
	33		0.0	6		Change to mottled very dark greyish brown (2.5Y 3/2) and dark yellowish brown (10YR 3/4), very low plasticity, some fine to medium-grained sand.
				7		
				8		SANDY SILT, dark greyish brown (2.5Y 4/2), soft, fine to medium-grained sand, moist.
48				9	ML	
	30			10		Change to very dark greyish brown (2.5Y 3/2), with little clay.
			0.0	11		
				12		SILTY CLAY, Mottled very dark greyish brown (2.5Y 3/2) and dark yellowish brown (10YR 3/4), medium stiff, very low plasticity, dry.
48				13	CL	Change to wet.
	42			14		
				15		
			0.0	16		Boring terminated at 16 feet. Boring filled and sealed with a grout consisting of neat cement.
				17		
				18		
				19		
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E17**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 15.5	▼ 12.88			
TIME	1705	1722		TIME 1650	TIME 1712
DATE	9/21/06	9/21/06		DATE 9/21/06	DATE 9/21/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JJ Hey

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CONCRETE	CONCRETE to 9" bgs.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
					GM	CONCRETE.
				2		SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				3		SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry.
48	42	- - -	0.0	4		Change to slightly moist.
				5		
				6		Change to mottled coloring, very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), soft to medium stiff.
48	39	- - -	0.0	7		
				8		Change to soft, very low plasticity, moist.
				9	CL	
				10		Roots present from 10.5 to 11 feet bgs.
48	42	- - -	0.0	11		
				12		Trace medium-grained sand present from 10.5 to 11.5 feet bgs..
				13		Change to medium stiff, no sand, slightly moist. Roots present from 13 to 14 feet bgs.
				14		
				15		Change to very dark greyish brown (10YR 3/2), stiff.
48	42	- - -		16		Change to soft, some medium-grained sand, wet.
						CLAY, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), stiff, low plasticity, slightly moist.
				17		
				18	CL	
			0.0	19		Boring terminated at 19 feet. Boring filled and sealed with a grout consisting of neat cement.
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE RECOVERED

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E18**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 12.5	▼ 9.49			
TIME	0935	0954		TIME 0925	TIME 0945
DATE	9/22/06	9/22/06		DATE 9/22/06	DATE 9/22/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JJ Mey

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	CONCRETE	CONCRETE.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry. SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, trace fine to medium-grained sand, dry to slightly moist.
				2		
				3		
48	45	- - -	0.0	4		
				5	CL	Change to mottled coloring, very dark grey (10YR 3/1) and very dark yellowish brown (10YR 3/4), very low plasticity.
				6		
				7		
48				8		Change to soft to medium stiff, moist.
	36	- -	0.1	9		CLAYEY SILT, Mottled very dark grey (10YR 3/1) and very dark yellowish brown (10YR 3/4), soft to medium stiff, moist.
		- -		10		
				11	ML	
48				12		
	30	- -		13	ML	SANDY SILT, Dark olive brown (2.5Y 3/3), soft, fine to medium-grained sand, wet.
		- -	0.3	14	CL	SILTY CLAY, Dark olive brown (2.5Y 3/3), medium stiff, low plasticity, some fine to medium-grained sand, moist.
				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 10/11/06

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E19**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 10.75	▼ 13.80			
TIME	1418	1507		TIME 1405	TIME 1420
DATE	9/15/06	9/15/06		DATE 9/15/06	DATE 9/15/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JDP

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CONCRETE	CONCRETE to 8" bgs.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2		SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry.
48	48	- - -	0.0	3 4	CL	Color change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4).
				5 6		Color change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), trace fine to medium-grained sand.
48	42	- - -	0.3	7 8		SANDY SILT, mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft, little clay, fine to medium-grained sand, moist.
				9 10	ML	Color change to very dark greyish brown (2.5Y 3/2), fine to coarse-grained sand.
48	42	- - -		11 12		SILTY CLAY, Very dark greyish brown (2.5Y 3/2), low plasticity, stiff, roots present, moist.
			0.0	13 14	CL	Change to very stiff.
				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 10/11/06

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E20**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL		▼ 18.80			
TIME		1108		TIME 1015	TIME 1055
DATE		9/22/06			
REFERENCE		GS		DATE 9/22/06	DATE 9/22/06

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JS Hegg

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	CONCRETE	CONCRETE to 10" bgs.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry. SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry to slightly moist.
				2		
				3		
48	48		0.0	4		Change to slightly moist, trace medium-grained sand.
				5	CL	Change to mottled coloring, very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), very low plasticity.
				6		
				7		
48				8		
	33		0.0	9	ML	CLAYEY SILT, Dark olive brown (2.5Y 3/3), soft, trace fine to medium-grained sand, moist.
					ML	SANDY SILT, Dark olive brown (2.5Y 3/3), soft, fine to medium-grained sand, moist.
				10	CL	SANDY CLAY, Very dark grey (2.5Y 3/1), soft to medium stiff, low plasticity, fine to coarse-grained subrounded to subangular sand, little silt, moist.
48	45		0.0	11	ML	SANDY SILT, Dark olive brown (2.5Y 3/3), soft, fine to medium-grained sand, moist.
				12		CLAY, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), medium stiff, little silt, roots present from 12.5 to 15 feet bgs, moist.
				13		
				14		
36	36		0.0	15	CL	Change to dark olive brown (2.5Y 3/3).
				16		Change back to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4).
				17		
				18		
36	36			19	▼ CL	SANDY CLAY, Mottled dark grey (10YR 4/1) and very dark yellowish brown (10YR
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC Engineering, Inc.

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

LOG OF SOIL BORING:

E20

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
			0.0						ML	3/4), medium stiff, low plasticity, fine to medium-grained sand, very moist.
				21						SANDY SILT, Light olive brown (2.5Y 5/4), soft, fine to coarse-grained subrounded to subangular sand, little subangular to angular gravel to 0.3" diameter, very moist to wet.
				22						Boring terminated at 21 feet. Boring filled and sealed with a grout consisting of neat cement.
				23						
				24						
				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 10/11/06

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E21**

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Enprob

LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 11.75	▼ 10.05	▼ 9.65		
TIME	0744	0748	0802	TIME 0730	TIME 0756
DATE	9/22/06	9/22/06	9/22/06		
REFERENCE	GS	GS	GS	DATE 9/22/06	DATE 9/22/06

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JJ Neely

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	CONCRETE	CONCRETE.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry. SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, trace medium-grained sand, slightly moist.
				2		
				3		
48	45		0.0	4		
				5	CL	
				6		Change to mottled coloring, very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4).
				7		
48				8		
	30		0.0	9	ML	CLAYEY SILT, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), soft, moist.
				10		SANDY SILT, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), soft, fine-grained sand, little clay, very moist.
48				11		
	39		0.1	12	ML	Change to very dark greyish brown (10YR 3/2), wet.
				13		Change back to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), trace clay. Roots present from 13.5 to 14.5 feet bgs.
			0.0	14		
				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 10/11/06

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E22**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 10.75	▼ 9.30			
TIME	1602	1624		TIME 1550	TIME 1610
DATE	9/21/06	9/21/06		DATE 9/21/06	DATE 9/21/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JJ Neely

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG
				0	CONCRETE
				1	GM
				2	
				3	
48	42	- - -	1.4	4	
				5	CL
				6	
				7	
48				8	
	33	- - -	0.8	9 ▼	
				10 ▽	ML
				11	SM
48	48	- - -	0.3	12	
				13	CL
			0.6	14	
				15	
				16	
				17	
				18	
				19	
				20	

CONCRETE.

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

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

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

Change to soft to medium stiff, very low plasticity, slightly moist.

CLAYEY SILT, dark greyish brown (10YR 4/2), soft to medium stiff, very low plasticity, with trace fine to medium-grained sand increasing with depth, moist.
SILTY SAND, dark greyish brown (10YR 4/2), medium dense, fine to coarse-grained subrounded sand, little clay, wet.

CLAY WITH SOME SILT, Mottled dark greyish brown (10YR 4/2) and dark yellowish brown (10YR 3/4), stiff, low plasticity, slightly moist to moist.

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

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E23**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 5 feet bgs. Direct push Geoprobe 5410 with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 20.5	▼ 14.62	▼ 10.35		
TIME	1204	1210	1225	TIME 1145	TIME 1215
DATE	9/22/06	9/22/06	9/22/06	DATE 9/22/06	DATE 9/22/06
REFERENCE	GS	GS	GS		

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JS Ref

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	CONCRETE	CONCRETE.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2	CL	SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry.
				3		
				4		Change to slightly moist.
48				5		
				6		
	33			7		Change to mottled, dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), moist, roots present.
			0.0	8	CL	CLAY, Mottled, dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), medium stiff, low plasticity, moist.
48	48			9	ML	SANDY SILT, Very dark greyish brown (2.5Y 3/2), soft, fine to coarse-grained subangular sand, very moist.
			0.0	10	CL	SANDY CLAY, Very dark greyish brown (2.5Y 3/2), medium stiff, low plasticity, fine to coarse-grained subangular sand, moist.
			0.0	11		
				12	ML	SANDY SILT, Very dark greyish brown (2.5Y 3/2), medium stiff, fine to coarse-grained subangular sand, moist.
48	45			13		
				14		CLAY, Mottled dark grey (10YR 4/1) and very dark yellowish brown, medium stiff, low plasticity, little silt, moist.
				15		
				16	CL	
				17		
36	36			18		
				19		Trace medium to coarse-grained subrounded sand from 19 to 20.5 feet bgs.
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC Engineering, Inc.

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

LOG OF SOIL BORING: E23

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

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

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

GRAVELLY SAND, Olive brown (2.5Y 4/3), medium dense, fine to coarse-grained subangular sand, subangular gravel to 0.5" diameter, little silt, very moist.

Boring terminated at 23 feet. Boring filled and sealed with a grout consisting of neat cement.

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E24**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 12.0	▼ 9.55			
TIME	0836	0842		TIME 0820	TIME 0840
DATE	9/22/06	9/22/06		DATE 9/22/06	DATE 9/22/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JJ Neef

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0		CONCRETE.
				1		CONCRETE
				2	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry. SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry.
				3		
48						
	42	-	0.1	4		Change to slightly moist.
		-		5	CL	
		-				Change to mottled coloring, very dark grey (10Y 3/1) and dark yellowish brown (10YR 3/4), moist.
				6		
				7		
48						
				8		
	33		0.2	9		CLAYEY SILT, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), soft to medium stiff, little fine-grained sand, very moist.
		-		▼		
		-		10	ML	
						Change to soft.
				11		
48						
				▽ 12		
	36					SANDY SILT, Dark olive brown (2.5Y 3/3), soft, medium-grained sand, wet.
		-		13	ML	
		-				
		-		14		
			0.4		SM	SILTY SAND, Dark olive brown (2.5Y 3/3), medium dense, fine to coarse-grained subrounded sand, wet.
				15		Boring terminated at 15 feet. Boring filled and sealed with a grout consisting of neat cement.
				16		
				17		
				18		
				19		
				20		

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E25**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 11.0	▼ 9.81			
TIME	0814	0912		TIME 0800	TIME 0820
DATE	9/13/06	9/13/06		DATE 9/13/06	DATE 9/13/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JJ Mey

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CONCRETE	CONCRETE.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2		SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry.
48				3		
	42	-		4		Includes little fine sand from 3.5 to 8.5 feet bgs.
		-				
		-	0.0	5	CL	
				6		Color change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4).
				7		
48				8		
				9		
	30	-				CLAYEY SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft to medium stiff, very low plasticity, moist.
		-	0.0	10	ML	
		-				Color change to dark grey (10YR 4/1).
				11		
48				12		SILT WITH SOME SAND, dark grey (10YR 4/1), very soft, fine-grained sand, wet.
	36	-				
		-		13	ML	
		-				
				14		
			0.1	15	SM	SILTY SAND, dark grey (10YR 4/1), medium dense, fine to medium-grained, sand, wet. Boring terminated at 15 feet. Boring filled and sealed with a grout consisting of neat cement.
				16		
				17		
				18		
				19		
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE RECOVERED

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E26**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

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

				START	FINISH
WATER LEVEL	▽ 16.0	▼ 9.77			
TIME	1404	1415		TIME 1345	TIME 1425
DATE	9/21/06	9/21/06			
REFERENCE	GS	GS		DATE 9/21/06	DATE 9/21/06

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: [signature]

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CONCRETE	CONCRETE.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2		SILTY CLAY, Black (5Y 2.5/1) medium stiff, low plasticity, dry.
				3		
48	45	- - -	0.0	4		Change to moist.
				5	CL	Change to mottled coloring, very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), slightly moist.
				6		
				7		
48				8		
				9		
	30	- - -		10 ▼		SANDY SILT, Very dark grey (10YR 3/1), soft, fine-grained sand, little clay, very moist, moderate odor.
			1.8			
			5.6	11	ML	
48				12		
	30	- - -	3.8	13	ML	CLAYEY SILT, very dark grey (10YR 3/1), soft, very low plasticity, little fine-grained sand, very moist.
				14	GW	SANDY GRAVEL, Very dark grey (10YR 3/1), medium dense, subrounded gravel to 0.75" diameter, little silt, very moist.
			0.0	15	SM	SILTY SAND, Very dark greyish brown (10YR 3/2), loose to medium dense, fine to coarse-grained subrounded sand, very moist to wet.
48				16 ▽		
	36	- - -		17	ML	SANDY SILT, Olive brown (2.5Y 4/3), soft, fine-grained sand, wet.
				18	GW	SANDY GRAVEL, Very dark greyish brown (10YR 3/2), medium dense, subrounded gravel to 0.75" diameter, little silt, wet.
			0.5	19		Boring terminated at 19 feet. Boring filled and sealed with a grout consisting of neat cement.
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E27**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 10.5	▼ 9.65			
TIME	0854	1004		TIME 0830	TIME 0900
DATE	9/13/06	9/13/06		DATE 9/13/06	DATE 9/13/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: D Mey

DRIVEN	RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	CONCRETE	CONCRETE to 10" bgs.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2	CL	SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry.
48				3		
	42	- - -		4		
			0.0	5		Color change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4).
				6		
				7		Change to moist, with little fine to medium-grained sand.
48				8		
	36	- - -	0.0	9		CLAYEY SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft, very low plasticity, moist.
				10 ▽ ▼	ML	
				11		Change to very soft, wet.
48				12		
	30	- - -	0.2	13		SILT, Dark grey (10YR 4/1), very soft, some fine-grained sand and trace subrounded to subangular gravel to 1" diameter, wet.
				14	ML	
			0.0	15	SM CL	SILTY SAND, Dark grey (10YR 4/1), medium dense, fine to coarse-grained subangular sand, wet. SILTY CLAY, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), medium stiff, low plasticity, moist. Boring terminated at 15 feet. Boring filled and sealed with a grout consisting of neat cement.
				16		
				17		
				18		
				19		
				20		

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E28**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 13.5	▼ 9.65			
TIME	1220	1245		TIME 1200	TIME 1240
DATE	9/11/06	9/11/06		DATE 9/11/06	DATE 9/11/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JS Neely

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	CONCRETE	CONCRETE to 10" bgs.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2		SANDY SILT, Very dark greyish brown (2.5Y 3/2), soft, fine to coarse-grained angular sand, dry.
				3		
48				4		
	36	- - -	0.0	5		
				6	ML	
			0.0	7		
48				8		
				9		
	24	- - -	0.0	10		Change to dark grey (2.5Y 4/1), slightly moist, decreasing amount of coarse-grained sand.
			0.0	11	CL	SILTY CLAY, Black (10YR 2/1), soft, low plasticity, slightly moist.
48				12		
	30	- - -		13	ML / GW	SANDY SILT, Dark grey (2.5Y 4/1), soft, fine to medium-grained sand, slightly moist. SANDY GRAVEL, Dark greyish brown (2.5Y 4/2), loose to medium dense, fine to coarse-grained, rounded to subrounded sand, subrounded to subangular gravel to 1" diameter, moist.
				14	SP	SAND, Very dark grey (2.5Y 3/1), loose, fine-grained sand, wet, moderate odor.
			0.0	15	CL	SILTY CLAY, Very dark greyish brown (2.5Y 4/2), soft to medium stiff, low plasticity, moist. 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 10/11/06

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E29**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

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

				START	FINISH
WATER LEVEL	▽ 10.0	▼ 9.50			
TIME	1500	1530		TIME 1445	TIME 1515
DATE	9/21/06	9/21/06		DATE 9/21/06	DATE 9/21/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew

Reviewed by: JS Hoy

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	CONCRETE	CONCRETE to 8"bgs.
				1	SP	SAND, Dark yellowish brown (10YR 3/4), loose, fine-grained, poorly graded, strong odor, moist.
			37.1	2		
				3		SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry, strong odor.
48	48	-		4		
		-		5		Change to mottled, very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), medium stiff, moist.
		-		6	CL	
				7		Change to very dark grey (10YR 3/1), very low plasticity, very moist.
			104	8		
48				9		
	36	-		10		SILTY SAND, Very dark grey (10YR 3/1), medium dense, fine to medium-grained sand, little gravel to 0.3", wet.
		-		11		
			8.4	12	SM	Roots present from 11.5 to 12 feet bgs.
48				13		
	36	-		14		Change to fine to coarse-grained sand, loose to medium dense.
		-		15	ML	CLAYEY SILT, Dark greyish brown (10YR 4/2), soft, very low plasticity, little fine-grained sand, wet, faint odor.
			0.4	16	CL	SILTY CLAY, Mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), medium stiff, low plasticity, moist. Boring terminated at 16 feet. Boring filled and sealed with a grout consisting of neat cement.
				17		
				18		
				19		
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E30**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 12	▼ 11.2			
TIME	1018	1030		TIME 0900	TIME 1030
DATE	9/11/06	9/11/06		DATE 9/11/06	DATE 9/11/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JJ Healy

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0		CONCRETE to 14" bgs.
				1	CONCRETE / GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2		SILTY CLAY, Black (5Y 2.5/1), medium stiff to stiff, very low plasticity, dry.
			0.0	3		
48				4		Change to very dark greyish brown (2.5Y 3/2), soft to medium stiff.
	36		0.0	5	CL	Change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4).
				6		
			0.0	7		
48	48		0.0	8		
				9	ML	SANDY SILT, Dark olive brown (2.5Y 3/3), soft, medium-grained, angular sand, little clay, moist.
				10		CLAY, Olive brown (2.5Y 4/3), soft, low plasticity, trace medium-grained, angular sand, moist.
			0.0	11		
48	48			12	CL	
			0.0	13		
				14		Change to medium stiff, slightly moist.
			0.1	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 10/11/06

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E31**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 5 feet bgs. Direct push Geoprobe 5410 with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 12.25	▼ 9.63			
TIME	1532	1615		TIME 1510	TIME 1600
DATE	9/11/06	9/11/06		DATE 9/11/06	DATE 9/11/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: [signature]

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	CONCRETE	CONCRETE.
				1	GP	GRAVEL(fill), Subrounded pea-gravel to 0.4" diameter, very loose, dry.
				2		
				3	CONCRETE	CONCRETE. SILTY CLAY, Black (5Y 2.5/1), medium stiff to stiff, very low plasticity, dry.
				4	CL	
				5		
48				6		
	36	-	4.5	7	ML	SANDY SILT, Olive grey (5Y 4/2), soft to medium stiff, fine to coarse-grained, subangular to angular sand, dry.
		-		8		
		-				
			1.1	9		Change to moist.
48				10		
	36	-				SILTY CLAY, Very dark grey (10YR 3/1), medium stiff, very low plasticity, dry.
		-	0.0	11	CL	
		-				Change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), slight odor.
				12		SAND, Very dark grey (5Y 3/1), fine to medium-grained sand, loose, wet, strong odor.
			66.2	13	SW	
36						
	30	-		14		
		-				SILTY CLAY, Very dark greyish brown (2.5Y 3/2), medium stiff, low plasticity, moist, slight odor.
		-	0.0	15		
				16		
48					CL	
				17		
				18		
	6			19		Boring terminated at 19 feet. Boring filled and sealed with a grout consisting of neat cement.
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E32**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 10.75	▼ 9.43			
TIME	0936	1006		TIME 0920	TIME 0940
DATE	9/13/06	9/13/06		DATE 9/13/06	DATE 9/13/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JS Reed

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	CONCRETE	CONCRETE to 10" bgs.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2		SILTY CLAY, Black (5Y 2.5/1), stiff, low plasticity, dry.
48				3		
	42	-	0.0	4		Change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4), medium stiff, slightly moist, slight odor.
		-		5	CL	
		-		6		
				7		
48				8		
			0.0	9		SILT WITH SOME SAND, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft, fine-grained sand, very moist.
	30	-		10		
		-		11	ML	Change to wet.
		-		12		
48				13		
			0.0	14	SM	SILTY SAND, Dark greyish brown (2.5Y 4/2), loose, fine-grained sand, wet.
	30	-		15	SM	Change to increasing grain size to coarse-grained sand. SILTY SAND, Dark greyish brown (2.5Y 4/2), loose, fine to coarse-grained sand, little subangular gravel to 1" diameter, wet. Boring terminated at 15 feet. Boring filled and sealed with a grout consisting of neat cement.
		-		16		
		-		17		
				18		
				19		
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E33**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 11	▼ 10.02			
TIME	1638	1702		TIME 1615	TIME 1645
DATE	9/11/06	9/11/06		DATE 9/11/06	DATE 9/11/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JM

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CONCRETE	CONCRETE to 10" bgs.
				1	SP	SAND, mottled light olive brown (2.5Y 5/4) and dark bluish grey (GLEY2 10B 4/1), loose, fine-grained sand, slightly moist.
				2		SILTY CLAY, Black (5Y 2.5/1), soft to medium stiff, very low plasticity, slightly moist.
				3		
				4		
48	48	-	3.2	5		
		-				
		-		6	CL	Change to very dark grey (5Y 3/1).
				7		
			8.7	8		
48				9		
				10 ▼		
	21	-		11 ▽		SILT, Very dark grey (5Y 3/1), very soft, wet, little fine-grained sand.
		-	9.0			
		-		12	ML	
48				13		
				14		
				15	SM	SILTY SAND, Dark yellowish brown (10YR 3/4), loose, fine-grained sand, wet.
	18	-			ML	SANDY SILT, Dark yellowish brown (10YR 3/4), soft, fine-grained sand, trace clay, moist.
		-		16	CL	SILTY CLAY, mottled grey (10YR 5/1) and dark yellowish brown (10YR 4/6), medium stiff, low plasticity, dry. Boring terminated at 16 feet. Boring filled and sealed with a grout consisting of neat cement.
				17		
				18		
				19		
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E34**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 22.75				
TIME	1550			TIME 1300	TIME 1600
DATE	9/13/06			DATE 9/13/06	DATE 9/13/06
REFERENCE	GS				

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: T. Iob / D. Pew Reviewed by: JJ Neely

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

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE RECOVERED

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

ETIC Engineering, Inc.

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

LOG OF SOIL BORING: E34

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
		-		21					CL	
		-		22						Change to very dark grey (2.5Y 3/1).
36	36	-		23						SANDY SILT, Light olive brown (2.5Y 5/3), soft, fine-grained sand, trace clay, moist to wet.
		-		24					ML	
		-	0.01	25						Boring terminated at 25 feet. Boring filled and sealed with a grout consisting of neat cement.
				26						
				27						
				28						
				29						
				30						
				31						
				32						
				33						
				34						
				35						
				36						
				37						
				38						
				39						
				40						
				41						
				42						
				43						
				44						
				45						

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

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E35**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 5 feet bgs. Direct push Geoprobe 5410 with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 20.5	▼ 16.48			
TIME	1358	1515		TIME 1310	TIME 1505
DATE	9/11/06	9/11/06		DATE 9/11/06	DATE 9/11/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JJ Hoef

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0		CONCRETE.
				1		
				2		CONCRETE
				3		
				4		
48				5	SP	SAND, Dark bluish grey (GLEY2 10B 4/1), loose, fine-grained poorly graded sand, slightly moist.
			0.0	6		
	36				ML	SANDY SILT, Very dark greyish brown (10YR 3/2), soft, fine-grained sand, moist.
				7		SILTY CLAY, Very dark greyish brown (10YR 3/2),soft to medium stiff, very low plasticity, slightly moist.
				8	CL	Trace to some fine to coarse-grained sand, increasing with depth from 7.75 to 8.75 feet bgs.
				9	ML	SANDY SILT, Very dark grey (5Y 3/1), very soft, slightly moist, moderate odor.
48	48		5.4			CLAY, Very dark grey (5Y 3/1), soft, low plasticity, slightly moist.
			0.0	10		
				11	CL	Beginning at 11.5 feet bgs, includes little fine to medium-grained sand, slight odor.
				12		
				13		SILTY CLAY, Very dark greyish brown (2.5Y 3/2), medium stiff, low plasticity, dry to slightly moist.
48	48					
			0.0	14		
				15		Change to mottled very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4).
				16	CL	
				17		
48	48					
			0.0	18		Trace roots present at 18 feet bgs.
				19		
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC
Engineering, Inc.

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

LOG OF SOIL BORING:

E35

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
				▽					CL	Change to soft, trace fine to medium-grained sand, moist.
			0.0	21			X		ML	SANDY SILT, Olive brown (2.5Y 4/3), very soft, fine to medium-grained sand, little clay, wet.
				22						Boring terminated at 21 feet. Boring filled and sealed with a grout consisting of neat cement.
				23						
				24						
				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 10/11/06

ETIC Engineering, Inc.

LOG OF SOIL BORING: **E36**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 12.25	▼ 9.19			
TIME	1455	1512		TIME 1425	TIME 1500
DATE	9/11/06	9/11/06		DATE 9/11/06	DATE 9/11/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: T. Iob / D. Pew Reviewed by: JS Neely

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CONCRETE	CONCRETE to 7.5" bgs.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2		SILTY CLAY, Black (5Y 2.5/1), soft, very low plasticity, slightly moist.
				3		
48				4		
	39		0.0	5	CL	Change to mottled coloring grey (10YR 5/1) and dark yellowish brown (10YR 4/6), medium stiff, low plasticity, trace fine-grained sand, dry.
				6		
				7		Soil sample taken at 6.5 to 7 feet bgs for physical properties.
48				8		
				9		
	30		0.0	10	SW	GRAVELLY SAND, Dark yellowish brown (10YR 4/4), loose, fine to medium-grained sand, subangular gravel to 0.25" diameter, dry. Soil sample taken at 9.5 to 10 feet bgs for physical properties. Change to very dark greenish grey (GLEY1 10Y 3/1), slight odor.
			26.1	11	ML	SILT, Very dark greenish grey (GLEY1 10Y 3/1), soft, very moist, slight odor.
48				12	ML	CLAYEY SILT, Dark yellowish brown (10YR 4/4), medium stiff, low plasticity, dry.
	36			13	ML	SILT, Dark greenish grey (GLEY1 10Y 4/1), very soft, wet, slight odor.
				14	CL	SILTY CLAY, Mottled grey (10YR 5/1) and dark yellowish (10YR 4/6), medium stiff, low plasticity, dry, slight odor.
			0.0	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 10/11/06

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E37**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 9.5	▼ 9.15			
TIME	1012	1035		TIME 1000	TIME 1025
DATE	9/13/06	9/13/06		DATE 9/13/06	DATE 9/13/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JD Neely

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	CONCRETE	CONCRETE.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 1" diameter, dry.
				2	CL	SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry.
				3		
48						
			0.4	4		
	36			5		CLAYEY SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), medium stiff, very low plasticity, dry to slightly moist.
				6	ML	
				7		
48				8		
				9		
	18		0.0	10		SANDY SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft, fine-grained sand, moist to wet.
				11	ML	Beginning at 10.75 feet bgs, trace gravel to 1" diameter increasing with depth.
48				12		
	36		12.6	13	SM	SILTY SAND, very dark grey (10YR 3/1), loose, fine to medium-grained sand, wet, strong odor.
				14	ML	SILT WITH SOME SAND, Dark greyish brown (2.5Y 4/2), soft, fine-grained sand, wet.
			0.3	15	SW	GRAVELLY SAND, Dark greyish brown (2.5Y 4/2), loose, fine to medium-grained sand, subrounded to subangular gravel to 1" diameter, wet. Boring terminated at 15 feet. Boring filled and sealed with a grout consisting of neat cement.
				16		
				17		
				18		
				19		
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E38**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 23.25	▼ 9.73			
TIME	1514	1545		TIME 1200	TIME 1540
DATE	9/13/06	9/13/06		DATE 9/13/06	DATE 9/13/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: T. Iob / D. Pew Reviewed by: JD Healy

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CONCRETE	CONCRETE to 8" bgs.
				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		
48						
	39		0.0	4	CL	Change to mottled coloring, dark grey (10YR 4/1) and very dark yellowish brown (10YR 4/6), trace fine-grained sand.
				5		
				6		
				7		Beginning at 6.5 feet bgs, trace subrounded gravel to 0.3" diameter.
48	45		0.0	8	ML	CLAYEY SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6), soft, very low plasticity, trace fine to medium-grained sand, slightly moist.
				9	CL	GRAVELLY CLAY, Olive brown (2.5Y 4/3), soft, very low plasticity, subangular gravel to 1" diameter, trace fine to medium-grained sand, moist.
				10	ML	GRAVELLY SILT, Olive brown (2.5Y 4/3), soft, very low plasticity, subangular gravel to 1" diameter, little fine to medium-grained sand, trace clay, moist.
48	48		0.1	11	ML	CLAYEY SILT, dark greyish brown (2.5Y 4/2), soft, low plasticity, slightly moist, iron staining.
				12		Change to very dark grey (10YR 3/1), slight odor from 10.5 to 12.25 feet bgs.
				13		SILTY CLAY, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 4/6), medium stiff, low plasticity, dry, trace medium-grained sand.
				14		
				15		Root traces present.
48	48		0.2	16	CL	Slight odor present at 15.5 to 16 feet bgs, increase in medium to coarse-grained sand, soft to medium stiff.
				17		Change to medium stiff, trace medium-grained sand, dry.
				18		
			0.0	19		
36	36			20		

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

ETIC Engineering, Inc.

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

LOG OF SOIL BORING: E38

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

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E39**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 22.5	▼ 9.83			
TIME	1440	1535		TIME 1340	TIME 1440
DATE	9/13/06	9/13/06		DATE 9/13/06	DATE 9/13/06
REFERENCE	GS	GS			

SURFACE CONDITIONS: Asphalt

DESCRIPTION BY: D. Pew Reviewed by: D Nel

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	ASPHALT	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		
48	42	- - -	0.0	4		Change to mottled coloring, very dark grey (10YR 3/1) and dark yellowish brown (10YR 3/4).
				5		
				6		Begining at 6 feet bgs, includes trace fine to coarse-grained subrounded to subangular sand.
48				7		
				8		
	24	- -	0.0	9		Change to soft to medium stiff, very low plasticity, slightly moist, includes little fine to coarse-grained sand, faint odor.
				10	CL	
48	42	- - -	0.0	11		Change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), medium stiff, dry, moderate odor.
				12		
				13		
				14		
48				15		
				16		
	24	- -	0.0	17		Change to very dark greyish brown (10YR 3/2), medium stiff, low plasticity, dry, with little fine to medium-grained sand.
				18		
12	12	-		19		Change to soft to medium stiff, slightly moist.
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC Engineering, Inc.

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

LOG OF SOIL BORING:

E39

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG
48				21					CL
	30	-		22					ML
		-		23					SW
		-	0.0	24					

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

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

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

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

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **E40**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Enprob
LICENSE NUMBER: 777007

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

DRILLING AND SAMPLING METHODS: Hand-augered to 3 feet bgs. Direct push 5410 Geoprobe with Macro Core Clear Acetate Liners.

				START	FINISH
WATER LEVEL	▽ 18.25				
TIME	1122			TIME 1045	TIME 1120
DATE	9/13/06			DATE 9/13/06	DATE 9/13/06
REFERENCE	GS				

SURFACE CONDITIONS: Concrete

DESCRIPTION BY: D. Pew Reviewed by: JJ Ney

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CONCRETE	CONCRETE to 10" bgs.
				1	GM	SILTY GRAVEL(aggregate base fill), Dark brown (7.5YR 3/3), loose, angular gravel to 0.75" diameter, dry.
				2	CL	SILTY CLAY, Black (5Y 2.5/1), medium stiff, low plasticity, dry.
48				3		
	36		0.0	4	ML	CLAYEY SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), medium stiff, very low plasticity, trace fine-grained sand, dry.
				5	SM	SILTY SAND, Dark greyish brown (2.5Y 4/2), loose, fine to coarse-grained subrounded to subangular sand, dry.
				6	CL	SILTY CLAY, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft to medium stiff, low plasticity, slightly moist.
48				7	ML	SILT, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft to medium stiff, little fine-grained sand, slightly moist.
	42		0.0	8		
				9		SILTY CLAY, Mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), soft to medium stiff, very low plasticity, trace fine to medium-grained sand, slightly moist.
			0.0	10		Change to very dark greenish grey (GLEY1 10Y 3/1), no sand, moderate odor.
48				11		
	42		0.0	12		Change to slight odor.
				13	CL	Change to mottled dark grey (10YR 4/1) and dark yellowish brown (10YR 3/4), no odor.
				14		
48				15		
	42		0.0	16		Includes little fine to medium-grained sand from 15 to 18 feet bgs.
				17		
				18 ▽		CLAYEY SILT, Very dark greyish brown (10YR 3/2), soft, wet.
				19	ML	
36	36			20		Includes little fine to medium-grained sand beginning at 19.25 feet bgs.

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

ETIC
Engineering, Inc.

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

LOG OF SOIL BORING:

E40

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG
		-	0.0		
		-			ML
				21	
					SM
				22	
24	24				SW
		-		23	
		-	0.0		CL
		-		24	

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

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

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

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

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

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

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		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 3" Asphalt
				1		
				2		
				3		
				4		
6	6		1.0	5		SILTY CLAY, black (5Y 2.5/1), medium stiff, low plasticity, dry
				6		
				7		
				8 ▼		
24	24	-		9		Color change to mottled very dark gray (10YR 3/1) and dark yellowish brown (10YR 3/4), little fine sand
		-				
		-	0.4	10	CL	Change to no fine sand, slightly moist
60	60	-				
		-		11		
		-				
				12		
				13		
				14		Change to moist
			0.1	15		Change to dry
60	60	-				
		-		16		
		-				
				17		
				18		
				19		Same as above
			0.1			
				20		

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					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

Revised by:

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	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		
		-		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	CL	
		-		11		
		-		12		
				▼ 13		Color change to very dark gray (10YR 3/1), slight petroleum hydrocarbon odor
				14		
60	60	-	0.1	15		Color change to mottled very dark gray (10YR 3/1) and dark yellowish brown (10YR 3/4), no odor
		-		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		

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: 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						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. 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 (10YR 2/1), medium stiff, low plasticity, dry
				2						
				3						
				4						
60	60	-	0.1	5			X			
		-		6						
		-		7						Color change to mottled very dark gray (10YR 3/1) and dark yellowish brown (10 YR 3/4)
				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						
									SW	GRAVELLY SAND, dark greenish gray (10YR 4/1), loose, fine to coarse subrounded sand, subrounded gravel to 0.5" diameter, wet
			0.1	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: **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. Iob

Reviewed by:

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
				0	ASPHALT	3" Asphalt SILTY GRAVEL (aggregate base fill), dark brown (7.5YR 3/3), loose, angular gravel to 1" diameter, dry
				1	GM	
				2		SILTY CLAY, black (5Y 2.5/1), medium stiff, low plasticity, dry
				3		
				4		
6	6		8.2	5		
				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		
				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		
				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		

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: E44

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
		-								
		-								
			2.7	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
			2.4	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)	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 (10YR 2/1), firm to medium stiff, low plasticity, dry
				3		
				4		
6	6		0.1	5	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		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	CL	
60	60	-				
		-		16		
		-				
				17		
				18		
				19		
			0.4			
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE RECOVERED

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)	GRAPHIC LOG	
60	60	-		21	CL	SILTY CLAY, same as above
		-		22		
		-		23		
				▽ 24		Change to wet
			0.9	25		
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		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		

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: **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: JD Nedy

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
				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						
				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					CL	Color change to dark greenish gray (GLEY 5GY 3/1), strong petroleum hydrocarbon odor
60	60			11						Change to firm
			30.7	12						Change to medium stiff
				13						Change to no odor
				14						
			0.1	15						
60	60			16						
				17						
				18						
				19						
			0.8	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: 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						
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						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: LS Neely

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					GP	GRAVEL (pea gravel fill), gray (5Y 6/1), loose, rounded gravel to 0.5" diameter, dry
				2						
24	24	-		3						
		-		4					SC	CLAYEY SAND, very dark grayish brown (2.5Y 3/2), medium dense, medium to coarse sand, dry
60	60	-	0.1	5						
		-		6						
				7						
				8						
				9						
				10					CL	SILTY CLAY, very dark grayish brown (10YR 3/2), firm, very low plasticity, little medium to coarse sand, slightly moist
60		-	0.1	11						
		-		12						CLAY, very dark grayish brown (10YR 3/2), firm, low plasticity, moist
	33			13					SP	SAND, very dark gray (5Y 3/1), loose, fine to medium sand, wet
				14						
			0.1	15						Boring terminated at 15 feet. Boring filled and sealed with a grout consisting of neat cement.
				16						
				17						
				18						
				19						
				20						

LOG OF SOIL BORING SL-OAK BL.GPJ ETIC.GDT 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	8" Concrete
				1	CL	SILTY CLAY, black (5Y 2.5/1). mediul stiff, low plasticity, dry
				2		
				3		
6	6		0.1	4		
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	ML	CLAYEY SILT, olive brown (2.5Y 4/4), soft, moist
60	60	-		10		
		-		11		
		-		12		
			1.2	13		SILTY CLAY, greenish black (5GY 2.5/1), medium stiff, low plasticity, slight petroleum hydrocarbon odor, dry
				14		CLAY, very dark brown (10YR 2/2), hard, very low plasticity, no odor, dry
				15		
60	60	-	0.3	16	CL	
		-		17		Color change to mottled very dark brown (10YR 2/2) and dark yellowish brown (10YR 3/4)
		-		18		
				19		
			0.1	20		

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: 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	
				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						
				5			X			
6	6		1.3	6						Color change to mottled very dark grayish brown (10YR 3/2) and dark yellowish brown (10YR 3/6)
48	48	-		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	-							CL	Color change to mottled very dark grayish brown (10YR 3/2) and dark yellowish brown (10YR 3/6), no odor
		-		11						
		-								
				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						Change to firm
36	36	- - -		26					CL-ML	CLAYEY SILT/ SILTY CLAY, olive brown (2.5Y 4/3), soft, low plasticity, slightly moist
				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						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	DESCRIPTION
				0	CONCRETE	8" Concrete
				1		GRAVEL (pea gravel fill), gray (5YR 6/1), loose, rounded gravel to 0.5" diameter, dry
				2	GP	
				3		
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)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
				0					ASPHALT	ASPHALT 4" Asphalt SILTY CLAY, black (5YR 2.5/1), medium stiff, low plasticity, dry
				1						
				2						
				3						
				4						
				5					CL	
60	60	-	0.1	6						Color change to mottled very dark grayish brown (10YR 4/1) and dark yellowish brown (10YR 3/4), little fine to medium sand
		-		7						
		-		8						
				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
				10						SILTY CLAY, greenish black (GLEY 10Y 2.5/1), medium stiff, low plasticity, dry
60	60	-	0.2	11						Color change to mottled very dark grayish brown (10YR 4/1) and dark yellowish brown (10YR 3/4)
		-		12					CL	
		-		13						Color change to dark greenish gray (GLEY 10Y 3/1), little medium to coarse sand
				14						
				15					ML	CLAYEY SILT, mottled dark greenish gray (GLEY 10Y 3/1) and dark yellowish brown (10YR 3/4), soft, low plasticity, wet
60	60	-	0.5	16						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
		-		17					CL	
		-		18						
				19						SILTY CLAY/ CLAYEY SILT (19.5-20 feet), very dark grayish brown (10YR 4/1), medium stiff, low plasticity, little fine sand, dry
			0.6	20					CL-ML	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		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	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					CL	Change to slightly moist
		-	1.3	11			X			
		-		12						Change to very dark greenish gray (GLEY 10Y 3/1), no sand, slight petroleum hydrocarbon odor
			3.0	13			X			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						
			1.3	20			X		ML	CLAYEY SILT, very dark grayish brown (10YR 3/1), soft, low plasticity, wet

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 B

SUBSURFACE INVESTIGATION DATA
JANUARY 2009

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: 12/18/2008 By jamesy

Permit Numbers: W2008-0964 to W2008-0968
Permits Valid from 01/19/2009 to 01/23/2009

Application Id: 1229590019988
City of Project Site: Oakland
Site Location: 955 Kennedy Street
Oakland, CA 94606
Project Start Date: 01/19/2009
Completion Date: 01/23/2009
Requested Inspection: 01/20/2009
Scheduled Inspection: 01/20/2009 at 2:00 PM (Contact your inspector, Vicky Hamlin at (510) 670-5443, to confirm.)

Applicant: PSC Industrial Outsourcing, LP - Douglas Jander
210 West Sand Bank Road, Columbia, IL 62236
Phone: 618-281-1546

Property Owner: Earthgrains Baking Companies, Inc.
955 Kennedy Street, Oakland, CA 94606
Phone: --

Client: ** same as Property Owner **

	Total Due:	$1725.00
Receipt Number: WR2008-0462	**Total Amount Paid:**	$1725.00
Payer Name : Douglas Jander	Paid By: MC	**PAID IN FULL**

Works Requesting Permits:

Well Construction-Monitoring-Monitoring - 5 Wells
Driller: Gregg Drilling & Testing, Inc. - Lic #: 485165 - Method: auger **Work Total: $1725.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2008-0964	12/18/2008	04/19/2009	DW-1	15.00 in.	6.00 in.	3.00 ft	15.00 ft
W2008-0965	12/18/2008	04/19/2009	MW-101	8.00 in.	2.00 in.	15.00 ft	30.00 ft
W2008-0966	12/18/2008	04/19/2009	MW-201	8.00 in.	2.00 in.	15.00 ft	30.00 ft
W2008-0967	12/18/2008	04/19/2009	MW-301	8.00 in.	2.00 in.	15.00 ft	30.00 ft
W2008-0968	12/18/2008	04/19/2009	MW-401	8.00 in.	2.00 in.	15.00 ft	30.00 ft

Specific Work Permit Conditions

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

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

3. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required

for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

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

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

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

7. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.

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

9. Minimum seal (Neat Cement seal) depth for monitoring wells is 5 feet below ground surface(BGS) or the maximum depth practicable or 20 feet.

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

PSC

BORING/WELL CONSTRUCTION LOG

Project: **Earthgrains Baking Companies Inc.**		Boring No.: **DW-1**	Page(s): **1 of 1**
Client: **Sara Lee Bakery Group, Inc.**		Project #: **62402797 / 024530**	Date: **1/20/2009**
Location: **955 Kennedy St. Oakland, CA**	Coordinates: **LAT 37.7788786 LON -122.2399987**		Datum: **NAD 83**
Drilling Company: **Gregg Drilling & Testing, Inc.**	Driller: **Jason Weff**	Logger: **Brendon J. Wilder**	

WELL CONSTRUCTION SUMMARY

Depth (ft)	Casing and Screen	Depth (ft)	Annulus	Surface Completion
0 to 5	6" PVC Sch. 40	0 to 3	Type II-IV Cement	Flush Mount Vault
5 to 15	6" PVC 0.02" Slot Sch. 40	3 to 15	#2/12 Sand	
		to		

Depth (ft)	SAMPLE TYPE	SAMPLE TIME	Blow Counts Top 6"	Blow Counts Middle 6"	Blow Counts Bottom 6"	USCS	PID Readings	Description (Modifier and Main Soil; minor soil components, color; consistency/density, moisture, odor, staining)
1								Top 16" concrete
2								1.5' concrete slab @ ~ 2' bgs (jack-hammer used to advance boring)
3								
4								**FILL**: Silty CLAY, with gravel, medium dense, debris includes bricks and concrete
5		10:55				*		
6	S.S.		3	5	5		<5	
7								
8								
9		11:00						Grey to dark brown, loose, wet, heavy diesel staining and odor
10	S.S.		2	1	3		83.5	With sand
11	S.S.		4	4	3		<5	
12		11:05						**FILL**: Sand, poorly graded, medium grained, dark grey, loose, wet, stained, slight
13	S.S.		2	2	5		<5	diesel odor (appears to be old UST bedding sand)
14		11:10						
15	S.S.	11:15					<5	
16								Terminate @ 15' bgs on silty CLAY. Set well with 10' screen (.02" slot screen) riser and screen 6" PVC
17								
18								
19								
20								

Notes: Drilled borehole using 8" hollow-stem augers with California Modified Split-Spoon Sampling. Brass sample tubes = 6" in length.
Soil consisted of fill material for the full depth of the boring.

Reviewed By:
John R. Carrow, PG

BORING/WELL CONSTRUCTION LOG

Project: **Earthgrains Baking Companies Inc.**		Boring No.: **MW-101**	Page(s): **1 of 2**
Client: **Sara Lee Bakery Group, Inc.**		Project #: **62402797 / 024530**	Date: **1/19/2009**
Location: **955 Kennedy St. Oakland, CA**	Coordinates: **LAT 37.7786814 LON -122.2400025**		Datum: **NAD 83**
Drilling Company: **Gregg Drilling & Testing, Inc.**	Driller: **Jason Weff**	Logger: **Brendon J. Wilder**	

WELL CONSTRUCTION SUMMARY

Depth (ft)	Casing and Screen	Depth (ft)	Annulus	Surface Completion
0 to 18	2" PVC Sch. 40	0 to 14	Type II-IV Cement	Flush Mount Vault
18 to 28	2" PVC 0.01" Slot Sch. 40	14 to 16	3/8" Bentonite Chips	
		16 to 28	#2/12 Sand	

Depth (ft)	SAMPLE TYPE	SAMPLE TIME	Blow Counts Top 6"	Blow Counts Middle 6"	Blow Counts Bottom 6"	USCS	PID Readings	Description (Modifier and Main Soil; minor soil components, color; consistency/density, moisture, odor, staining)
								Top 1" concrete
1-								Air knifed/hand augered to 5' below ground surface in pea gravel/fill.
2-								
3-								
4-								
5-		10:30						Silty **CLAY**; trace sand, mottled dark brown (5YR 2.5/1)/dark grey (7.5 YR 4/1),
6-	S.S.		3	4	5	CL	<5	soft to firm, damp, no petroleum odor.
7-								
8-								
9-		10:35						Some sand, firm, no petroleum odor.
10-	S.S.		4	6	6	CL	<5	
11-								
12-								
13-								
14-		10:40						
15-	S.S.		5	5	6	CL	<5	
16-								
17-								
18-		10:50						Sandy **CLAY**; some gravel (3/8"-1"), dark grey (7.5YR 5/4), soft moist to wet, no
19-	S.S.		4	4	5	CL	<5	petroleum odor, water @ approximately 18.5 bgs.
20-								

Notes: Drilled borehole using 8" hollow-stem augers with California Modified Split-Spoon Sampling. Brass sample tubes = 6" in length.

Reviewed By:
John R. Carrow, PG

PSC

BORING/WELL CONSTRUCTION LOG

Project: **Earthgrains Baking Companies Inc.**		Boring No.: **MW-101**	Page(s): **2 of 2**
Client: **Sara Lee Bakery Group, Inc.**		Project #: **62402797 / 024530**	Date: **1/19/2009**
Location: **955 Kennedy St. Oakland, CA**	Coordinates: **LAT 37.7786814 LON -122.2400025**		Datum: **NAD 83**
Drilling Company: **Gregg Drilling & Testing, Inc.**	Driller: **Jason Weff**	Logger: **Brendon J. Wilder**	

WELL CONSTRUCTION SUMMARY

Depth (ft)	Casing and Screen	Depth (ft)	Annulus	Surface Completion
0 to 18	2" PVC Sch. 40	0 to 14	Type II-IV Cement	Flush Mount Vault
18 to 28	2" PVC 0.01" Slot Sch. 40	14 to 16	3/8" Bentonite Chips	
		16 to 28	#2/12 Sand	

Depth (ft)	SAMPLE TYPE	SAMPLE TIME	Blow Counts: Top 6"	Middle 6"	Bottom 6"	USCS	PID Readings	Description (Modifier and Main Soil; minor soil components, color; consistency/density, moisture, odor, staining)
21						CL		Sandy **CLAY**; some gravel (3/8"-1"), dark grey (7.5YR 5/4), firm, moist to wet, no petroleum odor.
22								
23								
24	S.S.	10:55	5	5	5	CL	<5	Silty **CLAY**; some sand, some gravel, dark brown (5YR 2.5/1), firm to stiff, damp, no petroleum odor.
25								
26								
27	S.S.	11:00	4	7	10	CL	<5	Mottled dark brown (5YR 2.5/1)/dark grey (7.5YR 5/4), stiff, moist, no petroleum odor.
28								Terminate borehole at 28' bgs @ 11:00.
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								

Notes: Drilled borehole using 8" hollow-stem augers with California Modified Split-Spoon Sampling. Brass sample tubes = 6" in length.

Reviewed By:
John R. Carrow, PG

PSC

BORING/WELL CONSTRUCTION LOG

Project: **Earthgrains Baking Companies Inc.**		Boring No.: **MW-102**	Page(s): **1 of 2**
Client: **Sara Lee Bakery Group, Inc.**		Project #: **62402797 / 024530**	Date: **1/20/2009**
Location: **955 Kennedy St. Oakland, CA**	Coordinates: **LAT 37.7789004 LON -122.2400355**		Datum: **NAD 83**
Drilling Company: **Gregg Drilling & Testing, Inc.**	Driller: **Jason Weff**	Logger: **Brendon J. Wilder**	

WELL CONSTRUCTION SUMMARY

Depth (ft)	Casing and Screen	Depth (ft)	Annulus	Surface Completion
0 to 18	2" PVC Sch. 40	0 to 14	Type II-IV Cement	Flush Mount Vault
18 to 28	2" PVC 0.01" Slot Sch. 40	14 to 16	3/8" Bentonite Chips	
		16 to 28	#2/12 Sand	

Depth (ft)	SAMPLE TYPE	SAMPLE TIME	Blow Counts Top 6"	Middle 6"	Bottom 6"	USCS	PID Readings	Description (Modifier and Main Soil; minor soil components, color; consistency/density, moisture, odor, staining)
1								Top 14" concrete
2								Air knifed/hand augered to 5' below ground surface. Drilled borehole using 8" hollow-stem augers with California Modified Split-Spoon Sampling.
3								
4								
5		9:30						
6	S.S.		4	5	7	CL	<5	Silty **CLAY**; very dark greyish-brown (2.5 YR 3/2), mottled dark yellowish brown (10 YR 3/4), soft to medium stiff, damp.
7								
8								
9		9:35						Coarse-grained angular sand, dark brown (5 YR 3/1), stiff, moist.
10	S.S.		3	4	5	CL	<5	
11								
12								
13								
14		9:40						With less silt %, medium stiff, moist to very moist.
15	S.S.		5	7	7	CL	<5	
16								
17								
18		9:45						Sandy **CLAY**; dark brown mottled dark grey (5 YR 5/1), stiff, moist, no odor.
19	S.S.		3	6	6	CL	<5	
20								

Notes: Brass sample tubes = 6" in length. Sand #2/12 Monterey 50# bags:5.5. Type II-IV cement 94# bags. Bentonite chips 3/8" 50 lbs bags.

Reviewed By:
John R. Carrow, PG

BORING/WELL CONSTRUCTION LOG

Project: Earthgrains Baking Companies Inc.		Boring No.: MW-102	Page(s): 2 of 2
Client: Sara Lee Bakery Group, Inc.		Project #: 62402797 / 024530	Date: 1/20/2009
Location: 955 Kennedy St. Oakland, CA	Coordinates: LAT 37.7789004 LON -122.2400355		Datum: NAD 83
Drilling Company: Gregg Drilling & Testing, Inc.	Driller: Jason Weff	Logger: Brendon J. Wilder	

WELL CONSTRUCTION SUMMARY

Depth (ft)	Casing and Screen	Depth (ft)	Annulus	Surface Completion
0 to 18	2" PVC Sch. 40	0 to 14	Type II-IV Cement	Flush Mount Vault
18 to 28	2" PVC 0.01" Slot Sch. 40	14 to 16	3/8" Bentonite Chips	
		16 to 28	#2/12 Sand	

Depth (ft)	SAMPLE TYPE	SAMPLE TIME	Blow Counts Top 6"	Blow Counts Middle 6"	Blow Counts Bottom 6"	USCS	PID Readings	Description (Modifier and Main Soil; minor soil components, color; consistency/density, moisture, odor, staining)
21-						CL		Sandy **CLAY**; yellowish brown (7.5 YR 5/6), mottled dark grey (5 YR 5/1), stiff, moist, no odor.
22-								
23-								
24-	S.S.	9:50	3	5	6	CL	<5	
25-								
26-								
27-	S.S.	10:00	9	7	6	SP	<5	Gravelly **SAND**, some fines, medium brown (5 YR 4/2), medium dense, wet, no petroleum odor
28-								Terminate borehole at 28' bgs @ 10:00
29-								
30-								
31-								
32-								
33-								
34-								
35-								
36-								
37-								
38-								
39-								
40-								

Notes: Brass sample tubes = 6" in length. Sand #2/12 Monterey 50# bags:5.5. Type II-IV cement 94# bags. Bentonite chips 3/8" 50 lbs bags.

Reviewed By:
John R. Carrow, PG

BORING/WELL CONSTRUCTION LOG

Project: **Earthgrains Baking Companies Inc.**		Boring No.: **MW-103**	Page(s): **1 of 2**
Client: **Sara Lee Bakery Group, Inc.**		Project #: **62402797 / 024530**	Date: **1/19/2009**
Location: **955 Kennedy St. Oakland, CA**	Coordinates: **LAT 37.7789437 LON -122.2399131**		Datum **NAD 83**
Drilling Company: **Gregg Drilling & Testing, Inc.**	Driller: **Jason Weff**	Logger: **Brendon J. Wilder**	

WELL CONSTRUCTION SUMMARY

Depth (ft)	Casing and Screen	Depth (ft)	Annulus	Surface Completion
0 to 10	2" PVC Sch. 40	0 to 6	Type II-IV Cement	Flush Mount Vault
10 to 25	2" PVC 0.01" Sch. 40	6 to 8	3/8" Bentonite Chips	
		8 to 25	#2/12 Sand	

Depth (ft)	SAMPLE TYPE	SAMPLE TIME	Blow Counts Top 6"	Middle 6"	Bottom 6"	USCS	PID Readings	Description (Modifier and Main Soil; minor soil components, color; consistency/density, moisture, odor, staining)
								Top 1' concrete
1-								Air knifed/hand augered to 5' below ground surface. Drilled borehole using 8" hollow-
2-								stem augers with California Modified Split-Spoon Sampling
3-								
4-								
5-								
6-	S.S.	13:15	4	5	5	CL	<5	Silty **CLAY**; trace sand, dark brown (5 YR 2.5/1), mottled grey (7.5 YR 5/1), soft to firm, damp
7-								
8-								
9-	S.S.		2	2	3		<5	Sandy, very soft, wet
10-		13:20						
11-								
12-						SM		Silty **SAND**, dark brown (5 YR 2.5/1), loose, wet, no petroleum odor
13-								
14-	S.S.	13:25	2	1	0		<5	NO RECOVERY
15-								
16-								
17-								
18-								
19-	S.S.	13:30	5	8	14	CL	<5	Sandy **CLAY**; some gravel (sub-angular), dark brown (5 YR 2.5/1), stiff to hard, wet.
20-								

Notes: Brass sample tubes = 6" in length. Sand #2/12 Monterey 50# bags:5.5. Type II-IV cement 94# bags. Bentonite chips 3/8" 50 lbs bags.

Reviewed By:
John R. Carrow, PG

PSC

BORING/WELL CONSTRUCTION LOG

Project: **Earthgrains Baking Companies Inc.**		Boring No.: **MW-103**	Page(s): **2 of 2**
Client: **Sara Lee Bakery Group, Inc.**		Project #: **62402797 / 024530**	Date: **1/19/2009**
Location: **955 Kennedy St. Oakland, CA**	Coordinates: **LAT 37.7789437 LON -122.2399131**		Datum **NAD 83**
Drilling Company: **Gregg Drilling & Testing, Inc.**	Driller: **Jason Weff**	Logger: **Brendon J. Wilder**	

WELL CONSTRUCTION SUMMARY

Depth (ft)	Casing and Screen	Depth (ft)	Annulus	Surface Completion
0 to 10	2" PVC Sch. 40	0 to 6	Type II-IV Cement	Flush Mount Vault
10 to 25	2" PVC 0.01" Sch. 40	6 to 8	3/8" Bentonite Chips	
		8 to 25	#2/12 Sand	

Depth (ft)	SAMPLE TYPE	SAMPLE TIME	Blow Counts Top 6"	Blow Counts Middle 6"	Blow Counts Bottom 6"	USCS	PID Readings	Description (Modifier and Main Soil; minor soil components, color; consistency/density, moisture, odor, staining)
21								Sandy **CLAY**; some gravel (sub-angular), dark brown (5 YR 2.5/1), stiff to hard, wet.
22								
23								
24	S.S.	13:40	10	15	25		<5	Gravelly **SAND**, sub-angular gravels up to 1", dense, moist, no petroleum odor.
25								Terminate borehole at 25' bgs @ 13:40, 15' PVC screen with .010 slot, 10' PVC riser.
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								

Notes: Brass sample tubes = 6" in length. Sand #2/12 Monterey 50# bags:5.5. Type II-IV cement 94# bags. Bentonite chips 3/8" 50 lbs bags.

Reviewed By:
John R. Carrow, PG

PSC

BORING/WELL CONSTRUCTION LOG

Project: **Earthgrains Baking Companies Inc.**		Boring No.: **MW-104**	Page(s): **1 of 2**
Client: **Sara Lee Bakery Group, Inc.**		Project #: **62402797 / 024530**	Date: **1/20/2009**
Location: **955 Kennedy St. Oakland, CA**	Coordinates: **LAT 37.7788276 LON -122.2399077**		Datum: **NAD 83**
Drilling Company: **Gregg Drilling & Testing, Inc.**	Driller: **Jason Weff**	Logger: **Brendon J. Wilder**	

WELL CONSTRUCTION SUMMARY

Depth (ft)	Casing and Screen	Depth (ft)	Annulus	Surface Completion
0 to 10	2" PVC Sch. 40	0 to 6	Type II-IV Cement	Flush Mount Vault
10 to 25	2" PVC 0.01" Sch. 40	6 to 8	3/8" Bentonite Chips	
		8 to 25	#2/12 Sand	

Depth (ft)	SAMPLE TYPE	SAMPLE TIME	Blow Counts Top 6"	Blow Counts Middle 6"	Blow Counts Bottom 6"	USCS	PID Readings	Description (Modifier and Main Soil; minor soil components, color; consistency/density, moisture, odor, staining)
								Top 1' concrete
1-								
2-								Air knifed/hand augered to 5' below ground surface in remorked native fill. Drilled borehole using 8" hollow-stem augers with California Modified Split-Spoon Sampling
3-								
4-								
5-						CL		Silty **CLAY**; some sand, trace gravel, medium brown (7.5 YR 3/3), mottled grey
6-	S.S.	7:50	1	2	5		<5	(10 YR 4/2), medium stiff, moist
7-								
8-								
9-								No sand, no gravel.
	S.S.	7:55	2	2	3		<5	Change to very dark greenish-grey (GLEY 1 2.5/1)
10-								Moist and stiff
11-								
12-								
13-								
14-	S.S.	8:00	3	4	6		<5	Change to mottled dark grey (10 YR 4/2) and dark yellowish brown (10 YR 3/4) stiff to hard and moist.
15-								
16-								
17-								
18-						GC		Clayey GRAVEL with sand, dark greyish brown
19-	S.S.	8:10	6	11	12		<5	Mottled dark grey (10 YR 4/2) and dark yellowish brown, dense, moist
20-								

Notes: Brass sample tubes = 6" in length. Sand #2/12 Monterey 50# bags:5.5. Type II-IV cement 94# bags. Bentonite chips 3/8" 50 lbs bags.

Reviewed By:
John R. Carrow, PG

PSC

BORING/WELL CONSTRUCTION LOG

Project: Earthgrains Baking Companies Inc.		**Boring No.:** MW-104	**Page(s):** 2 of 2
Client: Sara Lee Bakery Group, Inc.		**Project #:** 62402797 / 024530	**Date:** 1/20/2009
Location: 955 Kennedy St. Oakland, CA	**Coordinates:** LAT 37.7788276 LON -122.2399077		**Datum** NAD 83
Drilling Company: Gregg Drilling & Testing, Inc.	**Driller:** Jason Weff	**Logger:** Brendon J. Wilder	

WELL CONSTRUCTION SUMMARY

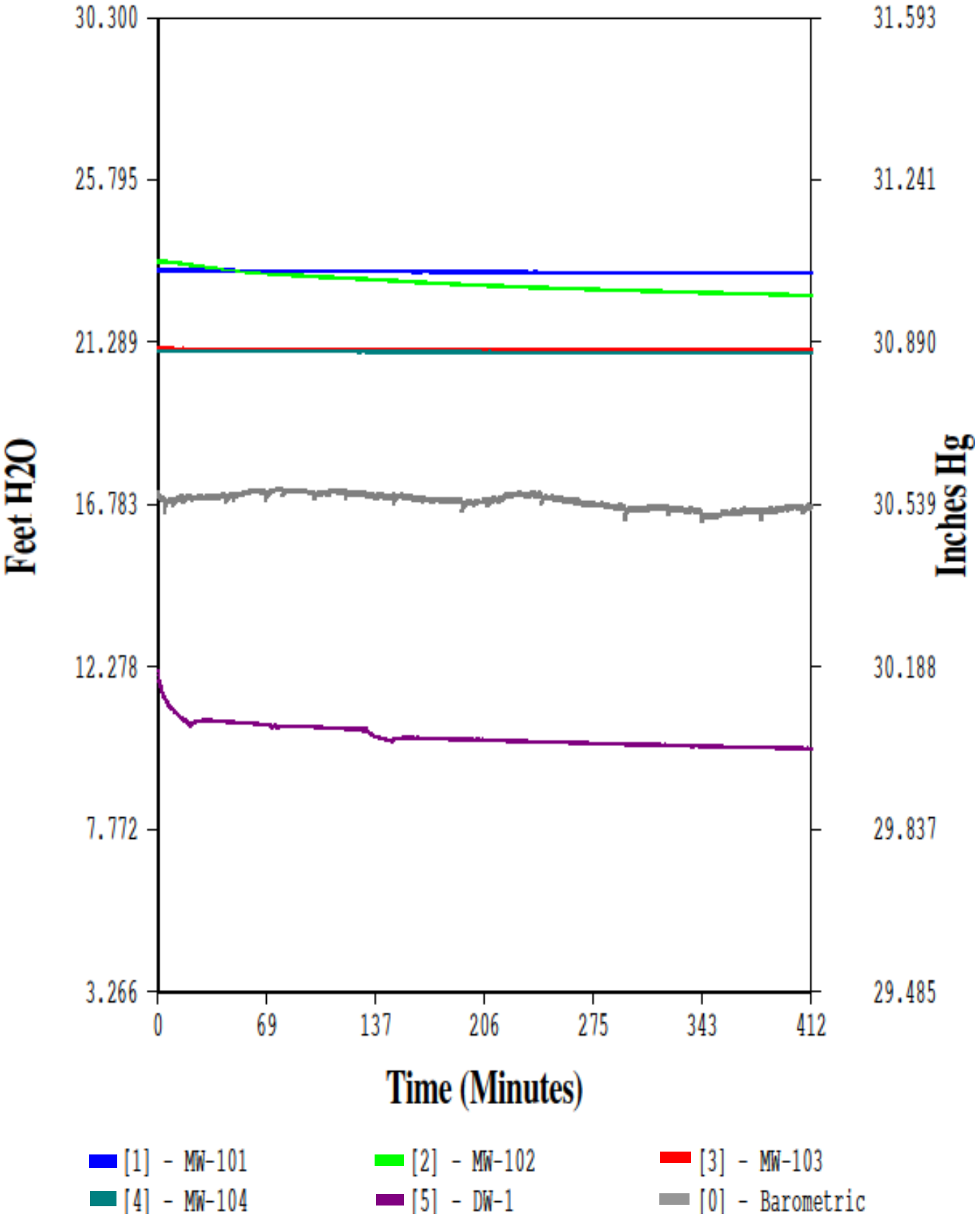
Depth (ft)	Casing and Screen	Depth (ft)	Annulus	Surface Completion
0 to 10	2" PVC Sch. 40	0 to 6	Type II-IV Cement	Flush Mount Vault
10 to 25	2" PVC 0.01" Sch. 40	6 to 8	3/8" Bentonite Chips	
		8 to 25	#2/12 Sand	

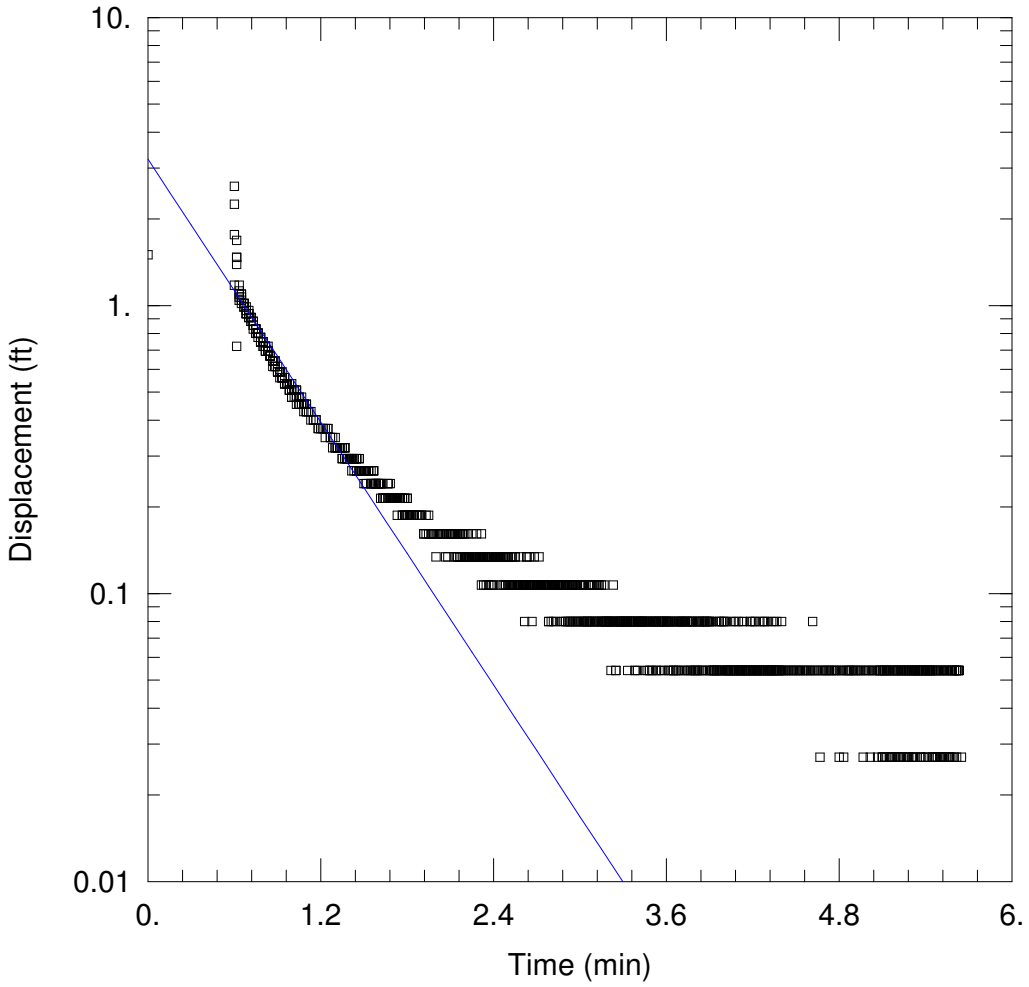
Depth (ft)	SAMPLE TYPE	SAMPLE TIME	Blow Counts Top 6"	Blow Counts Middle 6"	Blow Counts Bottom 6"	USCS	PID Readings	Description (Modifier and Main Soil; minor soil components, color; consistency/density, moisture, odor, staining)
21						GC		Clayey GRAVEL; with sand, dark greyish brown
22								Mottled dark grey (10 YR 4/2) and dark yellowish brown, dense, moist.
23								
24	S.S.	8:15	3	4	5		<5	
25								Terminate borehole at 25' bgs @ 8:20, 15' PVC screen with .010 slot, 10' PVC riser.
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								

Notes: Brass sample tubes = 6" in length. Sand #2/12 Monterey 50# bags:5.5. Type II-IV cement 94# bags. Bentonite chips 3/8" 50 lbs bags.

Reviewed By:
John R. Carrow, PG

Test #1


30.300
25.795
21.289
16.783
12.278
7.772
3.266
31.593
31.241
30.890
30.539
30.188
29.837
29.485
Feet H2O
Inches Hg
0
69
137
206
275
343
412
Time (Minutes)
[1] - MW-101
[2] - MW-102
[3] - MW-103
[4] - MW-104
[5] - DW-1
[0] - Barometric



WELL TEST ANALYSIS

Data Set: S:\...\MW-101 in BR Solution.aqt
Date: 09/22/09 Time: 10:31:08

AQUIFER DATA

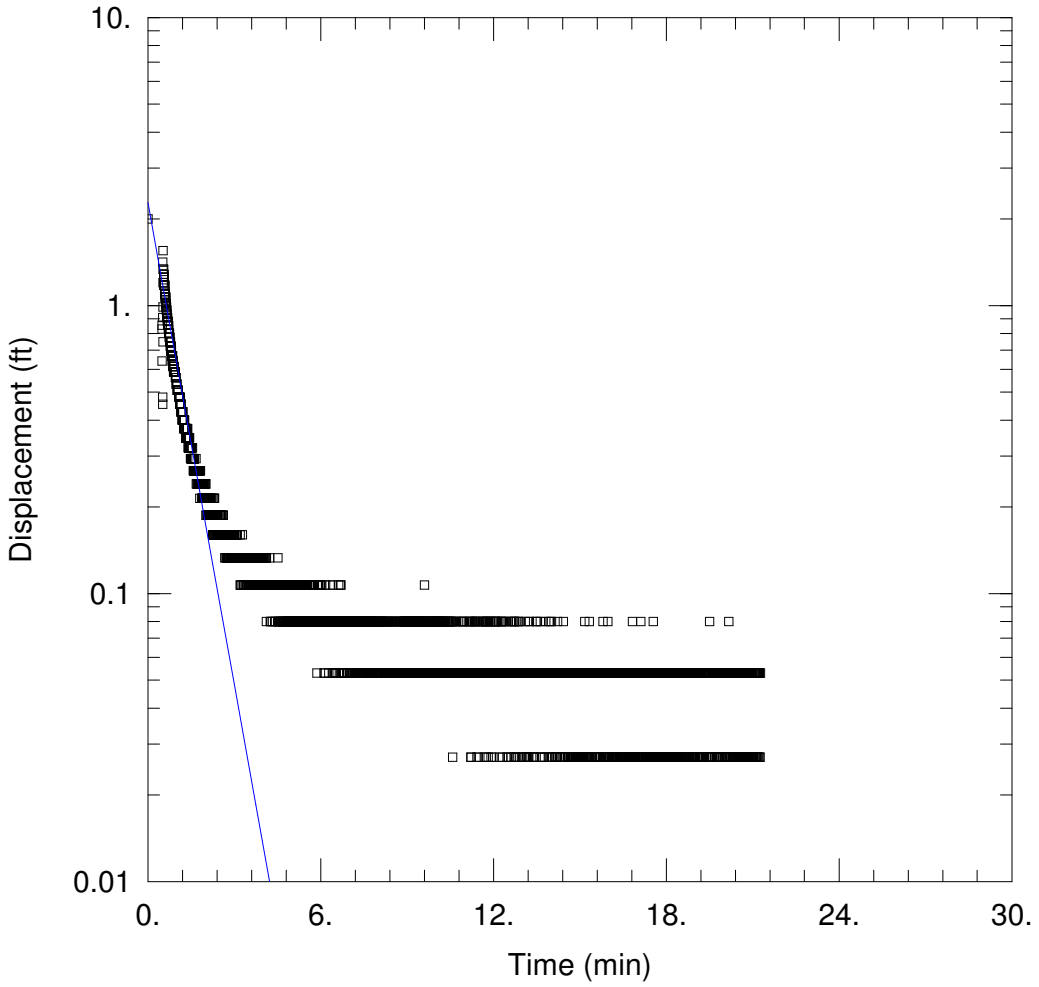
Saturated Thickness: 1. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (OW 1)

Initial Displacement: 1.5 ft
Wellbore Radius: 0.3333 ft
Screen Length: 10. ft
Gravel Pack Porosity: 0.5
Casing Radius: 0.08333 ft
Well Skin Radius: 0.3333 ft
Total Well Penetration Depth: 10. ft

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice
K = 0.001051 cm/sec
y0 = 3.222 ft



WELL TEST ANALYSIS

Data Set: S:\...\MW-101 out BR Solution.aqt
Date: 09/22/09 Time: 10:47:39

AQUIFER DATA

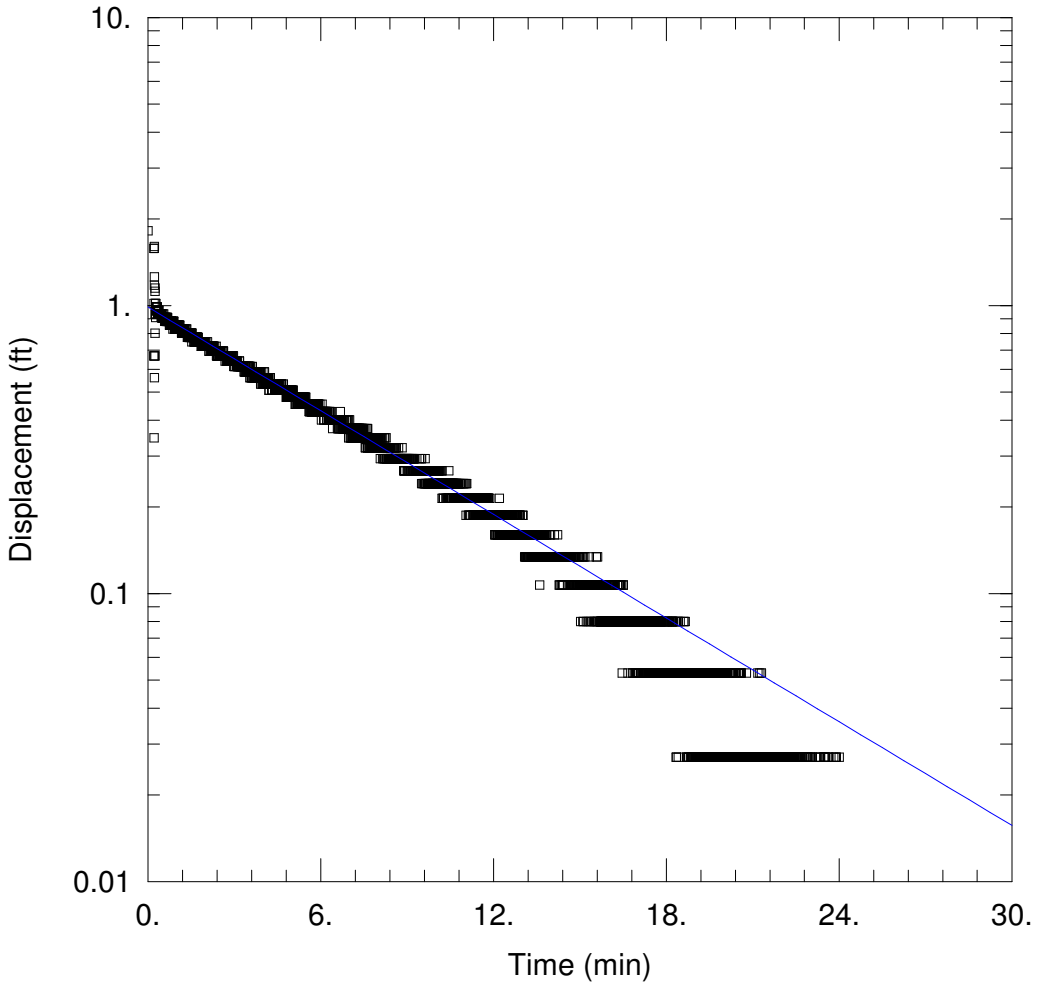
Saturated Thickness: 19. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-101OUT)

Initial Displacement: 2. ft
Wellbore Radius: 0.333 ft
Screen Length: 10. ft
Gravel Pack Porosity: 0.5
Casing Radius: 0.0833 ft
Well Skin Radius: 0.333 ft
Total Well Penetration Depth: 19. ft

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice
K = 0.0007701 cm/sec
y0 = 2.276 ft



WELL TEST ANALYSIS

Data Set: S:\...\MW-102 out BR Solution.aqt
Date: 09/22/09 Time: 10:45:17

PROJECT INFORMATION

Test Well: mw-102 out

AQUIFER DATA

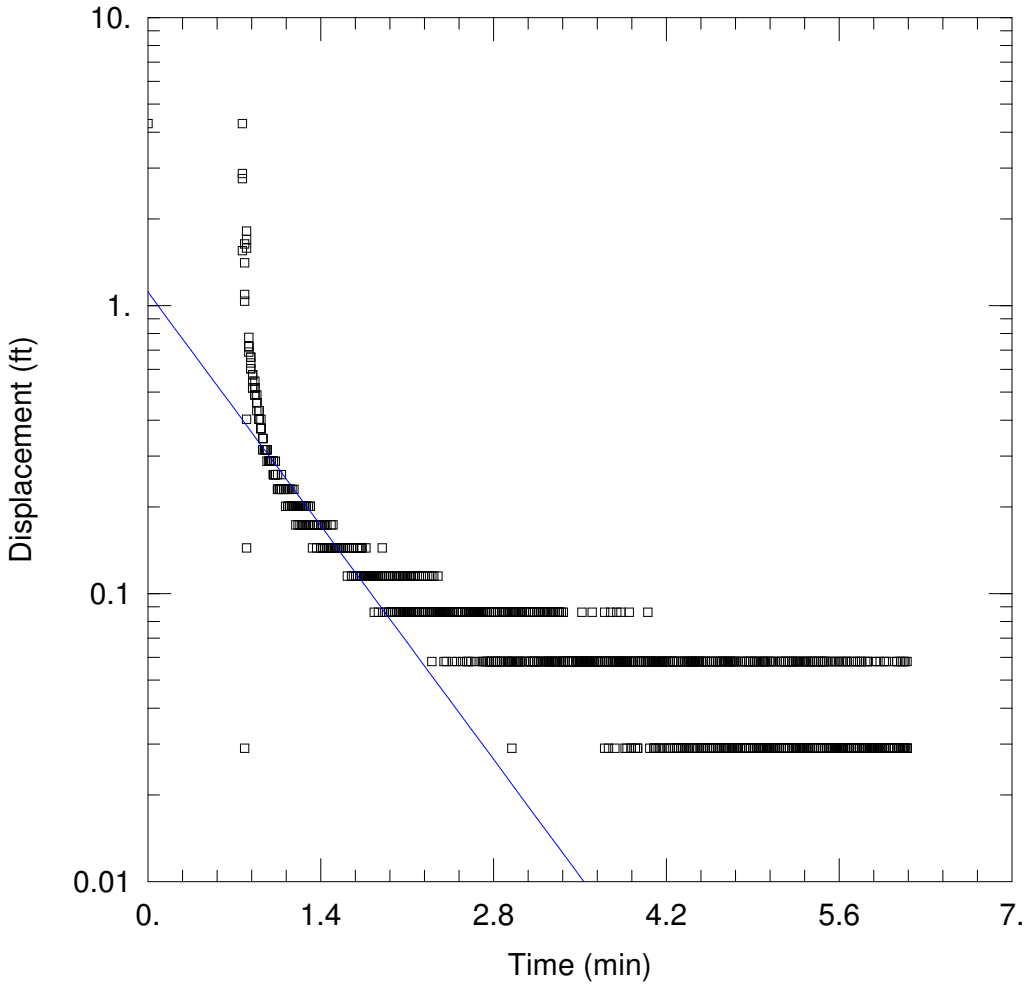
Saturated Thickness: 19. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (mw-102 out)

Initial Displacement: 1.817 ft
Wellbore Radius: 0.333 ft
Screen Length: 15. ft
Gravel Pack Porosity: 0.5
Casing Radius: 0.08333 ft
Well Skin Radius: 0.333 ft
Total Well Penetration Depth: 19. ft

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice
K = 6.187E-05 cm/sec
y0 = 0.9881 ft



WELL TEST ANALYSIS

Data Set: S:\...\MW-104 in BR Confined.aqt
Date: 09/22/09 Time: 10:43:04

PROJECT INFORMATION

Company: PSC
Test Well: mw-104 in

AQUIFER DATA

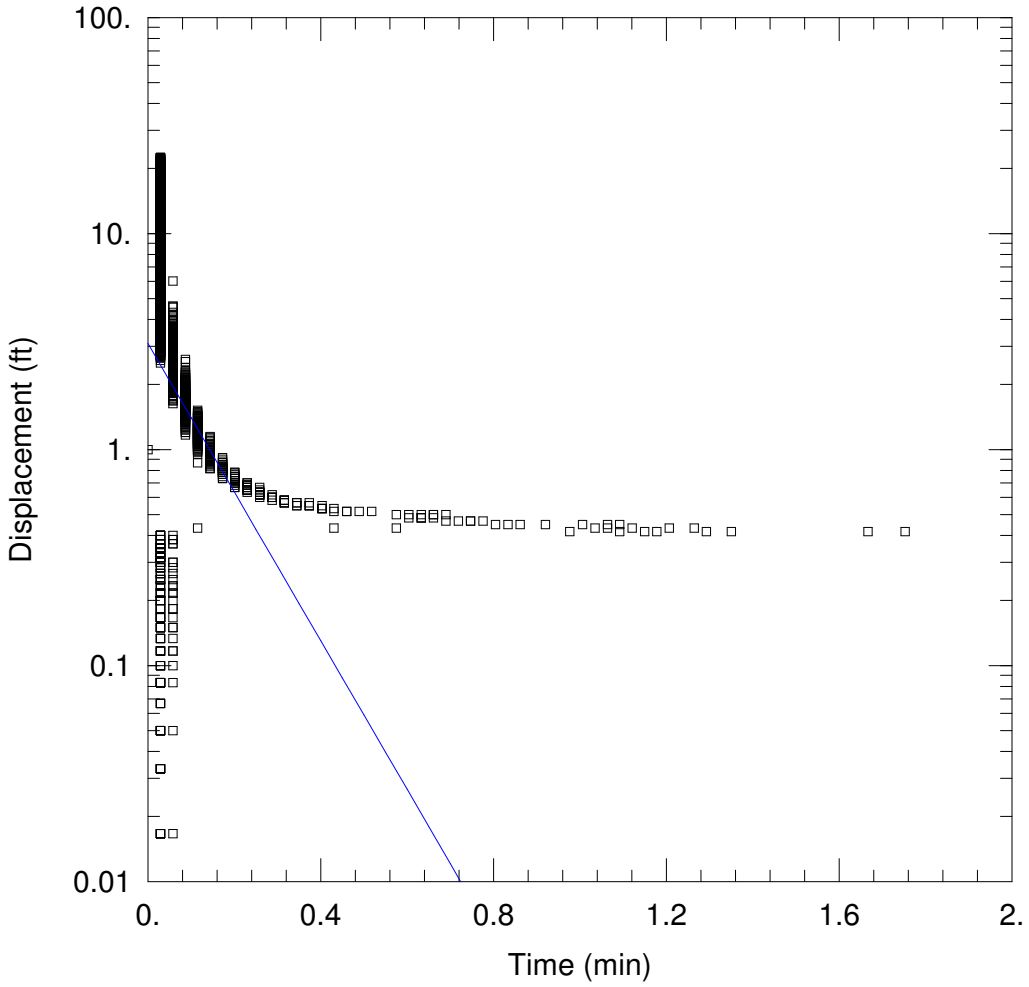
Saturated Thickness: 16. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-104 IN)

Initial Displacement: 4.282 ft
Wellbore Radius: 0.333 ft
Screen Length: 15. ft
Gravel Pack Porosity: 0.5
Casing Radius: 0.08333 ft
Well Skin Radius: 0.333 ft
Total Well Penetration Depth: 16. ft

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice
K = 0.0005974 cm/sec
y0 = 1.114 ft



WELL TEST ANALYSIS

Data Set: S:\...\MW-104 out BR Solution.aqt
Date: 09/22/09 Time: 10:43:55

PROJECT INFORMATION

Test Well: MW-104NOUT

AQUIFER DATA

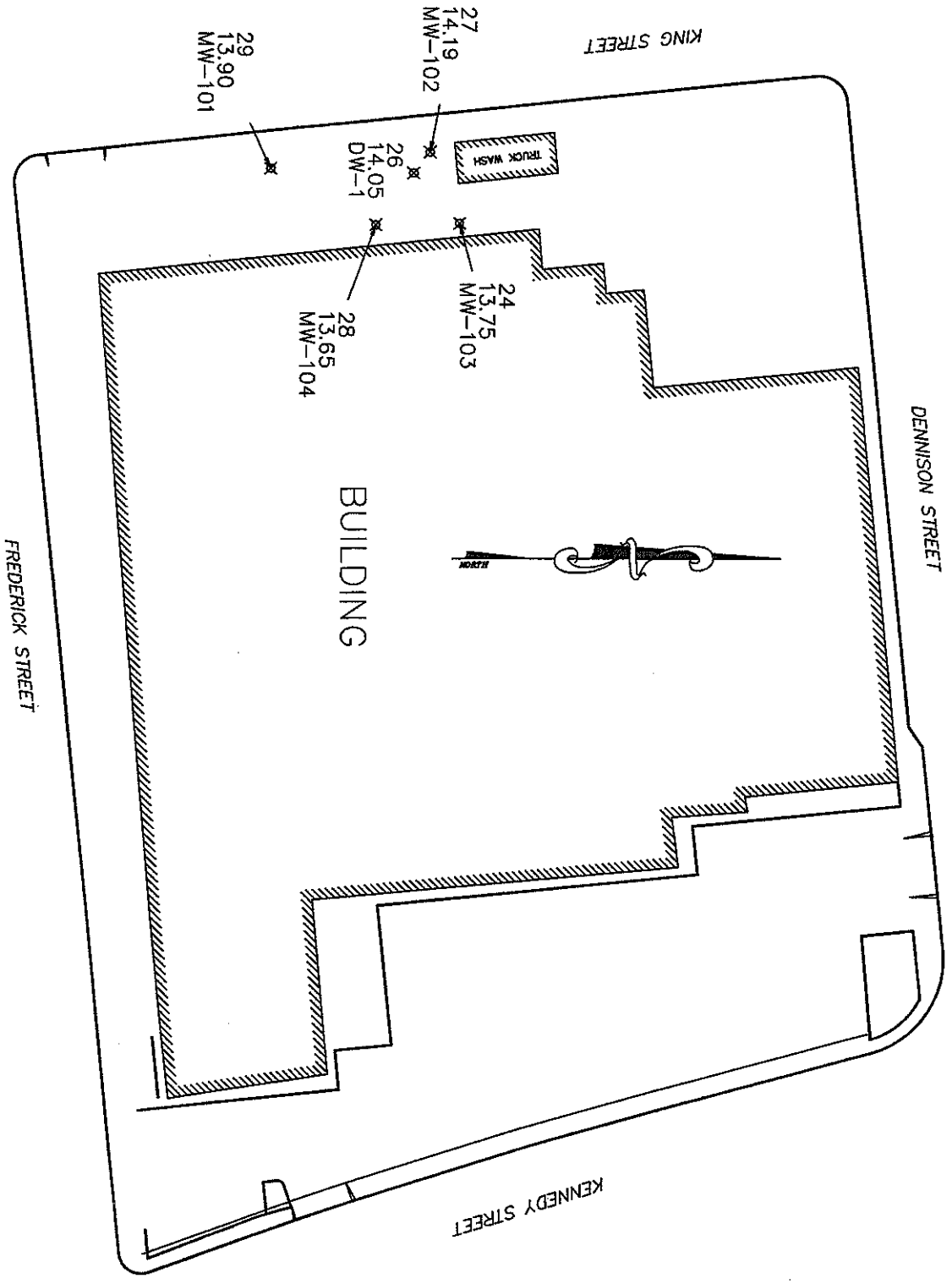
Saturated Thickness: 16. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-104 OUIT)

Initial Displacement: 1. ft
Wellbore Radius: 0.333 ft
Screen Length: 15. ft
Gravel Pack Porosity: 0.5
Casing Radius: 0.08333 ft
Well Skin Radius: 0.333 ft
Total Well Penetration Depth: 16. ft

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice
K = 0.003547 cm/sec
y0 = 3.098 ft



PLS SURVEYS, INC.
LAND & HYDROGRAPHIC SURVEYORS
2220 Livingston Street, Suite 202
Oakland, California 94606-5203
510.261.0900 FAX 510.261.3303
e-mail: plssurv@pacbell.net

Earthgrains Site

955 Kennedy St.

OAKLAND CALIFORNIA

SCALE	1"=80'
DATE	01/28/09
BY	JMB/JTH
JOB NO.	09-001

POINT NO.	NORTHING NAD83	EASTING NAD83	LATTITUDE	LONGITUDE	ELEVATION CASING	ELEVATION VAULT	DESCRIPTION	GPS CODE	ACCURACY CENTIMETER	HORZ. CODE	COMPANY	EQUIP.	DATE	VERT. CODE	CLASS
26	2110743.94	6058825.00	37.7788786	-122.2399987	14.05	14.49	DW-1	RTK	0.30	NAD83	PLS SURVEYS INC.	L530	01/28/09	DIG	MW
29	2110672.15	6058822.58	37.7786814	-122.2400025	13.90	14.18	MW-101	RTK	0.30	NAD83	PLS SURVEYS INC.	L530	01/28/09	DIG	MW
27	2110752.08	6058814.51	37.7789004	-122.2400355	14.19	14.44	MW-102	RTK	0.30	NAD83	PLS SURVEYS INC.	L530	01/28/09	DIG	MW
24	2110767.19	6058850.19	37.7789437	-122.2399131	13.75	14.16	MW-103	RTK	0.30	NAD83	PLS SURVEYS INC.	L530	01/28/09	DIG	MW
28	2110724.87	6058850.97	37.7788276	-122.2399077	13.65	14.09	MW-104	RTK	0.30	NAD83	PLS SURVEYS INC.	L530	01/28/09	DIG	MW

Elevation Datum
NAVD 88

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

APPENDIX C

SOIL SAMPLE ANALYTICAL DATA
JANUARY 2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Scott Jander
Philip Services Corp
210 W Sand Bank Road
Columbia, IL 62236

Subject : 27 Soil Samples
Project Name : Earthgrains Oakland, CA
Project Number : 62402797

Dear Mr. Jander,

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 : 66979
Date : 01/28/2009

Subject : 27 Soil Samples
Project Name : Earthgrains Oakland, CA
Project Number : 62402797

Case Narrative

Matrix Spike/Matrix Spike Duplicate results associated with samples DW-1 (5-6.5), DW-1 (8.5-10), DW-1 (10-11.5), DW-1 (11.5-13.0), DW-1 (13.5-15.0), DRUM COMPOSITE, and DRUM COMPOSITE DW-1 for the analyte TPH as Diesel were affected by the analyte concentrations already present in the un-spiked sample.

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-101 (5-6.5)** Matrix : Soil Lab Number : 66979-01
Sample Date :01/19/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
1,2-Dichloroethane-d4 (Surr)	106		% Recovery	EPA 8260B	01/22/2009
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	01/22/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/24/2009
Octacosane (Diesel Surrogate)	79.8		% Recovery	M EPA 8015	01/24/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-101 (8.5-10)** Matrix : Soil Lab Number : 66979-02
Sample Date :01/19/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
1,2-Dichloroethane-d4 (Surr)	107		% Recovery	EPA 8260B	01/22/2009
Toluene - d8 (Surr)	95.3		% Recovery	EPA 8260B	01/22/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/24/2009
Octacosane (Diesel Surrogate)	97.4		% Recovery	M EPA 8015	01/24/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-101 (13.5-15.0)** Matrix : Soil Lab Number : 66979-03
Sample Date :01/19/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
1,2-Dichloroethane-d4 (Surr)	105		% Recovery	EPA 8260B	01/23/2009
Toluene - d8 (Surr)	117		% Recovery	EPA 8260B	01/23/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/24/2009
Octacosane (Diesel Surrogate)	89.3		% Recovery	M EPA 8015	01/24/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-101 (18.5-20.0)** Matrix : Soil Lab Number : 66979-04
Sample Date :01/19/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
1,2-Dichloroethane-d4 (Surr)	99.8		% Recovery	EPA 8260B	01/23/2009
Toluene - d8 (Surr)	92.3		% Recovery	EPA 8260B	01/23/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/24/2009
Octacosane (Diesel Surrogate)	94.1		% Recovery	M EPA 8015	01/24/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-101 (23.5-25.0)** Matrix : Soil Lab Number : 66979-05
Sample Date :01/19/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	01/23/2009
Toluene - d8 (Surr)	96.4		% Recovery	EPA 8260B	01/23/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/24/2009
Octacosane (Diesel Surrogate)	101		% Recovery	M EPA 8015	01/24/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-101 (26.5-28.0)** Matrix : Soil Lab Number : 66979-06
Sample Date :01/19/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	01/23/2009
Toluene - d8 (Surr)	97.7		% Recovery	EPA 8260B	01/23/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/24/2009
Octacosane (Diesel Surrogate)	91.7		% Recovery	M EPA 8015	01/24/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-102 (5-6.5)** Matrix : Soil Lab Number : 66979-07
Sample Date :01/20/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	01/23/2009
Toluene - d8 (Surr)	90.9		% Recovery	EPA 8260B	01/23/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/24/2009
Octacosane (Diesel Surrogate)	102		% Recovery	M EPA 8015	01/24/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-102 (8.5-10)** Matrix : Soil Lab Number : 66979-08
Sample Date :01/20/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
1,2-Dichloroethane-d4 (Surr)	107		% Recovery	EPA 8260B	01/23/2009
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	01/23/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/23/2009
Octacosane (Diesel Surrogate)	92.1		% Recovery	M EPA 8015	01/23/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-102 (13.5-15.0)** Matrix : Soil Lab Number : 66979-09
Sample Date :01/20/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	01/23/2009
Toluene - d8 (Surr)	95.9		% Recovery	EPA 8260B	01/23/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/26/2009
Octacosane (Diesel Surrogate)	74.3		% Recovery	M EPA 8015	01/26/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-102 (18.5-20.0)** Matrix : Soil Lab Number : 66979-10
Sample Date :01/20/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
1,2-Dichloroethane-d4 (Surr)	105		% Recovery	EPA 8260B	01/23/2009
Toluene - d8 (Surr)	92.8		% Recovery	EPA 8260B	01/23/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/26/2009
Octacosane (Diesel Surrogate)	87.1		% Recovery	M EPA 8015	01/26/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-102 (23.5-25.0)** Matrix : Soil Lab Number : 66979-11
Sample Date :01/20/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	01/23/2009
Toluene - d8 (Surr)	96.8		% Recovery	EPA 8260B	01/23/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/26/2009
Octacosane (Diesel Surrogate)	90.1		% Recovery	M EPA 8015	01/26/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-102 (26.5-28.0)** Matrix : Soil Lab Number : 66979-12
Sample Date :01/20/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	01/23/2009
Toluene - d8 (Surr)	96.3		% Recovery	EPA 8260B	01/23/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/26/2009
Octacosane (Diesel Surrogate)	88.3		% Recovery	M EPA 8015	01/26/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-103 (5-6.5)** Matrix : Soil Lab Number : 66979-13
Sample Date :01/19/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
1,2-Dichloroethane-d4 (Surr)	96.5		% Recovery	EPA 8260B	01/22/2009
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	01/22/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/26/2009
Octacosane (Diesel Surrogate)	89.8		% Recovery	M EPA 8015	01/26/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-103 (8.5-10)** Matrix : Soil Lab Number : 66979-14
Sample Date :01/19/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	01/22/2009
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	01/22/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/26/2009
Octacosane (Diesel Surrogate)	98.9		% Recovery	M EPA 8015	01/26/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-103 (18.5-20.0)** Matrix : Soil Lab Number : 66979-15
Sample Date :01/19/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	01/22/2009
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	01/22/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/26/2009
Octacosane (Diesel Surrogate)	92.9		% Recovery	M EPA 8015	01/26/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-103 (23.5-25.0)** Matrix : Soil Lab Number : 66979-16
Sample Date :01/19/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	01/22/2009
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	01/22/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/26/2009
Octacosane (Diesel Surrogate)	89.4		% Recovery	M EPA 8015	01/26/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-104 (5-6.5)** Matrix : Soil Lab Number : 66979-17
Sample Date :01/20/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
1,2-Dichloroethane-d4 (Surr)	108		% Recovery	EPA 8260B	01/22/2009
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	01/22/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/24/2009
Octacosane (Diesel Surrogate)	96.7		% Recovery	M EPA 8015	01/24/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-104 (8.5-10)** Matrix : Soil Lab Number : 66979-18
Sample Date :01/20/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
1,2-Dichloroethane-d4 (Surr)	95.6		% Recovery	EPA 8260B	01/23/2009
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	01/23/2009
TPH as Diesel	**370**	1.0	mg/Kg	M EPA 8015	01/24/2009
Octacosane (Diesel Surrogate)	105		% Recovery	M EPA 8015	01/24/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-104 (13.5-15.0)** Matrix : Soil Lab Number : 66979-19
Sample Date :01/20/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	01/22/2009
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	01/22/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/24/2009
Octacosane (Diesel Surrogate)	97.1		% Recovery	M EPA 8015	01/24/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **MW-104 (18.5-20.0)** Matrix : Soil Lab Number : 66979-20
Sample Date :01/20/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/22/2009
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	01/22/2009
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	01/22/2009
TPH as Diesel	**< 1.0**	1.0	mg/Kg	M EPA 8015	01/24/2009
Octacosane (Diesel Surrogate)	95.6		% Recovery	M EPA 8015	01/24/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **DW-1 (5-6.5)** Matrix : Soil Lab Number : 66979-21
Sample Date :01/20/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
1,2-Dichloroethane-d4 (Surr)	98.6		% Recovery	EPA 8260B	01/23/2009
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	01/23/2009
TPH as Diesel	**53**	2.0	mg/Kg	M EPA 8015	01/28/2009
(Note: Hydrocarbons are higher-boiling than typical Diesel Fuel.)					
Octacosane (Diesel Surrogate)	114		% Recovery	M EPA 8015	01/28/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **DW-1 (8.5-10)** Matrix : Soil Lab Number : 66979-22
Sample Date :01/20/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/24/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/24/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/24/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/24/2009
1,2-Dichloroethane-d4 (Surr)	97.1		% Recovery	EPA 8260B	01/24/2009
Toluene - d8 (Surr)	91.5		% Recovery	EPA 8260B	01/24/2009
TPH as Diesel	**1700**	20	mg/Kg	M EPA 8015	01/24/2009
Octacosane (Diesel Surrogate)	Diluted Out		% Recovery	M EPA 8015	01/24/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **DW-1 (10-11.5)** Matrix : Soil Lab Number : 66979-23
Sample Date :01/20/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
1,2-Dichloroethane-d4 (Surr)	96.2		% Recovery	EPA 8260B	01/23/2009
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	01/23/2009
TPH as Diesel	**16**	1.0	mg/Kg	M EPA 8015	01/27/2009
Octacosane (Diesel Surrogate)	102		% Recovery	M EPA 8015	01/27/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **DW-1 (11.5-13.0)** Matrix : Soil Lab Number : 66979-24
Sample Date :01/20/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	01/23/2009
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	01/23/2009
TPH as Diesel	**8.4**	1.0	mg/Kg	M EPA 8015	01/24/2009
Octacosane (Diesel Surrogate)	110		% Recovery	M EPA 8015	01/24/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **DW-1 (13.5-15.0)** Matrix : Soil Lab Number : 66979-25
Sample Date :01/20/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/23/2009
1,2-Dichloroethane-d4 (Surr)	106		% Recovery	EPA 8260B	01/23/2009
Toluene - d8 (Surr)	99.7		% Recovery	EPA 8260B	01/23/2009
TPH as Diesel	**2.0**	1.0	mg/Kg	M EPA 8015	01/26/2009
Octacosane (Diesel Surrogate)	96.0		% Recovery	M EPA 8015	01/26/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **DRUM COMPOSITE** Matrix : Soil Lab Number : 66979-26
Sample Date :01/20/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/24/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/24/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/24/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/24/2009
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	01/24/2009
Toluene - d8 (Surr)	108		% Recovery	EPA 8260B	01/24/2009
TPH as Diesel	**1.2**	1.0	mg/Kg	M EPA 8015	01/26/2009
(Note: Hydrocarbons are higher-boiling than typical Diesel Fuel.)					
Octacosane (Diesel Surrogate)	107		% Recovery	M EPA 8015	01/26/2009

KIFF Analytical LLC

Report Number : 66979
Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**
Project Number : **62402797**

Sample : **DRUM COMPOSITE DW-1** Matrix : Soil Lab Number : 66979-27
Sample Date :01/20/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/24/2009
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/24/2009
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/24/2009
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	01/24/2009
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	01/24/2009
Toluene - d8 (Surr)	92.6		% Recovery	EPA 8260B	01/24/2009
TPH as Diesel	**720**	10	mg/Kg	M EPA 8015	01/28/2009
Octacosane (Diesel Surrogate)	Diluted Out		% Recovery	M EPA 8015	01/28/2009

Report Number : 66979

Date : 01/28/2009

QC Report : Method Blank Data

Project Name : **Earthgrains Oakland, CA**

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	01/23/2009
Octacosane (Diesel Surrogate)	91.7		%	M EPA 8015	01/23/2009
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	01/24/2009
Octacosane (Diesel Surrogate)	91.5		%	M EPA 8015	01/24/2009
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/22/2009
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/22/2009
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/22/2009
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/22/2009
1,2-Dichloroethane-d4 (Surr)	104		%	EPA 8260B	01/22/2009
Toluene - d8 (Surr)	98.4		%	EPA 8260B	01/22/2009
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/23/2009
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/23/2009
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/23/2009
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/23/2009
1,2-Dichloroethane-d4 (Surr)	104		%	EPA 8260B	01/23/2009
Toluene - d8 (Surr)	101		%	EPA 8260B	01/23/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Report Number : 66979

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**

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	66979-08	<1.0	20.0	20.0	16.1	16.6	mg/Kg	M EPA 8015	1/23/09	80.4	83.0	3.13	60-140	25
TPH as Diesel	66979-22	1700	20.0	20.0	2620	1520	mg/Kg	M EPA 8015	1/24/09	152	88.2	53.3	60-140	25
Benzene	66979-14	<0.0050	0.0380	0.0380	0.0298	0.0314	mg/Kg	EPA 8260B	1/22/09	78.3	82.7	5.45	70-130	25
Toluene	66979-14	<0.0050	0.0387	0.0387	0.0301	0.0318	mg/Kg	EPA 8260B	1/22/09	77.6	82.2	5.65	70-130	25
Benzene	66958-01	<0.0050	0.0390	0.0390	0.0286	0.0316	mg/Kg	EPA 8260B	1/23/09	73.4	81.1	10.0	70-130	25
Toluene	66958-01	<0.0050	0.0397	0.0397	0.0305	0.0329	mg/Kg	EPA 8260B	1/23/09	76.8	82.9	7.65	70-130	25

Report Number : 66979

QC Report : Laboratory Control Sample (LCS)

Date : 01/28/2009

Project Name : **Earthgrains Oakland, CA**

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	1/23/09	85.1	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	1/24/09	85.0	70-130
Benzene	0.0387	mg/Kg	EPA 8260B	1/22/09	82.9	70-130
Toluene	0.0395	mg/Kg	EPA 8260B	1/22/09	86.6	70-130
Benzene	0.0393	mg/Kg	EPA 8260B	1/23/09	87.4	70-130
Toluene	0.0401	mg/Kg	EPA 8260B	1/23/09	91.6	70-130

1082

Chain of Custody Record

66979

210 West Sand Bank Road
P.O. Box 230
Columbia, IL 62236-0230

(618) 281-7173 Phone
(618) 281-5120 Fax
(618) 281-8933 Bulletin Board

Temperature Upon Receipt

Project Name: **Earhgrains Oakland, CA** Project Mgr.: S.JANDER

Project Number: 62402797 Cost Code: 024530

Sampler(s): BRENDON WILDER

Laboratory Name: KIFF ANALYTICAL

Location: DAVIS, CA

Sample Number and (depth)	Date	Time	Matrix: Soil	Water	Air	Wipes	Other	Total Number of Containers	TPH-D		BTEX										
MW-101 (5-6.5)	1/19/09	10:30	X					1	X		X										01
MW-101 (8.5-10)	1/19/09	10:35	X					1	X		X										02
MW-101 (13.5-15.0)	1/19/09	10:40	X					1	X		X										03
MW-101 (18.5-20.0)	1/19/09	10:50	X					1	X		X										04
MW-101 (23.5-25.0)	1/19/09	10:55	X					1	X		X										05
MW-101 (26.5-28.0)	1/19/09	11:00	X					1	X		X										06
MW-102 (5-6.5)	1/20/09	9:30	X					1	X		X										07
MW-102 (8.5-10)	1/20/09	9:35	X					1	X		X										08
MW-102 (13.5-15.0)	1/20/09	9:40	X					1	X		X										09
MW-102 (18.5-20.0)	1/20/09	9:45	X					1	X		X										10
MW-102 (23.5-25.0)	1/20/09	9:50	X					1	X		X										11
MW-102 (26.5-28.0)	1/20/09	10:00	X					1	X		X										12
																					~~13~~ NO?
																					~~14~~ NO?
																					~~15~~ NO?

Analyses by Method Name and Number

SAMPLE RECEIPT
Temp °C 2.4 Therm. ID# IR-5
Initial NO Date 012109
Time 2016 Coolant present: Yes / No

Samples Iced: [X] Yes No [ ]

Preservatives (ONLY for Water Samples)

[ ]	Volatile Organics	Hydrochloric Acid	(HCl)
[ ]	TPH (8015)	Hydrochloric Acid	(HCl)
[ ]	TPH (418.1)	Hydrochloric Acid	(HCl)
[ ]	Metals	Nitric Acid	(HNO_3)
[ ]	Cyanide	Sodium Hydroxide	(NaOH)
[ ]	Other (Specify) _____	Hydrochloric Acid	(HCl)

Lab Directives:

Requested TAT: [ ] RUSH [ ] 5 Days [X] STD [ ] Other _____

Fax and Mail Results to: SJANDER@PSCNOW.COM

Send Invoice to: SJANDER@PSCNOW.COM

QC Deliverable requested: [X] Full Results [ ] Other PDF

Special Guidelines:

Reporting Limits:

* Special:

Shipping:

Carrier / Airbill No.
Lab Pickup
Hand Delivered

Relinquished by:

Signature	Date	Time
Brendon J. Wilder	1/21/09	16:20

Received by:

Signature	Date	Time
Kiff Analytical	012109	1437

Distribution: WHITE to Lab; YELLOW to PM; PINK to QA/QC; GREEN to Sampler.

* Shaded Areas to be Completed by Lab

Calscience
Environmental
Laboratories, Inc.

January 29, 2009

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

Subject: **Calscience Work Order No.: 09-01-2066**
Client Reference: Earthgrains Oakland, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/24/2009 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Amanda Porter

Calscience Environmental
Laboratories, Inc.
Amanda Porter
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 01/24/09
Work Order No: 09-01-2066
Preparation: EPA 3050B
Method: EPA 6010B

Project: Earthgrains Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DRUM COMPOSITE	**09-01-2066-1-A**	**01/20/09 09:00**	**Solid**	**ICP 5300**	**01/26/09**	**01/28/09 00:00**	**090126L01**

Parameter	Result	RL	DF	Qual	Units
Lead	8.26	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DRUM COMPOSITE DW-1	**09-01-2066-2-A**	**01/20/09 12:00**	**Solid**	**ICP 5300**	**01/26/09**	**01/28/09 00:02**	**090126L01**

Parameter	Result	RL	DF	Qual	Units
Lead	6.81	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-11,987**	**N/A**	**Solid**	**ICP 5300**	**01/26/09**	**01/26/09 19:32**	**090126L01**

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: 01/24/09
Work Order No: 09-01-2066
Preparation: EPA 3050B
Method: EPA 6010B

Project Earthgrains Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-01-1991-1	**Solid**	**ICP 5300**	**01/26/09**	**01/27/09**	**090126S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	97	110	75-125	9	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: 09-01-2066
Davis, CA 95616-6593	Preparation: EPA 3050B
	Method: EPA 6010B

Project: Earthgrains Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-11,987	**Solid**	**ICP 5300**	**01/26/09**	**01/26/09**	**090126L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	97	94	80-120	3	0-20	

RPD - Relative Percent Difference , CL - Control Limit

KIFF Analytical LLC

2795 Second Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4808

Calscience
7440 Lincoln Way
Garden Grove, CA 92841-1427
714-895-5494

2066

COC No. **66979** Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Angelique Showman

EDF Report? NO

Company/Address: Kiff Analytical

Recommended but not mandatory to complete this section:

Sampling Company Log Code:

Global ID:

Phone No.: 530-297-4800 FAX No.: 530-297-4808

Project Number: 62402797 P.O. No.: 66979

Deliverables to (Email Address): inbox@kiffanalytical.com

Project Name: Earthgrains Oakland, CA

Project Address:

Sample Designation	Sampling Date	Sampling Time	Container / Preservative: Glass Jar / None	Matrix: Soil	Analysis Request: ICP 6010 Total SUB (1)	TAT: 1/29/09	For Lab Use Only
DRUM COMPOSITE	01/20/09	09:00	1	X	X	X	1
DRUM COMPOSITE DW-1	01/20/09	12:00	1	X	X	X	2

Relinquished by:	Date	Time	Received by:
Kiff Analytical	012309	1900	
On Trac	1/24/09	10:15	CEL

Remarks: Please refer to attached Test Detail.

Bill to: Accounts Payable

TK #B10232035772

2066

Test Detail for Kiff Work Order: 66979

ICP 6010 Total SUB (1)
Lead

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-01-2066

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Kiff

DATE: 01/24/09

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

Temperature 3.4 °C - 0.2 °C (CF) = 3.2 °C ☑ **Blank** ☐ **Sample**

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

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

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

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

CUSTODY SEALS INTACT:

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

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

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

CONTAINER TYPE:

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

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

Air: ☐Tedlar® ☐Summa® ☐_____

Checked/Labeled by: JD

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

Reviewed by: W.SC

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

Scanned by: _____

PTS Laboratories

Project Name: Earthgrains Oakland, CA
Project Number: 62402797

PTS File No: 39121
Client: Kiff Analytical, LLC

TEST PROGRAM

CORE ID	Depth ft.	Core Recovery ft.	Grain Size Analysis ASTM D4464M	TOC/foc Walkley-Black	Dry Bulk Density ASTM D2937				Notes
		Plugs:	Grab	Grab	Cut Sleeve				
Rcvd. 02/06/09									
MW-101 (18.5-20.0)	N/A	N/A	X	X	X				
MW-102 (13.5-15.0)	N/A	N/A	X	X	X				
MW-103 (8.5-10.0)	N/A	N/A	X	X	X				
MW-104 (13.5-15.0)	N/A	N/A	X	X	X				
TOTALS:	cores		4	4	4				

Laboratory Test Program Notes

PTS File No: 39121
Client: Kiff Analytical, LLC

DRY BULK DENSITY OF IN-PLACE SOIL

(METHODOLOGY: ASTM D2937)

PROJECT NAME: Earthgrains Oakland, CA
PROJECT NO: 62402797

SAMPLE ID.	DEPTH, ft.	TOTAL SAMPLE VOLUME, cc	DRY BULK DENSITY, g/cc
MW-101 (18.5-20.0)	N/A	88.66	1.87
MW-102 (13.5-15.0)	N/A	89.18	1.49
MW-103 (8.5-10.0)	N/A	89.58	1.61
MW-104 (13.5-15.0)	N/A	89.21	1.57

* Vb = Bulk Volume

PTS File No: 39121
Client: Kiff Analytical, LLC

ORGANIC CARBON DATA - TOC (foc)

PROJECT NAME: Earthgrains Oakland, CA
PROJECT NO: 62402797

		METHOD:	WALKLEY-BLACK	WALKLEY-BLACK
SAMPLE ID.	DEPTH, ft.	SAMPLE MATRIX	FRACTION ORGANIC CARBON, g/g	TOTAL ORGANIC CARBON, mg/kg
MW-101 (18.5-20.0)	N/A	SOIL	1.05E-03	1050
MW-102 (13.5-15.0)	N/A	SOIL	2.90E-03	2900
MW-103 (8.5-10.0)	N/A	SOIL	2.80E-03	2800
MW-104 (13.5-15.0)	N/A	SOIL	2.60E-03	2600

PTS Laboratories, Inc.

Kiff Analytical, LLC
PTS File No: 39121

PARTICLE SIZE SUMMARY

(METHODOLOGY: ASTM D422/D4464M)

PROJECT NAME: Earthgrains Oakland, CA
PROJECT NO: 62402797

Sample ID	Depth, ft.	Mean Grain Size Description (1)	Median Grain Size mm	Particle Size Distribution, wt. percent						Silt & Clay
					Sand Size					
				Gravel	Coarse	Medium	Fine	Silt	Clay	
MW-101 (18.5-20.0)	N/A	Fine sand	0.123	0.00	0.00	31.29	25.30	27.83	15.57	43.40
MW-102 (13.5-15.0)	N/A	Silt	0.010	0.00	0.00	0.00	7.39	58.28	34.33	92.61
MW-103 (8.5-10.0)	N/A	Silt	0.020	0.00	0.00	0.00	18.17	56.36	25.46	81.83

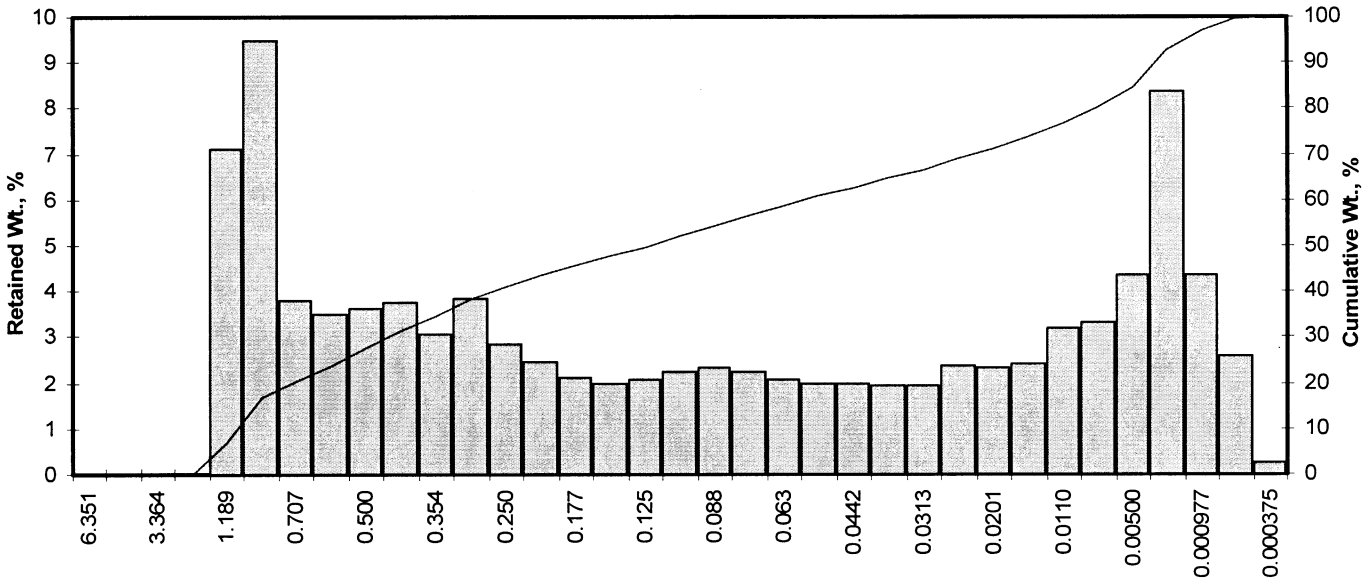
(1) Based on Mean from Trask

PTS Laboratories, Inc.

Particle Size Analysis - ASTM D4464M

Client:	Kiff Analytical, LLC	**PTS File No:**	39121
Project:	Earthgrains Oakland, CA	**Sample ID:**	MW-101 (18.5-20.0)
Project No:	62402797	**Depth, ft:**	N/A

Grv	Sand Size			Silt	Clay
	crs	medium	fine		



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	7.10	7.10	7.10
0.0331	0.841	0.25	20	9.50	9.50	16.60
0.0278	0.707	0.50	25	3.81	3.81	20.41
0.0234	0.595	0.75	30	3.49	3.49	23.90
0.0197	0.500	1.00	35	3.63	3.63	27.52
0.0166	0.420	1.25	40	3.77	3.77	31.29
0.0139	0.354	1.50	45	3.06	3.06	34.35
0.0117	0.297	1.75	50	3.85	3.85	38.20
0.0098	0.250	2.00	60	2.86	2.86	41.06
0.0083	0.210	2.25	70	2.46	2.46	43.52
0.0070	0.177	2.50	80	2.13	2.13	45.65
0.0059	0.149	2.75	100	2.00	2.00	47.65
0.0049	0.125	3.00	120	2.09	2.09	49.74
0.0041	0.105	3.25	140	2.26	2.26	52.00
0.0035	0.088	3.50	170	2.34	2.34	54.34
0.0029	0.074	3.75	200	2.26	2.26	56.60
0.0025	0.063	4.00	230	2.09	2.09	58.69
0.0021	0.053	4.25	270	1.98	1.98	60.67
0.00174	0.0442	4.50	325	1.97	1.97	62.64
0.00146	0.0372	4.75	400	1.96	1.96	64.60
0.00123	0.0313	5.00	450	1.92	1.92	66.52
0.000986	0.0250	5.32	500	2.37	2.37	68.89
0.000790	0.0201	5.64	635	2.31	2.31	71.20
0.000615	0.0156	6.00		2.42	2.42	73.62
0.000435	0.0110	6.50		3.17	3.17	76.78
0.000308	0.00781	7.00		3.30	3.30	80.08
0.000197	0.00500	7.65		4.35	4.35	84.43
0.000077	0.00195	9.00		8.36	8.36	92.79
0.000038	0.000977	10.00		4.36	4.36	97.15
0.000019	0.000488	11.00		2.57	2.57	99.72
0.000015	0.000375	11.38		0.28	0.28	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	-0.47	0.0546	1.387
10	-0.10	0.0421	1.070
16	0.22	0.0338	0.859
25	0.83	0.0222	0.564
40	1.91	0.0105	0.267
50	3.03	0.0048	0.123
60	4.17	0.0022	0.056
75	6.22	0.0005	0.013
84	7.58	0.0002	0.005
90	8.55	0.0001	0.003
95	9.51	0.0001	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	3.03	3.03	3.03
Median, in.	0.0048	0.0048	0.0048
Median, mm	0.123	0.123	0.123
Mean, phi	1.79	3.90	3.61
Mean, in.	0.0114	0.0026	0.0032
Mean, mm	0.289	0.067	0.082
Sorting	6.481	3.681	3.352
Skewness	0.710	0.237	0.267
Kurtosis	0.258	0.355	0.758
Grain Size Description (ASTM-USCS Scale)		Fine sand (based on Mean from Trask)	

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	31.29
Fine Sand	200	25.30
Silt	>0.005 mm	27.83
Clay	<0.005 mm	15.57
	Total	**100**

Phone: (562) 907-3607 Fax: (562) 907-3610

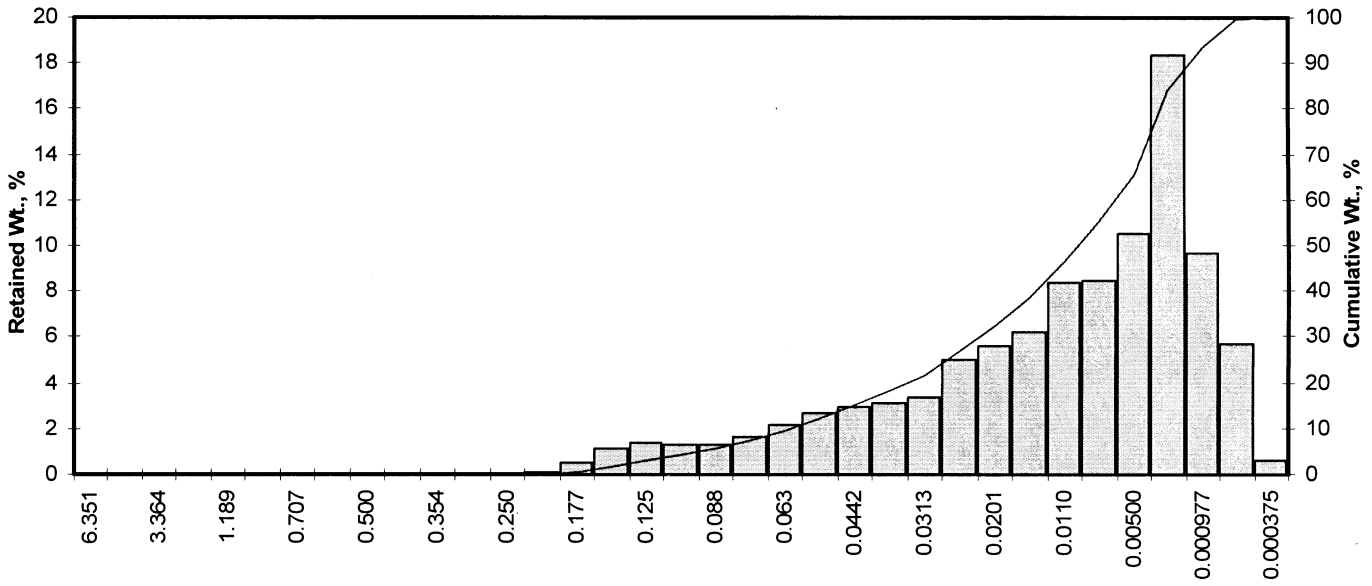
PTS Laboratories, Inc.

Particle Size Analysis - ASTM D4464M

Client: Kiff Analytical, LLC
Project: Earthgrains Oakland, CA
Project No: 62402797

PTS File No: 39121
Sample ID: MW-102 (13.5-15.0)
Depth, ft: N/A

Grv	Sand Size			Silt	Clay
	crs	medium	fine		



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.00	0.00	0.00
0.0234	0.595	0.75	30	0.00	0.00	0.00
0.0197	0.500	1.00	35	0.00	0.00	0.00
0.0166	0.420	1.25	40	0.00	0.00	0.00
0.0139	0.354	1.50	45	0.00	0.00	0.00
0.0117	0.297	1.75	50	0.00	0.00	0.00
0.0098	0.250	2.00	60	0.00	0.00	0.00
0.0083	0.210	2.25	70	0.10	0.10	0.10
0.0070	0.177	2.50	80	0.54	0.54	0.64
0.0059	0.149	2.75	100	1.16	1.16	1.80
0.0049	0.125	3.00	120	1.37	1.37	3.17
0.0041	0.105	3.25	140	1.29	1.29	4.46
0.0035	0.088	3.50	170	1.30	1.30	5.76
0.0029	0.074	3.75	200	1.63	1.63	7.39
0.0025	0.063	4.00	230	2.17	2.17	9.56
0.0021	0.053	4.25	270	2.65	2.65	12.21
0.00174	0.0442	4.50	325	2.91	2.91	15.12
0.00146	0.0372	4.75	400	3.07	3.07	18.19
0.00123	0.0313	5.00	450	3.40	3.40	21.59
0.000986	0.0250	5.32	500	5.00	5.00	26.60
0.000790	0.0201	5.64	635	5.58	5.58	32.18
0.000615	0.0156	6.00		6.17	6.17	38.35
0.000435	0.0110	6.50		8.39	8.39	46.74
0.000308	0.00781	7.00		8.43	8.43	55.17
0.000197	0.00500	7.65		10.50	10.50	65.67
0.000077	0.00195	9.00		18.40	18.40	84.08
0.000038	0.000977	10.00		9.65	9.65	93.73
0.000019	0.000488	11.00		5.67	5.67	99.40
0.000015	0.000375	11.38		0.60	0.60	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	3.35	0.0039	0.098
10	4.04	0.0024	0.061
16	4.57	0.0017	0.042
25	5.22	0.0011	0.027
40	6.10	0.0006	0.015
50	6.69	0.0004	0.010
60	7.30	0.0003	0.006
75	8.33	0.0001	0.003
84	8.99	0.0001	0.002
90	9.61	0.0001	0.001
95	10.22	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	6.69	6.69	6.69
Median, in.	0.0004	0.0004	0.0004
Median, mm	0.010	0.010	0.010
Mean, phi	6.06	6.78	6.75
Mean, in.	0.0006	0.0004	0.0004
Mean, mm	0.015	0.009	0.009
Sorting	2.942	2.211	2.147
Skewness	0.945	0.040	0.034
Kurtosis	0.200	0.553	0.904
Grain Size Description (ASTM-USCS Scale)		Silt (based on Mean from Trask)	

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.00
Fine Sand	200	7.39
Silt	>0.005 mm	58.28
Clay	<0.005 mm	34.33
	Total	**100**

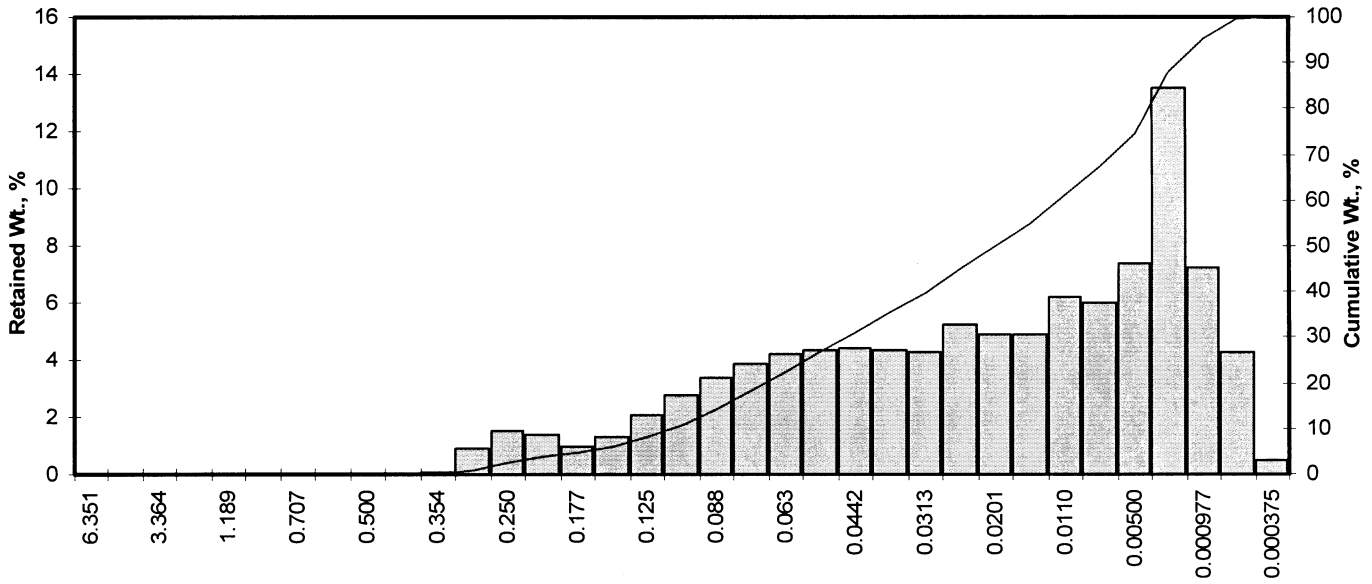
Phone: (562) 907-3607
Fax: (562) 907-3610

PTS Laboratories, Inc.

Particle Size Analysis - ASTM D4464M

Client:	Kiff Analytical, LLC	**PTS File No:**	39121
Project:	Earthgrains Oakland, CA	**Sample ID:**	MW-103 (8.5-10.0)
Project No:	62402797	**Depth, ft:**	N/A

Grv	Sand Size			Silt	Clay
	crs	medium	fine		



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.00	0.00	0.00
0.0234	0.595	0.75	30	0.00	0.00	0.00
0.0197	0.500	1.00	35	0.00	0.00	0.00
0.0166	0.420	1.25	40	0.00	0.00	0.00
0.0139	0.354	1.50	45	0.09	0.08	0.09
0.0117	0.297	1.75	50	0.87	0.87	0.96
0.0098	0.250	2.00	60	1.49	1.49	2.45
0.0083	0.210	2.25	70	1.35	1.35	3.80
0.0070	0.177	2.50	80	1.00	1.00	4.80
0.0059	0.149	2.75	100	1.30	1.30	6.10
0.0049	0.125	3.00	120	2.08	2.08	8.17
0.0041	0.105	3.25	140	2.79	2.79	10.96
0.0035	0.088	3.50	170	3.35	3.35	14.31
0.0029	0.074	3.75	200	3.86	3.86	18.17
0.0025	0.063	4.00	230	4.22	4.22	22.39
0.0021	0.053	4.25	270	4.38	4.38	26.77
0.00174	0.0442	4.50	325	4.43	4.43	31.20
0.00146	0.0372	4.75	400	4.36	4.36	35.56
0.00123	0.0313	5.00	450	4.25	4.25	39.81
0.000986	0.0250	5.32	500	5.23	5.23	45.03
0.000790	0.0201	5.64	635	4.92	4.92	49.95
0.000615	0.0156	6.00		4.93	4.93	54.88
0.000435	0.0110	6.50		6.23	6.23	61.11
0.000308	0.00781	7.00		6.02	6.02	67.13
0.000197	0.00500	7.65		7.41	7.41	74.54
0.000077	0.00195	9.00		13.50	13.50	88.03
0.000038	0.000977	10.00		7.24	7.24	95.27
0.000019	0.000488	11.00		4.28	4.28	99.55
0.000015	0.000375	11.38		0.45	0.45	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	2.54	0.0068	0.172
10	3.16	0.0044	0.112
16	3.61	0.0032	0.082
25	4.15	0.0022	0.056
40	5.01	0.0012	0.031
50	5.64	0.0008	0.020
60	6.41	0.0005	0.012
75	7.69	0.0002	0.005
84	8.60	0.0001	0.003
90	9.27	0.0001	0.002
95	9.96	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.64	5.64	5.64
Median, in.	0.0008	0.0008	0.0008
Median, mm	0.020	0.020	0.020
Mean, phi	5.03	6.10	5.95
Mean, in.	0.0012	0.0006	0.0006
Mean, mm	0.031	0.015	0.016
Sorting	3.414	2.493	2.371
Skewness	0.825	0.184	0.174
Kurtosis	0.234	0.489	0.859
Grain Size Description (ASTM-USCS Scale)		Silt (based on Mean from Trask)	

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.00
Fine Sand	200	18.17
Silt	>0.005 mm	56.36
Clay	<0.005 mm	25.46
	Total	**100**

Phone: (562) 907-3607 Fax: (562) 907-3610

39191

KIFF Analytical LLC
2795 Second Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4808

PTS Labs
8100 Secura Way
Santa Fe Springs, CA 90670
562-907-3607

AFS 020509

COC No. 66979

Chain-of-Custody Record and Analysis Request

EDF Report? NO

Project Contact (Hardcopy or PDF to): Angelique Showman

Company/Address: Kiff Analytical

Phone No.: 530-297-4800

FAX No.: 530-297-4808

Project Number: 62402797

P.O. No.: 66979

Project Name: Earthgrains Oakland, CA

Project Address:

Recommended but not mandatory to complete this section:

Sampling Company Log Code:

Global ID:

Deliverables to (Email Address): inbox@kiffanalytical.com

Sample Designation	Sampling Date	Sampling Time	Container / Preservative: Sleeve None	Matrix: Soil	Analysis Request: Bulk Density	Grain Size Distribution	Fraction Organic Carbon	TAT: Standard	For Lab Use Only
MW-101 (18.5-20.0)	01/19/09	10:50	1	X	X	X	X	X	
MW-102 (13.5-15.0)	01/20/09	09:40	1	X	X	X	X	X	
MW-103 (8.5-10)	01/19/09	13:20	1	X	X	X	X	X	
MW-104 (13.5-15.0)	01/20/09	08:00	1	X	X	X	X	X	

Relinquished by: KIFF Analytical	Date 020509	Time 1900	Received by: PTS	2-6-09 0934
Relinquished by:	Date	Time	Received by:	
Relinquished by:	Date	Time	Received by Laboratory:	

Remarks: 35°F (cooler Temp)

Bill to: Accounts Payable

2 of 2

66979

Chain of Custody Record

210 West Sand Bank Road
P.O. Box 230
Columbia, IL 62236-0230
(618) 281-7173 Phone
(618) 281-5120 Fax
(618) 281-8933 Bulletin Board

Temperature upon Receipt _____

Project Name: **Earhgrains Oakland, CA** Project Mgr.: S.JANDER

Project Number: 62402797 Cost Code: 024530

Sampler(s): BRENDON WILDER

Laboratory Name: KIFF ANALYTICAL

Laboratory Location: DAVIS, CA

Sample Number and (depth)	Date	Time	Matrix: Soil	Water	Air	Wipes	Other	Total Number of Containers	TPH-D		BTEX		Lead								
MW-103 (5-6.5)	1/19/09	13:15	X					1	X		X										13
MW-103 (8.5-10)	1/19/09	13:20	X					1	X		X										14
MW-103 (18.5-20.0)	1/19/09	13:30	X					1	X		X										15
MW-103 (23.5-25.0)	1/19/09	13:40	X					1	X		X										16
MW-104 (5-6.5)	1/20/09	7:50	X					1	X		X										17
MW-104 (8.5-10)	1/20/09	7:55	X					1	X		X										18
MW-104 (13.5-15.0)	1/20/09	8:00	X					1	X		X										19
MW-104 (18.5-20.0)	1/20/09	8:10	X					1	X		X										20
DW-1 (5-6.5)	1/20/09	10:55	X					1	X		X										21
DW-1 (8.5-10)	1/20/09	11:00	X					1	X		X										22
DW-1 (10-11.5)	1/20/09	11:05	X					1	X		X										23
DW-1 (11.5-13.0)	1/20/09	11:10	X					1	X		X										24
DW-1 (13.5-15.0)	1/20/09	11:15	X					1	X		X										25
DRUM COMPOSITE	1/20/09	9:00	X					1	X		X		X								26
DRUM COMPOSITE DW-1	1/20/09	12:00	X					1	X		X		X								27

Samples Iced: [X] Yes No [ ]

Preservatives (ONLY for Water Samples)

[ ]	Volatile Organics	Hydrochloric Acid	(HCl)
[ ]	TPH (8015)	Hydrochloric Acid	(HCl)
[ ]	TPH (418.1)	Hydrochloric Acid	(HCl)
[ ]	Metals	Nitric Acid	(HNO_3)
[ ]	Cyanide	Sodium Hydroxide	(NaOH)
[ ]	Other (Specify) _____	Hydrochloric Acid	(HCl)

Lab Directives:

Requested TAT: [ ] RUSH [ ] 5 Days [X] STD [ ] Other _____

Fax and Mail Results to: SJANDER@PSCNOW.COM

Send Invoice to: SJANDER@PSCNOW.COM

QC Deliverable requested: [X] Full Results [ ] Other PDF

Special Guidelines: _____

Reporting Limits: _____

* Special: _____

Shipping:

Carrier / Airbill No.
Lab Pickup
Hand Delivered

Relinquished by:

Signature	Date	Time
Brendon J. Wilder	1/21/09	16:20

Received by:

Signature	Date	Time
Kiff Analytical	012109	1437

Distribution: WHITE to Lab; YELLOW to PM; PINK to QA/QC, GREEN to Sampler.

* Shaded Areas to be Completed by Lab

APPENDIX D

GROUNDWATER SAMPLE ANALYTICAL DATA
JANUARY, APRIL, JULY 2009

KIFF Analytical LLC

Report Number : 67050
Date : 01/30/2009

Scott Jander
Philip Services Corp
210 W Sand Bank Road
Columbia, IL 62236

Subject : 6 Water Samples
Project Name : PSC - Earthgrains - Oakland, Ca.
Project Number : 62402797

Dear Mr. Jander,

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 : 67050

Date : 01/30/2009

Project Name : **PSC - Earthgrains - Oakland, Ca.**

Project Number : **62402797**

Sample : **MW-101** Matrix : Water Lab Number : 67050-01

Sample Date :01/26/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
1,2-Dichloroethane-d4 (Surr)	98.1		% Recovery	EPA 8260B	01/28/2009
Toluene - d8 (Surr)	97.4		% Recovery	EPA 8260B	01/28/2009
TPH as Diesel	**< 50**	50	ug/L	M EPA 8015	01/29/2009
Octacosane (Diesel Surrogate)	104		% Recovery	M EPA 8015	01/29/2009

Sample : **MW-102** Matrix : Water Lab Number : 67050-02

Sample Date :01/26/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
1,2-Dichloroethane-d4 (Surr)	96.9		% Recovery	EPA 8260B	01/28/2009
Toluene - d8 (Surr)	98.7		% Recovery	EPA 8260B	01/28/2009
TPH as Diesel	**160**	50	ug/L	M EPA 8015	01/29/2009
Octacosane (Diesel Surrogate)	112		% Recovery	M EPA 8015	01/29/2009

KIFF Analytical LLC

Report Number : 67050
Date : 01/30/2009

Project Name : **PSC - Earthgrains - Oakland, Ca.**
Project Number : **62402797**

Sample : **MW-103** Matrix : Water Lab Number : 67050-03
Sample Date :01/26/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
1,2-Dichloroethane-d4 (Surr)	99.0		% Recovery	EPA 8260B	01/28/2009
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	01/28/2009
TPH as Diesel	**80**	50	ug/L	M EPA 8015	01/29/2009
Octacosane (Diesel Surrogate)	114		% Recovery	M EPA 8015	01/29/2009

Sample : **MW-104** Matrix : Water Lab Number : 67050-04
Sample Date :01/26/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	01/28/2009
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	01/28/2009
TPH as Diesel	**100**	50	ug/L	M EPA 8015	01/29/2009
Octacosane (Diesel Surrogate)	115		% Recovery	M EPA 8015	01/29/2009

KIFF Analytical LLC

Report Number : 67050
Date : 01/30/2009

Project Name : **PSC - Earthgrains - Oakland, Ca.**
Project Number : **62402797**

Sample : **MW-DUP** Matrix : Water Lab Number : 67050-05
Sample Date :01/26/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	01/28/2009
Toluene - d8 (Surr)	97.6		% Recovery	EPA 8260B	01/28/2009
TPH as Diesel	**1200**	50	ug/L	M EPA 8015	01/29/2009
Octacosane (Diesel Surrogate)	109		% Recovery	M EPA 8015	01/29/2009

Sample : **DW-1** Matrix : Water Lab Number : 67050-06
Sample Date :01/26/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	01/28/2009
1,2-Dichloroethane-d4 (Surr)	99.0		% Recovery	EPA 8260B	01/28/2009
Toluene - d8 (Surr)	97.4		% Recovery	EPA 8260B	01/28/2009
TPH as Diesel	**1200**	50	ug/L	M EPA 8015	01/29/2009
Octacosane (Diesel Surrogate)	113		% Recovery	M EPA 8015	01/29/2009

Report Number : 67050

Date : 01/30/2009

QC Report : Method Blank Data

Project Name : **PSC - Earthgrains - Oakland, Ca.**

Project Number : **62402797**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 50	50	ug/L	M EPA 8015	01/28/2009
Octacosane (Diesel Surrogate)	110		%	M EPA 8015	01/28/2009
TPH as Diesel	< 50	50	ug/L	M EPA 8015	01/29/2009
Octacosane (Diesel Surrogate)	107		%	M EPA 8015	01/29/2009
Benzene	< 0.50	0.50	ug/L	EPA 8260B	01/28/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	01/28/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	01/28/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	01/28/2009
1,2-Dichloroethane-d4 (Surr)	95.4		%	EPA 8260B	01/28/2009
Toluene - d8 (Surr)	98.2		%	EPA 8260B	01/28/2009
Benzene	< 0.50	0.50	ug/L	EPA 8260B	01/28/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	01/28/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	01/28/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	01/28/2009
1,2-Dichloroethane-d4 (Surr)	99.0		%	EPA 8260B	01/28/2009
Toluene - d8 (Surr)	98.6		%	EPA 8260B	01/28/2009
Benzene	< 0.50	0.50	ug/L	EPA 8260B	01/28/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	01/28/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	01/28/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	01/28/2009
1,2-Dichloroethane-d4 (Surr)	102		%	EPA 8260B	01/28/2009
Toluene - d8 (Surr)	105		%	EPA 8260B	01/28/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	01/28/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	01/28/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	01/28/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	01/28/2009
1,2-Dichloroethane-d4 (Surr)	99.4		%	EPA 8260B	01/28/2009
Toluene - d8 (Surr)	99.9		%	EPA 8260B	01/28/2009

Report Number : 67050

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 01/30/2009

Project Name : **PSC - Earthgrains - Oakland, Ca.**

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	992	993	ug/L	M EPA 8015	1/28/09	99.2	99.3	0.0723	70-130	25
TPH as Diesel	BLANK	<50	1000	1000	922	942	ug/L	M EPA 8015	1/29/09	92.2	94.2	2.13	70-130	25
Benzene	67050-01	<0.50	39.3	39.3	38.2	36.9	ug/L	EPA 8260B	1/28/09	97.1	93.7	3.55	70-130	25
Toluene	67050-01	<0.50	40.1	40.1	39.8	38.4	ug/L	EPA 8260B	1/28/09	99.0	95.8	3.37	70-130	25
Benzene	67050-02	<0.50	39.3	39.3	39.4	39.2	ug/L	EPA 8260B	1/28/09	100	99.5	0.764	70-130	25
Toluene	67050-02	<0.50	40.1	40.1	39.4	39.2	ug/L	EPA 8260B	1/28/09	98.2	97.8	0.378	70-130	25
Benzene	67050-04	<0.50	39.3	39.3	46.4	44.9	ug/L	EPA 8260B	1/28/09	118	114	3.38	70-130	25
Toluene	67050-04	<0.50	40.1	40.1	45.6	43.8	ug/L	EPA 8260B	1/28/09	114	109	4.05	70-130	25
Benzene	67050-03	<0.50	39.3	39.3	39.4	36.3	ug/L	EPA 8260B	1/28/09	100	92.4	8.17	70-130	25
Toluene	67050-03	<0.50	40.1	40.1	39.0	35.8	ug/L	EPA 8260B	1/28/09	97.1	89.1	8.58	70-130	25

Report Number : 67050

QC Report : Laboratory Control Sample (LCS)

Date : 01/30/2009

Project Name : **PSC - Earthgrains - Oakland, Ca.**

Project Number : **62402797**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.2	ug/L	EPA 8260B	1/28/09	96.0	70-130
Toluene	40.2	ug/L	EPA 8260B	1/28/09	96.1	70-130
Benzene	40.0	ug/L	EPA 8260B	1/28/09	104	70-130
Toluene	40.0	ug/L	EPA 8260B	1/28/09	99.4	70-130
Benzene	39.5	ug/L	EPA 8260B	1/28/09	108	70-130
Toluene	40.3	ug/L	EPA 8260B	1/28/09	111	70-130
Benzene	39.5	ug/L	EPA 8260B	1/28/09	111	70-130
Toluene	40.3	ug/L	EPA 8260B	1/28/09	109	70-130

Calscience Environmental Laboratories, Inc.

February 03, 2009

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

Subject: **Calscience Work Order No.: 09-01-2295**
Client Reference: PSC - Earthgrains-Oakland, CA.

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/28/2009 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Amanda Porter

Calscience Environmental
Laboratories, Inc.
Amanda Porter
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical	Date Received: 01/28/09
2795 2nd Street, Suite 300	Work Order No: 09-01-2295
Davis, CA 95616-6593	Preparation: EPA 3010A Total
	Method: EPA 6010B

Project: PSC - Earthgrains-Oakland, CA. Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-102	**09-01-2295-1-A**	**01/26/09 16:05**	**Aqueous**	**ICP 5300**	**01/28/09**	**01/29/09 19:08**	**090128LA2**

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.0100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-104	**09-01-2295-2-A**	**01/26/09 13:10**	**Aqueous**	**ICP 5300**	**01/28/09**	**01/29/09 19:10**	**090128LA2**

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.0100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DW-1	**09-01-2295-3-A**	**01/26/09 17:10**	**Aqueous**	**ICP 5300**	**01/28/09**	**01/29/09 19:12**	**090128LA2**

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.0100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-003-9,079**	**N/A**	**Aqueous**	**ICP 5300**	**01/28/09**	**01/28/09 18:24**	**090128LA2**

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.0100	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: 01/28/09
Work Order No: 09-01-2295
Preparation: EPA 3010A Total
Method: EPA 6010B

Project PSC - Earthgrains-Oakland, CA.

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-01-2196-1	**Aqueous**	**ICP 5300**	**01/28/09**	**01/28/09**	**090128SA2**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	102	103	84-120	1	0-7	

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: 09-01-2295
Davis, CA 95616-6593	Preparation: EPA 3010A Total
	Method: EPA 6010B

Project: PSC - Earthgrains-Oakland, CA.

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-9,079	**Aqueous**	**ICP 5300**	**01/28/09**	**01/28/09**	**090128LA2**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	96	98	80-120	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 09-01-2295

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

KIFF Analytical LLC

2795 Second Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4808

Calscience
7440 Lincoln Way
Garden Grove, CA 92841-1427
714-895-5494

COC No. 2295 67050

AFS 01/27/2009
Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Angelique Showman

EDF Report? YES

Company/Address: Kiff Analytical

Recommended but not mandatory to complete this section:

Sampling Company Log Code: PSCI

Global ID: T0600177342

Deliverables to (Email Address): inbox@kiffanalytical.com

Phone No.: 530-297-4800 | FAX No.: 530-297-4808

Project Number: 62402797 | P.O. No.: 67050

Project Name: PSC - Earthgrains - Oakland, Ca.

Project Address:

Sample Designation	Sampling Date	Sampling Time	Container / Preservative: 250ml Poly HNO3	Matrix: Water	Analysis Request: ICP 6010 Total Lead	TAT: 02/03/2009	For Lab Use Only
MW-102	01/26/09	16:05	1	X	X	X	1
MW-104	01/26/09	13:10	1	X	X	X	2
DW-1	01/26/09	17:10	1	X	X	X	3

Relinquished by:	Date	Time	Received by:
Kiff Analytical	012709	1900	
Relinquished by:	Date	Time	Received by:
Relinquished by: OnTrac C10232035852	Date 1/28/09	Time 0800	Received by Laboratory:

Remarks: Please refer to attached Test Detail.

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-01-2295

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: KIPP ANALYTICAL

DATE: 1/28/09

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

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

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

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

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

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

CUSTODY SEALS INTACT:

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

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

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

CONTAINER TYPE:

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

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

Air: ☐Tedlar® ☐Summa® ☐_____

Checked/Labeled by: WB

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

Reviewed by: AP

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

Scanned by: WB

KIFF Analytical LLC

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

SRG # / Lab No. 67050

Page ___ of ___

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Scott Sander – PSC	California EDF Report? ☑ Yes ☐ No
Company / Address: 210 West Sand Bank Road. Columbia, IL 62236	Sampling Company Log Code:
Phone #: 618-281-7173 / Fax #: 618-281-7020	Global ID:
Project #: 62402797 / P.O. #:	EDF Deliverable To (Email Address): SSander@PSCNOW.com
Project Name: PSC-Earthgrains-Oakland, Ca.	Sampler Signature: Brendon J. Wilder
Project Address: 455 Kennedy St. Oakland, Ca 94606	

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: 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 & 1,2 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)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)					TAT: 1 wk	For Lab Use Only
MW-101	1/26/09	12:10	X					X			X					X								X									01
MW-102		16:05			X				X																		X						02
MW-103		14:30																															03
MW-104		13:10			X				X																		X						04
MW-DUP		—																															05
DW-1		17:10			X				X																		X						06

Relinquished by:	Date	Time	Received by:
Brendon J. Wilder	1/27/09	13:10	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	012709	1319	Kiff Analytical

Remarks:

Bill to: Scott Sander; SSander@PSCNOW.com

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
1-2	LJR	012709	1611	IR-5	(Yes) / No

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

KIFF Analytical LLC

Report Number : 68145
Date : 04/21/2009

Scott Jander
Philip Services Corp
210 W Sand Bank Road
Columbia, IL 62236

Subject : 7 Water Samples
Project Name : Earthgrains Baking Companies, Inc.
Project Number : 62402797

Dear Mr. Jander,

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 : 68145
Date : 04/21/2009

Project Name : **Earthgrains Baking Companies, Inc.**
Project Number : **62402797**

Sample : **TB** Matrix : Water Lab Number : 68145-01
Sample Date :04/15/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/17/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	04/17/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/17/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/17/2009
1,2-Dichloroethane-d4 (Surr)	98.7		% Recovery	EPA 8260B	04/17/2009
Toluene - d8 (Surr)	98.8		% Recovery	EPA 8260B	04/17/2009
TPH as Diesel	**< 50**	50	ug/L	M EPA 8015	04/17/2009
Octacosane (Diesel Surrogate)	77.0		% Recovery	M EPA 8015	04/17/2009

Sample : **MW-101** Matrix : Water Lab Number : 68145-02
Sample Date :04/15/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/17/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	04/17/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/17/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/17/2009
1,2-Dichloroethane-d4 (Surr)	97.1		% Recovery	EPA 8260B	04/17/2009
Toluene - d8 (Surr)	98.3		% Recovery	EPA 8260B	04/17/2009
TPH as Diesel	**< 50**	50	ug/L	M EPA 8015	04/17/2009
Octacosane (Diesel Surrogate)	112		% Recovery	M EPA 8015	04/17/2009

KIFF Analytical LLC

Report Number : 68145
Date : 04/21/2009

Project Name : **Earthgrains Baking Companies, Inc.**
Project Number : **62402797**

Sample : **MW-102** Matrix : Water Lab Number : 68145-03
Sample Date :04/15/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
1,2-Dichloroethane-d4 (Surr)	97.3		% Recovery	EPA 8260B	04/18/2009
Toluene - d8 (Surr)	98.8		% Recovery	EPA 8260B	04/18/2009
TPH as Diesel	**140**	50	ug/L	M EPA 8015	04/17/2009
Octacosane (Diesel Surrogate)	116		% Recovery	M EPA 8015	04/17/2009

Sample : **MW-103** Matrix : Water Lab Number : 68145-04
Sample Date :04/15/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
1,2-Dichloroethane-d4 (Surr)	98.7		% Recovery	EPA 8260B	04/18/2009
Toluene - d8 (Surr)	98.8		% Recovery	EPA 8260B	04/18/2009
TPH as Diesel	**< 50**	50	ug/L	M EPA 8015	04/17/2009
Octacosane (Diesel Surrogate)	115		% Recovery	M EPA 8015	04/17/2009

KIFF Analytical LLC

Report Number : 68145
Date : 04/21/2009

Project Name : **Earthgrains Baking Companies, Inc.**
Project Number : **62402797**

Sample : **MW-104** Matrix : Water Lab Number : 68145-05
Sample Date :04/15/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
1,2-Dichloroethane-d4 (Surr)	98.6		% Recovery	EPA 8260B	04/18/2009
Toluene - d8 (Surr)	98.8		% Recovery	EPA 8260B	04/18/2009
TPH as Diesel	**79**	50	ug/L	M EPA 8015	04/18/2009
Octacosane (Diesel Surrogate)	115		% Recovery	M EPA 8015	04/18/2009

Sample : **DW-1** Matrix : Water Lab Number : 68145-06
Sample Date :04/15/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
1,2-Dichloroethane-d4 (Surr)	99.1		% Recovery	EPA 8260B	04/18/2009
Toluene - d8 (Surr)	98.9		% Recovery	EPA 8260B	04/18/2009
TPH as Diesel	**830**	50	ug/L	M EPA 8015	04/17/2009
Octacosane (Diesel Surrogate)	82.3		% Recovery	M EPA 8015	04/17/2009

KIFF Analytical LLC

Report Number : 68145
Date : 04/21/2009

Project Name : **Earthgrains Baking Companies, Inc.**
Project Number : **62402797**

Sample : **DUP** Matrix : Water Lab Number : 68145-07
Sample Date :04/15/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	04/18/2009
1,2-Dichloroethane-d4 (Surr)	95.2		% Recovery	EPA 8260B	04/18/2009
Toluene - d8 (Surr)	99.2		% Recovery	EPA 8260B	04/18/2009
TPH as Diesel	**960**	50	ug/L	M EPA 8015	04/17/2009
Octacosane (Diesel Surrogate)	81.5		% Recovery	M EPA 8015	04/17/2009

Report Number : 68145

QC Report : Method Blank Data

Date : 04/21/2009

Project Name : **Earthgrains Baking Companies, Inc.**

Project Number : **62402797**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 50	50	ug/L	M EPA 8015	04/17/2009
Octacosane (Diesel Surrogate)	83.1		%	M EPA 8015	04/17/2009
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/17/2009
1,2-Dichloroethane-d4 (Surr)	104		%	EPA 8260B	04/17/2009
Toluene - d8 (Surr)	96.2		%	EPA 8260B	04/17/2009
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/17/2009
1,2-Dichloroethane-d4 (Surr)	98.5		%	EPA 8260B	04/17/2009
Toluene - d8 (Surr)	98.6		%	EPA 8260B	04/17/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Report Number : 68145

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 04/21/2009

Project Name : **Earthgrains Baking Companies, Inc.**

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	960	959	ug/L	M EPA 8015	4/17/09	96.0	95.9	0.128	70-130	25
Benzene	68120-02	<0.50	39.0	39.0	40.1	39.3	ug/L	EPA 8260B	4/17/09	103	101	2.02	70-130	25
Toluene	68120-02	<0.50	39.7	39.7	40.4	39.4	ug/L	EPA 8260B	4/17/09	102	99.2	2.54	70-130	25
Benzene	68123-03	<0.50	39.3	39.3	37.1	36.4	ug/L	EPA 8260B	4/17/09	94.2	92.6	1.69	70-130	25
Toluene	68123-03	<0.50	40.1	40.1	38.8	38.1	ug/L	EPA 8260B	4/17/09	96.6	94.8	1.89	70-130	25

Report Number : 68145

QC Report : Laboratory Control Sample (LCS)

Date : 04/21/2009

Project Name : **Earthgrains Baking Companies, Inc.**

Project Number : **62402797**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	39.3	ug/L	EPA 8260B	4/17/09	101	70-130
Toluene	40.1	ug/L	EPA 8260B	4/17/09	102	70-130
Benzene	40.0	ug/L	EPA 8260B	4/17/09	97.3	70-130
Toluene	40.0	ug/L	EPA 8260B	4/17/09	97.0	70-130

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB KIFF 68145 DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
☐ EPA ☐ RWQCB REGION _____
☐ LIA
☐ OTHER

CHAIN OF CUSTODY BTS # 090415-MN1

CLIENT PSC

SITE Earthgrains Baking Companies, Inc.
955 Kennedy St.
Oakland, CA

SPECIAL INSTRUCTIONS

Invoice & Report to: PSC Attn: Scott Jander
210 West Sand Bank Rd. Columbia, IL 62236
PSC Project # 62402797
sjander@pscnow.com
Ph. 618-281-1546

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL		C = COMPOSITE ALL CONTAINERS	BTEX (8260 B)	TPH-D (8015 M)						ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
TB	4/15/09	0945	W	3	HCl VOA		X	X									01
MW-101		1200	W				X	X									02
MW-102		1210	W				X	X									03
MW-103		1110	W				X	X									04
MW-104		1135	W				X	X									05
DW-1		1016	W				X	X									06
DUP		1000	W				X	X									07

SAMPLING COMPLETED DATE 4/15/09 TIME 1230
SAMPLING PERFORMED BY Michael Ninokata

RESULTS NEEDED NO LATER THAN Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	4/15/09		(Courier)	4/15/09	1430
	4/16/09	1143	Kiff Analytical	4/16/09	1143

SHIPPED VIA | DATE SENT | TIME SENT | COOLER #

SAMPLE RECEIPT
Temp °C 1.4 Therm. ID# IR-5
Initial [illegible] Date 04/16/09
Time 1643 Coolant present: Yes / No

KIFF Analytical LLC

Report Number : 69365
Date : 07/28/2009

Scott Jander
Philip Services Corp
210 W Sand Bank Road
Columbia, IL 62236

Subject : 7 Water Samples
Project Name : Earthgrains Baking Companies, Inc.
Project Number : 62402797

Dear Mr. Jander,

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 : 69365
Date : 07/28/2009

Project Name : **Earthgrains Baking Companies, Inc.**
Project Number : **62402797**

Sample : **MW-101** Matrix : Water Lab Number : 69365-01
Sample Date :07/22/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	07/24/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	07/24/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	07/24/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	07/24/2009
1,2-Dichloroethane-d4 (Surr)	95.0		% Recovery	EPA 8260B	07/24/2009
Toluene - d8 (Surr)	95.7		% Recovery	EPA 8260B	07/24/2009
TPH as Diesel	**< 50**	50	ug/L	M EPA 8015	07/27/2009
Octacosane (Diesel Surrogate)	99.4		% Recovery	M EPA 8015	07/27/2009

Sample : **MW-102** Matrix : Water Lab Number : 69365-02
Sample Date :07/22/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	07/24/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	07/24/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	07/24/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	07/24/2009
1,2-Dichloroethane-d4 (Surr)	96.2		% Recovery	EPA 8260B	07/24/2009
Toluene - d8 (Surr)	95.9		% Recovery	EPA 8260B	07/24/2009
TPH as Diesel	**120**	50	ug/L	M EPA 8015	07/27/2009
Octacosane (Diesel Surrogate)	95.4		% Recovery	M EPA 8015	07/27/2009

KIFF Analytical LLC

Report Number : 69365
Date : 07/28/2009

Project Name : **Earthgrains Baking Companies, Inc.**
Project Number : **62402797**

Sample : **MW-103** Matrix : Water Lab Number : 69365-03
Sample Date :07/22/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	07/24/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	07/24/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	07/24/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	07/24/2009
1,2-Dichloroethane-d4 (Surr)	96.3		% Recovery	EPA 8260B	07/24/2009
Toluene - d8 (Surr)	96.0		% Recovery	EPA 8260B	07/24/2009
TPH as Diesel	**< 50**	50	ug/L	M EPA 8015	07/27/2009
Octacosane (Diesel Surrogate)	96.0		% Recovery	M EPA 8015	07/27/2009

Sample : **MW-104** Matrix : Water Lab Number : 69365-04
Sample Date :07/22/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	07/24/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	07/24/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	07/24/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	07/24/2009
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	07/24/2009
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	07/24/2009
TPH as Diesel	**97**	50	ug/L	M EPA 8015	07/27/2009
Octacosane (Diesel Surrogate)	95.0		% Recovery	M EPA 8015	07/27/2009

KIFF Analytical LLC

Report Number : 69365
Date : 07/28/2009

Project Name : **Earthgrains Baking Companies, Inc.**
Project Number : **62402797**

Sample : **DW-1** Matrix : Water Lab Number : 69365-05
Sample Date :07/22/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	07/23/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	07/23/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	07/23/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	07/23/2009
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	07/23/2009
Toluene - d8 (Surr)	96.7		% Recovery	EPA 8260B	07/23/2009
TPH as Diesel	**1000**	50	ug/L	M EPA 8015	07/27/2009
Octacosane (Diesel Surrogate)	101		% Recovery	M EPA 8015	07/27/2009

Sample : **DUP** Matrix : Water Lab Number : 69365-06
Sample Date :07/22/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	07/25/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	07/25/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	07/25/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	07/25/2009
1,2-Dichloroethane-d4 (Surr)	99.9		% Recovery	EPA 8260B	07/25/2009
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	07/25/2009
TPH as Diesel	**1100**	50	ug/L	M EPA 8015	07/27/2009
Octacosane (Diesel Surrogate)	99.8		% Recovery	M EPA 8015	07/27/2009

KIFF Analytical LLC

Report Number : 69365
Date : 07/28/2009

Project Name : **Earthgrains Baking Companies, Inc.**
Project Number : **62402797**

Sample : **TB** Matrix : Water Lab Number : 69365-07
Sample Date :07/22/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	07/23/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	07/23/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	07/23/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	07/23/2009
1,2-Dichloroethane-d4 (Surr)	97.2		% Recovery	EPA 8260B	07/23/2009
Toluene - d8 (Surr)	95.5		% Recovery	EPA 8260B	07/23/2009

Report Number : 69365

Date : 07/28/2009

QC Report : Method Blank Data

Project Name : **Earthgrains Baking Companies, Inc.**

Project Number : **62402797**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 50	50	ug/L	M EPA 8015	07/27/2009
Octacosane (Diesel Surrogate)	97.4		%	M EPA 8015	07/27/2009
Benzene	< 0.50	0.50	ug/L	EPA 8260B	07/24/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	07/24/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	07/24/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	07/24/2009
1,2-Dichloroethane-d4 (Surr)	98.8		%	EPA 8260B	07/24/2009
Toluene - d8 (Surr)	103		%	EPA 8260B	07/24/2009
Benzene	< 0.50	0.50	ug/L	EPA 8260B	07/23/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	07/23/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	07/23/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	07/23/2009
1,2-Dichloroethane-d4 (Surr)	104		%	EPA 8260B	07/23/2009
Toluene - d8 (Surr)	97.0		%	EPA 8260B	07/23/2009
Benzene	< 0.50	0.50	ug/L	EPA 8260B	07/24/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	07/24/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	07/24/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	07/24/2009
1,2-Dichloroethane-d4 (Surr)	98.1		%	EPA 8260B	07/24/2009
Toluene - d8 (Surr)	104		%	EPA 8260B	07/24/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	07/23/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	07/23/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	07/23/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	07/23/2009
1,2-Dichloroethane-d4 (Surr)	97.3		%	EPA 8260B	07/23/2009
Toluene - d8 (Surr)	95.8		%	EPA 8260B	07/23/2009

Report Number : 69365

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 07/28/2009

Project Name : **Earthgrains Baking Companies, Inc.**

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	968	995	ug/L	M EPA 8015	7/27/09	96.8	99.5	2.78	70-130	25
Benzene	69383-01	<0.50	40.6	40.6	39.6	38.0	ug/L	EPA 8260B	7/24/09	97.5	93.5	4.15	70-130	25
Toluene	69383-01	<0.50	40.1	40.1	40.7	39.4	ug/L	EPA 8260B	7/24/09	102	98.2	3.32	70-130	25
Benzene	69351-02	<0.50	40.6	40.6	40.5	40.3	ug/L	EPA 8260B	7/23/09	99.8	99.2	0.690	70-130	25
Toluene	69351-02	<0.50	40.1	40.1	39.9	39.2	ug/L	EPA 8260B	7/23/09	99.4	97.7	1.70	70-130	25
Benzene	69369-01	0.72	40.6	40.6	43.7	42.9	ug/L	EPA 8260B	7/24/09	106	104	1.81	70-130	25
Toluene	69369-01	<0.50	40.1	40.1	43.5	41.8	ug/L	EPA 8260B	7/24/09	108	104	4.04	70-130	25
Benzene	69351-01	7.6	40.6	40.6	49.0	47.7	ug/L	EPA 8260B	7/23/09	102	98.7	3.19	70-130	25
Toluene	69351-01	<0.50	40.1	40.1	41.1	40.1	ug/L	EPA 8260B	7/23/09	102	99.9	2.61	70-130	25

Report Number : 69365

QC Report : Laboratory Control Sample (LCS)

Date : 07/28/2009

Project Name : **Earthgrains Baking Companies, Inc.**

Project Number : **62402797**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.6	ug/L	EPA 8260B	7/24/09	96.2	70-130
Toluene	40.1	ug/L	EPA 8260B	7/24/09	101	70-130
Benzene	40.1	ug/L	EPA 8260B	7/23/09	100	70-130
Toluene	40.1	ug/L	EPA 8260B	7/23/09	98.6	70-130
Benzene	40.6	ug/L	EPA 8260B	7/24/09	105	70-130
Toluene	40.1	ug/L	EPA 8260B	7/24/09	108	70-130
Benzene	39.8	ug/L	EPA 8260B	7/23/09	104	70-130
Toluene	39.8	ug/L	EPA 8260B	7/23/09	102	70-130

Calscience Environmental Laboratories, Inc.

July 30, 2009

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

Subject: **Calscience Work Order No.: 09-07-1979**
Client Reference: Earthgrains Baking Companies, Inc.

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 7/24/2009 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Amanda Porter

Calscience Environmental
Laboratories, Inc.
Amanda Porter
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical		Date Received:	07/24/09
2795 2nd Street, Suite 300		Work Order No:	09-07-1979
Davis, CA 95616-6593		Preparation:	EPA 3510C
		Method:	EPA 8310
		Units:	ug/L

Project: Earthgrains Baking Companies, Inc.

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-101	**09-07-1979-1-A**	**07/22/09 10:20**	**Aqueous**	**HPLC 5**	**07/28/09**	**07/28/09 16:06**	**090728L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Chrysene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Fluorene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Anthracene	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Fluoranthene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Pyrene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decafluorobiphenyl	50	16-100	

MW-102	09-07-1979-2-A	07/22/09 11:55	Aqueous	HPLC 5	07/28/09	07/28/09 16:38	090728L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Chrysene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Fluorene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Anthracene	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Fluoranthene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Pyrene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decafluorobiphenyl	67	16-100	

MW-103	09-07-1979-3-A	07/22/09 11:15	Aqueous	HPLC 5	07/28/09	07/28/09 17:11	090728L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Chrysene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Fluorene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Anthracene	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Fluoranthene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Pyrene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decafluorobiphenyl	53	16-100	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical		Date Received:	07/24/09
2795 2nd Street, Suite 300		Work Order No:	09-07-1979
Davis, CA 95616-6593		Preparation:	EPA 3510C
		Method:	EPA 8310
		Units:	ug/L

Project: Earthgrains Baking Companies, Inc.

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-104	**09-07-1979-4-A**	**07/22/09 10:55**	**Aqueous**	**HPLC 5**	**07/28/09**	**07/28/09 17:43**	**090728L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Chrysene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Fluorene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Anthracene	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Fluoranthene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Pyrene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decafluorobiphenyl	70	16-100	

DW-1	**09-07-1979-5-A**	**07/22/09 11:30**	**Aqueous**	**HPLC 5**	**07/28/09**	**07/28/09 18:16**	**090728L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Chrysene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Fluorene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Anthracene	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Fluoranthene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Pyrene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decafluorobiphenyl	28	16-100	

DUP	**09-07-1979-6-A**	**07/22/09 11:40**	**Aqueous**	**HPLC 5**	**07/28/09**	**07/28/09 18:49**	**090728L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Chrysene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Fluorene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Anthracene	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Fluoranthene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Pyrene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decafluorobiphenyl	82	16-100	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical		Date Received:	07/24/09
2795 2nd Street, Suite 300		Work Order No:	09-07-1979
Davis, CA 95616-6593		Preparation:	EPA 3510C
		Method:	EPA 8310
		Units:	ug/L

Project: Earthgrains Baking Companies, Inc.

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-07-003-1,376**	**N/A**	**Aqueous**	**HPLC 5**	**07/28/09**	**07/28/09 13:55**	**090728L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Chrysene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Fluorene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Anthracene	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Fluoranthene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Pyrene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decafluorobiphenyl	52	16-100	

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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 09-07-1979
Preparation: EPA 3510C
Method: EPA 8310

Project: Earthgrains Baking Companies, Inc.

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-07-003-1,376	**Aqueous**	**HPLC 5**	**07/28/09**	**07/28/09**	**090728L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Naphthalene	100	101	26-170	2-194	1	0-21	
Acenaphthylene	78	79	49-133	35-147	1	0-23	
Acenaphthene	82	82	49-133	35-147	0	0-20	
Fluorene	79	80	56-134	43-147	0	0-17	
Phenanthrene	82	82	59-131	47-143	1	0-18	
Anthracene	79	80	58-136	45-149	0	0-19	
Fluoranthene	76	76	60-132	48-144	1	0-19	
Pyrene	78	79	65-125	55-135	1	0-21	
Benzo (a) Anthracene	83	83	65-137	53-149	0	0-21	
Chrysene	82	82	65-143	52-156	0	0-21	
Benzo (b) Fluoranthene	82	83	67-139	55-151	1	0-22	
Benzo (k) Fluoranthene	84	84	68-140	56-152	0	0-22	
Benzo (a) Pyrene	85	85	62-134	50-146	1	0-22	
Dibenz (a,h) Anthracene	84	84	66-138	54-150	0	0-28	
Benzo (g,h,i) Perylene	83	83	66-138	54-150	0	0-21	
Indeno (1,2,3-c,d) Pyrene	85	85	63-135	51-147	0	0-22	

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

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 09-07-1979

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

(1979)

KIFF Analytical LLC
2795 Second Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4808

Calscience
7440 Lincoln Way
Garden Grove, CA 92841-1427
714-895-5494

COC No. **69365** Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Scott Forbes

EDF Report? NO

Company/Address: Kiff Analytical

Phone No.: 530-297-4800 FAX No.: 530-297-4808

Project Number: 62402797 P.O. No.: 69365

Project Name: Earthgrains Baking Companies, Inc.

Project Address:

Recommended but not mandatory to complete this section:

Sampling Company Log Code:

Global ID:

Deliverables to (Email Address): inbox@kiffanalytical.com

Sample Designation	Sampling Date	Sampling Time	Container / Preservative: 1-L Amber None	Matrix: Water	Analysis Request: PNAs by EPA 8310	TAT: 4-Days	For Lab Use Only
MW-101	07/22/09	10:20	2	X	X	X	1
MW-102	07/22/09	11:55	2	X	X	X	2
MW-103	07/22/09	11:15	2	X	X	X	3
MW-104	07/22/09	10:55	2	X	X	X	4
DW-1	07/22/09	11:30	2	X	X	X	5
DUP	07/22/09	11:40	2	X	X	X	6

Relinquished by:	Date	Time	Received by:
Tim Brown Kiff Analytical	072309	1900	
Relinquished by:	Date	Time	Received by:
Relinquished by: ONTRAC # B10244074083	Date 7/24/09	Time 10:15	Received by Laboratory: Jacy R. CSE

Remarks:

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-07-1979

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: ICIFF DATE: 07/24/09

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

Temperature 5.4 °C - 0.2 °C (CF) = 5.2 °C ☑ Blank ☐ Sample

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

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

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

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

CUSTODY SEALS INTACT:

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

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

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

CONTAINER TYPE:

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

Water: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☑1AGB2 ☐1AGB**na$_2$** ☐1AGB**s**

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

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

Air: ☐Tedlar® ☐Summa® ☐_____ **Other:** ☐_____ **Checked/Labeled by:** PS

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

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

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

LAB KIFF 69365 DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
☐ EPA ☐ RWQCB REGION _____
☐ LIA
☐ OTHER

CHAIN OF CUSTODY BTS# 090722-FS1

CLIENT PSC

SITE Earthgrains Baking Companies, Inc.
955 Kennedy St.
Oakland, CA

SPECIAL INSTRUCTIONS

Invoice & Report to: PSC Attn: Scott Jander
210 West Sand Bank Rd. Columbia, IL 62236
PSC Project # 62402797
sjander@pscnow.com
Ph. 618-281-1546

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	DATE	TIME	MATRIX S=SOIL W=H_2O	CONTAINERS TOTAL	CONTAINERS NP AMBERS HCL	C = COMPOSITE ALL CONTAINERS	BTEX (8260 B)	TPH-D (8015 M)	PAH (8310)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-101	7-22-09	1020	W	5			X	X	X				01
MW-102		1155	W	5			X	X	X				02
MW-103		1115	W	5			X	X	X				03
MW-104		1055	W	5			X	X	X				04
DW-1		1130	W	5			X	X	X				05
DUP		1140	W	5			X	X	X				06
TB		940	W	2			X						07

SAMPLING COMPLETED DATE 7-22-09 TIME 1200
SAMPLING PERFORMED BY F. SPRINGSTONG W. WONG

RESULTS NEEDED NO LATER THAN Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
FRANCIS SPRINGSTONG	7-22-09	13:00	1430 (SAMPLE CUSTODIAN)	7-22-09	1430
(Sample Custodian)	7/23/09	1015			
			KIFF Analytical	072309	1015

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER: ADR Initials

SRG#: 69365 Date: 072309

Project ID: Earthgrains Baking Companies, Inc

Method of Receipt: ☒ Courier ☐ Over-the-counter ☐ Shipper

COC Inspection

Is COC present?			☒ Yes	☐ No
Custody seals on shipping container?			☐ Intact	☐ Broken ☐ Not present ☒ N/A
Is COC Signed by Relinquisher?	☒ Yes ☐ No	Dated?	☒ Yes	☐ No
Is sampler name legibly indicated on COC?			☒ Yes	☐ No
Is analysis or hold requested for all samples			☒ Yes	☐ No
Is the turnaround time indicated on COC?			☒ Yes	☐ No
Is COC free of whiteout and uninitialed cross-outs?			☒ Yes	☐ No, Whiteout ☐ No, Cross-outs

Sample Inspection

Coolant Present: ☒ Yes ☐ No (includes water)

Temperature °C 3.0 Therm. ID# IR-5 Initial ADR Date/Time 072309 / 1359 ☐ N/A

Are there custody seals on sample containers?		☐ Intact	☐ Broken	☒ Not present
Do containers match COC?	☒ Yes ☐ No ☐ No, COC lists absent sample(s)		☐ No, Extra sample(s) present	
Are there samples matrices other than soil, water, air or carbon?		☐ Yes	☒ No	
Are any sample containers broken, leaking or damaged?		☐ Yes	☒ No	
Are preservatives indicated?	☒ Yes, on sample containers	☒ Yes, on COC	☐ Not indicated	☐ N/A
Are preservatives correct for analyses requested?		☒ Yes	☐ No	☐ N/A
Are samples within holding time for analyses requested?		☒ Yes	☐ No	
Are the correct sample containers used for the analyses requested?		☒ Yes	☐ No	
Is there sufficient sample to perform testing?		ADR ~~☒ Yes~~	☒ No	
Does any sample contain product, have strong odor or are otherwise suspected to be hot?			☐ Yes	☒ No

Receipt Details

Matrix WA	Container type 4oz WAG	# of containers received 20
Matrix WA	Container type N-P.ILAmber	# of containers received 12
Matrix	Container type	# of containers received

Date and Time Sample Put into Temp Storage Date: 072309 Time: 1401

Quicklog

Are the Sample ID's indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If Sample ID's are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	
Is the Project ID indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If project ID is listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	
Are the sample collection dates indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If collection dates are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	
Are the sample collection times indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If collection times are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	

COMMENTS: possible insufficient sample -01 thru -06.
ADR 072309-1016