May 8, 2006

Mr. Don Hwang
Alameda County Health Care Services
Environmental Health Services
Environmental Protection (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RE: Preliminary Results of Site Characterization: Proposed Additional Activities-
Former Exxon Station, 5175 Broadway, Oakland, California
(**ACHCSA Fuel Leak Case No: RO0000139**; GGTR Project No. 8679)

Dear Mr. Hwang:

On behalf of Ms. Mojdeh Mehdizadeh, Golden Gate Tank Removal, Inc. (GGTR) is pleased to provide a brief summary of findings of the soil boring and sampling activities and additionally proposed site characterization activities at the former Exxon Station located at 5175 Broadway in Oakland, California. The soil boring activities at the site were performed in general accordance with our September 12, 2005 Work Plan for Additional Site Characterization, which was approved by the Alameda County Health Care Services Agency (ACHCSA), in your letter dated December 22, 2005. Figure 2 is a *Site Vicinity Plan*, showing the existing and additionally proposed boring/well locations.

Site Location and Description
The subject property is located at the southwest corner of the intersection of Broadway Street and Coronado Avenue in Oakland, California (Alameda County). The site lays approximately 0.55-mile (2,900 feet) south-southeast of Highway 24 and approximately 2.3 miles east of Interstate 80 and the San Francisco Bay. The general location of the site is shown on the attached Figure 1, *Site Location Map*.

The commercial property has been vacant since 1979 and was formerly occupied by an Exxon Service Station for fuel distribution and the service and repair of automobiles. The site is approximately 13,200 square feet in lot area with about 10% utilized by a vacant station/garage structure and the remaining 90%, uncovered and vacant. The majority of the ground surface is paved with concrete and/or asphalt and the elevation of the site is approximately 160 feet above Mean Sea Level (Figure 1). The site, adjacent properties, and pertinent site structures are shown on the attached Figure 2, *Site Vicinity Plan*.

The property is relatively flat lying, slightly sloping to the south-southwest. The topographic relief in the immediate vicinity of the site is also generally directed toward the south-southwest (Figure 1). Regional topographic relief appears to be directed toward the southwest, in the general direction of the San Francisco Bay.

Three 8,000-gallon gasoline USTs and one 500-gallon waste oil UST were located beneath the subject property at the approximate locations shown in Figure 2. The tanks were removed by Tank Protect Engineering, Inc. (TPE) in January 1990. Five monitor wells were installed onsite in April 1990 and June 1991, and are currently used to assess groundwater quality in the vicinity of the former gasoline USTs (Figure 2). A brief discussion of the tank removal and well installation activities is presented herein.

Regional/Local Geology and Hydrogeology

According to a Geologic Map of the San Francisco-San Jose Quadrangle published by the California Department of Conservation, the site is underlain by marine sandstone, greenstones, shale, conglomerates, and cherts of the Mesozoic Franciscan Complex (thicknesses not established). The map also indicates that the site lays approximately 1.5 miles southeast and 18 miles northwest, respectively, of the Hayward and San Andreas Fault Zones.

Native subsurface soil reported at the site during the February 2006 drilling and sampling activities was predominantly moderate to dark yellowish brown, sandy clay / clayey sand with silt and gravel between approximately 5 and 15 fbg. Rock, rock fragments and concrete fill material were encountered at various depths in the majority of the soil borings. Underlying soil, as described during the 1990/1991 well installation activities, was a clayey silt (STMW-4), claystone (MW-2 & MW-3) and silty, gravelly clay (STMW-5) to a total explored sample depth of 23 fbg.

Depth to static groundwater as measured on a general quarterly basis in the five-onsite monitoring wells between May 1990 and October 2002, ranged between approximately 8 (MW-1) and 14.5 (STMW-5) fbg. Static groundwater measured in MW-1, MW-2, STMW-4, and STMW-5 in January 2006, ranged between 7.6 and 12.2 fbg. The associated site groundwater gradient flow measured during these monitoring periods was directed generally southwest. The regional groundwater flow in the vicinity of the site is assumed to be towards the southwest, in the direction of the San Francisco Bay, and generally following the natural topographic relief of the area.

The site is in the East Bay Plain Groundwater Basin according to the San Francisco Bay Basin Water Quality Control Plan prepared by the California Regional Water Quality Control Board – Region 2 (CRWQCB, 1995). Groundwater in this basin is designated beneficial for municipal and domestic water supply and industrial process, service water, and agricultural water supply. According to the CRWQCB's associated Beneficial Use Evaluation Report, the site lays within the proposed East Bay Plain Sub-Area/ Management Zone B, typically not designated as a significant drinking water resource area.

The nearest surface water body is Glen Echo Creek, approximately 0.75 mile (3,950 feet) south of the site, with intermittent southwesterly surface water flow generally paralleling Broadway Street to its intersection with 27th Street. Flow then appears to continue southward along 27th Street via a potential underground culvert into Lake Merritt, located approximately 1.8 miles south-southwest of the site (Figure 1).

Environmental Site History

Underground Storage Tank Removal – January 1990

In January 1990, Tank Protect Engineering (TPE) removed three 8,000-gallon gasoline USTs, one 500-gallon waste oil UST, and associated subsurface product piping from the site at the approximate locations shown in Figure 2. Discrete soil samples collected from the sidewalls of the gasoline tank excavation (*Sample Ids: S-2-N to S-4-S*) between 7 and 10.5 feet below grade (fbg), contained concentrations of Total Petroleum Hydrocarbons as gasoline, TPH-G ≤970 milligrams per kilogram (mg/kg). TPH as diesel (TPH-D), total oil & grease, and halogenated volatile organic compounds measured in discrete soil samples collected from the center of the waste oil tank excavation (*Sample Id: S-1-W*) were below respective laboratory reporting limits. BTEX concentrations measured in the excavation samples were either insignificant or below the respective laboratory reporting limit. Discrete soil samples collected directly beneath the fuel product lines (*Sample Ids: S-P-1 to S-P-3*) between the dispenser islands and USTs, contained non detectable or insignificant concentrations of TPH-G & BTEX. The approximate locations of each UST and product piping removal sample are shown in Figure 2. Groundwater was reportedly observed to stabilize in the UST excavation between 10.5 and 11 fbg, the approximate vertical limit of the UST excavation. Analytical results of soil and grab groundwater samples collected during the UST removal activities at the site are summarized in the attached **Table 1A**.

Over-Excavation and Well Installation Activities – February/April 1990

In February 1990, TPE over-excavated approximately 700 tons of gasoline-affected soil surrounding the former UST locations, to the approximate lateral excavation limits shown in Figure 2. As approved by the ACHCSA in a letter dated November 9, 1990, following onsite soil treatment and discrete soil sampling and analysis of the over-excavated stockpiled soil, TPE subsequently backfilled the excavation with the stockpiled soil. To our knowledge, excavation confirmation sampling was not conducted. To date, the over-excavated area has been left unpaved.

TPE, in April 1990, rotary auger drilled three 10-inch-diameter borings at the site and converted each to a 4-inch-diameter groundwater monitor well (**MW-1 to MW-3**). Discrete soil samples collected from each borehole between 4 and 14.5 fbg, contained concentrations of TPH-G ≤190 mg/kg and benzene ≤1.7 mg/kg. Monitor well locations are shown in Figure 2. Table 1A includes the soil analytical results of the borehole sampling activities.

On April 30, 1990, following initial well development, TPE collected groundwater samples from each well and analyzed the samples for TPH-G and BTEX constituents. Top of casing elevations for each wellhead were professionally surveyed relative to Mean Sea Level. **Table 2A** presents the analytical results of the initial well sampling activities. The tank removal, over-excavation, and well installation activities are documented in TPE's *Preliminary Site Assessment Report*, dated June 13, 1990.

Quarterly Well Monitoring Activities – September 1990 & January 1991

On September 26, 1990, and January 14, 1991, Soil Tech Engineering, Inc. (STE) conducted monitoring and sampling activities at the site for each of the newly-installed groundwater wells MW-1 to MW-3. Table 2A includes the respective groundwater sample analytical results and fluid-level monitoring data for these events.

Additional Well Installation and Sampling – June 1991 to August 1994
Based on the elevated concentrations of gasoline-range hydrocarbons measured in the groundwater samples collected in each well, the ACHCSA, in a letter dated March 29, 1991, requested additional site investigation to delineate the extent of the dissolved hydrocarbon plume. STE, on June 21, 1991, installed two additional groundwater monitor wells at the site (**STMW-4 & STMW-5**), at the locations shown in Figure 2. Discrete soil samples were collected from each borehole at 5 and 10 fbg and analyzed for TPH-G and BTEX. Table 1A includes the analytical results of the borehole sampling activities.

Following well development on June 24, 1991, STE sampled each well on July 3, 1991 and submitted the groundwater samples for TPH-G and BTEX analysis. Table 2 includes the respective groundwater sample analytical results and fluid-level monitoring data for this event. Details of the June/July 1991 well installation and sampling activities are presented in STE's July 23, 1991, *Report of Additional Investigation and Groundwater Sampling.*

As recommended in the July 1991 report, STE conducted six additional quarterly monitoring and sampling events at the site in November 1991, March, June, and September 1992 (consecutive events), and in January 1993 and August 1994 (non-consecutive events). Table 2A includes the respective groundwater sample analytical results and fluid-level monitoring data for these events. Details of each respective monitoring/sampling event are presented in STE's November 1991, March, June, and October 1992, January 1993, and September 1994, *Reports of Quarterly Groundwater Sampling and Monitoring.*

On October 5, 1994, STE prepared its *Work Plan for Additional Soil and Groundwater Investigation*; however, work plan submittal/implementation and quarterly monitoring was reportedly not authorized by the responsible party, and thus monitoring was discontinued at the site between August 1994 and November 1996. The general scope of work presented in STE's work plan included drilling four additional soil borings at the west and east corners of the property and convert each to an additional monitor well.

Quarterly Well Monitoring Activities – November 1996 to February 2001
STE resumed well monitoring and sampling activities at the site on a consecutive quarterly basis between November 7, 1996 and February 16, 2001. STE monitored, purged, and sampled each of the five onsite wells, and analyzed each sample for TPH-G, TPH as diesel (TPH-D), BTEX, and methyl tertiary-butyl ether (MTBE). Groundwater samples were not analyzed for TPH-D analysis in May 1999 and between November 1999 and February 2001. Monitoring and sampling was discontinued at the site until January 2002. Table 2A includes the respective groundwater sample analytical results and fluid-level monitoring data for these quarterly events.

Well Monitoring Activities – January, July, and October 2002
Based upon client authorization, Enviro Soil Tech Consultants (ESTC) conducted additional well monitoring and sampling activities at the site on January 11, July 1, and October 4, 2002. ESTC monitored, purged, and sampled each well, and analyzed each sample for TPH-G, TPH-D, BTEX, and MTBE. Table 2A includes the respective groundwater sample analytical results and fluid-level monitoring data for these quarterly events. Details of each respective monitoring/sampling event are presented in ESTC's March 4, July 19, and October 25, 2002, *Quarterly Groundwater Monitoring and Sampling Report.*

Human Health Risk Assessment – February 2004
Based on the reportedly decreasing trend of residual elevated concentrations of gasoline-range hydrocarbons measured in the groundwater samples collected at the site since April 1990, the ACHCSA, in a letter dated December 2001, requested that a Human Health Risk Assessment be conducted to determine whether the site qualified as a low risk groundwater case. ESTC subcontracted SOMA Environmental Engineering, Inc. (SOMA) to prepare their report entitled "*Conducting Human Health Risk Assessment*", which was submitted to the ACHCSA on February 17, 2004.

Based on review of SOMA's February 2004 report, the ACHCSA, in their letter dated October 6, 2004, informed the responsible party to postpone proposal and review of additional human health screening evaluation until site and source characterization activities, as proposed herein, are completed. The ACHCSA requested a work plan addressing the additional site/source characterization activities to be conducted at the subject site. On September 12, 2005, GGTR prepared their *Work Plan for Additional Site Characterization*, which was approved by the ACHCSA in a letter dated December 22, 2005. Implementation of the additional site characterization activities is summarized below.

Additional Site Characterization Activities -February 2006

Drilling, Sampling & Analysis
On January 31 and February 1 & 6, 2006, GGTR in collaboration with Gregg Drilling & Testing, Inc., conducted additional soil boring and sampling activities at the subject property to further define the lateral extent of soil and groundwater contamination in the direct vicinity of the former gasoline USTs. The locations of the additional soil and hydropunch borings B1-B15, as well as the existing groundwater monitor wells MW-1 through STMW-5 are shown in the attached Figure 2. Monitor Well MW-3 was not located during the current field activities. Because of dense soil, rock, and concrete fill material encountered during initial direct push boring activities, hollow stem augers were utilized to the drill to proposed depths. Due to concrete encountered beneath the parking strip along the Broadway frontage, boring B3 was relocated onsite, as shown in Figure 2.

Discrete soil samples collected in B1 through B10 between 5 and 10 fbg contained up to 180 mg/kg TPH-G (B9 @ 9 fbg), 0.65 mg/kg benzene (B3 @ 9 fbg), as well as insignificant or non-detectable concentrations of toluene, ethylbenzene, total xylenes, MTBE, and other fuel oxygenates. Only soil sample TPH-G and benzene concentrations measured in B3 and TPH-G measured in B9 at 9 fbg slightly exceeded applicable California Regional Water Quality Control Board Environmental Screening Levels (ESLs). Based on diesel odors detected in site monitor wells during a preliminary site reconnaissance, GGTR analyzed soil samples in selected borings located in the direct vicinity of MW-1 through STMW-4 for TPH as diesel (TPH-D). No detectable TPH-D concentrations were measured in any boring soil sample. Soil boring sample analytical results are presented in the attached **Table 1B**. A copy of the Geologic Boring Logs for B1-B15 are attached.

Grab groundwater samples collected from each boring contained up to 230,000 ug/l TPH-G and 13,000 ug/l benzene (B11), as well as other elevated concentrations of gasoline-range hydrocarbons exceeding applicable ESLs. The depth to groundwater measured in site monitor wells on January 31, 2006, ranged between 7.6 (MW-1) and 12.2 (STMW-5) fbg, and in B3-B5, B7, B8, and B11 on February 8, 2006 (following stabilization), between approximately 7 (B5)

and 11.7 (B7) fbg. The groundwater gradient based on January 2006 fluid-level data was directed southwest at approximately 0.04 foot per foot. Results of grab groundwater hydrocarbon analyses are provided on the attached Figure 3, *Site Vicinity Plan - Grab Groundwater Sample Concentrations, February 2006*. Figure 4, presents a *Groundwater TPH-G and Benzene Isoconcentration Map*. Laboratory results of grab groundwater hydrocarbon analyses and fluid-level monitoring data for the existing soil borings are presented in the attached **Table 2B**. A copy of the associated Laboratory Certificates of Analysis and chain of custody forms is attached for your review.

As approved by the ACHCSA, GGTR also submitted the soil samples collected from B4 and B10 at 5 and 10 fbg (vadose and saturated zones, respectively) for grain size analysis, total porosity and organic content, to provide site-specific data for future re-evaluation of human health screening as discussed in the ACHCSA's October 6, 2004 directive letter. A copy of the associated reports for each respective test is attached.

Backfilling & Waste Management

Following sampling activities, all borings were tremie-grouted with neat Portland cement, under the supervision of the Alameda County Water District. The balance of each borehole was backfilled with appropriate surface material to restore original site conditions.

Soil cuttings, equipment wash and rinse water, and solidified cement/water mixture displaced during backfilling activities were transferred to 55-gallon steel drums and temporarily stored onsite in a secure area. Following receipt of composite soil and grab groundwater samples analytical results, GGTR profiled the separate waste streams to State-licensed disposal/recycling facilities. On March 3, 2006, GGTR transported approximately 3.5 tons of soil under Non-hazardous Waste Manifest #74478 to the Class II Forward Landfill facility in Manteca, California. On March 8 and April 11, 2006, Clearwater Environmental, Inc. transported the wash/rinse water and cement solid waste streams under respective Waste Manifest Nos. 25130767 and 1763 (Non-Hazardous) to the Alviso Independent Oil facility in Alviso, California. A copy of each waste manifest is attached.

GeoTracker Upload

GGTR uploaded the soil and grab groundwater sample analytical data in electronic deliverable format (EDF) to the State Water Resources Control Board's GeoTracker Database System (State Assembly Bill 2886). Also, all monitor well static fluid-level data collected during the January 2006 activities, as well as the most current version of the site vicinity plan (GEO_MAP), were uploaded to the GeoTracker Database. A copy of each associated GeoTracker AB2886 Upload Confirmation Form is attached.

Findings

- Only shallow soil TPH-G concentrations ≤180 mg/kg in the direct vicinity of Soil Borings B3, B4, and B9 at approximately 9 fbg, slightly exceeded the associated CRWQCB Environmental Screening Level (ESL; 100 mg/kg). The BTEX, MTBE, and other fuel oxygenates measured in the soil samples were either insignificant or below respective laboratory reporting limits. TPH-D analyzed in selected soil borings was also below its reporting limit and does not appear to be a constituent of concern in soil at the site.

- Shallow unsaturated zone soil at approximately 5 fbg (B4 & B10) was described as a moderate to dark yellowish brown, sandy (silty) clay / clayey (silty) sand with trace gravel, with an average porosity and organic content of approximately 35% and 1.8% (trace amount), respectively. Saturated zone soil at approximately 15 fbg was described as a dark yellowish brown clayey sand (poorly graded) with gravel, with approximately 41% porosity (B10) and 2% organic content. Based on sample blow counts, the estimated soil density ranged between a loose to dense sand and stiff to hard clay.

- Moderate to strong hydrocarbon odor was detected in soil from borings B3, B6, B9, and B14 between approximately 5 and 13 fbg. Organic vapor hydrocarbon concentrations were non detect, as confirmed during soil sample screening procedures.

- Site groundwater, measured during the January/February 2006 monitoring sampling activities, ranged between approximately 7 and 12 fbg. Groundwater flow was directed southwest across the site, with a relatively steep gradient of 0.04 foot per foot.

- Elevated TPH-G and BTEX measured in all grab groundwater samples at the site exceeded applicable ESLs (Table 2A). The highest TPH-G and benzene was reported in B11, at 230,000 and 13,000 ug/l, respectively. Elevated concentrations of fuel oxygenates, specifically di-isopropyl ether and 1,2-dichloroethane, were measured in borings located on the southeast half of the subject property only, with highest concentrations reported in B3 and B4. MTBE, as well as TPH-D, were non detectable and do not appear to be constituents of concern at the site.

- Groundwater samples have not been collected from site monitor wells since October 2002. Monitor wellheads MW-1, MW-2, and STMW-5 were observed to be in poor condition (i.e., well covers not secured, loose well boxes, inappropriate or non-functioning well plugs, questionable well seals). MW-3 was not located during the additional site characterization field activities.

Conclusions

- The lateral and vertical extent of residual soil contamination reported in the direct vicinity of the former gasoline USTs and MW-1 (Table 1A), appears to have been adequately assessed. Only slightly elevated gasoline hydrocarbons, specifically TPH-G, remain in lower vadose zone soil adjacent to the northeast and southwest sides of the former UST cavity. However, in our opinion, such residual soil concentrations do not warrant further delineation. Also, based on the absence of volatile BTEX in soil collected during the UST removal, well installation and February 2006 site characterization, it appears that the residual gasoline is degraded and most likely resulting from an aged release.

- Shallow groundwater at the site has not been adequately assessed. Based on samples collected during historical quarterly well sampling and recent site characterization activities, gasoline contamination in groundwater extends throughout the entire property, with highest concentrations reported in wells and borings at the southeast half of the property, and directly northwest of the existing building structure in the general area of B14, immediately down-gradient of the former gasoline USTs.

- Although no offsite groundwater assessment was conducted during this investigation phase (except for B1), offsite migration of gasoline hydrocarbons in groundwater in the west, south, and southwest directions is evident. The lateral extent of this contamination has not been assessed.

- Based on the elevated gasoline hydrocarbon concentrations measured in shallow groundwater in the vicinity of B1, B3, MW-1, & STMW-4, which are located up-gradient of the former primary source area (gasoline UST cavity), it is possible that additional offsite source(s) may be contributing to the existing contamination. Also, residual groundwater contamination southeast and lateral gradient of the former tank cavity, in the vicinity of B6-B8 and MW-2 also suggests that migration from another offsite source is possible.

- As previously reported, according to City of Oakland agency maps, the maximum invert flow line depths of the sewer and water utility lines are $\leq$7.5 fbg. Based on the historical fluctuation of the groundwater depth reported at the site ranging between 7.6 (MW-1; 1/31/06) and 14.5 (STMW-5) fbg, it appears that each sanitary, storm water, and water utility main along the Coronado Avenue and Broadway Street frontages, is not located between the upper and lower vertical limits of the historical water table fluctuation and may not act as a pathway for on- or off-site migration of contaminant hydrocarbons. Invert gradient and flow for each utility are generally northwestward, along Coronado Avenue, and south southwestward along Broadway Street.

Recommended Additional Site Characterization Activities

Based on results of soil and grab groundwater sample analysis from B1 through B15, it appears that further delineation of the gasoline-impacted groundwater is warranted at this time, prior to implementing corrective action and groundwater remediation at the site. GGTR recommends that the following additional site characterization activities be implemented immediately to address the offsite groundwater contamination.

- Thirteen (13) additional hydropunch borings should be drilled in the vicinity of the site to further delineate the extent of gasoline-range hydrocarbons in groundwater. The majority of the hydropunch borings will be drilled in the general down- and lateral-gradient directions of the site, and the remaining borings will be situated generally up-gradient to further assess the potential for onsite migration from an offsite source. The locations of the additionally proposed borings are shown in Figure 4.

- Based on results of the additional hydropunch borings, additional groundwater monitoring wells should be installed in the vicinity of the site and monitored on a quarterly basis for at least one complete hydrologic year. Proposed locations will be approved by the ACHCSA. Monitor well installation, development, and sampling should be conducted in general accordance with our *September 2005 Work Plan for Additional Site Characterization.*

- A sensitive receptor survey should be conducted within a 2,000-foot radius of the site to assess whether any municipal, irrigation, and/or domestic water supply wells are present that may be affected by contaminants via groundwater migration. The sensitive receptor survey should identify all surface waters in the vicinity of the site.

- To maintain compliance with both ACHCSA and Underground Storage Tank Cleanup Fund, quarterly monitoring and sampling of the existing site monitor wells should be re-instituted immediately. After numerous unsuccessful attempts to locate MW-3 (non-metallic wellhead), GGTR recommends locating the well using ground penetrating radar or other approved technique. If again unsuccessful, GGTR recommends re-installing MW-3, as well as refurbishing boxes and seals on the damaged wells noted above.

Following this next phase of investigation, GGTR recommends preparing a Site Conceptual Model to evaluate all potential contaminant exposure pathways that exist within the vicinity of the delineated plume. GGTR will proceed with the additionally proposed site characterization activities upon written approval by the ACHCSA and authorization by our client.

Limitations and Certification

This report has been prepared in accordance with generally accepted environmental practices exercised by professional geologists, scientists, and engineers. No warranty, either expressed or implied, is made as to the professional advice presented herein. The findings conclusions, and recommendations contained in this report are based upon information contained in previous reports of corrective action activities performed at the subject property and based upon site conditions as they existed at the time of the investigation, and are subject to change.

The conclusions presented in this report are professional opinions based solely upon visual observations of the subject property and vicinity, and interpretation of available information as described in this report. The scope of services conducted in execution of this investigation may not be appropriate to satisfy the needs of other users and any use or reuse of this document and any of its information presented herein is at sole risk of said user.

Golden Gate Tank Removal, Inc.

Authored By:

Brent A. Wheeler
Project Engineer

Reviewed By:

Sami Malaeb, P.E.
Environmental Director

Report Distribution
All reports that are prepared during the continuing work on this project will be sent to:

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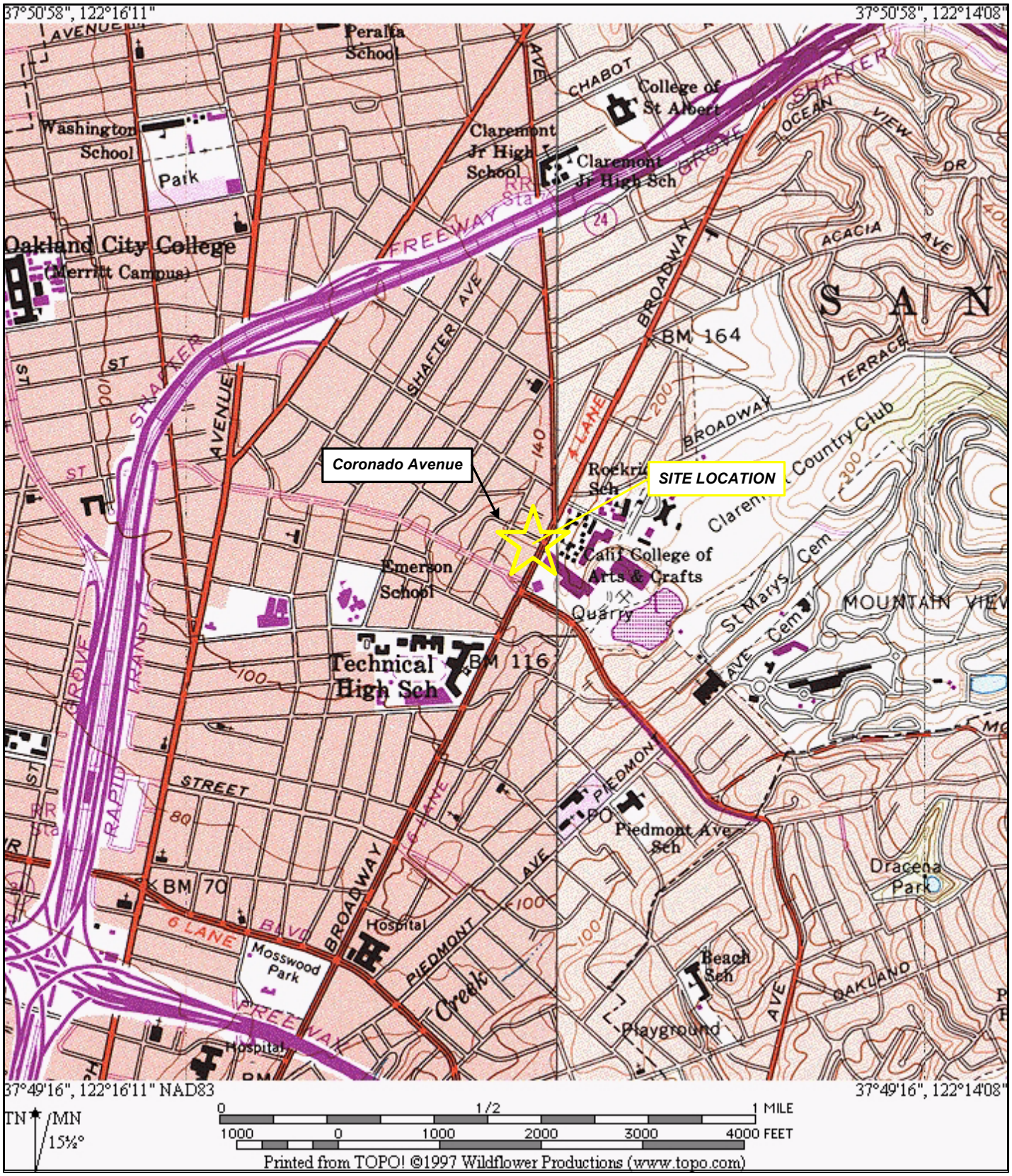

GOLDEN GATE TANK REMOVAL, INC.
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San Francisco, CA 94107
Ph (415) 512-1555 Fx (415) 512-0964

SITE LOCATION MAP
5175 Broadway Street
Oakland, California

GGTR Project No. 8679	Fn:8679.sc1.wp.F1	Figure By: baw/08.05	***Figure 1***

Notes: Revised site plan based on GGTR's August 18, 2005 and April 14, 2006 site reconnaissance; Monitor wells and soil borings shown are not to scale.

LEGEND

- MW-1 — Groundwater Monitor Well
- B1 — Soil Boring Location
- B11 — Hydropunch Location
- S-2-N — Approximate UST Removal Soil Sample Location
- Exisitng Building Structure
- Approximate Lateral Limit of Former UST Exacavation
- Subsurface Utility
- Manhole Cover
- PL — Subject Property Line

N E S W

Single Family Residential Property (5223 Coronado Avenue)

Single Family Residential Property (5227 Coronado Avenue)

Single Family Residential Property (5231 Coronado Avenue)

Alley Way

Parking Area

Driveway

Commercial Property (Wendy's Burgers)

Planter Area

Driveway

Centerline Median

Sidewalk

Sidewalk

Sidewalk

Grade Elev. 154.5

F.L. Elev. 150.0

Grade Elev. 161.1

F.L. Elev. 158.4 ?

F.L. Elev. 158.9

(12"-Dia. Storm Sewer Main w/ Invert Depth @ 2.5 fbg)

(8"-Dia. Sanitary Sewer Main w/ Invert Depth @ 6.5 fbg)

F.L. Elev. 148.0

(6"-Dia. Cast Iron Water Main w/ Invert Depth @ 8 fbg)

CORONADO AVENUE

(PG&E Gas) A-43

(PG&E Electrical) B1

PL (PG&E Electrical) B2

Groundwater Flow Direction

Driveway

Sidewalk

Asphalt

Approximate Location and Orientation of Former Gasoline USTs

B4 MW-1 STMW-4

Asphalt

Parking Area

Dirt/Gravel(unpaved)

B5

S-3-N 8,000-Gallon S-3-S

Approximate Location of Former Fuel Dispenser Island

B3

S-2-N 8,000-Gallon ? 8,000-Gallon S-4-S

Existing Fuel Dispenser Island

B15 Dirt/Gravel (unpaved) S-4-N S-P-2 S-P-1

S-P-3 ?

Multi-Family Residential Property (5220-5222 Coronado Avenue)

Gated Walkway

Multi-Family Residential Property (5230 Coronado Avenue)

Gated Walkway

PL

B14

Asphalt

Dirt/Gravel (unpaved)

B6 MW-2

Concrete

PL

?

B10 MW-3

B7

B9

B8

Former Exxon Service Station (5175 Broadway)

Location of MW-3 Only Approximate

B12

Asphalt

B11

STMW-5

Approximate Location of Former 500-Gallon Waste Oil UST (Orientation Unknown)

B13

PL

Rear Yard

Rear Yard

Rear Yard (Residence)

Commercial Property (Poppy Fabric - 5151 Broadway)

Roll-Up Door

Asphaltic Concrete

Driveway

Parking Area

Asphaltic Concrete

Commercial Property (Shields Harper & Co.)

Parking Area

Grade Elev. 156.9

(8"-Dia. Sanitary Sewer Main w/ Invert Depth @ 7.5 fbg)

F.L. Elev. 147.2

BROADWAY STREET

Centerline Median

Sidewalk

Scale in Feet (1" = 30')

0 15 30

GOLDEN GATE TANK REMOVAL, INC.
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SITE VICINITY PLAN
5175 Broadway Street
Oakland, California

GGTR Project No. 8679	Fn:8679.sc1.F2.Site Vicinity Plan	Figure By: baw/04.06	**Figure 2**

Notes: Revised site plan based on GGTR's August 18, 2005 and April 14, 2006 site reconnaissance; Groundwater gradient data based upon January 31, 2006 well monitoring data & exisitng wellhead elevation data (July 2002); Groundwater hydrocarbon concentrations based on February 2006 grab groundwater sampling events; Monitor wells and soil borings shown are not to scale.

LEGEND

- MW-1 — Existing Site Monitor Well
- B1 — Soil Boring Location
- B11 — Hydropunch Boring Location
- Subsurface Utility
- Manhole Cover

CORONADO AVENUE

BROADWAY STREET

Single Family Residential Property (5223 Coronado Avenue)

Single Family Residential Property (5227 Coronado Avenue)

Single Family Residential Property (5231 Coronado Avenue)

Sidewalk

Grade Elev. 154.5

Parking Area

Alley Way

Driveway

Commercial Property (Wendy's Burgers)

Planter Area

Sidewalk

Grade Elev. 161.1

Centerline Median

Sidewalk

F.L. Elev. 150.0

(8"-Dia. Sanitary Sewer Main w/ Invert Depth @ 6.5 fbg)

F.L. Elev. 148.0

? F.L. Elev. 158.4

F.L. Elev. 158.9

(12"-Dia. Storm Sewer Main w/ Invert Depth @ 2.5 fbg)

(6"-Dia. Cast Iron Water Main w/ Invert Depth @ 8 fbg)

B1-W (ug/l)
ND<84 TPH-D
710 TPH-G
0.52 Benzene
0.59 Toluene
ND<0.5 Ethylbenzene
0.66 xylenes
ND<1.0 MTBE

B5-W (ug/l)
10,000 TPH-G
150 Benzene
11 Toluene
210 Ethylbenzene
190 xylenes
ND<10 MTBE

B4-W (ug/l)
9,700 TPH-G
320 Benzene
13 Toluene
200 Ethylbenzene
180 xylenes
ND<20 MTBE
1,300 DIPE
12 1,2-DCA

A-43

B1

B2

B3-W (ug/l)
ND<280 TPH-D
23,000 TPH-G
3,300 Benzene
660 Toluene
170 Ethylbenzene
910 xylenes
ND<50 MTBE
380 DIPE

Driveway

Sidewalk

PL

(PG&E Electrical)

B4

MW-1

STMW-4

Asphalt

B5

Groundwater Flow Direction

B3

(PG&E Electrical)

(SBC)

Parking Area

Dirt/Gravel (unpaved)

8,000-Gallon

8,000-Gallon

8,000-Gallon

Approximate Location and Orientation of Former Gasoline USTs

Approximate Location of Former Fuel Dispenser Island

Existing Fuel Dispenser Island

B6-W (ug/l)
5,600 TPH-G
3.9 Benzene
3.1 Toluene
54 Ethylbenzene
61 xylenes
ND<5.0 MTBE

B15-W (ug/l)
ND<620 TPH-D
2,700 TPH-G
3.2 Benzene
2.7 Toluene
22 Ethylbenzene
4.3 xylenes
ND<5.0 MTBE

B15

B10-W (ug/l)
6,800 TPH-G
ND<5.0 Benzene
5.7 Toluene
170 Ethylbenzene
69 xylenes
ND<10 MTBE

Dirt/Gravel (unpaved)

B6

MW-2

Concrete

Sidewalk

Multi-Family Residential Property (5220-5222 Coronado Avenue)

Gated Walkway

Multi-Family Residential Property (5230 Coronado Avenue)

Gated Walkway

PL

B14

Asphalt

MW-3

B10

B7

B9

B8

Grade Elev. 156.9

B7-W (ug/l)
8,000 TPH-G
2,200 Benzene
300 Toluene
240 Ethylbenzene
830 xylenes
ND<20 MTBE
53 1,2-DCA

B14-W (ug/l)
38,000 TPH-G
410 Benzene
25 Toluene
290 Ethylbenzene
95 xylenes
ND<50 MTBE

Former Exxon Service Station (5175 Broadway)

Location of MW-3 Only Approximate

Asphalt

B8-W (ug/l)
18,000 TPH-G
330 Benzene
53 Toluene
1200 Ethylbenzene
830 xylenes
ND<20 MTBE
11 1,2-DCA

(8"-Dia. Sanitary Sewer Main w/ Invert Depth @ 7.5 fbg)

B12

B11

STMW-5

Approximate Location of Former 500-Gallon Waste Oil UST (Orientation Unknown)

F.L. Elev. 147.2

B13

PL

B13-W (ug/l)
ND<60 TPH-D
1,700 TPH-G
12 Benzene
9.4 Toluene
18 Ethylbenzene
22 xylenes
ND<5.0 MTBE

B12-W (ug/l)
460 TPH-G
1.6 Benzene
2.1 Toluene
1.6 Ethylbenzene
3.5 xylenes
ND<1.0 MTBE
0.62 1,2-DCA

B11-W (ug/l)
230,000 TPH-G
13,000 Benzene
19,000 Toluene
960 Ethylbenzene
20,000 xylenes
ND<200 MTBE
150 1,2-DCE

Rear Yard (Residence)

Commercial Property (Poppy Fabric - 5151 Broadway)

Roll-Up Door

Asphaltic Concrete

Driveway

Parking Area

Asphaltic Concrete

Commercial Property (Shields Harper & Co.)

Parking Area

Scale in Feet (1" = 30')

0 15 30

GOLDEN GATE TANK REMOVAL, INC.
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SITE VICINITY PLAN
Grab Groundwater Sample Concentrations, February 2006
5175 Broadway Street
Oakland, California

GGTR Project No. 8679	Fn:8679.sc1.F3.GW Concentrations	Figure By: baw/04.06	**Figure 3**

Notes: Revised site plan based on GGTR's August 18, 2005 and April 14, 2006 site reconnaissance; Groundwater gradient data based upon January 31, 2006 well monitoring data & existing wellhead elevation data (July 2002); Groundwater TPH-G/Benzene concentrations based on February 2006 grab groundwater sampling events; ; CRWQCB February 2005 ESLs for TPH-G and benzene = 100 ug/l and 1 ug/l, respectively; Monitor wells and soil borings shown are not to scale.

LEGEND

- Additionally Proposed Hydropunch Boring Location
- MW-1 — Existing Site Monitor Well
- B1 (710/0.52) — Soil Boring Showing Groundwater TPH-G/Benzene Concentration in ug/l (February 2006)
- B11 — Hydropunch Location
- 100 ug/l — Estimated Groundwater TPH-G (≥100 ug/l) Isoconcentration Line
- 1 ug/l — Estimated Groundwater Benzene (≥1 ug/l) Isoconcentration Line
- Subsurface Utility
- Manhole Cover

Single Family Residential Property (5223 Coronado Avenue)
Single Family Residential Property (5227 Coronado Avenue)
Single Family Residential Property (5231 Coronado Avenue)
Sidewalk
Grade Elev. 154.5
F.L. Elev. 150.0
(8"-Dia. Sanitary Sewer Main w/ Invert Depth @ 6.5 fbg)
F.L. Elev. 148.0

Parking Area
Alley Way
Driveway
Commercial Property (Wendy's Burgers)
Planter Area
Driveway
Centerline Median
Sidewalk
Sidewalk
Grade Elev. 161.1
? F.L. Elev. 158.4
F.L. Elev. 158.9
(12"-Dia. Storm Sewer Main w/ Invert Depth @ 2.5 fbg)
(6"-Dia. Cast Iron Water Main w/ Invert Depth @ 8 fbg)

N E S W

CORONADO AVENUE

B1 (710/0.52)
100
1
(PG&E Gas)
(PG&E Electrical)
(PG&E Electrical)
Driveway
Sidewalk
PL
B2 (No Sample)
10K
B4 (9,700/320)
MW-1
STMW-4
1,000
Asphalt
Asphalt
(10,000/150) B5
Groundwater Flow Direction
Parking Area
Dirt/Gravel (unpaved)
8,000-Gallon
Approximate Location and Orientation of Former Gasoline USTs
8,000-Gallon
8,000-Gallon
Approximate Location of Former Fuel Dispenser Island
B3 (23,000/3,300)
(SBC)
Existing Fuel Dispenser Island
Multi-Family Residential Property (5220-5222 Coronado Avenue)
Gated Walkway
Multi-Family Residential Property (5230 Coronado Avenue)
Gated Walkway
B15 (2,700/3.2)
Dirt/Gravel (unpaved)
B6 (5,600/3.9)
10K
100
1
Asphalt
Location of MW-3 Only Approximate
Concrete
MW-2
Sidewalk
PL
(38,000/410) B14
MW-3
PL
(6,800/ND<5.0) B10
B7 (8,000/2,200)
Former Exxon Service Station (5175 Broadway)
B9 (No Sample)
B8 (18,000/330)
100K
(8"-Dia. Sanitary Sewer Main w/ Invert Depth @ 7.5 fbg)
Asphalt
B11 (230,000/13,000)
100
10K
STMW-5
B12 (460/1.6)
Approximate Location of Former 500-Gallon Waste Oil UST (Orientation Unknown)
10K
1,000
100K
Asphalt
B13 (1,700/12)
PL
F.L. Elev. 147.2

BROADWAY STREET

Rear Yard (Residence)
Roll-Up Door
Commercial Property (Poppy Fabric - 5151 Broadway)
Centerline Median
Asphaltic Concrete
Driveway
Parking Area
Asphaltic Concrete
Commercial Property (Shields Harper & Co.)
Parking Area

Scale in Feet (1" = 30')
0 15 30

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GROUNDWATER TPH-G & BENZENE ISOCONCENTRATION MAP
Additionally Proposed Hydropunch Boring Locations
5175 Broadway Street
Oakland, California

GGTR Project No. 8679	Fn:8679.sc1.F4.GW Isoconc.	Figure By: baw/04.06	**Figure 4**

TABLE 1A

Results of Tank Removal, Over-Excavation & Well Installation Soil Sample Analysis

5175 Broadway Street, Oakland, CA

Sample ID	Sample Depth (fbg)	Sample Date	TPH-G (ppm)	TPH-D (ppm)	TOG (ppm)	HVOCs (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Total Xylenes (ppm)
S-1-W	7	1/10/1990	ND	ND	ND	ND	ND	ND	ND	ND
S-2-N	10		970	--	--	--	ND	ND	13	15
S-3-N	10		120	--	--	--	ND	ND	ND	ND
S-3-S	10		930	--	--	--	ND	ND	ND	14
S-4-N	10		12	--	--	--	ND	ND	ND	0.13
S-4-S	10		55	--	--	--	ND	ND	ND	0.8
L1-L4 (Water)	10.5		6.9	--	--	--	0.053	ND	ND	0.81
S-P-1	2-3	1/31/1990	ND	--	--	--	ND	ND	ND	ND
S-P-2	2-3		ND	--	--	--	ND	ND	ND	ND
S-P-3	2-3		34	--	--	--	ND	ND	ND	ND
MW-1	8-8.5	4/17/1990	190	--	--	--	0.24	0.21	0.92	0.6
	13.5-14		180	--	--	--	1.7	1.4	2.4	6.4
MW-2	3-4.5	4/24/1990	ND	--	--	--	0.0061	0.005	0.0057	0.026
	8-9		ND	--	--	--	0.006	0.005	0.0089	0.013
MW-3	4-5.5	4/17/1990	14	--	--	--	ND	ND	ND	0.1
	9-10.5		46	--	--	--	0.05	ND	0.4	0.2
	14-14.5		11	--	--	--	ND	ND	ND	0.1
STMW-4	5	6/21/1991	ND	--	--	--	ND	ND	ND	ND
	10		ND	--	--	--	ND	ND	ND	ND
STMW-5	5		ND	--	--	--	ND	ND	ND	ND
	10		ND	--	--	--	ND	ND	ND	ND
Laboratory Detection Limit			≤5	10	30	≤0.001	≤5.0	≤5.0	≤5.0	≤5.0
CRWQCB ESL – Shallow Soil			100	100	500	Varies	0.044	2.9	3.3	2.3
CRWQCB ESL – Deep Soil			100	100	1,000	Varies	0.044	2.9	3.3	2.3

NOTES:

TPH-G = total petroleum hydrocarbons (TPH) as gasoline (EPA Method 8015M)

TPH-D = TPH as diesel (EPA Method 3510); TOG = total oil & grease (SM 5030A)

HVOCs = halogenated volatile organic compounds (EPA Method 8010)

BTEX = benzene, toluene, ethylbenzene, total xylenes (EPA Method 8020)

fbg = feet below grade; mg/kg = milligrams per kilogram (parts per million); ND = concentration below associated laboratory reporting limit

-- = not analyzed for this constituent

CRWQCB/ESL = California Regional Water Quality Control Board's Interim Final – February 2005, Tier 1 Environmental Screening Level for shallow (<10 fbg) or deep (>10 fbg) soil at a residential land use permitted site with groundwater that **is** a potential source of drinking water

TABLE 1B

Boring Soil Sample Analysis - Additional Site Characterization, February 2006

5175 Broadway Street, Oakland, CA

Sample ID	Sample Depth (fbg)	Sample Date	TPH-G (ppm)	TPH-D (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Total Xylenes (ppm)	MTBE (ppm)	Fuel Oxygenates (ppm)
B1-6	6	2/1/2006	0.058	ND<100	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND≤0.200
B1-10	10		0.11	ND<100	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND≤0.200
B2-6	6		0.15	--	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND≤0.200
B2-9	9		ND<0.05	--	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND≤0.200
B3-5	5	2/6/2006	0.22	--	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND≤0.200
B3-9	9		160	--	0.65	ND<0.500	ND<0.500	ND<1.000	ND<0.500	ND≤20
B4-5	5		ND<0.05	--	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND≤0.200
B4-9	9		140	--	ND<0.500	ND<0.500	0.66	ND<1.000	ND<0.500	ND≤20
B5-5	5		ND<0.05	--	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND≤0.200
B5-9 [1]	9		13	ND<2.5	ND<0.25	ND<0.25	ND<0.25	ND<0.5	ND<0.25	ND≤10
B6-5	5		ND<0.05	--	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND≤0.200
B6-9	9		0.1	ND<2.5	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND≤0.200
B7-5	5		ND<0.05	--	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND≤0.200
B7-9	9		ND<0.05	ND<2.5	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND≤0.200
B8-5	5		0.053	--	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND≤0.200
B8-9	9		22	--	ND<0.25	ND<0.25	ND<0.25	ND<0.5	ND<0.25	ND≤10
B9-5	5		1.8	--	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND≤0.200
B9-9	9		180	ND<2.5	ND<0.500	ND<0.500	ND<0.500	ND<1.000	ND<0.500	ND≤20
B10-5	5		0.052	--	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND≤0.200
B10-9 [2]	9		0.28	--	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND≤0.200
CRWQCB ESL – Shallow Soil			100	100	0.044	2.9	3.3	2.3	0.023	Varies

NOTES:

TPH-G = total petroleum hydrocarbons (TPH) as gasoline (EPA Method 5035A/GCMS)

TPH-D = TPH as diesel (EPA Method 3510C/8015M)

BTEX = benzene, toluene, ethylbenzene, total xylenes (EPA Method 8260)

MTBE = Methyl Tertiary-Butyl Ether (EPA Method 8260)

Fuel Oxygenates by EPA Method 8260B

fbg = feet below grade; mg/kg = milligrams per kilogram (parts per million); ND = concentration below associated laboratory reporting limit

CRWQCB/ESL = California Regional Water Quality Control Board's Interim Final – February 2005, Tier 1 Environmental Screening Level for shallow soil (<10 fbg) at a residential land use permitted site with groundwater that **is** a potential source of drinking water

[1] Sample also analyzed for cadmium (ND<1.0), chromium (22), lead (14), nickel (36), and zinc (87)

[2] Sample also analyzed for cadmium (ND<1.0), chromium (40), lead (10), nickel (32), and zinc (24)

TABLE 2A

Historical Results of Groundwater Sample Analysis & Fluid-Level Data / MW-1

5175 Broadway Street, Oakland, CA

Well	Sample Date	TOC Elevation (Feet MSL)	DTW* (Feet TOC)	GW Elevation (Feet MSL)	Product/Odor/Sheen	TPH-G (ug/l)	TPH-D (ug/l)	Fuel Oxygenates (ug/l)	MTBE (ug/l)	B/T/E/X (ug/l)
MW-1	4/30/1989	97.71	--	--	No sheen or odor	200	--	--	--	18 / 5 / 2 / 12
	5/17/1990	97.71	9.26	88.45	--	--	--	--	--	-- / -- / -- / --
	9/26/1990	97.71	9.92	87.79	No sheen Mild petroleum odor	1300	--	--	--	55 / 31 / 120 / 100
	1/14/1991	97.71	9.54	88.17	No sheen Mild petroleum odor	3100	--	--	--	350 / 83 / 86 / 130
	7/3/1991	102.04	9.42	92.62	No sheen Light petroleum odor	580	--	--	--	32 / 41 / 40 / 55
	11/11/1991	102.04	9.45	92.59	No sheen Mild petroleum odor	330	--	--	--	20 / 2 / 2 / 11
	3/4/1992	101.83	7.93	93.9	No sheen Light petroleum odor	810	--	--	--	11 / 5 / 10 / 23
	6/2/1992	101.83	8.98	92.85	No sheen Mild sewage odor	2200	--	--	--	93 / 32 / 40 / 120
	9/28/1992	101.83	9.29	92.54	No sheen Mild sewage odor	2900	--	--	--	24 / 78 / 19 / 37
	1/11/1993	101.83	7.56	94.27	No sheen Light sewage odor	1700	--	--	--	5.7 / 6 / 11 / 28
	8/15/1994	101.83	9.19	92.64	No sheen Mild sewage odor	2000	--	--	--	120 / 3 / 6 / 16
Laboratory Reporting Limit						≤500	50	≤50	0.5 (1)	0.5 / 0.5 / 0.5 / 1.0
CRWQCB MSWQO (MCL)						NC	NC	Varies	5	1 / 150 / 700 / 1,750
CRWQCB February 2005 Tier 1 ESL						100	100	Varies	5	1.0/40/30/13

Table 2 Continued on Following Page

TABLE 2A (Cont'd)

Historical Results of Groundwater Sample Analysis & Fluid-Level Data / MW-1

5175 Broadway Street, Oakland, CA

Well	Sample Date	TOC Elevation (Feet MSL)	DTW* (Feet TOC)	GW Elevation (Feet MSL)	Product/Odor/Sheen	TPH-G (ug/l)	TPH-D (ug/l)	Fuel Oxygenates (ug/l)	MTBE (ug/l)	B/T/E/X (ug/l)
MW-1	11/7/1996	97.5	8.73	88.77	No sheen Light sewerage odor	1200	270	--	ND<0.5	3 / 1.1 / 1.5 / 3.8
	2/12/1997	97.5	7.92	89.58	No sheen Light sewerage odor	1800	ND<50	--	ND<0.5	13 / 5.7 / 4.8 / 17
	6/16/1997	97.5	9.04	88.46	No sheen/Very Light sewerage odor	330	ND<50	--	ND<0.5	2.7 / ND<0.5 / ND<0.5 / 1.2
	9/30/1997	97.5	7.56	89.94	No sheen or odor	ND<50	ND<50	--	ND<0.5	ND<0.5 / ND<0.5 / ND<0.5 / ND<0.5
	1/27/1998	97.5	7.96	89.54	No sheen or odor	ND<50	ND<50	--	ND<0.5	ND<0.5 / ND<0.5 / ND<0.5 / ND<0.5
	4/24/1998	97.5	7.98	89.52	Light rainbow sheen Light sewage odor	ND<50	ND<50	--	ND<0.5	ND<0.5 / ND<0.5 / ND<0.5 / ND<0.5
	8/17/1998	97.5	8.98	88.52	No sheen Light sewage odor	ND<50	ND<50	--	ND<0.5	ND<0.5 / ND<0.5 / ND<0.5 / ND<0.5
	11/16/1998	97.5	8.9	88.9	No sheen Light sewage odor	ND<50	ND<50	--	ND<0.5	ND<0.5 / ND<0.5 / ND<0.5 / ND<0.5
	2/16/1999	97.5	8.64	88.86	Light rainbow sheen Slight sewage	ND<50	ND<50	--	ND<0.5	ND<0.5 / ND<0.5 / ND<0.5 / ND<0.5
	5/17/1999	97.5	8.5	89	No sheen Strong sewage	280	--	120 (DIPE)	ND<0.5	1.1 / 0.6 / ND<0.5 / ND<0.5
	8/17/1999	97.5	9.24	88.26	Light sheen Sewage odor	790	86	ND	ND<5	5.6 / 4.3 / 4.5 / 11
Laboratory Reporting Limit						≤500	50	≤50	0.5 (1)	0.5 / 0.5 / 0.5 / 1.0
CRWQCB MSWQO (MCL)						NC	NC	Varies	5	1 / 150 / 700 / 1,750
CRWQCB February 2005 Tier 1 ESL						100	100	Varies	5	1.0/40/30/13

Table 2 Continued on Following Page

TABLE 2A (Cont'd)

Historical Results of Groundwater Sample Analysis & Fluid-Level Data / MW-1

5175 Broadway Street, Oakland, CA

Well	Sample Date	TOC Elevation (Feet MSL)	DTW* (Feet TOC)	GW Elevation (Feet MSL)	Product/Odor/Sheen	TPH-G (ug/l)	TPH-D (ug/l)	Fuel Oxygenates (ug/l)	MTBE (ug/l)	B/T/E/X (ug/l)
MW-1	11/17/1999	97.5	10.44	87.06	Light rainbow sheen Light sewage odor	1300	--	ND	ND<1	3.6 / 1.9 / 2.7 / 6.6
	2/17/2000	97.5	8.48	89.02	Light rainbow sheen Light sewage odor	580	--	ND	ND<5	1.1 / 2.3 / 3.6 / 4.9
	5/17/2000	97.5	8.24	89.26	Light rainbow sheen Light sewage odor	1500	--	130 (DIPE)	ND<5	130 / 6.8 / 6.1 / ND<5
	8/17/2000	97.5	8.77	88.73	Rainbow sheen Light sewage odor	550	--	ND	ND<25	160 / ND<25 / ND<25 / ND<25
	11/15/2000	97.5	9.04	88.46	Light rainbow sheen Light sewage odor	130	--	22 (DIPE)	ND<5	ND<5 / ND<5 / ND<5 / ND<5
	2/16/2001	97.5	7.6	89.9	No sheen Light sewage odor	400	--	110 (DIPE)	ND<5	26 / ND<5 / ND<5 / ND<5
	1/11/2002	97.5	8.08	89.42	No sheen Sewage odor	600	160A	110 (DIPE)	52 (7.9)	74 / 53 / 14 / 52
	7/1/2002	161.03 (resurveyed)	9.02	152.01	No sheen Sewage odor	670	280LY	ND	ND<5	25 / ND<5 / ND<5 / ND<5
	10/4/2002	161.03	9.74	151.29	Rainbow sheen Sewage odor	1800	520	60 (DIPE)	14	130 / 7.8 / 8.1 / 14
Laboratory Reporting Limit						≤500	50	≤50	0.5 (1)	0.5 / 0.5 / 0.5 / 1.0
CRWQCB MSWQO (MCL)						NC	NC	Varies	5	1 / 150 / 700 / 1,750
CRWQCB February 2005 Tier 1 ESL						100	100	Varies	5	1.0/40/30/13

Table 2 Continued on Following Page

TABLE 2A

Historical Results of Groundwater Sample Analysis & Fluid-Level Data / MW-2

5175 Broadway Street, Oakland, CA

Well	Sample Date	TOC Elevation (Feet MSL)	DTW* (Feet TOC)	GW Elevation (Feet MSL)	Product/Odor/Sheen	TPH-G (ug/l)	TPH-D (ug/l)	Fuel Oxygenates (ug/l)	MTBE (ug/l)	B/T/E/X (ug/l)
MW-2	4/30/1989	97.78	--	--	No sheen or odor	230	--	--	--	39 / 18 / 5 / 23
	5/17/1990	97.78	--	--	--	--	--	--	--	-- / -- / -- / --
	9/29/1990	97.78	10.83	86.95	No sheen Mild petroleum odor	850	--	--	--	940 / 5 / 25 / 47
	1/14/1991	97.78	10.63	87.15	No sheen or odor	3100	--	--	--	30 / 52 / 24 / 34
	7/3/1991	102.02 (resurveyed)	10.08	91.94	No sheen Light petroleum odor	1590	--	--	--	30 / 52 / 24 / 34
	11/11/1991	102.02	10.21	91.81	No sheen Mild petroleum odor	960	--	--	--	320 / 15 / 4 / 29
	3/4/1992	102.02	8.7	92.97	No sheen Light petroleum odor	1500	--	--	--	9.5 / 8.4 / 9.8 / 22
	6/2/1992	102.02	9.52	92.15	No sheen Mild sewage odor	2800	--	--	--	84 / 41 / 59 / 95
	9/28/1992	102.02	10.09	91.58	No sheen Mild sewage odor	1600	--	--	--	47 / 20 / 47 / 97
	1/11/1993	102.02	8.52	93.15	No sheen Light sewage odor	2500	--	--	--	8.6 / 10 / 17 / 32
	8/15/1994	97.49 (resurveyed)	9.91	91.76	No sheen Light petroleum odor	6000	--	--	--	450 / 60 / 100 / 95
Laboratory Reporting Limit						≤500	50	≤50	0.5 (1)	0.5 / 0.5 / 0.5 / 1.0
CRWQCB MSWQO (MCL)						NC	NC	Varies	5	1 / 150 / 700 / 1,750
CRWQCB						100	100	Varies	5	1.0/40/30/13

Table 2 Continued on Following Page

TABLE 2A (Cont'd)

Historical Results of Groundwater Sample Analysis & Fluid-Level Data / MW-2

5175 Broadway Street, Oakland, CA

Well	Sample Date	TOC Elevation (Feet MSL)	DTW* (Feet TOC)	GW Elevation (Feet MSL)	Product/Odor/Sheen	TPH-G (ug/l)	TPH-D (ug/l)	Fuel Oxygenates (ug/l)	MTBE (ug/l)	B/T/E/X (ug/l)
MW-2	11/7/1996	97.49	10.02	87.47	No sheen/Very Light sewage odor	4200	780	--	ND<0.5	25 / 4.9 / 8.1 / 14
	2/12/1997	97.49	8.91	88.58	No sheen/Very Light sewage odor	1800	5700	--	ND<0.5	16 / 3.1 / 3.4 / 8.8
	6/16/1997	97.49	9.75	87.74	No sheen/Very Light sewage odor	2500	ND<50	--	ND<0.5	22 / 5.1 / 7.8 / 11
	9/30/1997	97.49	7.89	89.51	No sheen or odor	ND<50	ND<50	--	ND<0.5	ND<0.5 / ND<0.5 / ND<0.5 / ND<0.5
	1/27/1998	97.49	8.38	89.11	No sheen or odor	ND<50	ND<50	--	ND<0.5	ND<0.5 / ND<0.5 / ND<0.5 / ND<0.5
	4/24/1998	97.49	8.68	88.81	No sheen Slight sewage odor	2100	1400	--	ND<0.5	18 / 6.5 / 4.8 / 21
	8/17/1998	97.49	9.74	87.75	No sheen or odor	2900	ND<50	--	ND<0.5	5.1 / 4.5 / 5.8 / 17
	11/16/1998	97.49	10.14	87.35	No sheen Light sewage odor	1400	ND<50	--	ND<0.5	2.1 / 1.9 / 2.3 / 4.8
	2/16/1999	97.49	8.92	88.57	No sheen Slight sewage odor	1600	ND<50	--	ND<2.5	82 / 16 / ND<2.5 / 40
	5/17/1999	97.49	9.26	88.23	No sheen Mild sewage odor	8200	--	ND	ND<250	43 / 73 / 140 / 100
	8/17/1999	97.49	10.04	87.45	No sheen sewage odor	2900	260	ND	ND<5	20 / 81 / 17 / 38
Laboratory Reporting Limit						≤500	50	≤50	0.5 (1)	0.5 / 0.5 / 0.5 / 1.0
CRWQCB MSWQO (MCL)						NC	NC	Varies	5	1 / 150 / 700 / 1,750
CRWQCB February 2005 Tier 1 ESL						100	100	Varies	5	1.0/40/30/13

Table 2 Continued on Following Page

TABLE 2A (Cont'd)

Historical Results of Groundwater Sample Analysis & Fluid-Level Data / MW-2

5175 Broadway Street, Oakland, CA

Well	Sample Date	TOC Elevation (Feet MSL)	DTW* (Feet TOC)	GW Elevation (Feet MSL)	Product/Odor/Sheen	TPH-G (ug/l)	TPH-D (ug/l)	Fuel Oxygenates (ug/l)	MTBE (ug/l)	B/T/E/X (ug/l)
MW-2	11/17/1999	97.49	11.52	85.97	Light rainbow sheen Light sewage odor	2600	ND<50	ND	ND<1	7 / 3.7 / 5.3 / 12.9
	2/17/2000	97.49	9.5	87.99	Light rainbow sheen Light sewage odor	1700	--	ND	ND<5	3.2 / 6.8 / 11 / 12.3
	5/17/2000	97.49	8.84	88.65	No sheen Light sewage odor	3800	--	ND	ND<25	450 / 65 / 110 / 80
	8/17/2000	97.49	8.5	88.99	No sheen or odor	4300	--	ND	ND<50	440 / ND<50 / 78 / ND<50
	11/15/2000	97.49	9.94	87.55	No sheen Light sewage odor	5800	--	ND	ND<25	320 / 41 / 78 / 64
	2/16/2001	97.49	8.52	88.97	No sheen or odor	2200	--	ND	ND<5	110 / 20 / 38 / 33
	1/11/2002	97.49	8.82	88.67	No sheen or odor	3100	620A	ND	ND<50	280 / 86 / 84 / 110
	7/1/2002	160.98 (resurveyed)	9.64	151.34	No sheen or odor	2600	940LY	ND	ND<10	300 / 29 / 45 / 27
	10/4/2002	160.98	10.52	150.46	No sheen sewage odor	4000	390	ND	ND<25	440 / 66 / 140 / 120
Laboratory Reporting Limit						≤500	50	≤50	0.5 (1)	0.5 / 0.5 / 0.5 / 1.0
CRWQCB MSWQO (MCL)						NC	NC	Varies	5	1 / 150 / 700 / 1,750
CRWQCB February 2005 Tier 1 ESL						100	100	Varies	5	1.0/40/30/13

Table 2 Continued on Following Page

TABLE 2A

Historical Results of Groundwater Sample Analysis & Fluid-Level Data / M

5175 Broadway Street, Oakland, CA

Well	Sample Date	TOC Elevation (Feet MSL)	DTW* (Feet TOC)	GW Elevation (Feet MSL)	Product/Odor/Sheen	TPH-G (ug/l)	TPH-D (ug/l)	Fuel Oxygenates (ug/l)	MTBE (ug/l)
MW-3	4/30/1990	98.14	--	--	No sheen Mild petroleum odor	56000	--	--	--
	5/17/1990	98.14	12.42	85.72	--	--	--	--	--
	9/26/1990	98.14	13.5	84.64	No sheen Mild petroleum odor	54000	--	--	--
	1/14/1991	98.14	12.58	85.56	Light sheen Strong petroleum odor	35000	--	--	--
	7/3/1991	102.46 (resurveyed)	12.08	90.38	Rainbow sheen Strong petroleum odor	33000	--	--	--
	11/11/1991	102.46	12.29	90.17	Very light rainbow sheen/Mild petroleum odor	57000	--	--	--
	3/4/1992	102.18 (resurveyed)	10.26	91.92	Brown sheen Strong petroleum odor	57000	--	--	--
	6/2/1992	97.94 (resurveyed)	11.4	90.78	Rainbow sheen Mild petroleum odor	50000	--	--	--
	9/28/1992	97.94	12.64	89.54	Rainbow sheen spots Strong petroleum odor	64000	--	--	--
	1/11/1993	97.94	10.1	92.08	Rainbow sheen Mild petroleum odor	68000	--	--	--
	8/15/1994	97.94	12.2	89.98	Brown sheen spots Mild petroleum odor	50000	--	--	--
Laboratory Reporting Limit						≤500	≤250	≤50	0.5 (1)
CRWQCB MSWQO (MCL)						NC	NC	Varies	5
CRWQCB February 2005 Tier 1 ESL						100	100	Varies	5

Table 2A Continued on Following Page

TABLE 2A (Cont'd)

Historical Results of Groundwater Sample Analysis & Fluid-Level Data / MW-3

5175 Broadway Street, Oakland, CA

Well	Sample Date	TOC Elevation (Feet MSL)	DTW* (Feet TOC)	GW Elevation (Feet MSL)	Product/Odor/Sheen	TPH-G (ug/l)	TPH-D (ug/l)	Fuel Oxygenates (ug/l)	MTBE (ug/l)
MW-3	11/7/1996	97.49	12.4	85.54	Very thin layer of brown sheen/ Light petroleum odor	68000	470	--	ND<0.5
	2/12/1997	97.49	10.23	87.71	Brown sheen spots Light petroleum odor	25000	3500	--	ND<0.5
	6/16/1997	97.49	11.79	86.15	Light brown sheen spots/Very light petroleum odor	9700	ND<50	--	ND<0.5
	9/30/1997	97.49	9.4	88.54	No sheen or odor	6000	1600	--	ND<0.5
	1/27/1998	97.49	9.8	88.14	No sheen or odor	380	560	--	ND<0.5
	4/24/1998	97.49	9.9	88.04	Rainbow sheen Light sewerage odor	ND<50	680	--	ND<0.5
	8/17/1998	97.49	11.46	86.48	No sheen or odor	16000	ND<50	--	ND<0.5
	11/16/1998	97.49	12.4	85.54	Rainbow sheen Strong sewerage odor	68000	ND<50	--	ND<0.5
	2/16/1999	97.49	10.72	87.2	Rainbow sheen Strong sewerage odor	33000	ND<50	--	170
	5/17/1999	97.49	10.54	87.4	Rainbow sheen Strong petroleum odor	72000	--	ND	ND<250
	8/17/1999	97.49	11.92	86.02	Rainbow sheen Strong petroleum odor	20000	1800	ND	ND<5
Laboratory Reporting Limit						≤500	≤250	≤50	0.5 (1)
CRWQCB MSWQO (MCL)						NC	NC	Varies	5
CRWQCB February 2005 Tier 1 ESL						100	100	Varies	5

Table 2A Continued on Following Page

TABLE 2A (Cont'd)

Historical Results of Groundwater Sample Analysis & Fluid-Level Data / MW-3

5175 Broadway Street, Oakland, CA

Well	Sample Date	TOC Elevation (Feet MSL)	DTW* (Feet TOC)	GW Elevation (Feet MSL)	Product/Odor/Sheen	TPH-G (ug/l)	TPH-D (ug/l)	Fuel Oxygenates (ug/l)	MTBE (ug/l)
MW-3	11/17/1999	97.49	13.6	84.34	Rainbow sheen Strong petroleum odor	1700	--	ND	ND<1
	2/17/2000	97.49	10.68	87.26	Rainbow sheen Strong petroleum odor	8800	--	ND	ND<5
	5/17/2000	97.49	10.25	87.69	Rainbow sheen Strong petroleum odor	22000	--	ND	ND<5
	8/17/2000	97.49	11.84	86.1	Rainbow sheen Strong petroleum odor	15000	--	ND	ND<50
	11/15/2000	97.49	11.82	86.12	Rainbow sheen Strong petroleum odor	12000	--	ND	ND<25
	2/16/2001	97.49	9.68	88.26	Rainbow sheen Strong petroleum odor	7400	--	ND	ND<5
	1/11/2002	97.49	9.58	88.36	Rainbow sheen Petroleum odor	9300	1900B	ND	ND<25
	7/1/2002	161.43 (resurveyed)	11.14	150.29	Rainbow sheen Sewerage odor	13000	5200LY	ND	ND<13
	10/4/2002	161.43	12.82	148.61	Rainbow sheen Petroleum odor	11000	4900	ND	ND<25
Laboratory Reporting Limit						≤500	≤250	≤50	0.5 (1)
CRWQCB MSWQO (MCL)						NC	NC	Varies	5
CRWQCB February 2005 Tier 1 ESL						100	100	Varies	5

Table 2 Continued on Following Page

MW-3

B/T/E/X (ug/l)
3600 / 8600 / 1300 / 7200
-- / -- / -- / --
5100 / 420 / 1600 / 8000
2600 / 6600 / 1500 / 5700
4120 / 4300 / 1400 / 4800
3900 / 8400 / 2100 / 14000
720 / 870 / 81 / 3100
240 / 240 / 220 / 740
110 / 93 / 97 / 250
210 / 280 / 360 / 990
870 / 1200 / 1300 / 3000
0.5 / 0.5 / 0.5 / 1.0
1 / 150 / 700 / 1,750
1.0/40/30/13

B/T/E/X (ug/l)
33 / 27 / 63 / 120
39 / 43 / 15 / 91
26 / 29 / 45 / 81
43 / 36 / 12 / 11
5.7 / 4.1 / 1.7 / 9.1
ND<0.5 / ND<0.5 / ND<0.5 / ND<0.5
200 / 18 / 31 / 82
86 / 54 / 69 / 130
270 / 110 / ND<5 / 770
280 / 230 / 320 / 890
51 / 41 / 61 / 130
0.5 / 0.5 / 0.5 / 1.0
1 / 150 / 700 / 1,750
1.0/40/30/13

B/T/E/X (ug/l)
39 / 22 / 31 / 84
16 / 39 / 74 / 90
300 / 260 / 410 / 940
230 / 140 / 470 / 750
250 / 210 / 390 / 700
40 / 72 / 100 / 250
230 / 200 / 290 / 580
230 / 220 / 450 / 890
280 / 170 / 450 / 730
0.5 / 0.5 / 0.5 / 1.0
1 / 150 / 700 / 1,750
1.0/40/30/13

TABLE 2A

Historical Results of Groundwater Sample Analysis & Fluid-Level Data / STMW-4

5175 Broadway Street, Oakland, CA

Well	Sample Date	TOC Elevation (Feet MSL)	DTW* (Feet TOC)	GW Elevation (Feet MSL)	Product/Odor/Sheen	TPH-G (ug/l)	TPH-D (ug/l)	Fuel Oxygenates (ug/l)	MTBE (ug/l)	B/T/E/X (ug/l)
STMW-4	7/3/1991	103.581	11	92.58	Light rainbow sheen Mild petroleum odor	3100	--	--	--	610 / 62 / 39 / 150
	11/11/1991	103.58	11.08	92.5	Light rainbow sheen Strong petroleum odor	3600	--	--	--	990 / 15 / 2.6 / 180
	3/4/1992	101.08 (resurveyed)	9.44	91.64	Rainbow sheen spots Mild petroleum odor	5000	--	--	--	35 / 20 / 22 / 71
	6/2/1992	98.8 (resurveyed)	10.32	92.76	No sheen Light petroleum odor	13000	--	--	--	140 / 45 / 63 / 210
	9/28/1992	98.8	10.76	92.32	Brown sheen spots Mild petroleum odor	40000	--	--	--	35 / 20 / 48 / 110
	1/11/1993	98.8	9.28	93.8	Brown sheen spots Mild petroleum odor	24000	--	--	--	26 / 88 / 92 / 280
	8/15/1994	98.8	10.54	92.54	Light rainbow sheen spots/Light petroleum odor	9000	--	--	--	500 / 34 / 46 / 130
	11/7/1996	98.8	10.37	88.43	Rainbow sheen spots Very light petroleum odor	13000	180	--	ND<0.5	40 / 2.9 / 7.8 / 19
	2/12/1997	98.8	9.36	89.44	Rainbow sheen spots Very light petroleum odor	5300	5700	--	ND<0.5	95 / 5.3 / 5.9 / 18
	6/16/1997	98.8	10.4	88.4	No sheen/Very light sewerage odor	5300	ND<50	--	ND<0.5	37 / 6.2 / 1.7 / 11
	9/30/1997	98.8	8.5	90.3	No sheen or odor	2700	ND<50	--	ND<0.5	42 / 7.7 / 5.7 / 26
Laboratory Reporting Limit						≤1,250	≤250	≤50	0.5 (1)	0.5 / 0.5 / 0.5 / 1.0
CRWQCB MSWQO (MCL)						NC	NC	Varies	5	1 / 150 / 700 / 1,750
CRWQCB February 2005 Tier 1 ESL						100	100	Varies	5	1.0/40/30/13

Table 2 Continued on Following Page

TABLE 2A (Cont'd)

Historical Results of Groundwater Sample Analysis & Fluid-Level Data / STMW-4

5175 Broadway Street, Oakland, CA

Well	Sample Date	TOC Elevation (Feet MSL)	DTW* (Feet TOC)	GW Elevation (Feet MSL)	Product/Odor/Sheen	TPH-G (ug/l)	TPH-D (ug/l)	Fuel Oxygenates (ug/l)	MTBE (ug/l)	B/T/E/X (ug/l)
STMW-4	1/27/1998	98.8	8.9	89.9	No sheen or odor	3000	300	--	ND<0.5	60 / 17 / 12 / 49
	4/24/1998	98.8	9.5	89.3	Rainbow sheen Strong sewerage odor	ND<50	ND<50	--	ND<0.5	ND<0.5 / ND<0.5 / ND<0.5 / ND<0.5
	8/17/1998	98.8	10.36	88.44	Rainbow sheen Light petroleum odor	29000	ND<50	--	ND<0.5	36 / 24 / 59 / 160
	11/16/1998	98.8	10.56	88.24	Rainbow sheen Strong petroleum odor	13000	ND<50	--	--	26 / 21 / 20 / 41
	2/16/1999	98.8	9.64	89.16	Rainbow sheen Strong petroleum odor	32000	ND<50	--	ND<100	660 / 16 / 16 / 150
	5/17/1999	98.8	9.96	88.84	Rainbow sheen Strong petroleum odor	13000	--	ND	ND<250	1600 / 30 / 45 / 78
	8/17/1999	98.8	10.64	88.16	Rainbow sheen Light petroleum odor	12000	990	ND	ND<5	260 / 22 / 33 / 72
	11/17/1999	98.8	12.02	86.78	Rainbow sheen Light petroleum odor	7900	--	ND	ND<1	21 / 12 / 17 / 40
	2/17/2000	98.8	9.32	98.48	Rainbow sheen Light petroleum odor	4900	--	ND	ND<5	8.9 / 21 / 38 / 50
	5/17/2000	98.8	9.65	89.15	Rainbow sheen Strong petroleum odor	9600	--	ND	ND<50	840 / ND<50 / 60 / ND<50
	8/17/2000	98.8	10.34	88.46	Rainbow sheen Strong petroleum odor	5100	--	ND	ND<50	680 / ND<50 / 62 / ND<50
Laboratory Reporting Limit						≤1,250	≤250	≤50	0.5 (1)	0.5 / 0.5 / 0.5 / 1.0
CRWQCB MSWQO (MCL)						NC	NC	Varies	5	1 / 150 / 700 / 1,750
CRWQCB February 2005 Tier 1 ESL						100	100	Varies	5	1.0/40/30/13

Table 2 Continued on Following Page

TABLE 2A (Cont'd)

Historical Results of Groundwater Sample Analysis & Fluid-Level Data / STMW-4

5175 Broadway Street, Oakland, CA

Well	Sample Date	TOC Elevation (Feet MSL)	DTW* (Feet TOC)	GW Elevation (Feet MSL)	Product/Odor/Sheen	TPH-G (ug/l)	TPH-D (ug/l)	Fuel Oxygenates (ug/l)	MTBE (ug/l)	B/T/E/X (ug/l)
STMW-4	11/15/2000	98.8	10.52	88.28	Rainbow sheen Strong petroleum odor	3900	--	34 (DIPE)	ND<25	640 / ND<25 / 26 / 27
	2/16/2001	98.8	9.2	89.6	Rainbow sheen Light petroleum odor	5700	--	26 (DIPE)	ND<25	560 / ND<25 / ND<25 / ND<25
	1/11/2002	98.8	9.58	89.22	No sheen or odor	4900	930	ND	ND<250	560 / 59 / 25 / ND<25
	7/1/2002	162.31 (resurveyed)	10.28	152.03	Rainbow sheen Sewerage odor	6700	6700	ND	ND<13	470 / 18 / 32 / 45
	10/4/2002	162.31	11.08	151.23	Rainbow sheen Petroleum odor	13000	2900	35 (DIPE)	ND<25	590 / 26 / 65 / 110
Laboratory Reporting Limit						≤1,250	≤250	≤50	0.5 (1)	0.5 / 0.5 / 0.5 / 1.0
CRWQCB MSWQO (MCL)						NC	NC	Varies	5	1 / 150 / 700 / 1,750
CRWQCB February 2005 Tier 1 ESL						100	100	Varies	5	1.0/40/30/13

Table 2 Continued on Following Page

TABLE 2A (Cont'd)

Historical Results of Groundwater Sample Analysis & Fluid-Level Data / STMW-5

5175 Broadway Street, Oakland, CA

Well	Sample Date	TOC Elevation (Feet MSL)	DTW* (Feet TOC)	GW Elevation (Feet MSL)	Product/Odor/Sheen	TPH-G (ug/l)	TPH-D (ug/l)	Fuel Oxygenates (ug/l)	MTBE (ug/l)	B/T/E/X (ug/l)
STMW-5	7/3/1991	101.99	13.29	88.07	No sheen or odor	690	--	--	--	99 / 81 / 19 / 98
	11/11/1991	101.99	14	87.99	No sheen/Very light petroleum odor	410	--	--	--	61 / 2.4 / 1.4 / 20
	3/4/1992	101.36 (resurveyed)	11.8	89.56	No sheen/Very light petroleum odor	460	--	--	--	13 / 6.5 / 11 / 18
	6/2/1992	101.36	13.06	88.3	No sheen Mild petroleum odor	1800	--	--	--	27 / 20 / 21 / 43
	9/28/1992	101.36	14.04	87.32	No sheen Mild sewerage odor	1500	--	--	--	14 / 6.1 / 18 / 22
	1/11/1993	101.36	11.61	89.75	No sheen Light sewerage odor	800	--	--	--	1.8 / 3 / 3.1 / 9.4
	8/15/1994	101.36	13.85	87.51	No sheen Mild sewerage	3000	--	--	--	320 / 62 / 34 / 220
	11/7/1996	97.14 (resurveyed)	13.67	83.47	Rainbow sheen spots Very light petroleum odor	1200	330	--	ND<0.5	11 / 1.7 / 4.4 / 13
	2/17/1997	97.14	12.07	82.07	Rainbow sheen spots Very light petroleum odor	1000	3700	--	ND<0.5	11 / 17 / 1.7 / 9.7
	6/19/1997	97.14	13.33	83.81	No sheen /Very light sewerage odor	950	2300	--	ND<0.5	7.4 / 1 / 1 / 7.2
	9/30/1997	97.14	11.24	85.9	No sheen Light sewerage odor	710	1100	--	ND<0.5	5.8 / 4 / 1 / 1
Laboratory Reporting Limit						≤250	50	≤50	0.5 (1)	0.5 / 0.5 / 0.5 / 1.0
CRWQCB MSWQO (MCL)						NC	NC	Varies	5	1 / 150 / 700 / 1,750
CRWQCB February 2005 Tier 1 ESL						100	100	Varies	5	1.0/40/30/13

Table 2 Continued on Following Page

TABLE 2A (Cont'd)

Historical Results of Groundwater Sample Analysis & Fluid-Level Data / STMW-5

5175 Broadway Street, Oakland, CA

Well	Sample Date	TOC Elevation (Feet MSL)	DTW* (Feet TOC)	GW Elevation (Feet MSL)	Product/Odor/Sheen	TPH-G (ug/l)	TPH-D (ug/l)	Fuel Oxygenates (ug/l)	MTBE (ug/l)	B/T/E/X (ug/l)
STMW-5	1/27/1998	97.14	11.64	85.5	No sheen Light sewerage odor	340	1100	--	ND<0.5	2 / 1.8 / 1.6 / 8.2
	4/24/1998	97.14	11.84	85.3	Rainbow sheen Strong petroleum odor	3300	ND<50	--	ND<0.5	12 / 9.4 / 8.5 / 37
	8/17/1998	97.14	13.2	83.94	Rainbow sheen Light sewerage odor	5300	ND<50	--	ND<0.5	26 / 17 / 14 / 39
	11/16/1998	97.14	13.74	83.4	Rainbow sheen Strong sewerage odor	ND<50	ND<50	--	ND<0.5	ND<0.5 / ND<0.5 / ND<0.5 / ND<0.5
	2/16/1999	97.14	12.22	84.92	Rainbow sheen Strong sewerage odor	950	ND<50	--	11	150 / 3.8 / 1.4 / 14
	5/17/1999	97.14	12.58	84.56	Rainbow sheen Mild petroleum odor	2800	--	ND	30	67 / 9.4 / ND<2.5 / 16
	8/17/1999	97.14	13.48	83.66	Rainbow sheen Light petroleum odor	2800	230	ND	ND<5	18 / 17 / 18 / 36
	11/17/1999	97.14	14.88	82.26	Rainbow sheen Light petroleum odor	1600	--	ND	ND<1	3.9 / 2.3 / 3.2 / 7.5
	2/17/2000	97.14	12.56	84.58	Rainbow sheen Light petroleum odor	770	--	ND	ND<5	1.5 / 3.2 / 5.8 / 7
	5/17/2000	97.14	12.08	85.06	Rainbow sheen Strong petroleum odor	4500	--	ND	ND<25	ND<25 / ND<25 / ND<25 / ND<25
	8/17/2000	97.14	13.56	83.58	Rainbow sheen Strong petroleum odor	2900	--	ND	ND<10	170 / 64 / 100 / 250
Laboratory Reporting Limit						≤250	50	≤50	0.5 (1)	0.5 / 0.5 / 0.5 / 1.0
CRWQCB MSWQO (MCL)						NC	NC	Varies	5	1 / 150 / 700 / 1,750
CRWQCB February 2005 Tier 1 ESL						100	100	Varies	5	1.0/40/30/13

Table 2 Continued on Following Page

TABLE 2A (Cont'd)

Historical Results of Groundwater Sample Analysis & Fluid-Level Data / STMW-5

5175 Broadway Street, Oakland, CA

Well	Sample Date	TOC Elevation (Feet MSL)	DTW* (Feet TOC)	GW Elevation (Feet MSL)	Product/Odor/Sheen	TPH-G (ug/l)	TPH-D (ug/l)	Fuel Oxygenates (ug/l)	MTBE (ug/l)	B/T/E/X (ug/l)
STMW-5	11/15/2000	97.14	13.28	83.86	Rainbow sheen Strong petroleum odor	2100	--	ND	ND<5	120 / 24 / 40 / 54
	2/16/2001	97.14	11.6	85.54	Rainbow sheen Light petroleum odor	850	--	ND	ND<5	58 / 9.8 / 9.4 / 18
	1/11/2002	97.14	11.72	85.42	Rainbow sheen Sewerage odor	920	ND<50	ND	13	76 / 16 / 16 / 28
	7/1/2002	160.65 (resurveyed)	13.14	147.51	Rainbow sheen Sewerage odor	4300	1500LY	ND	ND<5	71 / 14 / 14 / 36
	10/4/2002	160.65	14.52	146.13	Rainbow sheen Petroleum odor	1400	60	ND	ND<5	71 / 17 / 26 / 35
Laboratory Reporting Limit						≤250	50	≤50	0.5 (1)	0.5 / 0.5 / 0.5 / 1.0
CRWQCB MSWQO (MCL)						NC	NC	Varies	5	1 / 150 / 700 / 1,750
CRWQCB February 2005 Tier 1 ESL						100	100	Varies	5	1.0/40/30/13

NOTES: TOC - top of well casing (north side)

DTW - depth to water relative to TOC

ug/L - micrograms per liter (parts per billion)

TPH-G - Total Petroleum Hydrocarbons as Gasoline (SW8020F)

TPH-D – TPH as Diesel (EPA Method 8015M)

Fuel Oxy – Fuel Oxygenates by EPA Method 8260B

MTBE - Methyl Tertiary Butyl Ether (EPA Method 8260)

BTEX - Benzene / Toluene / Ethylbenzene / Total Xylenes (SW8020F)

MSL - Mean Sea Level

ND - not detected above laboratory reporting limit

NC - no criteria established

-- - not analyzed for this constituent

fbg - feet below grade surface

L - Lighter hydrocarbons contributed to quantitation; Y - Sample exibits non-standard fuel pattern

CRWQCB MSWQO (Primary MCL) = California Regional Water Quality Control Board, Municipal Supply Water Quality Objective; Primary Maximum Contaminant Level

CRWQCB/ESL = CRWQCB's February 2005 Tier 1Environmental (Risk-Based) Screening Level; Levels shown are for Groundwater, which IS considered a threatened drinking water resource (residential land use)

TABLE 2B

Grab Groundwater Sample Analysis - Additional Site Characterization, February 2006

5175 Broadway Street, Oakland, CA

Sample ID	Sample Date	Depth to Water* (fbg)	TPH-G (ug/l)	TPH-D (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Total Xylenes (ug/l)	MTBE (ug/l)	Fuel Oxygenates (ug/l)
B1-W	2/1/2006	9.5	710	ND<84	0.52	0.59	ND<0.50	0.66	ND<1.0	ND≤100
B3-W	2/8/2006	*9.63*	23,000	ND<280	3,300	660	170	910	ND<50	380 (DIPE)
B4-W	2/8/2006	*8.24*	9,700	--	320	13	200	180	ND<20	1,300 (DIPE), 12 (EDC)
B5-W	2/8/2006	*6.96*	10,000	--	150	11	210	190	ND<10	ND≤1,000
B6-W	2/6/2006	12.1	5,600	--	3.9	3.1	54	61	ND<5.0	ND≤500
B7-W	2/8/2006	*11.72*	8,000	--	2,200	300	240	830	ND<20	53 (EDC)
B8-W	2/8/2006	*9.97*	18,000	--	330	53	440	1,200	ND<20	11 (EDC)
B10-W	2/6/2006	13.3	6,800	--	ND<5.0	5.7	170	69	ND<10	ND≤1,000
B11-W	2/10/2006	14.3	230,000	--	13,000	19,000	960	20,000	ND<200	150 (EDC)
B12-W	2/3/2006	7.92	460	--	1.6	2.1	1.6	3.5	ND<1.0	0.62 (EDC)
B13-W	2/3/2006	11.67	1,700	ND<60	12	9.4	18	22	ND<5.0	ND≤500
B14-W	2/6/2006	13.1	38,000	--	410	25	290	95	ND<50	ND≤5,000
B15-W	2/1/2006	8.75	2,700	ND<620	3.2	2.7	22	4.3	ND<5.0	ND≤500
CRWQCB ESL			100	100	1	40	30	20	5	NC (DIPE) 0.5 (EDC)

NOTES:

TPH-G = total petroleum hydrocarbons (TPH) as gasoline (EPA Method 5030C/GCMS)

TPH-D = TPH as diesel (EPA Method 3510C/8015M)

BTEX = benzene, toluene, ethylbenzene, total xylenes (EPA Method 5030C/8260B)

MTBE = Methyl Tertiary-Butyl Ether (EPA Method 5030C/8260B)

Fuel Oxygenates by EPA Method 5030C/8260B (DIPE - diisopropyl ether, EDC - 1,2-dichloroethane)

ND = concentration below associated laboratory reporting limit; NC = no criteria established

fbg = feet below grade; ug/l = micrograms per liter (parts per billion); ND = concentration below associated laboratory reporting limit

* static groundwater levels shown in italics

CRWQCB/ESL = California Regional Water Quality Control Board's Interim Final – February 2005, Tier 1 Environmental Screening Level (Final) for groundwater that **is** a potential source of drinking water (residential land use permitted site)

ATTACHMENTS

Geologic Boring Logs
Analytical Reports
Particle Size Distribution Test Reports
Moisture Density Porosity Test Report
Organic Content Test Report
Waste Manifests
GeoTracker Upload Confirmation Forms

GEOLOGIC BORING LOG

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
0	Hand Auger				Asphalt	Concrete (0'-0.5')
1				SM	Moist, loose, dark yellowish brown (10YR 4/2) silty **SAND** with gravel	
5				CL	Moist, light brown (10YR 5/6) to moderate yellowish brown (10YR 5/4) **CLAY**	
	B1-6		0	SM	Dry, loose, moderate yellowish brown (10YR 5/4) **SAND** with gravel	Portland Type I-II Cement (0.5'-17')
9.5 ▽ 10	B1-10		0	CL	Moist to wet, moderate yellowish brown (10YR 5/4) and mottled olive gray (5Y 4/1)**CLAY** with gravel (slight hydrocarbon odor)	
15	No Samples			SM	Wet, loose, moderate yellowish brown (10YR 5/4) **SAND** with gravel	
20					Total Boring Depth @ 17 fbg	2.0"
25						

Fn:8679.sc1.B1

BORING NUMBER: B1

LOCATION: Former Exxon Station
5175 Broadway
Oakland, CA
PROJECT NO: 8679
DRILLING CONTRACTOR: Gregg Drilling, Inc.
DRILLING METHOD: Direct Push
DRILLING DATE: January 31, 2006

LEGEND/NOTES:
fbg = feet below grade
ppm = parts per million
NR = no recovery

9.5▽ = Approximate depth to non-static groundwater (fbg)

☒ = Sample Interval

▬ = Retained Sample

Logged By: G. Wolf **Reviewed By: B. Wheeler**

Golden Gate Tank Removal, Inc.

GEOLOGIC BORING LOG

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
0	Hand Auger				Asphalt (4")	Concrete (0'-0.5')
1				SM	Moist, moderate to dark yellowish brown (10YR 5/4, 4/2)silty **SAND** with gravel	
5				GM	@ 4.5 fbg, wet silty gravel; strong hydrocarbon odor (flowing water)	
	B2-6		0	SM	Wet, moderate yellowish brown (10YR 5/4) gravelly **SAND**	Portland Type I-II Cement (0.5'-9')
	B2-9		0		Refusal @ 9 fbg (utility corridor)	
10					Total Boring Depth @ 9 fbg	2.0"
15						
20						
25						

Fn:8679.sc1.B2

BORING NUMBER: B2

LOCATION: Former Exxon Station
5175 Broadway
Oakland, CA
PROJECT NO: 8679
DRILLING CONTRACTOR: Gregg Drilling, Inc.
DRILLING METHOD: Direct Push
DRILLING DATE: February 1, 2006

LEGEND/NOTES:
fbg = feet below grade
ppm = parts per million
NR = no recovery

▽ = Approximate depth to non-static groundwater (fbg)

☒ = Sample Interval

▬ = Retained Sample

Logged By: G. Wolf **Reviewed By: B. Wheeler**

Golden Gate Tank Removal, Inc.

GEOLOGIC BORING LOG

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
0	Hand Auger				Asphalt (4")	Concrete (0'-0.5')
1				SM	Moist, loose, dark yellowish brown (10YR 4/2) silty **SAND** / sandy **SILT** with gravel	
5	B3-5	50/6	0	CL	Moist, hard, dark yellowish brown (10YR 4/2) **CLAY**	Portland Type I-II Cement (0.5'-15')
				Not Logged		
9.63▼	B3-9	50/6	0	CL	Same; wet, with foliated rock fragments (≥50%)	
10				Not Logged		
15	B3-14	50/6	0	CL	Same	
					Total Boring Depth @ 15 fbg	8"
20						
25						

Fn:8679.sc1.B3

BORING NUMBER: B3

LOCATION: Former Exxon Station
5175 Broadway
Oakland, CA
PROJECT NO: 8679
DRILLING CONTRACTOR: Gregg Drilling, Inc.
DRILLING METHOD: Rotary Hollow Stem Auger
DRILLING DATE: February 6, 2006

LEGEND/NOTES:
fbg = feet below grade
ppm = parts per million
NR = no recovery

9.63▼ = Approximate depth to static groundwater (fbg), measured on February 8, 2006
☒ = Sample Interval
▭ = Retained Sample

Logged By: G. Wolf **Reviewed By: B. Wheeler**

Golden Gate Tank Removal, Inc.

GEOLOGIC BORING LOG

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
0					Asphalt (2")	Concrete (0'-0.5')
1	Hand Auger			SM	Dry, loose, silty, gravelly sand (baserock/fill)	
					Moist, loose, moderate yellowish brown (10YR 5/4) silty **SAND** ; grades to clay @ 3 fbg	
5	B4-5	2,4,8	0	CL	Moist, stiff, dark yellowish brown (10YR 4/2) **CLAY**	Portland Type I-II Cement (0.5'-15')
				Not Logged		
8.24 ▼						
	B4-9	27, 50/6	0	CL	Wet, hard, moderate yellowish brown (10YR 5/4) and greenish gray (5GY 6/1), **CLAY** with foliated rock fragments	
10				Not Logged		
15	B4-15	54/3"	0	CL	Same	
					Total Boring Depth @ 15 fbg	8"
20						
25						

Fn:8679.sc1.B4

BORING NUMBER: B4

LOCATION: Former Exxon Station
5175 Broadway
Oakland, CA
PROJECT NO: 8679
DRILLING CONTRACTOR: Gregg Drilling, Inc.
DRILLING METHOD: Rotary Hollow Stem Auger
DRILLING DATE: February 6, 2006

LEGEND/NOTES:
fbg = feet below grade
ppm = parts per million
NR = no recovery

8.24▼ = Approximate depth to static groundwater (fbg), measured on February 8, 2006
☒ = Sample Interval
▬ = Retained Sample

Logged By: G. Wolf **Reviewed By: B. Wheeler**

Golden Gate Tank Removal, Inc.

GEOLOGIC BORING LOG

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
0					Asphalt (2")	Concrete (0'-0.5')
1	Hand Auger			SM	Dry, loose, silty, gravelly sand (baserock/fill)	
					Moist, dark yellowish brown (10YR 4/2) silty **SAND**	
5	B5-5	3,4,5	0		Moist, loose, dark yellowish brown (10YR 4/2), fine- to medium-grained **SAND** and brick fragments	
6.96 ▼				Not Logged		Portland Type I-II Cement (0.5'-15')
	B5-9	50/6	0	SM	Moist, dense, dark yellowish brown (10YR 4/2), fine- to medium-grained **SAND; grades to** decomposed rock fragments	
10				Not Logged		
15	NR	54/2"	0		Rock in Shoe	
					Total Boring Depth @ 15 fbg	8"
20						
25						

Fn:8679.sc1.B5

BORING NUMBER: B5

LOCATION: Former Exxon Station
5175 Broadway
Oakland, CA
PROJECT NO: 8679
DRILLING CONTRACTOR: Gregg Drilling, Inc.
DRILLING METHOD: Rotary Hollow Stem Auger
DRILLING DATE: February 6, 2006

LEGEND/NOTES:
fbg = feet below grade
ppm = parts per million
NR = no recovery

6.96 ▼ = Approximate depth to static groundwater (fbg), measured on February 8, 2006

☒ = Sample Interval

▭ = Retained Sample

Logged By: G. Wolf **Reviewed By: B. Wheeler**

Golden Gate Tank Removal, Inc.

GEOLOGIC BORING LOG

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
0				SM	Dry sandy, gravel (UST Excavation backfill)	Concrete (0'-0.5')
1	Hand Auger			SM	Moist to wet, dark yellowish brown (10YR 4/2) loose, silty, gravelly sand (baserock/fill)	
5	B6-5	1,2,5	0	CL	Moist, firm, dark yellowish brown (10YR 4/2) silty **CLAY**	Portland Type I-II Cement (0.5'-15')
				Not Logged		
	B6-9	8,12,27	0	CL	Wet, hard, dark yellowish brown (10YR 4/2) gravelly **CLAY** (≤40% gravel); slight hydrocarbon odor	
10						
12.1 ▽				Not Logged		
15	NR	15,3,4	0		Total Boring Depth @ 15 fbg	8"
20						
25						

Fn:8679.sc1.B6

BORING NUMBER: B6

LOCATION: Former Exxon Station
5175 Broadway
Oakland, CA
PROJECT NO: 8679
DRILLING CONTRACTOR: Gregg Drilling, Inc.
DRILLING METHOD: Rotary Hollow Stem Auger
DRILLING DATE: February 6, 2006

LEGEND/NOTES:
fbg = feet below grade
ppm = parts per million
NR = no recovery

12.1▽ = Approximate depth to non-static groundwater (fbg)

☒ = Sample Interval

▭ = Retained Sample

Logged By: G. Wolf **Reviewed By: B. Wheeler**

Golden Gate Tank Removal, Inc.

GEOLOGIC BORING LOG

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
0	Hand Auger				Asphalt (2")	Concrete (0'-0.5')
1				SM	Dry, loose, silty, gravelly sand (baserock/fill)	
5	B7-5	10,12,18	0	ML	Moist, medium dense, moderate yellowish brown (10YR 5/4) gravelly, sandy **SILT**	Portland Type I-II Cement (0.5'-15')
				Not Logged		
	B7-9	50/4	0	ML	Moist, hard, moderate yellowish brown (10YR 5/4) gravelly, sandy **SILT** (≤20% gravel)	
10						
11.7▼				Not Logged		
15	B7-15	50/4	0	SM	Wet, hard, dark yellowish brown (10YR 4/2) **SANDSTONE/SHALE** (Decomposed Bedrock)	
					Total Boring Depth @ 15 fbg	8"
20						
25						

Fn:8679.sc1.B7

BORING NUMBER: B7

LOCATION: Former Exxon Station
5175 Broadway
Oakland, CA
PROJECT NO: 8679
DRILLING CONTRACTOR: Gregg Drilling, Inc.
DRILLING METHOD: Rotary Hollow Stem Auger
DRILLING DATE: February 6, 2006

LEGEND/NOTES:
fbg = feet below grade
ppm = parts per million
NR = no recovery

11.7▼ = Approximate depth to static groundwater (fbg), measured on February 8, 2006
☒ = Sample Interval
▭ = Retained Sample

Logged By: G. Wolf **Reviewed By: B. Wheeler**

Golden Gate Tank Removal, Inc.

GEOLOGIC BORING LOG

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
0	Hand Auger				Asphalt (2")	Concrete (0'-0.5')
					Dry, loose, silty, gravelly sand (baserock/fill)	
1				SM	Moist, medium dense, dark yellowish brown (10YR 4/2), silty **SAND** with gravel (≤30%)	
5	B8-5	2,4,18	0	CL	Moist, medium dense, dark yellowish orange (10YR 6/6) **CLAY**; grades to olive gray (5Y 3/2)	Portland Type I-II Cement (0.5'-15')
				Not Logged		
	B8-9	50/4	0	SM	Moist, dense, moderate dark yellowish brown (10YR 4/2), silty **SAND**	
9.97 ▼ 10				Not Logged		
15	NR	50/1			Wet, hard, decomposed bedrock (rock in shoe)	
					Total Boring Depth @ 15 fbg	8"
20						
25						

Fn:8679.sc1.B8

BORING NUMBER: B8

LOCATION: Former Exxon Station
5175 Broadway
Oakland, CA
PROJECT NO: 8679
DRILLING CONTRACTOR: Gregg Drilling, Inc.
DRILLING METHOD: Rotary Hollow Stem Auger
DRILLING DATE: February 6, 2006

LEGEND/NOTES:
fbg = feet below grade
ppm = parts per million
NR = no recovery

9.97▼ = Approximate depth to static groundwater (fbg), measured on February 8, 2006
☒ = Sample Interval
▭ = Retained Sample

Logged By: G. Wolf **Reviewed By: B. Wheeler**

Golden Gate Tank Removal, Inc.

GEOLOGIC BORING LOG

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
0	Hand Auger				Asphalt (2")	Concrete (0'-0.5')
					Dry, loose, silty, gravelly sand (baserock/fill)	
1				SM	Moist, dark yellowish brown (10YR 4/2), silty **SAND** and gravel	
5	B9-5	50/6	0		Moist, dense, dusky yellowish brown (10YR 2/ 2), silty **SAND** with gravel	Portland Type I-II Cement (0.5'-15')
				Not Logged		
	B9-9	10,12,16	0	CL	Moist, very stiff, olive gray (5Y 4/1) **CLAY**; strong hydrocarbon odor	
10				Not Logged		
15	NR	50/6		SM	Wet, hard, decomposed bedrock	
					Total Boring Depth @ 15 fbg	8"
20						
25						

Fn:8679.sc1.B9

BORING NUMBER: B9

LOCATION: Former Exxon Station
5175 Broadway
Oakland, CA
PROJECT NO: 8679
DRILLING CONTRACTOR: Gregg Drilling, Inc.
DRILLING METHOD: Rotary Hollow Stem Auger
DRILLING DATE: February 6, 2006

LEGEND/NOTES:
fbg = feet below grade
ppm = parts per million
NR = no recovery

☒ = Sample Interval

▭ = Retained Sample

Logged By: G. Wolf **Reviewed By: B. Wheeler**

Golden Gate Tank Removal, Inc.

GEOLOGIC BORING LOG

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
0	Hand Auger				Topsoil/Gravel Fill	
1					Moist, loose, silty, gravelly sand (baserock/fill)	
				SM	Moist, dark yellowish brown (10YR 4/2), silty **SAND** and gravel	
5	B10-5	4,6,8	0		Moist, loose, dark yellowish brown (10YR 2/2), clayey, silty **SAND** with gravel	Portland Type I-II Cement (0'-15')
				Not Logged		
	B10-9	8,16,21	0	SM	Same	
10				Not Logged		
13.3▽						
15	B10-15	3,50/3		SM	Moist, dense, dark yellowish brown (10YR 2/2), clayey **SAND** (poorly graded)	
					Total Boring Depth @ 15 fbg	8"
20						
25						

Fn:8679.sc1.B10

BORING NUMBER: B10

LOCATION: Former Exxon Station
5175 Broadway
Oakland, CA
PROJECT NO: 8679
DRILLING CONTRACTOR: Gregg Drilling, Inc.
DRILLING METHOD: Rotary Hollow Stem Auger
DRILLING DATE: February 6, 2006

LEGEND/NOTES:
fbg = feet below grade
ppm = parts per million
NR = no recovery

13.3▽ = Approximate depth to non-static groundwater (fbg)

☒ = Sample Interval

▭ = Retained Sample

Logged By: G. Wolf **Reviewed By: B. Wheeler**

Golden Gate Tank Removal, Inc.

GEOLOGIC BORING LOG

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1	Hand Auger				Asphalt (2")	Concrete (0'-0.5')
				SM	Moist, loose, moderate yellowish brown (10YR 5/4) silty **SAND** and gravel	
5						Portland Type I-II Cement (0.5'-17')
10				Not Logged		
15						
					Total Boring Depth @ 17 fbg	2.0"
20						
25						

Fn:8679.sc1.B11

BORING NUMBER: B11

LOCATION: Former Exxon Station
5175 Broadway
Oakland, CA
PROJECT NO: 8679
DRILLING CONTRACTOR: Gregg Drilling, Inc.
DRILLING METHOD: Direct Push (Hydropunch)
DRILLING DATE: February 6, 2006

LEGEND/NOTES:
fbg = feet below grade
ppm = parts per million
NR = no recovery

☒ = Sample Interval

▬ = Retained Sample

Logged By: G. Wolf **Reviewed By: B. Wheeler**

Golden Gate Tank Removal, Inc.

GEOLOGIC BORING LOG

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1	Hand Auger				Asphalt (2")	Concrete (0'-0.5')
				SM	Moist, loose, moderate to dark yellowish brown (10YR 5/4, 4/2) silty **SAND** and gravel (≤40%); grades to dark yellowish orange (10YR 6/6) at 3.5 fbg	
5						Portland Type I-II Cement (0.5'-13.5')
				Not Logged		
10					Obstruction @ 13.5 fbg (concrete/rock)	
					Total Boring Depth @ 13.5 fbg	2.0"
15						
20						
25						

Fn:8679.sc1.B12

Page 1 of 1

BORING NUMBER: B12

LOCATION: Former Exxon Station
5175 Broadway
Oakland, CA
PROJECT NO: 8679
DRILLING CONTRACTOR: Gregg Drilling, Inc.
DRILLING METHOD: Direct Push (Hydropunch)
DRILLING DATE: February 1, 2006

LEGEND/NOTES:
fbg = feet below grade
ppm = parts per million
NR = no recovery

☒ = Sample Interval

▬ = Retained Sample

Logged By: G. Wolf **Reviewed By: B. Wheeler**

Golden Gate Tank Removal, Inc.

GEOLOGIC BORING LOG

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
0	Hand Auger				Asphalt	Concrete (0'-0.5')
1				SM	Moist, dark yellowish brown (10YR 4/2) silty **SAND** with gravel	
5				CL	Moist, moderate to dark yellowish brown (10YR 5/4, 4/2) mottled **CLAY**	Portland Type I-II Cement (0.5'-17')
10	NR			Not Logged	Obstruction @ 10 fbg (possible continuation of former foundation at 5230 Coronado Avenue)	
11.7 ▽	NR					
15	NR					
17					Total Boring Depth @ 17 fbg	2.0"
20						
25						

Fn:8679.sc1.B13

BORING NUMBER: B13

LOCATION: Former Exxon Station
5175 Broadway
Oakland, CA
PROJECT NO: 8679
DRILLING CONTRACTOR: Gregg Drilling, Inc.
DRILLING METHOD: Direct Push
DRILLING DATE: February 1, 2006

LEGEND/NOTES:
fbg = feet below grade
ppm = parts per million
NR = no recovery

11.7▽ = Approximate depth to non-static groundwater (fbg) measured on February 3, 2006
☒ = Sample Interval
▬ = Retained Sample

Logged By: G. Wolf **Reviewed By:** B. Wheeler

Golden Gate Tank Removal, Inc.

GEOLOGIC BORING LOG

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
0					Asphalt (2")	Concrete (0'-0.5')
1	Hand Auger			SM	Dry, loose, silty, gravelly sand (baserock/fill)	
				CL	Moist, dusky brown (5YR 2/2) and olive grey (5Y 4/1) sandy **CLAY** and gravel (>20%); slight hydrocarbon odor	
5						Portland Type I-II Cement (0.5'-15')
				Not Logged		
10						
13.1 ▽						
15					Total Boring Depth @ 15 fbg	2.0"
20						
25						

Fn:8679.sc1.B14

BORING NUMBER: B14

LOCATION: Former Exxon Station
5175 Broadway
Oakland, CA
PROJECT NO: 8679
DRILLING CONTRACTOR: Gregg Drilling, Inc.
DRILLING METHOD: Direct Push (Hydropunch)
DRILLING DATE: February 6, 2006

LEGEND/NOTES:
fbg = feet below grade
ppm = parts per million
NR = no recovery

13.1▽ = Approximate depth to non-static groundwater (fbg)

☒ = Sample Interval

▭ = Retained Sample

Logged By: G. Wolf **Reviewed By: B. Wheeler**

Golden Gate Tank Removal, Inc.

GEOLOGIC BORING LOG

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1	Hand Auger				Asphalt (2")	Concrete (0'-0.5')
				SM	Dry, loose, silty, gravelly sand (baserock/fill)	
				CL	Moist, moderate to dark yellowish brown (10YR 5/4, 4/2) **CLAY**	
5						Portland Type I-II Cement (0.5'-15')
8.75▽						
10				Not Logged		
15					Total Boring Depth @ 15 fbg	2.0"
20						
25						

Fn:8679.sc1.B15

BORING NUMBER: B15

LOCATION: Former Exxon Station
5175 Broadway
Oakland, CA
PROJECT NO: 8679
DRILLING CONTRACTOR: Gregg Drilling, Inc.
DRILLING METHOD: Direct Push (Hydropunch)
DRILLING DATE: February 6, 2006

LEGEND/NOTES:
fbg = feet below grade
ppm = parts per million
NR = no recovery

8.75▽ = Approximate depth to non-static groundwater (fbg)

☒ = Sample Interval

▭ = Retained Sample

Logged By: G. Wolf **Reviewed By:** B. Wheeler

Golden Gate Tank Removal, Inc.

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San Francisco, CA 94107

Lab Certificate Number: 47716
Issued: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA

Global ID: T0600100882

Certificate of Analysis - Final Report

On February 03, 2006, samples were received under chain of custody for analysis.
Entech analyzes samples "as received" unless otherwise noted. The following results are included:

Matrix	Test	Comments
Liquid	EPA 8260B - GC/MS	
	TPH as Gasoline by GC/MS	
	TPH-Extractable	
Solid	EPA 8260B - GC/MS	
	TPH as Gasoline by GC/MS	
	TPH-Extractable	

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346).
If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,

Laurie Glantz-Murphy
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Golden Gate Tank Removal
255 Shipley Street
San Francisco, CA 94107
Attn: Brent Wheeler

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Certificate of Analysis - Data Report

Samples Received: 02/03/2006
Sample Collected by: client

Lab # : 47716-001 **Sample ID: B1-6** **Matrix:** Solid **Sample Date:** 2/1/2006 10:15 AM

EPA 3545 EPA 8015 MOD. (Extractable) **TPH-Extractable**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		40	100	mg/Kg	2/6/2006	SD060206A	2/8/2006	SD060206A

5 mg/Kg Hydrocarbon (C8-C24). No Diesel pattern present.

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	62.1	41 - 137

Analyzed by: JHsiang
Reviewed by: ECunniffe

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Ethanol	ND		1.0	200	µg/Kg	N/A	N/A	2/6/2006	SM3060206

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	75.4	60 - 130
Dibromofluoromethane	85.2	60 - 130
Toluene-d8	74.3	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	58		1.0	50	µg/Kg	N/A	N/A	2/6/2006	SM3060206

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	71.0	60 - 130
Dibromofluoromethane	91.8	60 - 130
Toluene-d8	71.7	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
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GlobalID: T0600100882

Certificate of Analysis - Data Report

Samples Received: 02/03/2006
Sample Collected by: client

Lab # : 47716-002 **Sample ID: B1-10** **Matrix:** Solid **Sample Date:** 2/1/2006 10:30 AM

EPA 3545 EPA 8015 MOD. (Extractable) **TPH-Extractable**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		40	100	mg/Kg	2/6/2006	SD060206A	2/8/2006	SD060206A

5 mg/Kg Hydrocarbon (C8-C24). No Diesel pattern present.

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	63.1	41 - 137

Analyzed by: JHsiang
Reviewed by: ECunniffe

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Ethanol	ND		1.0	200	µg/Kg	N/A	N/A	2/6/2006	SM3060206

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	81.2	60 - 130
Dibromofluoromethane	81.2	60 - 130
Toluene-d8	78.3	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	110		1.0	50	µg/Kg	N/A	N/A	2/6/2006	SM3060206

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	73.0	60 - 130
Dibromofluoromethane	86.7	60 - 130
Toluene-d8	72.3	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

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Samples Received: 02/03/2006
Sample Collected by: client

Lab # : 47716-003 **Sample ID: B2-6** **Matrix:** Solid **Sample Date:** 2/1/2006 1:45 PM

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Ethanol	ND		1.0	200	µg/Kg	N/A	N/A	2/6/2006	SM3060206

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	73.2	60 - 130
Dibromofluoromethane	78.7	60 - 130
Toluene-d8	76.3	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	150		1.0	50	µg/Kg	N/A	N/A	2/6/2006	SM3060206

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	69.4	60 - 130
Dibromofluoromethane	83.6	60 - 130
Toluene-d8	74.0	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

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GlobalID: T0600100882

Certificate of Analysis - Data Report

Samples Received: 02/03/2006
Sample Collected by: client

Lab # : 47716-004 **Sample ID: B2-9** **Matrix:** Solid **Sample Date:** 2/1/2006 1:45 PM

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	2/6/2006	SM3060206
Ethanol	ND		1.0	200	µg/Kg	N/A	N/A	2/6/2006	SM3060206

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	74.2	60 - 130
Dibromofluoromethane	76.9	60 - 130
Toluene-d8	78.0	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	50	µg/Kg	N/A	N/A	2/6/2006	SM3060206

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	68.2	60 - 130
Dibromofluoromethane	82.8	60 - 130
Toluene-d8	73.5	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

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Qual = Data Qualifier

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Attn: Brent Wheeler

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Certificate of Analysis - Data Report

Samples Received: 02/03/2006
Sample Collected by: client

Lab # : 47716-005 **Sample ID: B1-W** **Matrix:** Liquid **Sample Date:** 2/1/2006 11:15 AM

EPA 3510C EPA 8015 MOD. (Extractable) **TPH-Extractable**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.7	84	µg/L	2/6/2006	WD060206	2/8/2006	WD060206B

350 ppb higher boiling gasoline compounds (C8-C16). No Diesel pattern present .

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	97.2	22 - 133

Analyzed by: JHsiang
Reviewed by: dba

*** Increased detection limit due to limited sample volume.

EPA 5030C EPA 8260B for Groundwater and Water EPA 624 for Wastewater **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	0.52		1.0	0.50	µg/L	N/A	N/A	2/6/2006	WM2060206
Toluene	0.59		1.0	0.50	µg/L	N/A	N/A	2/6/2006	WM2060206
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	2/6/2006	WM2060206
Xylenes, Total	0.66		1.0	0.50	µg/L	N/A	N/A	2/6/2006	WM2060206
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	2/6/2006	WM2060206
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	2/6/2006	WM2060206
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	2/6/2006	WM2060206
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	2/6/2006	WM2060206
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	2/6/2006	WM2060206
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	2/6/2006	WM2060206
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	2/6/2006	WM2060206
Ethanol	ND		1.0	100	µg/L	N/A	N/A	2/6/2006	WM2060206

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	89.5	60 - 130
Dibromofluoromethane	86.0	60 - 130
Toluene-d8	91.6	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

EPA 5030C GC-MS **TPH as Gasoline - GC-MS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	710		1.0	25	µg/L	N/A	N/A	2/6/2006	WM2060206

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	89.3	60 - 130
Dibromofluoromethane	82.3	60 - 130
Toluene-d8	91.7	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

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GlobalID: T0600100882

Certificate of Analysis - Data Report

Samples Received: 02/03/2006
Sample Collected by: client

Lab # : 47716-006 **Sample ID: B12-W** **Matrix:** Liquid **Sample Date:** 2/3/2006 10:20 AM

EPA 5030C EPA 8260B for Groundwater and Water EPA 624 for Wastewater **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	1.6		1.0	0.50	µg/L	N/A	N/A	2/6/2006	WM2060206
Toluene	2.1		1.0	0.50	µg/L	N/A	N/A	2/6/2006	WM2060206
Ethyl Benzene	1.6		1.0	0.50	µg/L	N/A	N/A	2/6/2006	WM2060206
Xylenes, Total	3.5		1.0	0.50	µg/L	N/A	N/A	2/6/2006	WM2060206
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	2/6/2006	WM2060206
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	2/6/2006	WM2060206
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	2/6/2006	WM2060206
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	2/6/2006	WM2060206
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	2/6/2006	WM2060206
1,2-Dichloroethane	0.62		1.0	0.50	µg/L	N/A	N/A	2/6/2006	WM2060206
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	2/6/2006	WM2060206
Ethanol	ND		1.0	100	µg/L	N/A	N/A	2/6/2006	WM2060206

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	88.5	60 - 130
Dibromofluoromethane	87.3	60 - 130
Toluene-d8	94.4	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

EPA 5030C GC-MS **TPH as Gasoline - GC-MS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	460		1.0	25	µg/L	N/A	N/A	2/6/2006	WM2060206

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	87.3	60 - 130
Dibromofluoromethane	83.5	60 - 130
Toluene-d8	94.5	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

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Certificate of Analysis - Data Report

Samples Received: 02/03/2006
Sample Collected by: client

Lab # : 47716-007 **Sample ID: B13-W** **Matrix:** Liquid **Sample Date:** 2/3/2006 11:10 AM

EPA 3510C EPA 8015 MOD. (Extractable) **TPH-Extractable**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.2	60	µg/L	2/6/2006	WD060206	2/8/2006	WD060206B

600 ppb higher boiling gasoline compounds (C8-C16). No Diesel pattern present .

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	91.1	22 - 133

Analyzed by: JHsiang
Reviewed by: dba

*** Increased detection limit due to limited sample volume.

EPA 5030C EPA 8260B for Groundwater and Water EPA 624 for Wastewater **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	12		5.0	2.5	µg/L	N/A	N/A	2/7/2006	WM2060207
Toluene	9.4		5.0	2.5	µg/L	N/A	N/A	2/7/2006	WM2060207
Ethyl Benzene	18		5.0	2.5	µg/L	N/A	N/A	2/7/2006	WM2060207
Xylenes, Total	22		5.0	2.5	µg/L	N/A	N/A	2/7/2006	WM2060207
Methyl-t-butyl Ether	ND		5.0	5.0	µg/L	N/A	N/A	2/7/2006	WM2060207
tert-Butyl Ethyl Ether	ND		5.0	25	µg/L	N/A	N/A	2/7/2006	WM2060207
tert-Butanol (TBA)	ND		5.0	50	µg/L	N/A	N/A	2/7/2006	WM2060207
Diisopropyl Ether	ND		5.0	25	µg/L	N/A	N/A	2/7/2006	WM2060207
tert-Amyl Methyl Ether	ND		5.0	25	µg/L	N/A	N/A	2/7/2006	WM2060207
1,2-Dichloroethane	ND		5.0	2.5	µg/L	N/A	N/A	2/7/2006	WM2060207
1,2-Dibromoethane (EDB)	ND		5.0	2.5	µg/L	N/A	N/A	2/7/2006	WM2060207
Ethanol	ND		5.0	500	µg/L	N/A	N/A	2/7/2006	WM2060207

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	87.8	60 - 130
Dibromofluoromethane	84.6	60 - 130
Toluene-d8	93.5	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

EPA 5030C GC-MS **TPH as Gasoline - GC-MS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	1700		5.0	120	µg/L	N/A	N/A	2/7/2006	WM2060207

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	86.5	60 - 130
Dibromofluoromethane	80.9	60 - 130
Toluene-d8	93.6	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Golden Gate Tank Removal
255 Shipley Street
San Francisco, CA 94107
Attn: Brent Wheeler

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Certificate of Analysis - Data Report

Samples Received: 02/03/2006
Sample Collected by: client

Lab # : 47716-008 **Sample ID: B15-W** **Matrix:** Liquid **Sample Date:** 2/1/2006 2:10 PM

EPA 3510C EPA 8015 MOD. (Extractable) **TPH-Extractable**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		12	620	µg/L	2/6/2006	WD060206	2/8/2006	WD060206B

4100 ppb higher boiling gasoline compounds (C8-C16). No Diesel pattern present .

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	85.4	22 - 133

Analyzed by: JHsiang
Reviewed by: dba

*** Increased detection limit due to limited sample volume.

EPA 5030C EPA 8260B for Groundwater and Water EPA 624 for Wastewater **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	3.2		5.0	2.5	µg/L	N/A	N/A	2/7/2006	WM2060207
Toluene	2.7		5.0	2.5	µg/L	N/A	N/A	2/7/2006	WM2060207
Ethyl Benzene	22		5.0	2.5	µg/L	N/A	N/A	2/7/2006	WM2060207
Xylenes, Total	4.3		5.0	2.5	µg/L	N/A	N/A	2/7/2006	WM2060207
Methyl-t-butyl Ether	ND		5.0	5.0	µg/L	N/A	N/A	2/7/2006	WM2060207
tert-Butyl Ethyl Ether	ND		5.0	25	µg/L	N/A	N/A	2/7/2006	WM2060207
tert-Butanol (TBA)	ND		5.0	50	µg/L	N/A	N/A	2/7/2006	WM2060207
Diisopropyl Ether	ND		5.0	25	µg/L	N/A	N/A	2/7/2006	WM2060207
tert-Amyl Methyl Ether	ND		5.0	25	µg/L	N/A	N/A	2/7/2006	WM2060207
1,2-Dichloroethane	ND		5.0	2.5	µg/L	N/A	N/A	2/7/2006	WM2060207
1,2-Dibromoethane (EDB)	ND		5.0	2.5	µg/L	N/A	N/A	2/7/2006	WM2060207
Ethanol	ND		5.0	500	µg/L	N/A	N/A	2/7/2006	WM2060207

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	87.8	60 - 130
Dibromofluoromethane	85.8	60 - 130
Toluene-d8	92.4	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

EPA 5030C GC-MS **TPH as Gasoline - GC-MS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	2700		5.0	120	µg/L	N/A	N/A	2/7/2006	WM2060207

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	86.1	60 - 130
Dibromofluoromethane	82.0	60 - 130
Toluene-d8	92.5	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Method Blank - Solid - EPA 8260B - 8260Petroleum

QC Batch ID: SM3060206

Validated by: MaiChiTu - 02/07/06

QC Batch Analysis Date: 2/6/2006

Parameter	Result	DF	PQLR	Units
1,2-Dibromoethane (EDB)	ND	1	5.0	µg/Kg
1,2-Dichloroethane	ND	1	5.0	µg/Kg
Benzene	ND	1	5.0	µg/Kg
Diisopropyl Ether	ND	1	5.0	µg/Kg
Ethanol	ND	1	200	µg/Kg
Ethyl Benzene	ND	1	5.0	µg/Kg
Methyl-t-butyl Ether	ND	1	5.0	µg/Kg
tert-Amyl Methyl Ether	ND	1	5.0	µg/Kg
tert-Butanol (TBA)	ND	1	40	µg/Kg
tert-Butyl Ethyl Ether	ND	1	5.0	µg/Kg
Toluene	ND	1	5.0	µg/Kg
Xylenes, Total	ND	1	10	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**91.1**	60 - 130
Dibromofluoromethane	**78.1**	60 - 130
Toluene-d8	**89.7**	60 - 130

Method Blank - Solid - GC-MS - TPH as Gasoline - GCMS

QC Batch ID: SM3060206

Validated by: MaiChiTu - 02/07/06

QC Batch Analysis Date: 2/6/2006

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	50	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**70.2**	60 - 130
Dibromofluoromethane	**84.3**	60 - 130
Toluene-d8	**70.9**	60 - 130

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Laboratory Control Sample / Duplicate - Solid - EPA 8260B - 8260Petroleum

QC Batch ID: SM3060206 Reviewed by: MaiChiTu - 02/07/06

QC Batch ID Analysis Date: 2/6/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<5.0	40	46.5	µg/Kg	116	70 - 135
Benzene	<5.0	40	42.1	µg/Kg	105	70 - 135
Chlorobenzene	<5.0	40	44.1	µg/Kg	110	70 - 135
Methyl-t-butyl Ether	<5.0	40	38.4	µg/Kg	96.0	70 - 135
Toluene	<5.0	40	42.7	µg/Kg	107	70 - 135
Trichloroethene	<5.0	40	44.4	µg/Kg	111	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**83.9**	60 - 130
Dibromofluoromethane	**100.0**	60 - 130
Toluene-d8	**81.2**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<5.0	40	47.4	µg/Kg	118	**1.9**	30.0	70 - 135
Benzene	<5.0	40	41.9	µg/Kg	105	**0.48**	30.0	70 - 135
Chlorobenzene	<5.0	40	44.0	µg/Kg	110	**0.23**	30.0	70 - 135
Methyl-t-butyl Ether	<5.0	40	35.3	µg/Kg	88.2	**8.4**	30.0	70 - 135
Toluene	<5.0	40	42.9	µg/Kg	107	**0.47**	30.0	70 - 135
Trichloroethene	<5.0	40	43.8	µg/Kg	110	**1.4**	30.0	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**79.2**	60 - 130
Dibromofluoromethane	**90.9**	60 - 130
Toluene-d8	**81.7**	60 - 130

Laboratory Control Sample / Duplicate - Solid - GC-MS - TPH as Gasoline - GCMS

QC Batch ID: SM3060206 Reviewed by: MaiChiTu - 02/07/06

QC Batch ID Analysis Date: 2/6/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<50	250	282	µg/Kg	113	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**70.9**	60 - 130
Dibromofluoromethane	**88.5**	60 - 130
Toluene-d8	**71.4**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<50	250	276	µg/Kg	110	**2.2**	30.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**70.5**	60 - 130
Dibromofluoromethane	**85.1**	60 - 130
Toluene-d8	**72.6**	60 - 130

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Matrix Spike / Matrix Spike Duplicate - Solid - EPA 8260B - 8260Petroleum

QC Batch ID: SM3060206

Reviewed by: MaiChiTu - 02/07/06

QC Batch ID Analysis Date: 2/6/2006

MS Sample Spiked: 47654-001

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
Benzene	ND	40	53.1	µg/Kg	2/6/2006	133	65 - 135
Methyl-t-butyl Ether	ND	40	39.4	µg/Kg	2/6/2006	98.5	65 - 135
Toluene	ND	40	48.0	µg/Kg	2/6/2006	120	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**74.2**	60 - 130
Dibromofluoromethane	**81.9**	60 - 130
Toluene-d8	**76.2**	60 - 130

MSD Sample Spiked: 47654-001

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	ND	40	49.7	µg/Kg	2/6/2006	124	6.6	30.0	65 - 135
Methyl-t-butyl Ether	ND	40	36.5	µg/Kg	2/6/2006	91.2	7.6	30.0	65 - 135
Toluene	ND	40	48.6	µg/Kg	2/6/2006	122	1.2	30.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**76.7**	60 - 130
Dibromofluoromethane	**84.1**	60 - 130
Toluene-d8	**81.4**	60 - 130

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Method Blank - Liquid - EPA 8260B - 8260Petroleum

QC Batch ID: WM2060206

Validated by: MaiChiTu - 02/07/06

QC Batch Analysis Date: 2/6/2006

Parameter	Result	DF	PQLR	Units
1,2-Dibromoethane (EDB)	ND	1	0.50	µg/L
1,2-Dichloroethane	ND	1	0.50	µg/L
Benzene	ND	1	0.50	µg/L
Diisopropyl Ether	ND	1	5.0	µg/L
Ethanol	ND	1	100	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Methyl-t-butyl Ether	ND	1	1.0	µg/L
tert-Amyl Methyl Ether	ND	1	5.0	µg/L
tert-Butanol (TBA)	ND	1	10	µg/L
tert-Butyl Ethyl Ether	ND	1	5.0	µg/L
Toluene	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**89.0**	60 - 130
Dibromofluoromethane	**83.2**	60 - 130
Toluene-d8	**93.5**	60 - 130

Method Blank - Liquid - GC-MS - TPH as Gasoline - GC-MS

QC Batch ID: WM2060206

Validated by: MaiChiTu - 02/07/06

QC Batch Analysis Date: 2/6/2006

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	25	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**87.7**	60 - 130
Dibromofluoromethane	**79.5**	60 - 130
Toluene-d8	**93.6**	60 - 130

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Laboratory Control Sample / Duplicate - Liquid - EPA 8260B - 8260Petroleum

QC Batch ID: WM2060206 Reviewed by: MaiChiTu - 02/07/06

QC Batch ID Analysis Date: 2/6/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	19.6	µg/L	97.8	70 - 130
Benzene	<0.50	20	21.7	µg/L	109	70 - 130
Chlorobenzene	<0.50	20	22.0	µg/L	110	70 - 130
Methyl-t-butyl Ether	<1.0	20	16.4	µg/L	81.8	70 - 130
Toluene	<0.50	20	20.4	µg/L	102	70 - 130
Trichloroethene	<0.50	20	22.9	µg/L	115	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**91.5**	60 - 130
Dibromofluoromethane	**87.0**	60 - 130
Toluene-d8	**88.9**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.50	20	17.7	µg/L	88.7	**9.8**	25.0	70 - 130
Benzene	<0.50	20	22.3	µg/L	111	**2.4**	25.0	70 - 130
Chlorobenzene	<0.50	20	23.4	µg/L	117	**6.1**	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	16.2	µg/L	80.8	**1.2**	25.0	70 - 130
Toluene	<0.50	20	21.7	µg/L	108	**6.0**	25.0	70 - 130
Trichloroethene	<0.50	20	23.6	µg/L	118	**2.8**	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**91.1**	60 - 130
Dibromofluoromethane	**84.9**	60 - 130
Toluene-d8	**90.8**	60 - 130

Laboratory Control Sample / Duplicate - Liquid - GC-MS - TPH as Gasoline - GC-MS

QC Batch ID: WM2060206 Reviewed by: MaiChiTu - 02/07/06

QC Batch ID Analysis Date: 2/6/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<25	250	210	µg/L	84.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**86.7**	60 - 130
Dibromofluoromethane	**77.6**	60 - 130
Toluene-d8	**94.1**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	250	205	µg/L	81.8	**2.6**	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**88.1**	60 - 130
Dibromofluoromethane	**77.5**	60 - 130
Toluene-d8	**93.4**	60 - 130

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Method Blank - Liquid - EPA 8260B - 8260Petroleum

QC Batch ID: WM2060207

Validated by: MaiChiTu - 02/07/06

QC Batch Analysis Date: 2/7/2006

Parameter	Result	DF	PQLR	Units
1,2-Dibromoethane (EDB)	ND	1	0.50	µg/L
1,2-Dichloroethane	ND	1	0.50	µg/L
Benzene	ND	1	0.50	µg/L
Diisopropyl Ether	ND	1	5.0	µg/L
Ethanol	ND	1	100	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Methyl-t-butyl Ether	ND	1	1.0	µg/L
tert-Amyl Methyl Ether	ND	1	5.0	µg/L
tert-Butanol (TBA)	ND	1	10	µg/L
tert-Butyl Ethyl Ether	ND	1	5.0	µg/L
Toluene	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**89.9**	60 - 130
Dibromofluoromethane	**87.9**	60 - 130
Toluene-d8	**91.7**	60 - 130

Method Blank - Liquid - GC-MS - TPH as Gasoline - GC-MS

QC Batch ID: WM2060207

Validated by: MaiChiTu - 02/07/06

QC Batch Analysis Date: 2/7/2006

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	25	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**88.6**	60 - 130
Dibromofluoromethane	**84.1**	60 - 130
Toluene-d8	**91.7**	60 - 130

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Laboratory Control Sample / Duplicate - Liquid - EPA 8260B - 8260Petroleum

QC Batch ID: WM2060207 Reviewed by: MaiChiTu - 02/07/06

QC Batch ID Analysis Date: 2/7/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	21.1	µg/L	106	70 - 130
Benzene	<0.50	20	23.3	µg/L	117	70 - 130
Chlorobenzene	<0.50	20	23.1	µg/L	116	70 - 130
Methyl-t-butyl Ether	<1.0	20	16.8	µg/L	84.1	70 - 130
Toluene	<0.50	20	21.5	µg/L	107	70 - 130
Trichloroethene	<0.50	20	24.8	µg/L	124	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**90.6**	60 - 130
Dibromofluoromethane	**88.5**	60 - 130
Toluene-d8	**89.1**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.50	20	20.1	µg/L	100	**5.2**	25.0	70 - 130
Benzene	<0.50	20	23.1	µg/L	116	**0.88**	25.0	70 - 130
Chlorobenzene	<0.50	20	23.4	µg/L	117	**1.4**	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	16.4	µg/L	82.2	**2.3**	25.0	70 - 130
Toluene	<0.50	20	22.1	µg/L	110	**2.7**	25.0	70 - 130
Trichloroethene	<0.50	20	24.1	µg/L	120	**2.9**	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**92.8**	60 - 130
Dibromofluoromethane	**84.4**	60 - 130
Toluene-d8	**91.2**	60 - 130

Laboratory Control Sample / Duplicate - Liquid - GC-MS - TPH as Gasoline - GC-MS

QC Batch ID: WM2060207 Reviewed by: MaiChiTu - 02/07/06

QC Batch ID Analysis Date: 2/7/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<25	250	231	µg/L	92.5	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**87.4**	60 - 130
Dibromofluoromethane	**79.4**	60 - 130
Toluene-d8	**93.0**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	250	240	µg/L	95.8	**3.5**	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**87.2**	60 - 130
Dibromofluoromethane	**79.9**	60 - 130
Toluene-d8	**94.9**	60 - 130

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Method Blank - Solid - EPA 8015 MOD. (Extractable) - TPH-Extractable

QC/Prep Batch ID: SD060206A

Validated by: dba - 02/07/06

QC/Prep Date: 2/6/2006

Parameter	Result	DF	PQLR	Units
TPH as Diesel	ND	1	2.5	mg/Kg

Surrogate for Blank	% Recovery	Control Limits
o-Terphenyl	**79.2**	41 - 137

Laboratory Control Sample / Duplicate - Solid - EPA 8015 MOD. (Extractable) - TPH-Extractable

QC/Prep Batch ID: SD060206A

Reviewed by: dba - 02/07/06

QC/Prep Date: 2/6/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<2.5	50	47.3	mg/Kg	94.6	45 - 140
TPH as Motor Oil	<10	50	55.6	mg/Kg	111	45 - 140

Surrogate	% Recovery	Control Limits
o-Terphenyl	**87.4**	41 - 137

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<2.5	50	45.4	mg/Kg	90.8	**4.1**	30.0	45 - 140
TPH as Motor Oil	<10	50	61.5	mg/Kg	123	**10**	30.0	45 - 140

Surrogate	% Recovery	Control Limits
o-Terphenyl	**85.5**	41 - 137

Entech Analytical Labs, Inc.

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Method Blank - Liquid - EPA 8015 MOD. (Extractable) - TPH-Extractable

QC/Prep Batch ID: WD060206

Validated by: ECunniffe - 02/08/06

QC/Prep Date: 2/6/2006

Parameter	Result	DF	PQLR	Units
TPH as Diesel	ND	1	50	µg/L

Surrogate for Blank	% Recovery	Control Limits
o-Terphenyl	**64.5**	22 - 133

Laboratory Control Sample / Duplicate - Liquid - EPA 8015 MOD. (Extractable) - TPH-Extractable

QC/Prep Batch ID: WD060206

Reviewed by: ECunniffe - 02/08/06

QC/Prep Date: 2/6/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<50	1000	828	µg/L	82.8	40 - 138
TPH as Motor Oil	<200	1000	1080	µg/L	108	40 - 138

Surrogate	% Recovery	Control Limits
o-Terphenyl	**83.1**	22 - 133

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<50	1000	1010	µg/L	101	**20**	25.0	40 - 138
TPH as Motor Oil	<200	1000	1120	µg/L	112	**3.7**	25.0	40 - 138

Surrogate	% Recovery	Control Limits
o-Terphenyl	**91.1**	22 - 133

Entech Analytical Labs, Inc.

3334 Victor Court (408) 588-0200
Santa Clara, CA 95054 (408) 588-0201 - Fax

Chain of Custody / Analysis Request

Attention to: BRENT WHEELER	Phone No.: 415-612-1335	Purchase Order No.:	Invoice to: (If Different)	Phone:
Company Name: GETR	Fax No.: 415-512-9104	Project No.: 3679 ~~3597~~	Company:	Quote No.:
Mailing Address: 255 SHIRLEY ST.	Email Address: DATA@GETR.COM	Project Name: FORMER EXXON STATION	Billing Address: (If Different)	
City: S.F.	State: CA / Zip Code: 94107	Project Location: 5775 BROADWAY	City: OAKLAND / State: CA / Zip:	

Sampler: CW/SO

Field Org. Code:

Global ID: T0600100882

Turn Around Time
- ☐ Same Day ☐ 1 Day
- ☐ 2 Day ☐ 3 Day
- ☒ 4 Day ☐ 5 Day
- ☐ 10 Day

Order ID: 47716

Client ID / Field Point	Lab. No.	Sample Date	Sample Time	Matrix	No. of Containers	GC/MS Methods: EPA 8260B	BTEX ☒ MTBE ☒ TPH Gas ☒ by 8260B	5 Oxygenates (MTBE, TBA, ETBA, DIPE, TAME) ☒ Ethanol ☒ Lead Scavengers (1,2-DCA & EDB) ☒	Base/Neutral/Acid Organics 8270C ☐ PAH - 8270C SIM ☐	PAH - 8270C ☐	GC Methods: TPH Extractable: Diesel ☒ Motor Oil ☐ Other ☐	w/ Si-Gel Cleanup ☐	Pesticides-8081 ☐ PCBs - 8082 ☐	TPH as Gas/BTEX ☐ MTBE ☐ by 8015M/8020	Methanol by 8015M	General Chemistry: Anions: F ☐ Cl ☐ Br ☐ SO4 ☐ NO3 ☐ NO2 ☐ PO4 ☐	pH ☐ TSS ☐ SC ☐ TOC ☐ TRPH ☐ O & G ☐	Metals - Circle Below Total ☐ Dissolved ☐ STLC ☐ TCLP ☐	Remarks
B1-6	47716-001	2/1/06	1015	S	1		X	X			X								
B1-10	002		1030	S	1		X	X			X								
B2-6	003		1345	S	1		X	X											
B2-9	004		1345	S	1		X	X											
B1-W	005	↓	1115	W	5		X	X			X								
B12-W	006	2/3/06	1020	W	3		X	X											
B13-W	007	2/3/06	1110	W	5		X	X			X								
B15-W	008	2/1/06	1410	W	4		X	X			X								

	Received by:	Date:	Time:
Relinquished by:		2/3/06	1310
Relinquished by:		2/3/06	1455
Relinquished by:			

Special Instructions or Comments

~~☒ EDD Report~~
☒ EDF Report

Metals:
Al, As, Sb, Ba, Be, Bi, B, Cd, Ce, Ca, Cr, Co, Cs, Cu, Fe, Pb, Mg, Mn, Ga, Ge, Hg, In, Li, Mo, Ni, P, K, Si, Ag, Na, S, Se, Sr, Ta, Te, Tl, Sn, Ti, Zn, V, W, Zr

- ☐ Plating
- ☐ LUFT-5
- ☐ RCRA-8
- ☐ PPM-13
- ☐ CAM-17

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Brent Wheeler
Golden Gate Tank Removal
255 Shipley Street
San Francisco, CA 94107

Lab Certificate Number: 47757
Issued: 02/14/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA

Global ID: T0600100882

Certificate of Analysis - Final Report

On February 08, 2006, samples were received under chain of custody for analysis.
Entech analyzes samples "as received" unless otherwise noted. The following results are included:

Matrix	Test	Comments
Solid	Composite	
	Electronic Deliverables	
	EPA 8260B - GC/MS	
	Metals by ICP 6010B	
	TPH as Gasoline by GC/MS	
	TPH-Extractable	

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346).
If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,

Laurie Glantz-Murphy
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Golden Gate Tank Removal
255 Shipley Street
San Francisco, CA 94107
Attn: Brent Wheeler

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Certificate of Analysis - Data Report

Samples Received: 02/08/2006
Sample Collected by: client

Lab # : 47757-005 **Sample ID: 8679 SP1(A-D)Comp.** **Matrix:** Solid **Sample Date:** 2/6/2006 4:00 PM

EPA 3050B EPA 6010B **Metals**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Lead	39		1.0	1.0	mg/Kg	2/8/2006	SM060208	2/9/2006	SM060208

Analyzed by: EQueja
Reviewed by: hdinh

EPA 3545 EPA 8015 MOD. (Extractable) **TPH-Extractable**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		10	25	mg/Kg	2/10/2006	SD060210A	2/13/2006	SD060210A

170ppm Motor Oil range organics. No Diesel pattern present.

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	102	41 - 137

Analyzed by: JHsiang
Reviewed by: dba

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/10/2006	PM060209P
Toluene	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/10/2006	PM060209P
Ethyl Benzene	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/10/2006	PM060209P
Xylenes, Total	ND		50	500	µg/Kg	2/9/2006	PM060209P	2/10/2006	PM060209P
Methyl-t-butyl Ether	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/10/2006	PM060209P

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	102	60 - 130
Dibromofluoromethane	91.1	60 - 130
Toluene-d8	71.2	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	44000		50	2500	µg/Kg	2/9/2006	PM060209P	2/10/2006	PM060209P

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	94.8	60 - 130
Dibromofluoromethane	97.1	60 - 130
Toluene-d8	69.0	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Solid - EPA 8260B - 8260Petroleum

QC/Prep Batch ID: PM060209P

Validated by: MaiChiTu - 02/10/06

QC/Prep Date: 2/9/2006

Parameter	Result	DF	PQLR	Units
Benzene	ND	50	250	µg/Kg
Ethyl Benzene	ND	50	250	µg/Kg
Methyl-t-butyl Ether	ND	50	250	µg/Kg
Toluene	ND	50	250	µg/Kg
Xylenes, Total	ND	50	500	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**76.8**	60 - 130
Dibromofluoromethane	**79.3**	60 - 130
Toluene-d8	**76.9**	60 - 130

Method Blank - Solid - GC-MS - TPH as Gasoline - GCMS

QC/Prep Batch ID: PM060209P

Validated by: MaiChiTu - 02/10/06

QC/Prep Date: 2/9/2006

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	50	2500	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**70.0**	60 - 130
Dibromofluoromethane	**85.5**	60 - 130
Toluene-d8	**71.9**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Laboratory Control Sample / Duplicate - Solid - EPA 8260B - 8260Petroleum

QC Batch ID: PM060209P

Reviewed by: MaiChiTu - 02/10/06

QC/Prep Date: 2/9/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<5.0	2000	2310	µg/Kg	116	70 - 135
Benzene	<5.0	2000	2340	µg/Kg	117	70 - 135
Chlorobenzene	<5.0	2000	2120	µg/Kg	106	70 - 135
Methyl-t-butyl Ether	<5.0	2000	1720	µg/Kg	86.0	70 - 135
Toluene	<5.0	2000	2140	µg/Kg	107	70 - 135
Trichloroethene	<5.0	2000	2260	µg/Kg	113	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**79.2**	60 - 130
Dibromofluoromethane	**89.2**	60 - 130
Toluene-d8	**81.3**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<5.0	2000	2150	µg/Kg	108	**7.2**	30.0	70 - 135
Benzene	<5.0	2000	2040	µg/Kg	102	**14**	30.0	70 - 135
Chlorobenzene	<5.0	2000	1930	µg/Kg	96.5	**9.4**	30.0	70 - 135
Methyl-t-butyl Ether	<5.0	2000	1780	µg/Kg	89.0	**3.4**	30.0	70 - 135
Toluene	<5.0	2000	1880	µg/Kg	94.0	**13**	30.0	70 - 135
Trichloroethene	<5.0	2000	1980	µg/Kg	99.0	**13**	30.0	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**73.9**	60 - 130
Dibromofluoromethane	**94.0**	60 - 130
Toluene-d8	**76.4**	60 - 130

Entech Analytical Labs, Inc.

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Method Blank - Solid - EPA 8015 MOD. (Extractable) - TPH-Extractable

QC/Prep Batch ID: SD060210A

Validated by: dba - 02/13/06

QC/Prep Date: 2/10/2006

Parameter	Result	DF	PQLR	Units
TPH as Diesel	ND	1	2.5	mg/Kg

Surrogate for Blank	% Recovery	Control Limits
o-Terphenyl	**67.5**	41 - 137

Laboratory Control Sample / Duplicate - Solid - EPA 8015 MOD. (Extractable) - TPH-Extractable

QC Batch ID: SD060210A

Reviewed by: dba - 02/13/06

QC/Prep Date: 2/10/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<2.5	50	33.1	mg/Kg	66.2	45 - 140
TPH as Motor Oil	<10	50	35.4	mg/Kg	70.8	45 - 140

Surrogate	% Recovery	Control Limits
o-Terphenyl	**69.1**	41 - 137

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<2.5	50	29.6	mg/Kg	59.2	**11**	30.0	45 - 140
TPH as Motor Oil	<10	50	33.8	mg/Kg	67.6	**4.6**	30.0	45 - 140

Surrogate	% Recovery	Control Limits
o-Terphenyl	**63.8**	41 - 137

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Laboratory Control Sample / Duplicate - Solid - EPA 6010B - Metals

QC Batch ID: SM060208

Reviewed by: hdinh - 02/09/06

QC/Prep Date: 2/8/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Antimony	<1.0	50	49.0	mg/Kg	97.9	75 - 125
Arsenic	<1.0	50	48.9	mg/Kg	97.7	75 - 125
Barium	<1.0	50	50.6	mg/Kg	101	75 - 125
Beryllium	<1.0	50	47.2	mg/Kg	94.5	75 - 125
Cadmium	<1.0	50	46.7	mg/Kg	93.5	75 - 125
Chromium	<1.0	50	50.7	mg/Kg	101	75 - 125
Cobalt	<1.0	50	50.6	mg/Kg	101	75 - 125
Copper	<1.0	50	50.2	mg/Kg	100	75 - 125
Lead	<1.0	50	50.2	mg/Kg	100	75 - 125
Molybdenum	<1.0	50	50.9	mg/Kg	102	75 - 125
Nickel	<1.0	50	49.2	mg/Kg	98.4	75 - 125
Selenium	<2.0	50	44.2	mg/Kg	88.5	75 - 125
Silver	<1.0	50	50.2	mg/Kg	100	75 - 125
Thallium	<2.0	50	45.9	mg/Kg	91.8	75 - 125
Vanadium	<1.0	50	50.7	mg/Kg	101	75 - 125
Zinc	<2.0	50	47.2	mg/Kg	94.5	75 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Antimony	<1.0	50	49.7	mg/Kg	99.4	**1.5**	25.0	75 - 125
Arsenic	<1.0	50	49.3	mg/Kg	98.6	**0.92**	25.0	75 - 125
Barium	<1.0	50	50.9	mg/Kg	102	**0.63**	25.0	75 - 125
Beryllium	<1.0	50	47.8	mg/Kg	95.6	**1.2**	25.0	75 - 125
Cadmium	<1.0	50	46.6	mg/Kg	93.2	**0.28**	25.0	75 - 125
Chromium	<1.0	50	50.3	mg/Kg	101	**0.81**	25.0	75 - 125
Cobalt	<1.0	50	51.1	mg/Kg	102	**0.98**	25.0	75 - 125
Copper	<1.0	50	50.0	mg/Kg	100	**0.44**	25.0	75 - 125
Lead	<1.0	50	50.5	mg/Kg	101	**0.68**	25.0	75 - 125
Molybdenum	<1.0	50	51.8	mg/Kg	104	**1.7**	25.0	75 - 125
Nickel	<1.0	50	50.0	mg/Kg	99.9	**1.6**	25.0	75 - 125
Selenium	<2.0	50	45.4	mg/Kg	90.8	**2.6**	25.0	75 - 125
Silver	<1.0	50	50.2	mg/Kg	100	**0.060**	25.0	75 - 125
Thallium	<2.0	50	47.6	mg/Kg	95.2	**3.6**	25.0	75 - 125
Vanadium	<1.0	50	50.2	mg/Kg	100	**1.0**	25.0	75 - 125
Zinc	<2.0	50	48.2	mg/Kg	96.3	**1.9**	25.0	75 - 125

Entech Analytical Labs, Inc.

3334 Victor Court (408) 588-0200
Santa Clara, CA 95054 (408) 588-0201 - Fax

Chain of Custody / Analysis Request

Attention to:	Phone No.:	Purchase Order No.:	Invoice to: (If Different)	Phone:
BRENT WHEELER	415.512.1555			
Company Name:	**Fax No.:**	**Project No.:**	**Company:**	**Quote No.:**
GETR	415.512.0964	8679		
Mailing Address:	**Email Address:**	**Project Name:**	**Billing Address: (If Different)**	
255 SHIPLEY ST	data@getr.com	FORMER EXXON STATION		
City: / **State:** / **Zip Code:**		**Project Location:**	**City:** / **State:** / **Zip:**	
SAN FRANCISCO / CA / 94107		5175 BROADWAY	OAKLAND / CA	

Sampler: GW | Field Org. Code:

Global ID: T0600100882

Turn Around Time
- ❑ Same Day ❑ 1 Day
- ❑ 2 Day ❑ 3 Day
- ☒ 4 Day ❑ 5 Day
- ❑ 10 Day

Order ID: 47757

Client ID / Field Point	Lab. No.	Sample Date	Sample Time	Matrix	No. of Containers	GC/MS Methods: EPA 8260B	GC/MS Methods: BTEX ☒ MTBE ☒ TPH Gas ☒ by 8260B	GC/MS Methods: 5 Oxygenates (MTBE, TBA, ETBA, DIPE, TAME) ❑ Lead Scavengers (1,2-DCA & EDB) ❑ Ethanol ❑	GC/MS Methods: Base/Neutral/Acid Organics 8270C ❑ PAH - 8270C SIM ❑	GC Methods: TPH Extractable: Diesel ☒ Motor Oil ❑ Other ❑ w/ Si-Gel Cleanup ❑	GC Methods: Pesticides-8081 ❑ PCBs - 8082 ❑	GC Methods: TPH as Gas/BTEX ❑ MTBE ❑ by 8015M/8020	GC Methods: Methanol by 8015M	General Chemistry: Anions: F ❑ Cl ❑ Br ❑ SO4 ❑ NO3 ❑ NO2 ❑ PO4 ❑	General Chemistry: pH ❑ TSS ❑ SC ❑ TOC ❑ TRPH ❑ O & G ❑	General Chemistry: Metals - Circle Below Total ☒ Dissolved ❑ STLC ❑ TCLP ❑	Remarks
8679SP1A-D		2/6/06	1600	S	4		X			X	47757-001,002,003,004			005	X	Comp 4 to 1

4 Day TAT

Relinquished by:	Received by:	Date:	Time:
		2/8/06	0820
Relinquished by:	Received by:	Date:	Time:
		2/8/06	955
Relinquished by:	Received by:	Date:	Time:

Special Instructions or Comments

- ❑ EDD Report
- ☑ EDF Report
- ❑ Plating
- ❑ LUFT-5
- ❑ RCRA-8
- ❑ PPM-13
- ❑ CAM-17

Metals:
Al, As, Sb, Ba, Be, Bi, B, Cd, Ce, Ca, Cr, Co, Cs, Cu, Fe, (Pb) Mg, Mn,
Ga, Ge, Hg, In, Li, Mo, Ni, P, K, Si, Ag, Na, S, Se, Sr, Ta, Te, Tl, Sn, Ti, Zn, V, W, Zr

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Brent Wheeler
Golden Gate Tank Removal
255 Shipley Street
San Francisco, CA 94107

Lab Certificate Number: 47795
Issued: 02/15/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA

Global ID: T0600100882

Certificate of Analysis - Final Report

On February 09, 2006, samples were received under chain of custody for analysis.
Entech analyzes samples "as received" unless otherwise noted. The following results are included:

Matrix	Test	Comments
Liquid	Electronic Deliverables	
	TPH-Extractable	
	EPA 8260B - GC/MS	
	TPH as Gasoline by GC/MS	
Solid	Metals by ICP 6010B	
	TPH-Extractable	
	EPA 8260B - GC/MS	
	TPH as Gasoline by GC/MS	

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346).
If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,

Erin Cunniffe
Operations Manager

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Golden Gate Tank Removal
255 Shipley Street
San Francisco, CA 94107
Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

Certificate of Analysis - Data Report

Lab # : 47795-001 **Sample ID: B6-W** **Matrix:** Liquid **Sample Date:** 2/6/2006 11:40 AM

EPA 5030C EPA 8260B EPA 624 **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	3.9		5.0	2.5	µg/L	N/A	N/A	2/13/2006	WM2060213
Toluene	3.1		5.0	2.5	µg/L	N/A	N/A	2/13/2006	WM2060213
Ethyl Benzene	54		5.0	2.5	µg/L	N/A	N/A	2/13/2006	WM2060213
Xylenes, Total	61		5.0	2.5	µg/L	N/A	N/A	2/13/2006	WM2060213
Methyl-t-butyl Ether	ND		5.0	5.0	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Butyl Ethyl Ether	ND		5.0	25	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Butanol (TBA)	ND		5.0	50	µg/L	N/A	N/A	2/13/2006	WM2060213
Diisopropyl Ether	ND		5.0	25	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Amyl Methyl Ether	ND		5.0	25	µg/L	N/A	N/A	2/13/2006	WM2060213
1,2-Dichloroethane	ND		5.0	2.5	µg/L	N/A	N/A	2/13/2006	WM2060213
1,2-Dibromoethane (EDB)	ND		5.0	2.5	µg/L	N/A	N/A	2/13/2006	WM2060213
Ethanol	ND		5.0	500	µg/L	N/A	N/A	2/13/2006	WM2060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	90.5	60 - 130
Dibromofluoromethane	84.6	60 - 130
Toluene-d8	94.2	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

EPA 5030C GC-MS **TPH as Gasoline - GC-MS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	5600		5.0	120	µg/L	N/A	N/A	2/13/2006	WM2060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	88.8	60 - 130
Dibromofluoromethane	80.8	60 - 130
Toluene-d8	94.2	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Golden Gate Tank Removal
255 Shipley Street
San Francisco, CA 94107
Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

Certificate of Analysis - Data Report

Lab # : 47795-002 **Sample ID: B14-W** **Matrix:** Liquid **Sample Date:** 2/6/2006 9:30 AM

EPA 5030C EPA 8260B EPA 624 **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	410		50	25	µg/L	N/A	N/A	2/13/2006	WM2060213
Toluene	25		50	25	µg/L	N/A	N/A	2/13/2006	WM2060213
Ethyl Benzene	290		50	25	µg/L	N/A	N/A	2/13/2006	WM2060213
Xylenes, Total	95		50	25	µg/L	N/A	N/A	2/13/2006	WM2060213
Methyl-t-butyl Ether	ND		50	50	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Butyl Ethyl Ether	ND		50	250	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Butanol (TBA)	ND		50	500	µg/L	N/A	N/A	2/13/2006	WM2060213
Diisopropyl Ether	ND		50	250	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Amyl Methyl Ether	ND		50	250	µg/L	N/A	N/A	2/13/2006	WM2060213
1,2-Dichloroethane	ND		50	25	µg/L	N/A	N/A	2/13/2006	WM2060213
1,2-Dibromoethane (EDB)	ND		50	25	µg/L	N/A	N/A	2/13/2006	WM2060213
Ethanol	ND		50	5000	µg/L	N/A	N/A	2/13/2006	WM2060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	94.5	60 - 130
Dibromofluoromethane	87.8	60 - 130
Toluene-d8	96.0	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

EPA 5030C GC-MS **TPH as Gasoline - GC-MS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	38000		50	1200	µg/L	N/A	N/A	2/13/2006	WM2060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	92.9	60 - 130
Dibromofluoromethane	83.9	60 - 130
Toluene-d8	96.1	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Golden Gate Tank Removal
255 Shipley Street
San Francisco, CA 94107
Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

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Lab # : 47795-003 **Sample ID: B10-W** **Matrix:** Liquid **Sample Date:** 2/6/2006 3:10 PM

EPA 5030C EPA 8260B EPA 624 **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		10	5.0	µg/L	N/A	N/A	2/14/2006	WM2060214
Toluene	5.7		10	5.0	µg/L	N/A	N/A	2/14/2006	WM2060214
Ethyl Benzene	170		10	5.0	µg/L	N/A	N/A	2/14/2006	WM2060214
Xylenes, Total	69		10	5.0	µg/L	N/A	N/A	2/14/2006	WM2060214
Methyl-t-butyl Ether	ND		10	10	µg/L	N/A	N/A	2/14/2006	WM2060214
tert-Butyl Ethyl Ether	ND		10	50	µg/L	N/A	N/A	2/14/2006	WM2060214
tert-Butanol (TBA)	ND		10	100	µg/L	N/A	N/A	2/14/2006	WM2060214
Diisopropyl Ether	ND		10	50	µg/L	N/A	N/A	2/14/2006	WM2060214
tert-Amyl Methyl Ether	ND		10	50	µg/L	N/A	N/A	2/14/2006	WM2060214
1,2-Dichloroethane	ND		10	5.0	µg/L	N/A	N/A	2/14/2006	WM2060214
1,2-Dibromoethane (EDB)	ND		10	5.0	µg/L	N/A	N/A	2/14/2006	WM2060214
Ethanol	ND		10	1000	µg/L	N/A	N/A	2/14/2006	WM2060214

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	88.9	60 - 130
Dibromofluoromethane	82.0	60 - 130
Toluene-d8	94.7	60 - 130

Analyzed by: Tfulton
Reviewed by: MaiChiTu

EPA 5030C GC-MS **TPH as Gasoline - GC-MS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	6800		10	250	µg/L	N/A	N/A	2/14/2006	WM2060214

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	87.9	60 - 130
Dibromofluoromethane	78.4	60 - 130
Toluene-d8	94.7	60 - 130

Analyzed by: Tfulton
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
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ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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255 Shipley Street
San Francisco, CA 94107
Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

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Lab # : 47795-004 **Sample ID: B4-5** **Matrix:** Solid **Sample Date:** 2/6/2006 2:40 PM

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Ethanol	ND		1.0	200	µg/Kg	N/A	N/A	2/14/2006	SM3060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	74.8	60 - 130
Dibromofluoromethane	79.4	60 - 130
Toluene-d8	75.6	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	50	µg/Kg	N/A	N/A	2/14/2006	SM3060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	70.0	60 - 130
Dibromofluoromethane	83.3	60 - 130
Toluene-d8	72.7	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
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255 Shipley Street
San Francisco, CA 94107
Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

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Lab # : 47795-005 **Sample ID: B4-9** **Matrix:** Solid **Sample Date:** 2/6/2006 2:45 PM

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Toluene	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Ethyl Benzene	660		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Xylenes, Total	ND		100	1000	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Methyl-t-butyl Ether	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
tert-Butyl Ethyl Ether	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
tert-Butanol (TBA)	ND		100	4000	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Diisopropyl Ether	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
tert-Amyl Methyl Ether	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
1,2-Dichloroethane	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
1,2-Dibromoethane (EDB)	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Ethanol	ND		100	20000	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	120	60 - 130
Dibromofluoromethane	86.5	60 - 130
Toluene-d8	76.0	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	140000		100	5000	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	111	60 - 130
Dibromofluoromethane	91.4	60 - 130
Toluene-d8	72.1	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
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San Francisco, CA 94107
Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

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Lab # : 47795-006 **Sample ID: B3-5** **Matrix:** Solid **Sample Date:** 2/6/2006 4:10 PM

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Ethanol	ND		1.0	200	µg/Kg	N/A	N/A	2/14/2006	SM3060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	79.2	60 - 130
Dibromofluoromethane	90.2	60 - 130
Toluene-d8	76.9	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	220		1.0	50	µg/Kg	N/A	N/A	2/14/2006	SM3060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	72.3	60 - 130
Dibromofluoromethane	95.3	60 - 130
Toluene-d8	72.0	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

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ND = Not Detected at or above the Detection Limit.
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255 Shipley Street
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Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

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Lab # : 47795-007 **Sample ID: B3-9** **Matrix:** Solid **Sample Date:** 2/6/2006 4:15 PM

EPA 3545 EPA 8015 MOD. (Extractable) **TPH-Extractable**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	2/10/2006	SD060210A	2/13/2006	SD060210A

80ppm higher boiling gasoline compounds (C8-C16). No Diesel pattern present.

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	78.4	41 - 137

Analyzed by: JHsiang
Reviewed by: dba

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	650		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Toluene	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Ethyl Benzene	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Xylenes, Total	ND		100	1000	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Methyl-t-butyl Ether	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
tert-Butyl Ethyl Ether	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
tert-Butanol (TBA)	ND		100	4000	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Diisopropyl Ether	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
tert-Amyl Methyl Ether	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
1,2-Dichloroethane	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
1,2-Dibromoethane (EDB)	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Ethanol	ND		100	20000	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	122	60 - 130
Dibromofluoromethane	80.0	60 - 130
Toluene-d8	75.7	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	160000		100	5000	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	111	60 - 130
Dibromofluoromethane	85.4	60 - 130
Toluene-d8	71.3	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

Certificate of Analysis - Data Report

Lab # : 47795-009 **Sample ID: B5-5** **Matrix:** Solid **Sample Date:** 2/6/2006 1:32 PM

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Ethanol	ND		1.0	200	µg/Kg	N/A	N/A	2/14/2006	SM3060214

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	76.7	60 - 130
Dibromofluoromethane	87.9	60 - 130
Toluene-d8	78.1	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	50	µg/Kg	N/A	N/A	2/14/2006	SM3060214

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	70.1	60 - 130
Dibromofluoromethane	92.2	60 - 130
Toluene-d8	73.4	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

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Lab # : 47795-010 **Sample ID: B5-9** **Matrix:** Solid **Sample Date:** 2/6/2006 1:22 PM

EPA 3050B EPA 6010B **Metals**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Cadmium	ND		1.0	1.0	mg/Kg	2/10/2006	SM060210	2/10/2006	SM060210
Chromium	22		1.0	1.0	mg/Kg	2/10/2006	SM060210	2/10/2006	SM060210
Lead	14		1.0	1.0	mg/Kg	2/10/2006	SM060210	2/10/2006	SM060210
Nickel	36		1.0	1.0	mg/Kg	2/10/2006	SM060210	2/10/2006	SM060210
Zinc	87		1.0	2.0	mg/Kg	2/10/2006	SM060210	2/10/2006	SM060210

Analyzed by: Equeja
Reviewed by: hdinh

EPA 3545 EPA 8015 MOD. (Extractable) **TPH-Extractable**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	2/10/2006	SD060210A	2/14/2006	SD060210A

7.0ppm higher boiling gasoline compounds (C8-C16). No Diesel pattern present.

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	83.4	41 - 137

Analyzed by: JHsiang
Reviewed by: dba

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Toluene	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Ethyl Benzene	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Xylenes, Total	ND		50	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Methyl-t-butyl Ether	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
tert-Butyl Ethyl Ether	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
tert-Butanol (TBA)	ND		50	2000	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Diisopropyl Ether	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
tert-Amyl Methyl Ether	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
1,2-Dichloroethane	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
1,2-Dibromoethane (EDB)	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Ethanol	ND		50	10000	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	76.9	60 - 130
Dibromofluoromethane	78.2	60 - 130
Toluene-d8	77.0	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

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Lab # : 47795-010 **Sample ID: B5-9** **Matrix:** Solid **Sample Date:** 2/6/2006 1:22 PM

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	13000		50	2500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P

Sample diluted due to high concentration of hydrocarbon.

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	79.5	60 - 130
Dibromofluoromethane	82.4	60 - 130
Toluene-d8	72.2	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Lab # : 47795-011 **Sample ID: B6-5** **Matrix:** Solid **Sample Date:** 2/6/2006 10:32 AM

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Ethanol	ND		1.0	200	µg/Kg	N/A	N/A	2/14/2006	SM3060214

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	76.3	60 - 130
Dibromofluoromethane	79.9	60 - 130
Toluene-d8	75.2	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	50	µg/Kg	N/A	N/A	2/14/2006	SM3060214

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	69.3	60 - 130
Dibromofluoromethane	83.9	60 - 130
Toluene-d8	70.2	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Golden Gate Tank Removal
255 Shipley Street
San Francisco, CA 94107
Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Certificate of Analysis - Data Report

Sample Collected by: client

Lab # : 47795-012 **Sample ID: B6-9** **Matrix:** Solid **Sample Date:** 2/6/2006 10:35 AM

EPA 3545 EPA 8015 MOD. (Extractable) **TPH-Extractable**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	2/10/2006	SD060210A	2/13/2006	SD060210A

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	87.3	41 - 137

Analyzed by: JHsiang
Reviewed by: dba

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Ethanol	ND		1.0	200	µg/Kg	N/A	N/A	2/14/2006	SM3060214

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	78.9	60 - 130
Dibromofluoromethane	88.7	60 - 130
Toluene-d8	73.9	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	100		1.0	50	µg/Kg	N/A	N/A	2/14/2006	SM3060214

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	72.6	60 - 130
Dibromofluoromethane	93.6	60 - 130
Toluene-d8	69.9	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Golden Gate Tank Removal
255 Shipley Street
San Francisco, CA 94107
Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

Certificate of Analysis - Data Report

Lab # : 47795-013 **Sample ID: B7-5** **Matrix:** Solid **Sample Date:** 2/6/2006 1:00 PM

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Ethanol	ND		1.0	200	µg/Kg	N/A	N/A	2/14/2006	SM3060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	73.8	60 - 130
Dibromofluoromethane	83.5	60 - 130
Toluene-d8	76.1	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	50	µg/Kg	N/A	N/A	2/14/2006	SM3060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	69.3	60 - 130
Dibromofluoromethane	88.2	60 - 130
Toluene-d8	73.4	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Golden Gate Tank Removal
255 Shipley Street
San Francisco, CA 94107
Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

Certificate of Analysis - Data Report

Lab # : 47795-014 **Sample ID: B7-9** **Matrix:** Solid **Sample Date:** 2/6/2006 1:05 PM

EPA 3545 EPA 8015 MOD. (Extractable) **TPH-Extractable**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	2/10/2006	SD060210A	2/14/2006	SD060210A

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	80.3	41 - 137

Analyzed by: JHsiang
Reviewed by: dba

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Ethanol	ND		1.0	200	µg/Kg	N/A	N/A	2/14/2006	SM3060214

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	73.4	60 - 130
Dibromofluoromethane	77.3	60 - 130
Toluene-d8	75.3	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	50	µg/Kg	N/A	N/A	2/14/2006	SM3060214

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	68.8	60 - 130
Dibromofluoromethane	81.5	60 - 130
Toluene-d8	72.4	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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255 Shipley Street
San Francisco, CA 94107
Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

Certificate of Analysis - Data Report

Lab # : 47795-016 **Sample ID: B8-5** **Matrix:** Solid **Sample Date:** 2/6/2006 1:35 PM

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060214
Ethanol	ND		1.0	200	µg/Kg	N/A	N/A	2/14/2006	SM3060214

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	73.4	60 - 130
Dibromofluoromethane	79.6	60 - 130
Toluene-d8	76.7	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	53		1.0	50	µg/Kg	N/A	N/A	2/14/2006	SM3060214

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	68.4	60 - 130
Dibromofluoromethane	82.8	60 - 130
Toluene-d8	73.4	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Golden Gate Tank Removal
255 Shipley Street
San Francisco, CA 94107
Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

Certificate of Analysis - Data Report

Lab # : 47795-017 **Sample ID: B8-9** **Matrix:** Solid **Sample Date:** 2/6/2006 1:40 PM

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Toluene	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Ethyl Benzene	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Xylenes, Total	ND		50	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Methyl-t-butyl Ether	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
tert-Butyl Ethyl Ether	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
tert-Butanol (TBA)	ND		50	2000	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Diisopropyl Ether	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
tert-Amyl Methyl Ether	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
1,2-Dichloroethane	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
1,2-Dibromoethane (EDB)	ND		50	250	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Ethanol	ND		50	10000	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	76.6	60 - 130
Dibromofluoromethane	79.6	60 - 130
Toluene-d8	76.2	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	22000		50	2500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	70.2	60 - 130
Dibromofluoromethane	84.4	60 - 130
Toluene-d8	71.7	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Golden Gate Tank Removal
255 Shipley Street
San Francisco, CA 94107
Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

Certificate of Analysis - Data Report

Lab # : 47795-019 **Sample ID: B9-5** **Matrix:** Solid **Sample Date:** 2/6/2006 4:40 PM

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Ethanol	ND		1.0	200	µg/Kg	N/A	N/A	2/15/2006	SM3060214

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	83.0	60 - 130
Dibromofluoromethane	81.3	60 - 130
Toluene-d8	73.1	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	1800		1.0	50	µg/Kg	N/A	N/A	2/15/2006	SM3060214

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	77.9	60 - 130
Dibromofluoromethane	85.4	60 - 130
Toluene-d8	70.0	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Golden Gate Tank Removal
255 Shipley Street
San Francisco, CA 94107
Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

Certificate of Analysis - Data Report

Lab # : 47795-020 **Sample ID: B9-9** **Matrix:** Solid **Sample Date:** 2/6/2006 4:45 PM

EPA 3545 EPA 8015 MOD. (Extractable) **TPH-Extractable**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	2/10/2006	SD060210A	2/13/2006	SD060210A

45ppm higher boiling gasoline compounds (C8-C16). No Diesel pattern present.

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	86.3	41 - 137

Analyzed by: JHsiang
Reviewed by: dba

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Toluene	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Ethyl Benzene	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Xylenes, Total	ND		100	1000	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Methyl-t-butyl Ether	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
tert-Butyl Ethyl Ether	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
tert-Butanol (TBA)	ND		100	4000	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Diisopropyl Ether	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
tert-Amyl Methyl Ether	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
1,2-Dichloroethane	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
1,2-Dibromoethane (EDB)	ND		100	500	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P
Ethanol	ND		100	20000	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	84.5	60 - 130
Dibromofluoromethane	77.6	60 - 130
Toluene-d8	77.2	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

*** Sample diluted due to high concentration of hydrocarbons.

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	180000		100	5000	µg/Kg	2/9/2006	PM060209P	2/13/2006	PM060209P

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	78.3	60 - 130
Dibromofluoromethane	82.4	60 - 130
Toluene-d8	74.4	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Golden Gate Tank Removal
255 Shipley Street
San Francisco, CA 94107
Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

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Lab # : 47795-022 **Sample ID: B10-5** **Matrix:** Solid **Sample Date:** 2/6/2006 12:15 PM

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Ethanol	ND		1.0	200	µg/Kg	N/A	N/A	2/15/2006	SM3060214

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	74.9	60 - 130
Dibromofluoromethane	78.2	60 - 130
Toluene-d8	77.0	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	52		1.0	50	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Atypical pattern.									

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	69.2	60 - 130
Dibromofluoromethane	81.7	60 - 130
Toluene-d8	73.1	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

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Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

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Sample Collected by: client

Lab # : 47795-023 **Sample ID: B10-9** **Matrix:** Solid **Sample Date:** 2/6/2006 12:20 PM

EPA 3050B EPA 6010B **Metals**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Cadmium	ND		1.0	1.0	mg/Kg	2/10/2006	SM060210	2/10/2006	SM060210
Chromium	40		1.0	1.0	mg/Kg	2/10/2006	SM060210	2/10/2006	SM060210
Lead	10		1.0	1.0	mg/Kg	2/10/2006	SM060210	2/10/2006	SM060210
Nickel	32		1.0	1.0	mg/Kg	2/10/2006	SM060210	2/10/2006	SM060210
Zinc	24		1.0	2.0	mg/Kg	2/10/2006	SM060210	2/10/2006	SM060210

Analyzed by: Equeja
Reviewed by: hdinh

EPA 5035A EPA 8260B **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	2/15/2006	SM3060214
Ethanol	ND		1.0	200	µg/Kg	N/A	N/A	2/15/2006	SM3060214

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	82.2	60 - 130
Dibromofluoromethane	79.9	60 - 130
Toluene-d8	74.7	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A GC-MS **TPH as Gasoline - GCMS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	280		1.0	50	µg/Kg	N/A	N/A	2/15/2006	SM3060214

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	73.3	60 - 130
Dibromofluoromethane	83.1	60 - 130
Toluene-d8	69.2	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

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D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
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Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

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Lab # : 47795-024 **Sample ID: B3-W** **Matrix:** Liquid **Sample Date:** 2/8/2006 10:45 AM

EPA 3510C EPA 8015 MOD. (Extractable) **TPH-Extractable**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		5.6	280	µg/L	2/10/2006	WD060210A	2/10/2006	WD060210A

4800 ppb higher boiling gasoline compounds (C8-C16). No Diesel pattern present .

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	63.5	22 - 133

Analyzed by: JHsiang
Reviewed by: dba

EPA 5030C EPA 8260B EPA 624 **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	3300		50	25	µg/L	N/A	N/A	2/13/2006	WM2060213
Toluene	660		50	25	µg/L	N/A	N/A	2/13/2006	WM2060213
Ethyl Benzene	170		50	25	µg/L	N/A	N/A	2/13/2006	WM2060213
Xylenes, Total	910		50	25	µg/L	N/A	N/A	2/13/2006	WM2060213
Methyl-t-butyl Ether	ND		50	50	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Butyl Ethyl Ether	ND		50	250	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Butanol (TBA)	ND		50	500	µg/L	N/A	N/A	2/13/2006	WM2060213
Diisopropyl Ether	380		50	250	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Amyl Methyl Ether	ND		50	250	µg/L	N/A	N/A	2/13/2006	WM2060213
1,2-Dichloroethane	ND		50	25	µg/L	N/A	N/A	2/13/2006	WM2060213
1,2-Dibromoethane (EDB)	ND		50	25	µg/L	N/A	N/A	2/13/2006	WM2060213
Ethanol	ND		50	5000	µg/L	N/A	N/A	2/13/2006	WM2060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	93.3	60 - 130
Dibromofluoromethane	86.5	60 - 130
Toluene-d8	95.4	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

EPA 5030C GC-MS **TPH as Gasoline - GC-MS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	23000		50	1200	µg/L	N/A	N/A	2/13/2006	WM2060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	92.0	60 - 130
Dibromofluoromethane	82.7	60 - 130
Toluene-d8	95.4	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

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Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

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Lab # : 47795-025 **Sample ID: B4-W** **Matrix:** Liquid **Sample Date:** 2/8/2006 10:55 AM

EPA 5030C EPA 8260B EPA 624 **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	320		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
Toluene	13		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
Ethyl Benzene	200		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
Xylenes, Total	180		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
Methyl-t-butyl Ether	ND		20	20	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Butyl Ethyl Ether	ND		20	100	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Butanol (TBA)	ND		20	200	µg/L	N/A	N/A	2/13/2006	WM2060213
Diisopropyl Ether	1300		20	100	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Amyl Methyl Ether	ND		20	100	µg/L	N/A	N/A	2/13/2006	WM2060213
1,2-Dichloroethane	12		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
1,2-Dibromoethane (EDB)	ND		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
Ethanol	ND		20	2000	µg/L	N/A	N/A	2/13/2006	WM2060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	86.6	60 - 130
Dibromofluoromethane	78.7	60 - 130
Toluene-d8	87.9	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

EPA 5030C GC-MS **TPH as Gasoline - GC-MS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	9700		20	500	µg/L	N/A	N/A	2/13/2006	WM2060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	85.4	60 - 130
Dibromofluoromethane	75.2	60 - 130
Toluene-d8	87.9	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
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ND = Not Detected at or above the Detection Limit.
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Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

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Lab # : 47795-026 **Sample ID: B5-W** **Matrix:** Liquid **Sample Date:** 2/8/2006 11:05 AM

EPA 5030C EPA 8260B EPA 624 **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	150		10	5.0	µg/L	N/A	N/A	2/13/2006	WM2060213
Toluene	11		10	5.0	µg/L	N/A	N/A	2/13/2006	WM2060213
Ethyl Benzene	210		10	5.0	µg/L	N/A	N/A	2/13/2006	WM2060213
Xylenes, Total	190		10	5.0	µg/L	N/A	N/A	2/13/2006	WM2060213
Methyl-t-butyl Ether	ND		10	10	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Butyl Ethyl Ether	ND		10	50	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Butanol (TBA)	ND		10	100	µg/L	N/A	N/A	2/13/2006	WM2060213
Diisopropyl Ether	ND		10	50	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Amyl Methyl Ether	ND		10	50	µg/L	N/A	N/A	2/13/2006	WM2060213
1,2-Dichloroethane	ND		10	5.0	µg/L	N/A	N/A	2/13/2006	WM2060213
1,2-Dibromoethane (EDB)	ND		10	5.0	µg/L	N/A	N/A	2/13/2006	WM2060213
Ethanol	ND		10	1000	µg/L	N/A	N/A	2/13/2006	WM2060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	90.2	60 - 130
Dibromofluoromethane	86.9	60 - 130
Toluene-d8	93.1	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

EPA 5030C GC-MS **TPH as Gasoline - GC-MS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	10000		10	250	µg/L	N/A	N/A	2/13/2006	WM2060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	88.9	60 - 130
Dibromofluoromethane	83.0	60 - 130
Toluene-d8	93.2	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
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Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

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Lab # : 47795-027 **Sample ID: B7-W** **Matrix:** Liquid **Sample Date:** 2/8/2006 11:20 AM

EPA 5030C EPA 8260B EPA 624 **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	2200		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
Toluene	300		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
Ethyl Benzene	240		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
Xylenes, Total	830		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
Methyl-t-butyl Ether	ND		20	20	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Butyl Ethyl Ether	ND		20	100	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Butanol (TBA)	ND		20	200	µg/L	N/A	N/A	2/13/2006	WM2060213
Diisopropyl Ether	ND		20	100	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Amyl Methyl Ether	ND		20	100	µg/L	N/A	N/A	2/13/2006	WM2060213
1,2-Dichloroethane	53		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
1,2-Dibromoethane (EDB)	ND		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
Ethanol	ND		20	2000	µg/L	N/A	N/A	2/13/2006	WM2060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.6	60 - 130
Dibromofluoromethane	90.2	60 - 130
Toluene-d8	96.3	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

EPA 5030C GC-MS **TPH as Gasoline - GC-MS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	8000		20	500	µg/L	N/A	N/A	2/13/2006	WM2060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	94.3	60 - 130
Dibromofluoromethane	86.2	60 - 130
Toluene-d8	96.3	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Attn: Brent Wheeler

Samples Received: 02/09/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Sample Collected by: client

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Lab # : 47795-028 **Sample ID: B8-W** **Matrix:** Liquid **Sample Date:** 2/8/2006 11:30 AM

EPA 5030C EPA 8260B EPA 624 **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	330		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
Toluene	53		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
Ethyl Benzene	440		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
Xylenes, Total	1200		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
Methyl-t-butyl Ether	ND		20	20	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Butyl Ethyl Ether	ND		20	100	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Butanol (TBA)	ND		20	200	µg/L	N/A	N/A	2/13/2006	WM2060213
Diisopropyl Ether	ND		20	100	µg/L	N/A	N/A	2/13/2006	WM2060213
tert-Amyl Methyl Ether	ND		20	100	µg/L	N/A	N/A	2/13/2006	WM2060213
1,2-Dichloroethane	11		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
1,2-Dibromoethane (EDB)	ND		20	10	µg/L	N/A	N/A	2/13/2006	WM2060213
Ethanol	ND		20	2000	µg/L	N/A	N/A	2/13/2006	WM2060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	91.9	60 - 130
Dibromofluoromethane	89.4	60 - 130
Toluene-d8	96.1	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

EPA 5030C GC-MS **TPH as Gasoline - GC-MS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	18000		20	500	µg/L	N/A	N/A	2/13/2006	WM2060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	90.6	60 - 130
Dibromofluoromethane	85.4	60 - 130
Toluene-d8	96.1	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Solid - EPA 8015 MOD. (Extractable) - TPH-Extractable

QC/Prep Batch ID: SD060210A

Validated by: dba - 02/13/06

QC/Prep Date: 2/10/2006

Parameter	Result	DF	PQLR	Units
TPH as Diesel	ND	1	2.5	mg/Kg

Surrogate for Blank	% Recovery	Control Limits
o-Terphenyl	**67.5**	41 - 137

Laboratory Control Sample / Duplicate - Solid - EPA 8015 MOD. (Extractable) - TPH-Extractable

QC/Prep Batch ID: SD060210A

Reviewed by: dba - 02/13/06

QC/Prep Date: 2/10/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<2.5	50	33.1	mg/Kg	66.2	45 - 140
TPH as Motor Oil	<10	50	35.4	mg/Kg	70.8	45 - 140

Surrogate	% Recovery	Control Limits
o-Terphenyl	**69.1**	41 - 137

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<2.5	50	29.6	mg/Kg	59.2	**11**	30.0	45 - 140
TPH as Motor Oil	<10	50	33.8	mg/Kg	67.6	**4.6**	30.0	45 - 140

Surrogate	% Recovery	Control Limits
o-Terphenyl	**63.8**	41 - 137

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - EPA 8015 MOD. (Extractable) - TPH-Extractable

QC/Prep Batch ID: WD060210A

Validated by: dba - 02/10/06

QC/Prep Date: 2/10/2006

Parameter	Result	DF	PQLR	Units
TPH as Diesel	ND	1	50	µg/L

Surrogate for Blank	% Recovery	Control Limits
o-Terphenyl	**48.5**	22 - 133

Laboratory Control Sample / Duplicate - Liquid - EPA 8015 MOD. (Extractable) - TPH-Extractable

QC/Prep Batch ID: WD060210A

Reviewed by: dba - 02/10/06

QC/Prep Date: 2/10/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<50	1000	575	µg/L	57.5	40 - 138
TPH as Motor Oil	<200	1000	912	µg/L	91.2	40 - 138

Surrogate	% Recovery	Control Limits
o-Terphenyl	**71.5**	22 - 133

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<50	1000	528	µg/L	52.8	**8.4**	25.0	40 - 138
TPH as Motor Oil	<200	1000	824	µg/L	82.4	**10**	25.0	40 - 138

Surrogate	% Recovery	Control Limits
o-Terphenyl	**69.5**	22 - 133

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Laboratory Control Sample / Duplicate - Solid - EPA 6010B - Metals

QC/Prep Batch ID: SM060210

Reviewed by: hdinh - 02/13/06

QC/Prep Date: 2/10/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Antimony	<1.0	50	49.2	mg/Kg	98.5	75 - 125
Arsenic	<1.0	50	48.1	mg/Kg	96.1	75 - 125
Barium	<1.0	50	51.1	mg/Kg	102	75 - 125
Beryllium	<1.0	50	49.2	mg/Kg	98.4	75 - 125
Cadmium	<1.0	50	45.6	mg/Kg	91.1	75 - 125
Chromium	<1.0	50	49.8	mg/Kg	99.6	75 - 125
Cobalt	<1.0	50	50.3	mg/Kg	101	75 - 125
Copper	<1.0	50	50.4	mg/Kg	101	75 - 125
Lead	<1.0	50	49.4	mg/Kg	98.8	75 - 125
Molybdenum	<1.0	50	51.5	mg/Kg	103	75 - 125
Nickel	<1.0	50	48.8	mg/Kg	97.7	75 - 125
Selenium	<2.0	50	42.4	mg/Kg	84.7	75 - 125
Silver	<1.0	50	49.0	mg/Kg	98.0	75 - 125
Thallium	<2.0	50	45.9	mg/Kg	91.9	75 - 125
Vanadium	<1.0	50	50.1	mg/Kg	100	75 - 125
Zinc	<2.0	50	46.9	mg/Kg	93.8	75 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Antimony	<1.0	50	49.3	mg/Kg	98.6	**0.081**	25.0	75 - 125
Arsenic	<1.0	50	47.9	mg/Kg	95.8	**0.38**	25.0	75 - 125
Barium	<1.0	50	50.0	mg/Kg	100	**2.2**	25.0	75 - 125
Beryllium	<1.0	50	47.8	mg/Kg	95.5	**3.0**	25.0	75 - 125
Cadmium	<1.0	50	45.4	mg/Kg	90.9	**0.24**	25.0	75 - 125
Chromium	<1.0	50	50.1	mg/Kg	100	**0.60**	25.0	75 - 125
Cobalt	<1.0	50	50.2	mg/Kg	100	**0.20**	25.0	75 - 125
Copper	<1.0	50	49.8	mg/Kg	99.6	**1.2**	25.0	75 - 125
Lead	<1.0	50	49.8	mg/Kg	99.5	**0.77**	25.0	75 - 125
Molybdenum	<1.0	50	51.2	mg/Kg	102	**0.53**	25.0	75 - 125
Nickel	<1.0	50	48.8	mg/Kg	97.5	**0.12**	25.0	75 - 125
Selenium	<2.0	50	42.7	mg/Kg	85.4	**0.80**	25.0	75 - 125
Silver	<1.0	50	49.0	mg/Kg	97.9	**0.10**	25.0	75 - 125
Thallium	<2.0	50	45.8	mg/Kg	91.5	**0.41**	25.0	75 - 125
Vanadium	<1.0	50	50.1	mg/Kg	100	**0.12**	25.0	75 - 125
Zinc	<2.0	50	47.1	mg/Kg	94.2	**0.34**	25.0	75 - 125

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Solid - EPA 8260B - 8260Petroleum

QC/Prep Batch ID: PM060209P

Validated by: MaiChiTu - 02/10/06

QC/Prep Date: 2/9/2006

Parameter	Result	DF	PQLR	Units
1,2-Dibromoethane (EDB)	ND	50	250	µg/Kg
1,2-Dichloroethane	ND	50	250	µg/Kg
Benzene	ND	50	250	µg/Kg
Diisopropyl Ether	ND	50	250	µg/Kg
Ethanol	ND	50	10000	µg/Kg
Ethyl Benzene	ND	50	250	µg/Kg
Methyl-t-butyl Ether	ND	50	250	µg/Kg
tert-Amyl Methyl Ether	ND	50	250	µg/Kg
tert-Butanol (TBA)	ND	50	2000	µg/Kg
tert-Butyl Ethyl Ether	ND	50	250	µg/Kg
Toluene	ND	50	250	µg/Kg
Xylenes, Total	ND	50	500	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**76.8**	60 - 130
Dibromofluoromethane	**79.3**	60 - 130
Toluene-d8	**76.9**	60 - 130

Laboratory Control Sample / Duplicate - Solid - EPA 8260B - 8260Petroleum

QC/Prep Batch ID: PM060209P

Reviewed by: MaiChiTu - 02/10/06

QC/Prep Date: 2/9/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<5.0	2000	2310	µg/Kg	116	70 - 135
Benzene	<5.0	2000	2340	µg/Kg	117	70 - 135
Chlorobenzene	<5.0	2000	2120	µg/Kg	106	70 - 135
Methyl-t-butyl Ether	<5.0	2000	1720	µg/Kg	86.0	70 - 135
Toluene	<5.0	2000	2140	µg/Kg	107	70 - 135
Trichloroethene	<5.0	2000	2260	µg/Kg	113	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**79.2**	60 - 130
Dibromofluoromethane	**89.2**	60 - 130
Toluene-d8	**81.3**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<5.0	2000	2150	µg/Kg	108	**7.2**	30.0	70 - 135
Benzene	<5.0	2000	2040	µg/Kg	102	**14**	30.0	70 - 135
Chlorobenzene	<5.0	2000	1930	µg/Kg	96.5	**9.4**	30.0	70 - 135
Methyl-t-butyl Ether	<5.0	2000	1780	µg/Kg	89.0	**3.4**	30.0	70 - 135
Toluene	<5.0	2000	1880	µg/Kg	94.0	**13**	30.0	70 - 135
Trichloroethene	<5.0	2000	1980	µg/Kg	99.0	**13**	30.0	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**73.9**	60 - 130
Dibromofluoromethane	**94.0**	60 - 130
Toluene-d8	**76.4**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Solid - EPA 8260B - 8260Petroleum

QC Batch ID: SM3060213

Validated by: MaiChiTu - 02/14/06

QC Batch Analysis Date: 2/13/2006

Parameter	Result	DF	PQLR	Units
1,2-Dibromoethane (EDB)	ND	1	5.0	µg/Kg
1,2-Dichloroethane	ND	1	5.0	µg/Kg
Benzene	ND	1	5.0	µg/Kg
Diisopropyl Ether	ND	1	5.0	µg/Kg
Ethanol	ND	1	200	µg/Kg
Ethyl Benzene	ND	1	5.0	µg/Kg
Methyl-t-butyl Ether	ND	1	5.0	µg/Kg
tert-Amyl Methyl Ether	ND	1	5.0	µg/Kg
tert-Butanol (TBA)	ND	1	40	µg/Kg
tert-Butyl Ethyl Ether	ND	1	5.0	µg/Kg
Toluene	ND	1	5.0	µg/Kg
Xylenes, Total	ND	1	10	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**74.9**	60 - 130
Dibromofluoromethane	**80.6**	60 - 130
Toluene-d8	**77.1**	60 - 130

Laboratory Control Sample / Duplicate - Solid - EPA 8260B - 8260Petroleum

QC Batch ID: SM3060213

Reviewed by: MaiChiTu - 02/14/06

QC Batch ID Analysis Date: 2/13/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<5.0	40	43.4	µg/Kg	108	70 - 135
Benzene	<5.0	40	45.2	µg/Kg	113	70 - 135
Chlorobenzene	<5.0	40	44.7	µg/Kg	112	70 - 135
Methyl-t-butyl Ether	<5.0	40	33.3	µg/Kg	83.2	70 - 135
Toluene	<5.0	40	44.5	µg/Kg	111	70 - 135
Trichloroethene	<5.0	40	45.9	µg/Kg	115	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**77.9**	60 - 130
Dibromofluoromethane	**81.0**	60 - 130
Toluene-d8	**79.7**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<5.0	40	37.8	µg/Kg	94.5	**14**	30.0	70 - 135
Benzene	<5.0	40	41.5	µg/Kg	104	**8.5**	30.0	70 - 135
Chlorobenzene	<5.0	40	39.5	µg/Kg	98.8	**12**	30.0	70 - 135
Methyl-t-butyl Ether	<5.0	40	29.8	µg/Kg	74.5	**11**	30.0	70 - 135
Toluene	<5.0	40	39.0	µg/Kg	97.5	**13**	30.0	70 - 135
Trichloroethene	<5.0	40	42.2	µg/Kg	106	**8.4**	30.0	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**72.0**	60 - 130
Dibromofluoromethane	**77.3**	60 - 130
Toluene-d8	**77.9**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Matrix Spike / Matrix Spike Duplicate - Solid - EPA 8260B - 8260Petroleum

QC Batch ID: SM3060213

Reviewed by: MaiChiTu - 02/14/06

QC Batch ID Analysis Date: 2/13/2006

MS Sample Spiked: 47795-013

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
Benzene	ND	40	44.5	µg/Kg	2/13/2006	111	65 - 135
Methyl-t-butyl Ether	ND	40	34.9	µg/Kg	2/13/2006	87.2	65 - 135
Toluene	ND	40	43.4	µg/Kg	2/13/2006	108	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**75.9**	60 - 130
Dibromofluoromethane	**81.4**	60 - 130
Toluene-d8	**78.4**	60 - 130

MSD Sample Spiked: 47795-013

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	ND	40	43.0	µg/Kg	2/13/2006	108	3.4	30.0	65 - 135
Methyl-t-butyl Ether	ND	40	34.6	µg/Kg	2/13/2006	86.5	0.86	30.0	65 - 135
Toluene	ND	40	40.1	µg/Kg	2/13/2006	100	7.9	30.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**71.1**	60 - 130
Dibromofluoromethane	**81.3**	60 - 130
Toluene-d8	**76.0**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Solid - EPA 8260B - 8260Petroleum

QC Batch ID: SM3060214

Validated by: MaiChiTu - 02/15/06

QC Batch Analysis Date: 2/14/2006

Parameter	Result	DF	PQLR	Units
1,2-Dibromoethane (EDB)	ND	1	5.0	µg/Kg
1,2-Dichloroethane	ND	1	5.0	µg/Kg
Benzene	ND	1	5.0	µg/Kg
Diisopropyl Ether	ND	1	5.0	µg/Kg
Ethanol	ND	1	200	µg/Kg
Ethyl Benzene	ND	1	5.0	µg/Kg
Methyl-t-butyl Ether	ND	1	5.0	µg/Kg
tert-Amyl Methyl Ether	ND	1	5.0	µg/Kg
tert-Butanol (TBA)	ND	1	40	µg/Kg
tert-Butyl Ethyl Ether	ND	1	5.0	µg/Kg
Toluene	ND	1	5.0	µg/Kg
Xylenes, Total	ND	1	10	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**73.5**	60 - 130
Dibromofluoromethane	**77.8**	60 - 130
Toluene-d8	**73.5**	60 - 130

Laboratory Control Sample / Duplicate - Solid - EPA 8260B - 8260Petroleum

QC Batch ID: SM3060214

Reviewed by: MaiChiTu - 02/15/06

QC Batch ID Analysis Date: 2/14/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<5.0	40	35.4	µg/Kg	88.5	70 - 135
Benzene	<5.0	40	38.5	µg/Kg	96.2	70 - 135
Chlorobenzene	<5.0	40	35.9	µg/Kg	89.8	70 - 135
Methyl-t-butyl Ether	<5.0	40	28.8	µg/Kg	72.0	70 - 135
Toluene	<5.0	40	35.7	µg/Kg	89.2	70 - 135
Trichloroethene	<5.0	40	39.2	µg/Kg	98.0	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**71.1**	60 - 130
Dibromofluoromethane	**78.7**	60 - 130
Toluene-d8	**75.7**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<5.0	40	38.3	µg/Kg	95.8	**7.9**	30.0	70 - 135
Benzene	<5.0	40	39.8	µg/Kg	99.5	**3.3**	30.0	70 - 135
Chlorobenzene	<5.0	40	38.2	µg/Kg	95.5	**6.2**	30.0	70 - 135
Methyl-t-butyl Ether	<5.0	40	30.3	µg/Kg	75.8	**5.1**	30.0	70 - 135
Toluene	<5.0	40	38.2	µg/Kg	95.5	**6.8**	30.0	70 - 135
Trichloroethene	<5.0	40	40.6	µg/Kg	102	**3.5**	30.0	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**75.9**	60 - 130
Dibromofluoromethane	**80.6**	60 - 130
Toluene-d8	**77.7**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - EPA 8260B - 8260Petroleum

QC Batch ID: WM2060214

Validated by: MaiChiTu - 02/15/06

QC Batch Analysis Date: 2/14/2006

Parameter	Result	DF	PQLR	Units
1,2-Dibromoethane (EDB)	ND	1	0.50	µg/L
1,2-Dichloroethane	ND	1	0.50	µg/L
Benzene	ND	1	0.50	µg/L
Diisopropyl Ether	ND	1	5.0	µg/L
Ethanol	ND	1	100	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Methyl-t-butyl Ether	ND	1	1.0	µg/L
tert-Amyl Methyl Ether	ND	1	5.0	µg/L
tert-Butanol (TBA)	ND	1	10	µg/L
tert-Butyl Ethyl Ether	ND	1	5.0	µg/L
Toluene	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**91.5**	60 - 130
Dibromofluoromethane	**88.7**	60 - 130
Toluene-d8	**92.1**	60 - 130

Laboratory Control Sample / Duplicate - Liquid - EPA 8260B - 8260Petroleum

QC Batch ID: WM2060214

Reviewed by: MaiChiTu - 02/15/06

QC Batch ID Analysis Date: 2/14/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	17.5	µg/L	87.4	70 - 130
Benzene	<0.50	20	21.6	µg/L	108	70 - 130
Chlorobenzene	<0.50	20	22.1	µg/L	111	70 - 130
Methyl-t-butyl Ether	<1.0	20	15.6	µg/L	77.8	70 - 130
Toluene	<0.50	20	21.1	µg/L	106	70 - 130
Trichloroethene	<0.50	20	22.9	µg/L	114	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**91.8**	60 - 130
Dibromofluoromethane	**88.4**	60 - 130
Toluene-d8	**91.8**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.50	20	17.8	µg/L	89.2	**1.9**	25.0	70 - 130
Benzene	<0.50	20	21.9	µg/L	109	**1.3**	25.0	70 - 130
Chlorobenzene	<0.50	20	22.0	µg/L	110	**0.39**	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	15.9	µg/L	79.3	**1.9**	25.0	70 - 130
Toluene	<0.50	20	21.4	µg/L	107	**1.5**	25.0	70 - 130
Trichloroethene	<0.50	20	22.9	µg/L	114	**0.044**	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**95.4**	60 - 130
Dibromofluoromethane	**89.7**	60 - 130
Toluene-d8	**92.3**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Matrix Spike / Matrix Spike Duplicate - Liquid - EPA 8260B - 8260Petroleum

QC Batch ID: WM2060214

Reviewed by: MaiChiTu - 02/15/06

QC Batch ID Analysis Date: 2/14/2006

MS Sample Spiked: 47775-004

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
Benzene	ND	20	20.3	µg/L	2/14/2006	102	70 - 130
Methyl-t-butyl Ether	ND	20	16.1	µg/L	2/14/2006	80.4	70 - 130
Toluene	ND	20	19.2	µg/L	2/14/2006	96.1	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**90.5**	60 - 130
Dibromofluoromethane	**91.7**	60 - 130
Toluene-d8	**88.2**	60 - 130

MSD Sample Spiked: 47775-004

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	ND	20	21.3	µg/L	2/14/2006	107	4.8	25.0	70 - 130
Methyl-t-butyl Ether	ND	20	16.1	µg/L	2/14/2006	80.6	0.32	25.0	70 - 130
Toluene	ND	20	20.2	µg/L	2/14/2006	101	4.9	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**92.6**	60 - 130
Dibromofluoromethane	**91.6**	60 - 130
Toluene-d8	**90.4**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Solid - GC-MS - TPH as Gasoline - GCMS

QC/Prep Batch ID: PM060209P

Validated by: MaiChiTu - 02/10/06

QC/Prep Date: 2/9/2006

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	50	2500	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**70.0**	60 - 130
Dibromofluoromethane	**85.5**	60 - 130
Toluene-d8	**71.9**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Solid - GC-MS - TPH as Gasoline - GCMS

QC Batch ID: SM3060213

Validated by: MaiChiTu - 02/14/06

QC Batch Analysis Date: 2/13/2006

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	50	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**69.6**	60 - 130
Dibromofluoromethane	**84.5**	60 - 130
Toluene-d8	**73.4**	60 - 130

Laboratory Control Sample / Duplicate - Solid - GC-MS - TPH as Gasoline - GCMS

QC Batch ID: SM3060213

Reviewed by: MaiChiTu - 02/14/06

QC Batch ID Analysis Date: 2/13/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<50	250	290	µg/Kg	116	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**67.8**	60 - 130
Dibromofluoromethane	**83.8**	60 - 130
Toluene-d8	**73.5**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<50	250	255	µg/Kg	102	**13**	30.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**68.1**	60 - 130
Dibromofluoromethane	**78.3**	60 - 130
Toluene-d8	**72.0**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Solid - GC-MS - TPH as Gasoline - GCMS

QC Batch ID: SM3060214

Validated by: MaiChiTu - 02/15/06

QC Batch Analysis Date: 2/14/2006

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	50	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**69.8**	60 - 130
Dibromofluoromethane	**82.1**	60 - 130
Toluene-d8	**73.9**	60 - 130

Laboratory Control Sample / Duplicate - Solid - GC-MS - TPH as Gasoline - GCMS

QC Batch ID: SM3060214

Reviewed by: MaiChiTu - 02/15/06

QC Batch ID Analysis Date: 2/14/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<50	250	262	µg/Kg	105	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**68.3**	60 - 130
Dibromofluoromethane	**84.9**	60 - 130
Toluene-d8	**73.8**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<50	250	253	µg/Kg	101	**3.5**	30.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**68.6**	60 - 130
Dibromofluoromethane	**81.8**	60 - 130
Toluene-d8	**73.4**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - GC-MS - TPH as Gasoline - GC-MS

QC Batch ID: WM2060213

Validated by: MaiChiTu - 02/16/06

QC Batch Analysis Date: 2/13/2006

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	25	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**86.1**	60 - 130
Dibromofluoromethane	**81.4**	60 - 130
Toluene-d8	**97.7**	60 - 130

Laboratory Control Sample / Duplicate - Liquid - GC-MS - TPH as Gasoline - GC-MS

QC Batch ID: WM2060213

Reviewed by: MaiChiTu - 02/16/06

QC Batch ID Analysis Date: 2/13/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<25	250	232	µg/L	92.8	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**86.8**	60 - 130
Dibromofluoromethane	**80.3**	60 - 130
Toluene-d8	**95.4**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	250	235	µg/L	94.0	**1.2**	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**88.4**	60 - 130
Dibromofluoromethane	**81.1**	60 - 130
Toluene-d8	**97.2**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - GC-MS - TPH as Gasoline - GC-MS

QC Batch ID: WM2060214

Validated by: MaiChiTu - 02/15/06

QC Batch Analysis Date: 2/14/2006

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	25	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**90.1**	60 - 130
Dibromofluoromethane	**84.8**	60 - 130
Toluene-d8	**92.2**	60 - 130

Laboratory Control Sample / Duplicate - Liquid - GC-MS - TPH as Gasoline - GC-MS

QC Batch ID: WM2060214

Reviewed by: MaiChiTu - 02/15/06

QC Batch ID Analysis Date: 2/14/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<25	250	235	µg/L	93.9	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**90.9**	60 - 130
Dibromofluoromethane	**83.2**	60 - 130
Toluene-d8	**95.0**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	250	239	µg/L	95.5	**1.6**	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**88.2**	60 - 130
Dibromofluoromethane	**81.9**	60 - 130
Toluene-d8	**95.9**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court (408) 588-0200
Santa Clara, CA 95054 (408) 588-0201 - Fax

Chain of Custody / Analysis Request

Attention to: BRENT WHEELER	Phone No.: 415.512.1555	Purchase Order No.:	Invoice to: (If Different)	Phone:
Company Name: GGTR	Fax No.: 415.512.0964	Project No.: 8679	Company:	Quote No.:
Mailing Address: 255 SHIPLEY ST	Email Address: data@ggtr.com	Project Name: FORMER EXXON STATION	Billing Address: (If Different)	
City: S.F.	State: CA / Zip Code: 94107	Project Location: 5175 BROADWAY	City: OAKLAND / State: CA / Zip:	

Sampler: GW | Field Org. Code:

Global ID: T0600100882

Turn Around Time
- ☐ Same Day ☐ 1 Day
- ☐ 2 Day ☐ 3 Day
- ☑ 4 Day ☐ 5 Day
- ☐ 10 Day

Order ID:

Client ID / Field Point	Lab. No.	Sample Date	Sample Time	Matrix	No. of Containers	GC/MS Methods: EPA 8260B	BTEX ✗ MTBE ✗ TPH Gas ✗ by 8260B	5 Oxygenates (MTBE, TBA, ETBA, DIPE, TAME) ✗ Ethanol ✗ Lead Scavengers (1,2-DCA & EDB) ✗	Base/Neutral/Acid Organics 8270C ☐ PAH - 8270C SIM ☐	TPH Extractable: Diesel ✗ Motor Oil ☐ Other ☐ w/ Si-Gel Cleanup ☐	Pesticides-8081 ☐ PCBs - 8082 ☐	TPH as Gas/BTEX ☐ MTBE ☐ by 8015M/8020	Methanol by 8015M	General Chemistry: Anions: F ☐ Cl ☐ Br ☐ SO4 ☐ NO3 ☐ NO2 ☐ PO4 ☐	pH ☐ TSS ☐ SC ☐ TOC ☐ TRPH ☐ O & G ☐	Metals - Circle Below Total ✓ Dissolved ☐ STLC ☐ TCLP ☐	Remarks
B6-W	H1795-001	2/6/06	1140	W	3		X	X										3 VOAS
B14-W	002		0930	W	3		X	X										3 VOAS
B10-W	003		1510	W	3		X	X										3 VOAS
~~B13-W~~			~~1230~~	~~W~~	~~1~~													~~1 LITER~~
B4-5 *	004		1440	S	1		X	X										BRASS TUBE
B4-9	005		1445	S	1		X	X										
~~B4-15~~			~~1500~~	~~S~~	~~1~~													
B3-5	006		1610	S	1		X	X										
B3-9	007		1615	S	1		X	X			X							
B3-15	008		1624	S	1	HOLD												
B5-5	009		1337	S	1		X	X										
B5-9	010		[illegible]	S	1		X	X			X					X		
B6-5	011		[illegible]	S	1		X	X										

Relinquished by:	Received by:	Date:	Time:
		2/9/06	0915
Relinquished by:	Received by:	Date:	Time:
		2/9/06	1720
Relinquished by:	Received by:	Date:	Time:

Special Instructions or Comments

*PLEASE RETURN SAMPLE B4-5 TO GGTR FOLLOWING ANALYSES; NO REFRIGERATION NEEDED.

Temp 7°C

Metals:
Al, As, Sb, Ba, Be, Bi, B, Cd, Ce, Ca, Cr, Co, Cs, Cu, Fe, Pb, Mg, Mn, Ga, Ge, Hg, In, Li, Mo, Ni, P, K, Si, Ag, Na, S, Se, Sr, Ta, Te, Tl, Sn, Ti, Zn, V, W, Zr

- ☐ EDD Report
- ☑ EDF Report
- ☐ Plating
- ☒ LUFT-5
- ☐ RCRA-8
- ☐ PPM-13
- ☐ CAM-17

Rcd (3) VOAs each + Brass Tubes intact DLG

Entech Analytical Labs, Inc.

3334 Victor Court (408) 588-0200
Santa Clara, CA 95054 (408) 588-0201 - Fax

Chain of Custody / Analysis Request

PAGE 2 OF 2

Attention to: BRENT WHEELER	Phone No.: 415. 512.1555	Purchase Order No.:	Invoice to: (If Different)	Phone:	
Company Name: GGTR	Fax No.: 415. 512.0964	Project No.: 8679	Company:	Quote No.:	
Mailing Address: 255 SHIPLEY ST	Email Address: data@ggtr.com	Project Name: FORMER EXXON STATION	Billing Address: (If Different)		
City: SF	State: CA Zip Code: 94107	Project Location: 5175 BROADWAY	City: OAKLAND	State: CA	Zip:

Sampler: GW | Field Org. Code:

Global ID: T0600100882

Turn Around Time: ❑ Same Day ❑ 1 Day ❑ 2 Day ❑ 3 Day ☑ 4 Day ❑ 5 Day ❑ 10 Day

Order ID: / Client ID / Field Point	Lab. No.	Sample Date	Sample Time	Matrix	No. of Containers	GC/MS Methods: EPA 8260B; BTEX X; MTBE X; TPH Gas X by 8260B; 5 Oxygenates (MTBE, TBA, ETBA, DIPE, TAME) X; Lead Scavengers (1,2-DCA & EDB) X; Ethanol X; Base/Neutral/Acid Organics 8270C ❑ PAH - 8270C SIM ❑; TPH Extractable: Diesel X; Motor Oil ❑; Other ❑; Pesticides-8081 ❑; PCBs - 8082 ❑; TPH as Gas/BTEX ❑; MTBE ❑ by 8015M/8020; Methanol by 8015M	General Chemistry: Anions: F ❑ Cl ❑ Br ❑ SO4 ❑ NO3 ❑ NO2 ❑ PO4 ❑; pH ❑ TSS ❑ SC ❑ TOC ❑ TRPH ❑ O & G ❑; Metals - Circle Below ❑ STLC ❑ TCLP ❑; Total X Dissolved ❑	Remarks
B6-9	47795-012	2/6/06	1035	S	1	X X X	BRASS TUBE
B7-5	013		1300	S	1	X X	
B7-9	014		1305	S	1	X X X	
B7-15	015		1315	S	1	HOLD	
B8-5	016		1335	S	1	X X	
B8-9	017		1340	S	1	X X	
B8-15	018		1347	S	1	HOLD	
B9-5	019		1640	S	1	X X	
B9-9	020		1645	S	1	X X X	
B9-15	021		1654	S	1	HOLD	
B10-5 *	022		1215	S	1	X X	
B10-9	023		1220	S	1	X X	X
~~B10-15~~			1227	S	1		

	Received by:	Date:	Time:
Relinquished by:		2/9/06	0915
Relinquished by:	Received by:	Date:	Time:
	[signature]	2/9/06	1220
Relinquished by:	Received by:	Date:	Time:

Special Instructions or Comments

* PLEASE RETURN SAMPLE B10-5 TO GGTR FOLLOWING ANALYSES; NO REFRIGERATION NEEDED. Temp 7°

Metals:

Al, As, Sb, Ba, Be, Bi, B, Cd, Ce, Ca, Cr, Co, Cs, Cu, Fe, Pb, Mg, Mn, Ga, Ge, Hg, In, Li, Mo, Ni, P, K, Si, Ag, Na, S, Se, Sr, Ta, Te, Tl, Sn, Ti, Zn, V, W, Zr

❑ EDD Report ☑ EDF Report

❑ Plating ☒ LUFT-5 ❑ RCRA-8 ❑ PPM-13 ❑ CAM-17

6" Brass Tubes rcd intact DLS

Entech Analytical Labs, Inc.

3334 Victor Court (408) 588-0200
Santa Clara, CA 95054 (408) 588-0201 - Fax

Chain of Custody / Analysis Request

Attention to:	Phone No.:	Purchase Order No.:	Invoice to: (If Different)	Phone:
BRENT WHEELER	415.512.1555			
Company Name:	**Fax No.:**	**Project No.:**	**Company:**	**Quote No.:**
GGTR	8679	8679		
Mailing Address:	**Email Address:**	**Project Name:**	**Billing Address: (If Different)**	
255 SHIPLEY ST	data@ggtr.com	FORMER EXXON STATION		
City:	**State:**	**Zip Code:**	**Project Location:**	**City:**	**State:**	**Zip:**
SAN FRANCISCO	CA	94107	5175 BROADWAY	OAKLAND	CA	

Sampler: SO | Field Org. Code:

Global ID: T0600100882

Turn Around Time
- ☐ Same Day ☐ 1 Day
- ☐ 2 Day ☐ 3 Day
- ☑ 4 Day ☐ 5 Day
- ☐ 10 Day

Order ID:

Client ID / Field Point	Lab. No.	Sample Date	Sample Time	Matrix	No. of Containers	GC/MS Methods: EPA 8260B; BTEX ✱ MTBE ✱ TPH Gas ✱ by 8260B; 5 Oxygenates (MTBE, TBA, ETBA, DIPE, TAME) ✱ Ethanol ✱; Lead Scavengers (1,2-DCA & EDB) ✱; Base/Neutral/Acid Organics 8270C ☐ PAH - 8270C SIM ☐; GC Methods: TPH Extractable: Diesel ✱ Motor Oil ☐ Other ☐; w/ Si-Gel Cleanup ☐; Pesticides-8081 ☐ PCBs - 8082 ☐; TPH as Gas/BTEX ☐ MTBE ☐ by 8015M/8020; Methanol by 8015M; General Chemistry: Anions: F ☐ Cl ☐ Br ☐ SO4 ☐ NO3 ☐ NO2 ☐ PO4 ☐; pH ☐ TSS ☐ SC ☐ TOC ☐ TRPH ☐ O & G ☐; Metals - Circle Below Total ☐ Dissolved ☐ STLC ☐ TCLP ☐; Remarks
~~8679~~B3-W	HTH5-024	2/8/06	1045	W	4	X X X (1) Lufer 3 VOAs
~~8679~~B4-W	025		1055		3	X X 3 VOAs
~~8679~~B5-W	026		1105		3	X X
~~8679~~B7-W	027		1120		3	X X
~~8679~~B8-W	028	↓	1130	↓	3	X X ↓
						~~X X~~

Relinquished by:	Received by:	Date:	Time:
		2/9/06	0915
Relinquished by:	Received by:	Date:	Time:
		2/9/06	1220
Relinquished by:	Received by:	Date:	Time:

Special Instructions or Comments
Temp 7° C Sample IDs metrocore DLT

Metals:
Al, As, Sb, Ba, Be, Bi, B, Cd, Ce, Ca, Cr, Co, Cs, Cu, Fe, Pb, Mg, Mn, Ga, Ge, Hg, In, Li, Mo, Ni, P, K, Si, Ag, Na, S, Se, Sr, Ta, Te, Tl, Sn, Ti, Zn, V, W, Zr

- ☐ EDD Report
- ☑ EDF Report
- ☐ Plating
- ☐ LUFT-5
- ☐ RCRA-8
- ☐ PPM-13
- ☐ CAM-17

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Brent Wheeler
Golden Gate Tank Removal
255 Shipley Street
San Francisco, CA 94107

Lab Certificate Number: 47851
Issued: 02/22/2006

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA

Global ID: T0600100882

Certificate of Analysis - Final Report

On February 14, 2006, a sample was received under chain of custody for analysis.
Entech analyzes samples "as received" unless otherwise noted. The following results are included:

Matrix	Test	Comments
Liquid	Electronic Deliverables	
	EPA 8260B for Groundwater and Water - EPA 624 for Wastewater	
	TPH as Gasoline by GC/MS	

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346).
If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,

Erin Cunniffe
Operations Manager

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Golden Gate Tank Removal
255 Shipley Street
San Francisco, CA 94107
Attn: Brent Wheeler

Project Number: 8679
Project Name: Former Exxon Station
Project Location: 5175 Broadway/Oakland,CA
GlobalID: T0600100882

Certificate of Analysis - Data Report

Samples Received: 02/14/2006
Sample Collected by: client

Lab # : 47851-001 **Sample ID: B11-W** **Matrix:** Liquid **Sample Date:** 2/10/2006 10:30 AM

EPA 5030C EPA 8260B for Groundwater and Water EPA 624 for Wastewater **8260Petroleum**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	13000		200	100	µg/L	N/A	N/A	2/17/2006	WM2060217
Toluene	19000		200	100	µg/L	N/A	N/A	2/17/2006	WM2060217
Ethyl Benzene	960		200	100	µg/L	N/A	N/A	2/17/2006	WM2060217
Xylenes, Total	20000		200	100	µg/L	N/A	N/A	2/17/2006	WM2060217
Methyl-t-butyl Ether	ND		200	200	µg/L	N/A	N/A	2/17/2006	WM2060217
tert-Butyl Ethyl Ether	ND		200	1000	µg/L	N/A	N/A	2/17/2006	WM2060217
tert-Butanol (TBA)	ND		200	2000	µg/L	N/A	N/A	2/17/2006	WM2060217
Diisopropyl Ether	ND		200	1000	µg/L	N/A	N/A	2/17/2006	WM2060217
tert-Amyl Methyl Ether	ND		200	1000	µg/L	N/A	N/A	2/17/2006	WM2060217
1,2-Dichloroethane	150		200	100	µg/L	N/A	N/A	2/17/2006	WM2060217
1,2-Dibromoethane (EDB)	ND		200	100	µg/L	N/A	N/A	2/17/2006	WM2060217
Ethanol	ND		200	20000	µg/L	N/A	N/A	2/17/2006	WM2060217

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	105	60 - 130
Dibromofluoromethane	102	60 - 130
Toluene-d8	96.0	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

EPA 5030C GC-MS **TPH as Gasoline - GC-MS**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	230000		200	5000	µg/L	N/A	N/A	2/17/2006	WM2060217

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	101	60 - 130
Dibromofluoromethane	97.6	60 - 130
Toluene-d8	96.1	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - EPA 8260B - 8260Petroleum

QC Batch ID: WM2060217

Validated by: MaiChiTu - 02/22/06

QC Batch Analysis Date: 2/17/2006

Parameter	Result	DF	PQLR	Units
1,2-Dibromoethane (EDB)	ND	1	0.50	µg/L
1,2-Dichloroethane	ND	1	0.50	µg/L
Benzene	ND	1	0.50	µg/L
Diisopropyl Ether	ND	1	5.0	µg/L
Ethanol	ND	1	100	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Methyl-t-butyl Ether	ND	1	1.0	µg/L
tert-Amyl Methyl Ether	ND	1	5.0	µg/L
tert-Butanol (TBA)	ND	1	10	µg/L
tert-Butyl Ethyl Ether	ND	1	5.0	µg/L
Toluene	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**102**	60 - 130
Dibromofluoromethane	**95.2**	60 - 130
Toluene-d8	**99.3**	60 - 130

Laboratory Control Sample / Duplicate - Liquid - EPA 8260B - 8260Petroleum

QC Batch ID: WM2060217

Reviewed by: MaiChiTu - 02/22/06

QC Batch ID Analysis Date: 2/17/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	20.3	µg/L	102	70 - 130
Benzene	<0.50	20	20.7	µg/L	104	70 - 130
Chlorobenzene	<0.50	20	18.9	µg/L	94.6	70 - 130
Methyl-t-butyl Ether	<1.0	20	24.2	µg/L	121	70 - 130
Toluene	<0.50	20	18.9	µg/L	94.6	70 - 130
Trichloroethene	<0.50	20	20.5	µg/L	102	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**103.0**	60 - 130
Dibromofluoromethane	**104.0**	60 - 130
Toluene-d8	**94.2**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.50	20	20.6	µg/L	103	**1.5**	25.0	70 - 130
Benzene	<0.50	20	20.9	µg/L	105	**0.95**	25.0	70 - 130
Chlorobenzene	<0.50	20	19.2	µg/L	96.2	**1.7**	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	22.9	µg/L	114	**5.8**	25.0	70 - 130
Toluene	<0.50	20	19.5	µg/L	97.3	**2.8**	25.0	70 - 130
Trichloroethene	<0.50	20	21.0	µg/L	105	**2.3**	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**99.5**	60 - 130
Dibromofluoromethane	**96.5**	60 - 130
Toluene-d8	**95.8**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - GC-MS - TPH as Gasoline - GC-MS

QC Batch ID: WM2060217

Validated by: MaiChiTu - 02/22/06

QC Batch Analysis Date: 2/17/2006

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	25	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**100**	60 - 130
Dibromofluoromethane	**91.0**	60 - 130
Toluene-d8	**99.3**	60 - 130

Laboratory Control Sample / Duplicate - Liquid - GC-MS - TPH as Gasoline - GC-MS

QC Batch ID: WM2060217

Reviewed by: MaiChiTu - 02/22/06

QC Batch ID Analysis Date: 2/17/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<25	250	272	µg/L	109	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**100.0**	60 - 130
Dibromofluoromethane	**93.4**	60 - 130
Toluene-d8	**97.3**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	250	279	µg/L	112	**2.6**	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**100.0**	60 - 130
Dibromofluoromethane	**92.1**	60 - 130
Toluene-d8	**97.3**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court (408) 588-0200
Santa Clara, CA 95054 (408) 588-0201 - Fax

Chain of Custody / Analysis Request

Attention to: BRENT WHEELER	Phone No.: 415.512.1555	Purchase Order No.:	Invoice to: (If Different)	Phone:	
Company Name: GGTR	Fax No.: 415.512.0964	Project No.: 8679	Company:	Quote No.:	
Mailing Address: 255 SHIPLEY ST	Email Address: data@ggtr.com	Project Name: FORMER EXXON STATION	Billing Address: (If Different)		
City: SAN FRANCISCO	State: CA	Zip Code: 94107	Project Location: 5175 BROADWAY	City: OAKLAND	State: CA	Zip:

Sampler: GW

Field Org. Code:

Global ID: T0600100882

Turn Around Time
- ❑ Same Day
- ❑ 1 Day
- ❑ 2 Day
- ❑ 3 Day
- ☑ 4 Day
- ❑ 5 Day
- ❑ 10 Day

Order ID: 47851

Client ID / Field Point	Lab. No.	Sample Date	Sample Time	Matrix	No. of Containers	GC/MS Methods: EPA 8260B	GC/MS Methods: BTEX X MTBE X TPH Gas X by 8260B	GC/MS Methods: 5 Oxygenates (MTBE, TBA, ETBA, DIPE, TAME) X Ethanol X	GC/MS Methods: Lead Scavengers (1,2-DCA & EDB) X	GC/MS Methods: Base/Neutral/Acid Organics 8270C ❑ PAH - 8270C SIM ❑	GC Methods: TPH Extractable: Diesel ❑ Motor Oil ❑ Other ❑	GC Methods: Pesticides-8081 ❑ PCBs - 8082 ❑	GC Methods: TPH as Gas/BTEX ❑ MTBE ❑ by 8015M/8020	GC Methods: Methanol by 8015M	General Chemistry: Anions: F ❑ Cl ❑ Br ❑ SO4 ❑ NO3 ❑ NO2 ❑ PO4 ❑	General Chemistry: pH ❑ TSS ❑ SC ❑ TOC ❑ TRPH ❑ O & G ❑	General Chemistry: Metals - Circle Below Total ❑ Dissolved ❑ STLC ❑ TCLP ❑	Remarks
B11 - W	47851-001	02/10/06	1030	W	3		X	X										3 VOAs

4 DAY TAT

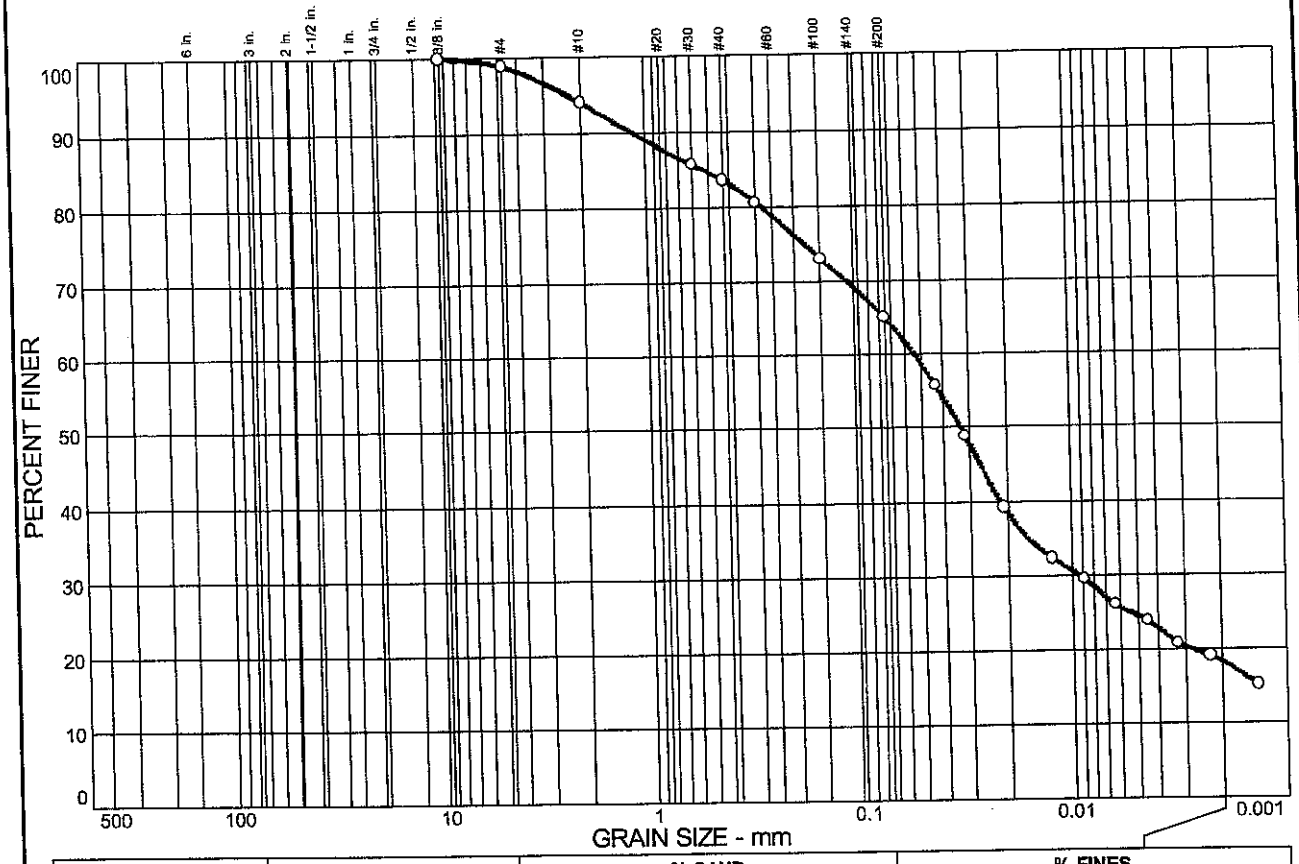
Relinquished by:	Received by:	Date:	Time:
		2/14/06	0960
Relinquished by:	Received by:	Date:	Time:
		2/14/06	1120
Relinquished by:	Received by:	Date:	Time:

Special Instructions or Comments

- ❑ EDD Report
- ☑ EDF Report
- ❑ Plating
- ❑ LUFT-5
- ❑ RCRA-8
- ❑ PPM-13
- ❑ CAM-17

Metals:
Al, As, Sb, Ba, Be, Bi, B, Cd, Ce, Ca, Cr, Co, Cs, Cu, Fe, Pb, Mg, Mn,
Ga, Ge, Hg, In, Li, Mo, Ni, P, K, Si, Ag, Na, S, Se, Sr, Ta, Te, Tl, Sn, Ti, Zn, V, W, Zr

PARTICLE SIZE DISTRIBUTION TEST REPORT



% + 3"	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0.0	0.0	1.1	4.8	10.6	18.4	46.8	18.3

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3/8 in.	100.0		
#4	98.9		
#10	94.1		
#30	85.6		
#40	83.5		
#50	80.6		
#100	73.1		
#200	65.1		
0.0435 mm.	55.8		
0.0318 mm.	48.9		
0.0209 mm.	39.2		
0.0124 mm.	32.3		
0.0089 mm.	29.6		
0.0063 mm.	26.1		
0.0045 mm.	23.9		
0.0032 mm.	20.9		
0.0023 mm.	19.1		
0.0014 mm.	15.3		

* (no specification provided)

Soil Description

Brown Sandy CLAY (Silty)

Atterberg Limits

PL= LL= PI=

Coefficients

D_{85}= 0.542 D_{60}= 0.0544 D_{50}= 0.0333
D_{30}= 0.0092 D_{15}= D_{10}=
C_u= C_c=

Classification

USCS= AASHTO=

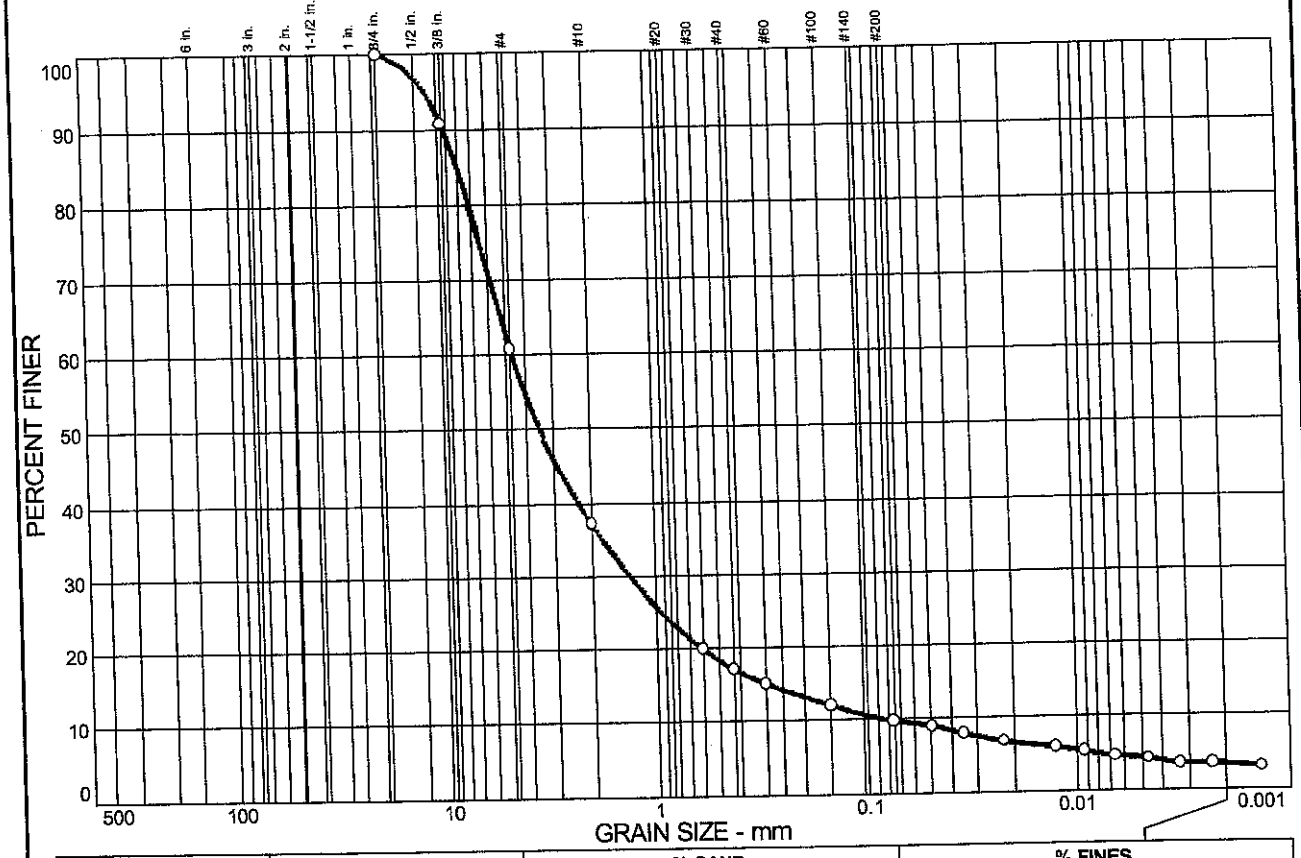
Remarks

Sample No.: **Source of Sample:** B4 **Date:** 3/9/06
Location: **Elev./Depth:** 5'

COOPER TESTING LABORATORY

Client: Golden Gate Tank Removal
Project: Former Exxon - 8679
Project No: 453-009 **Figure**

PARTICLE SIZE DISTRIBUTION TEST REPORT



% + 3"	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0.0	0.0	39.2	23.6	20.1	7.3	6.4	3.4

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3/4 in.	100.0		
3/8 in.	90.7		
#4	60.8		
#10	37.2		
#30	19.9		
#40	17.1		
#50	15.1		
#100	12.0		
#200	9.8		
0.0493 mm.	9.0		
0.0352 mm.	8.0		
0.0225 mm.	6.8		
0.0127 mm.	5.9		
0.0093 mm.	5.3		
0.0066 mm.	4.6		
0.0046 mm.	4.2		
0.0033 mm.	3.5		
0.0023 mm.	3.5		
0.0014 mm.	3.0		

* (no specification provided)

Soil Description

Dark Brown Poorly graded SAND w/ Clay & Gravel

Atterberg Limits

PL= LL= PI=

Coefficients

D_{85}= 8.13 D_{60}= 4.66 D_{50}= 3.49
D_{30}= 1.32 D_{15}= 0.294 D_{10}= 0.0819
C_u= 56.85 C_c= 4.58

Classification

USCS= AASHTO=

Remarks

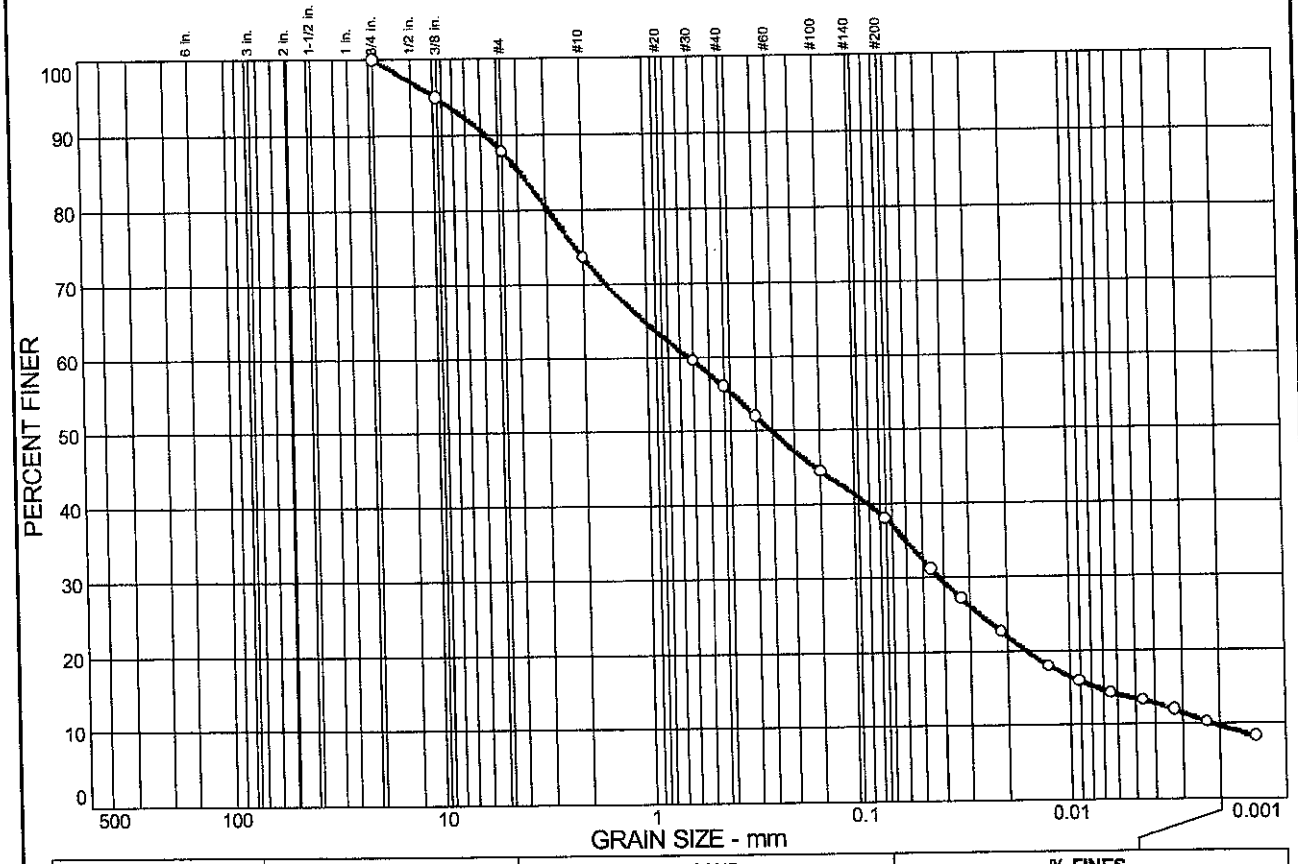
Sample No.: **Source of Sample:** B4 **Date:** 3/9/06
Location: **Elev./Depth:** 15'

COOPER TESTING LABORATORY

Client: Golden Gate Tank Removal
Project: Former Exxon - 8679
Project No: 453-009

Figure

PARTICLE SIZE DISTRIBUTION TEST REPORT



% + 3"	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0.0	0.0	12.3	14.0	17.6	18.2	28.2	9.7

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3/4 in.	100.0		
3/8 in.	94.9		
#4	87.7		
#10	73.7		
#30	59.6		
#40	56.1		
#50	52.0		
#100	44.4		
#200	37.9		
0.0460 mm.	31.1		
0.0332 mm.	27.1		
0.0214 mm.	22.7		
0.0127 mm.	18.0		
0.0090 mm.	16.0		
0.0064 mm.	14.4		
0.0046 mm.	13.3		
0.0032 mm.	12.0		
0.0023 mm.	10.3		
0.0014 mm.	8.4		

* (no specification provided)

Soil Description

Brown Clayey SAND, trace Gravel

Atterberg Limits

PL= LL= PI=

Coefficients

D_{85}= 3.96 D_{60}= 0.625 D_{50}= 0.254
D_{30}= 0.0423 D_{15}= 0.0074 D_{10}= 0.0021
C_u= 292.42 C_c= 1.34

Classification

USCS= AASHTO=

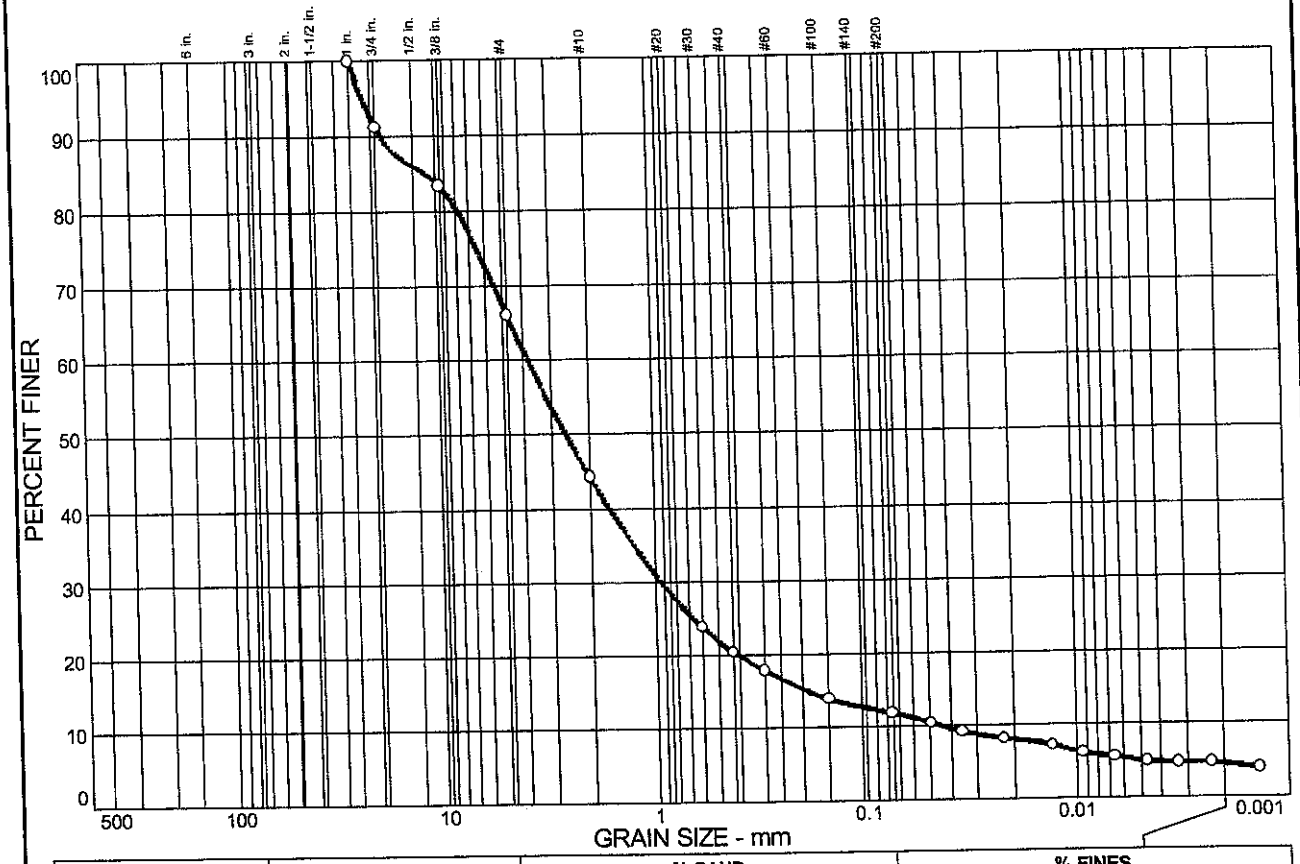
Remarks

Sample No.: **Source of Sample:** B10 **Date:** 3/9/06
Location: **Elev./Depth:** 5'

COOPER TESTING LABORATORY

Client: Golden Gate Tank Removal
Project: Former Exxon - 8679
Project No: 453-009 **Figure**

PARTICLE SIZE DISTRIBUTION TEST REPORT



% + 3"	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0.0	8.9	25.1	21.7	23.8	8.6	7.4	4.5

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1 in.	100.0		
3/4 in.	91.1		
3/8 in.	83.3		
#4	66.0		
#10	44.3		
#30	23.9		
#40	20.5		
#50	17.9		
#100	13.9		
#200	11.9		
0.0495 mm.	10.5		
0.0353 mm.	9.3		
0.0225 mm.	8.3		
0.0131 mm.	7.3		
0.0093 mm.	6.2		
0.0066 mm.	5.6		
0.0047 mm.	4.9		
0.0033 mm.	4.7		
0.0023 mm.	4.7		
0.0014 mm.	3.9		

* (no specification provided)

Soil Description

Brown Clayey SAND w/ Gravel

Atterberg Limits

PL= LL= PI=

Coefficients

D_{85}= 11.2 D_{60}= 3.83 D_{50}= 2.57
D_{30}= 0.938 D_{15}= 0.189 D_{10}= 0.0433
C_u= 88.42 C_c= 5.32

Classification

USCS= AASHTO=

Remarks

Sample No.: **Source of Sample:** B10 **Date:** 3/9/06
Location: **Elev./Depth:** 15'

COOPER TESTING LABORATORY

Client: Golden Gate Tank Removal
Project: Former Exxon - 8679
Project No: 453-009

Figure

Organic Content Test
ASTM D 2974-00 (Method C - 440 °C)

CTL JOB NO. 453-009 | PROJECT: Former Exxon | DATE: 3/7/2006
CLIENT : Golden Gate Tank Removal | PROJECT NO.: 8679 | BY: RU

Boring :	B4	B4	B10	B10				
Sample :								
Depth (ft.):	5	15	5	15				
Visual Description:	Brown Sandy CLAY (Silty)	Dark Brown Poorly graded SAND w/ Clay & Gravel	Brown Clayey SAND, trace Gravel	Brown Clayey SAND w/ Gravel				
Dish No.	OR17	OR20	OR16	OR15				
Dish wt., gm	81.56	82.22	81.61	75.41				
Soil, Org, Dish & H_2O, gm	198.92	139.58	167.35	133.20				
Oven Dry wt (105°C), gm	181.27	136.00	155.51	130.15				
Furnace Dry wt. (440°C), gm	179.63	134.96	153.97	129.05				
Moisture Content, % of Oven Dry Mass	17.7	6.7	16.0	5.6				
Organic Matter, %	1.6	1.9	2.1	2.0				

Note: When describing soils where we know the % organic matter, we use the following guidelines:

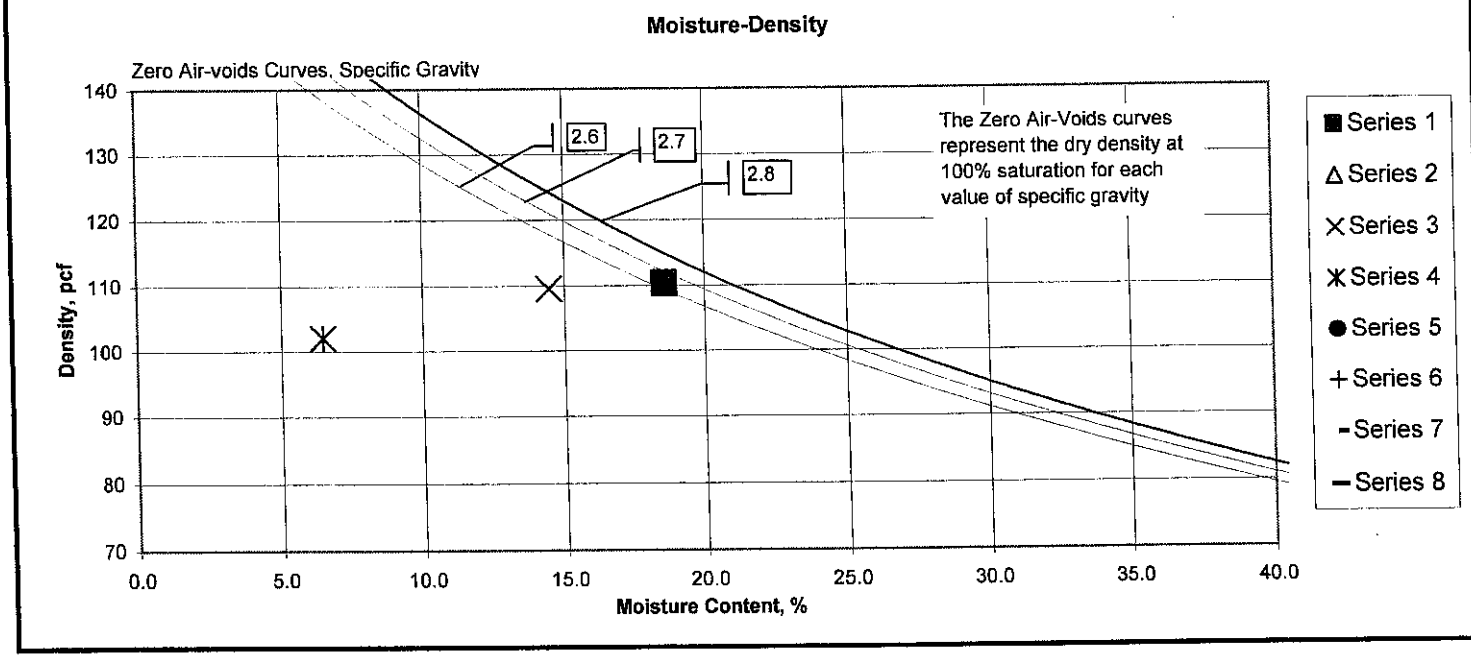
0-5%: The organics are either not mentioned or mentioned as being "trace".
5-15%: The soil is considered as inorganic and is classified, as per ASTM 2487, with "with organics" included in the desc
15-50%: The soil is considered as organic and is described, per ASTM 2487.
> 50%: The soil is described as "Peat".

Moisture-Density-Porosity Report

Cooper Testing Labs, Inc.

Job No:	453-009	**Date:**	03/06/06
Client:	Golden Gate Tank Removal	**By:**	RU
Project:	Former Exxon - 8679	**Remarks:**	

Boring:	B4	B4	B10	B10				
Sample:								
Depth, ft:	5	15	5	15				
Visual Description:	Brown Sandy CLAY (Silty)	Dark Brown Poorly graded SAND w/ Clay & Gravel	Brown Clayey SAND, trace Gravel	Brown Clayey SAND w/ Gravel				
Actual G_s	2.70		2.74	2.75				
Assumed G_s								
Total Vol cc	253.81		95.96	91.97				
Vol Solids,cc	166.03		61.41	54.61				
Vol Voids,cc	87.78		34.55	37.36				
Moisture, %	18.6	5.1	14.5	6.5				
Wet Unit wt, pcf	130.9		125.4	108.6				
Dry Unit wt, pcf	110.3		109.6	102.0				
Saturation, %	94.9		70.4	26.0				
Porosity, %	34.6		36.0	40.6				
Void Ratio	0.529		0.563	0.684				
Series	1	2	3	4	5	6	7	8



COOPER TESTING LABORATORY

Specific Gravity by Pycnometer

ASTM D 854m

CTL Job#:	453-009	Project Name:	Former Exxon	Date:	03/07/06
Client:	Golden Gate Tank Removal	Project No.:	8679	Run By:	MD
				Checked	DC

Boring:	B4	B4	B10	B10				
Sample:								
Depth, ft.:	5	15	5	15				
Pan No.:								
Soil Description (visual)	Brown Sandy CLAY (Silty)	Dark Brown Poorly graded SAND w/ Clay & Gravel	Brown Clayey SAND, trace Gravel	Brown Clayey SAND w/ Gravel				
Dish No.	A-21	A-11	A-26	A-12				
Air-Dry Weight, gm	36.13	28.83	30.88	25.91				
Oven-Dry Weight., gm	35.95	28.64	30.69	25.74				
Dish Weight, gm	11.36	11.72	11.74	11.72				
Hydroscopic MC, %	0.7	1.1	1.0	1.2				
Pycnometer No.:								
Wt Pycn., Soil & H2O (Wb), g	721.7	714.3	736.2	711.7				
Test Temp. (T), °C	20.4	20.6	20.4	20.5				
Wt Pycn. & H2O @ T (Wa), g	671.5	662.8	681.0	671.5				
Wt of Air-Dried Soil (Wm), g	80.34	81.77	87.83	64.03				
Wt of Oven-Dried Soil (Wo), g	79.76	80.86	86.96	63.26				
Temp. Corr. Factor (K)	1.0006	1.0006	1.0006	1.0006				
Specific Gravity (20°C) $Gs = \frac{K\ Wo}{Wo+Wa-Wb}$	**2.70**	**2.76**	**2.74**	**2.75**				

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) t*; iter.

See Instructions on back of page 6.

8679

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
C A L 0 0 0 3 5 1 3			

GENERATOR

3. Generator's Name and Mailing Address
MOIDEH MEHDIZADEH
1408 STONEHEDGE DR
PLEASANT HILL CA 94523

4. Generator's Phone (925) 200-2765

A. State Manifest Document Number: 25130767

B. State Generator's ID:

5. Transporter 1 Company Name: CLEARWATER ENVIRONMENTAL

6. US EPA ID Number: C A R 0 0 0 0 0 7 0 1 3

C. State Transporter's ID [Reserved.]:

D. Transporter's Phone: (510)476-1740

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID [Reserved.]:

F. Transporter's Phone:

9. Designated Facility Name and Site Address
ALVISO INDEPENDENT OIL
5002 ARCHER STREET
ALVISO CA 95002

10. US EPA ID Number: C A L 0 0 0 1 6 1 7 4 3

G. State Facility's ID:

H. Facility's Phone: (510)476-1740

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	J. Waste Number
a. (OIL & WATER) NON RCRA HAZARDOUS WASTE LIQUID	001	TT	00110	G	State 223 EPA/Other NONE
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above: 11A

K. Handling Codes for Wastes Listed Above: a. 01 b. c. d.

15. Special Handling Instructions and Additional Information
WEAR PPE, EMERGENCY CONTACT: KIRK HAYWARD 510-476-1740 ERG # 171 GOLDEN GATE TANK JOB# 8679 SITE: 5175 BROADWAY OAKLAND, CA

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name | Signature | Month Day Year: 02 12 16

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year: 02 12 16

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month Day Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

25130767

DTSC 8022A (1/99)
EPA 8700—22

Yellow: GENERATOR RETAINS

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☑ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Mojdeh Mehdizadeh

MAILING ADDRESS: 1408 Stone Hedge Drive

CITY, STATE, ZIP: Pleasanton, CA 94612

PHONE: (925) 200-2765

CONTACT PERSON: Mojdeh Mehdizadeh

SIGNATURE OF AUTHORIZED AGENT / TITLE: * Field Operations Mgr. | DATE: 3/3/06

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☑ OTHER Soil

GENERATING FACILITY: 5175 Broadway, Oakland, CA 94611

WASTE ACCEPTANCE NO.: 6163 –

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☑ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT ☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER: GSTR

ADDRESS: 255 Shipley Street

CITY, STATE, ZIP: San Francisco, CA 94107

PHONE: (415) 512-1555

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * | DATE: 3/3/06

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
5J29490	501

END DUMP	BOTTOM DUMP	TRANSFER
☒	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * | DATE

CUBIC YARDS: 3

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJEC

FORWARD INCORPORATED

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298 / WEIGHING LOCATION
Resource Recovery: (209) 982-4936

P.O. Box 6336
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 465-0631

117130

SITE	TICKET	GRID
01	592527	

SCALE OPERATOR: SK67024 SOFERI KIM

DATE IN	TIME IN
3 March 2006	11:27 am

DATE OUT	TIME OUT
3 March 2006	11:39 am

VEHICLE	ROLL OFF
GOLDEN 501	

REFERENCE	ORIGIN
	OAKLAND

006163
GOLDEN GATE TANK REMOVAL
TRACY WALLACE
255 SHIPLEY STREET
SAN FRANCISCO, CA 94107
Contract: 204Y62337

Inbound - SCALE TICKET

00 Gross Weight 27,940.00 lb
Tare Weight 21,180.00 lb
Net Weight 6,760.00 lb 3.38 TN

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
3.38	TN	11 CLASS II SOIL				
1.00	LD	10 ENVIRONMENTAL FEE				
1.00	LD	21 FUEL RECOVERY FEE				

NET AMOUN
TENDERED
CHANGE
CHECK NO

GRID

MANIFEST 74478

DRIVER'S SIGNATURE

Electronic Submittal Information

Main Menu | View/Add Facilities | Upload EDD | Check EDD

Your EDF file has been successfully uploaded!

Confirmation Number: 3621080935
Date/Time of Submittal: 4/27/2006 12:09:23 PM
Facility Global ID: T0600100882
Facility Name: MEHDIZADEH PROPERTY
Submittal Title: 47716: Analytical Report, 02/09/06
Submittal Type: Soil & Water Investigation Report

Click here to view the detections report for this upload.

MEHDIZADEH PROPERTY 5175 BROADWAY OAKLAND, CA 94611	**Regional Board - Case #: 01-0958** SAN FRANCISCO BAY RWQCB (REGION 2) **Local Agency (lead agency) - Case #: 3814** ALAMEDA COUNTY LOP - **(AG)**

CONF #	TITLE	QUARTER
3621080935	47716: Analytical Report, 02/09/06	Q1 2006

SUBMITTED BY	SUBMIT DATE	STATUS
Brent Wheeler	4/27/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	8
# FIELD POINTS WITH DETECTIONS	7
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	6
SAMPLE MATRIX TYPES	SOIL,WATER

METHOD QA/QC REPORT

METHODS USED	8260TPH,CATPH-D,SW8260B
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- CATPH-D REQUIRES TPHC28C40 TO BE TESTED	
- CATPH-D REQUIRES TPHC10C28 TO BE TESTED	
- SW8260B REQUIRES EDB TO BE TESTED	
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Confirmation Number: 1014357328
Date/Time of Submittal: 4/27/2006 2:31:39 PM
Facility Global ID: T0600100882
Facility Name: MEHDIZADEH PROPERTY
Submittal Title: 47795: Analytical Report, 02/15/06
Submittal Type: Soil & Water Investigation Report

Click here to view the detections report for this upload.

MEHDIZADEH PROPERTY 5175 BROADWAY OAKLAND, CA 94611	**Regional Board - Case #: 01-0958** SAN FRANCISCO BAY RWQCB (REGION 2) **Local Agency (lead agency) - Case #: 3814** ALAMEDA COUNTY LOP - **(AG)**

CONF #	TITLE	QUARTER
1014357328	47795: Analytical Report, 02/15/06	Q1 2006

SUBMITTED BY	SUBMIT DATE	STATUS
Brent Wheeler	4/27/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	24
# FIELD POINTS WITH DETECTIONS	19
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	16
SAMPLE MATRIX TYPES	SOIL,WATER

METHOD QA/QC REPORT

METHODS USED	8260TPH,CATPH-D,SW6010B,SW8260B
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- CATPH-D REQUIRES TPHC28C40 TO BE TESTED	
- CATPH-D REQUIRES TPHC10C28 TO BE TESTED	
- SW8260B REQUIRES EDB TO BE TESTED	
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	1
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	N
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Confirmation Number: 5862152934
Date/Time of Submittal: 5/2/2006 11:01:45 AM
Facility Global ID: T0600100882
Facility Name: MEHDIZADEH PROPERTY
Submittal Title: 47851: Analytical Report, 02/22/06
Submittal Type: Soil & Water Investigation Report

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MEHDIZADEH PROPERTY
5175 BROADWAY
OAKLAND, CA 94611

Regional Board - Case #: 01-0958
SAN FRANCISCO BAY RWQCB (REGION 2)
Local Agency (lead agency) - Case #: 3814
ALAMEDA COUNTY LOP - **(AG)**

CONF #	TITLE	QUARTER
5862152934	47851: Analytical Report, 02/22/06	Q1 2006

SUBMITTED BY	SUBMIT DATE	STATUS
Brent Wheeler	5/2/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	1
# FIELD POINTS WITH DETECTIONS	1
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260TPH,SW8260B
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- SW8260B REQUIRES EDB TO BE TESTED	
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	Y

BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS ≥ REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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