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**REPORT OF
ADDITIONAL SITE CHARACTERIZATION
&
GROUNDWATER MONITORING**

5930 College Avenue, Oakland, California
ACHCSA Site # RO0000377

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**GGTR Project No. 7335
Date of Report: August 29, 2006**

ADDITIONAL SITE CHARACTERIZATION & GROUNDWATER MONITORING

5930 College Avenue, Oakland, California

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**ADDITIONAL SITE CHARACTERIZATION
and
GROUNDWATER MONITORING**

5930 College Avenue, Oakland, California

INTRODUCTION

Golden Gate Tank Removal, Inc. (GGTR) is pleased to submit this report summarizing the activities, findings and conclusions of the additional soil and groundwater investigation performed at the site called “Sheaff’s Garage” located at 5930 College Avenue in Oakland, California. This report also presents the results of the January 13, 2006, and April 14, 2006, groundwater monitoring and sampling at the site. The report was prepared in response to a September 8, 2003 directive letter issued by the Alameda County Health Care Services Agency (ACHCSA; Site #RO0000377) that requested additional characterization associated with the former underground gasoline and waste oil storage tank (UST) systems. Figure 1 is a *Site Location Map* showing the vicinity of the subject property. Figure 2 is a *Site Plan* showing the approximate location of the former USTs, historical soil borings, and existing groundwater monitoring field points MW-1, MW-2, MW-3 and piezometer PW-1. The attached Table 3 contains the historical fluid level monitoring data and laboratory analytical results for the monitoring field points. Appendix A contains photographs of the subject property and building showing the location of field points and former UST systems.

The investigation activities were conducted in general accordance with our Work Plan for Additional Site Characterization and its Addendum, dated December 29, 2003 and September 30, 2004, respectively, which were approved by the ACHCSA in letters dated June 3, 2004 and February 22, 2005. The general scope of work proposed in the work plan included drilling additional subsurface soil and Hydropunch borings to further assess the extent of both soil contamination in the vicinity of the former USTs – dispenser, and groundwater contamination at and in the vicinity of the site. The investigation activities were performed in general accordance with the State Water Resources Control Board’s Leaking Underground Fuel Tank (LUFT) manual and the TRI-Regional Board Staff Recommendation for Preliminary Evaluation and Investigation of Underground Tank Sites.

Gettler-Ryan, Inc. of Dublin, California is currently conducting a separate groundwater investigation for the former Chevron Station #20-9339 located adjacent to the north side of the subject property at 5940 College Avenue. Two groundwater monitoring wells (GR-MW1 & GR-MW2) are used to evaluate the hydrocarbon concentrations in groundwater at this site. GGTR and Gettler-Ryan, Inc. have conducted joint monitoring and sampling activities at the associated sites on a quarterly basis since October 2000. As of the April 8, 2002 monitoring event, Gettler-Ryan has decreased their monitoring schedule to a biannual basis. Gettler-Ryan, Inc. performed their most recent joint/biannual monitoring and sampling of GR-MW1 & GR-MW2 on April 14, 2006. Figure 2, *Site Plan*, shows the location of the Gettler-Ryan wells relative to the subject property.

Site Location and Description

The subject commercial property is located at 5930 College Avenue, along the east side of College Avenue between Harwood Street and Chabot Road in Oakland, California. The site lies approximately 0.2 mile (1,000 feet) north of Highway 24 and about two miles east of Interstate 80 and the San Francisco Bay. The property (former Sheaff's Garage) is currently occupied by Stauder Automotive Service for the maintenance and repair of automobiles. No active fuel storage / distribution system exist onsite. The site is approximately 5,500 square feet in area with about 75% utilized by an industrial garage building and 25% used as an exterior concrete-paved storage yard. The elevation of the site is approximately 195 feet above Mean Sea Level (Figure 1). The property is relatively flat lying with the local topographic relief directed toward the west-southwest in the general direction of the San Francisco Bay as shown on Figure 1, Site Location Map.

Adjacent to the site on the south is a multi-story building at 5916-20 College Avenue. This building contains parking space and a retail store (T-Mobile) on the ground floor with multi-family apartments on upper floors. To the east of the site is a large older single-family residential neighborhood. The surface channel of Harwood Branch creek is located within this residential neighborhood about one block from the site. An Alameda County Flood Control District cutoff storm drain (90" diameter) associated with Harwood Branch is located within College Avenue adjacent to the site. The adjacent property to the north was formerly occupied by Chevron Service Station #209339 and is currently occupied by a restaurant (Barclays Restaurant & Pub) and office space (5940 College Avenue). This commercial development is approximately 3 feet below the grade of the subject property. A sump pump pit is located near the location of Gettler-Ryan well GR-MW1. As previously reported, the property located at the northeast corner of Chabot Road and College Avenue was occupied by a gasoline fuel distribution facility from approximately 1939 to 1965. Reportedly, a gasoline fueling facility also formerly existed at the northwest corner of Chabot Road and College Avenue. Historical research shows that the subject building has occupied the site since approximately 1952.

Geology & Shallow Soils

Geologic information for the site is provided in the "Geologic Map and Map Database of the Oakland Metropolitan Area, Alameda, Contra Costa, and San Francisco Counties, California, 2000, by R.W. Graymer, U.S. Geological Survey Misc. Field Studies MF-2342. See Figure 3, *Geologic Map*, for a portion of this geologic map showing the site and immediate vicinity. According to this document, the site is located less than one mile west of the Hayward fault zone. The area of the site is on a broad sloping alluvial plain along the margin of San Francisco Bay. Franciscan Complex bedrock of ancient Cretaceous-Jurassic age (shown as *KJfs*, *Kfgm*, *Kfn* and *KJfm* on the map) is exposed less than one-half mile east of the site. The bedrock consists of mélange (sheared rock), sandstone, greenstone, Serpentinite, and quartz diorite. The depth of the Franciscan Complex bedrock below the site has not been evaluated. However, the map suggests that bedrock may be less than 100 feet deep in this area. The bedrock is not believed to contain significant groundwater resources.

The map indicates the site is located near the eastern margin of Holocene-age alluvial fan and fluvial deposits shown as *Qhaf* on the map. The alluvial fan deposits are described on the map as brown or tan, medium dense to dense, gravely sand or sandy gravel that generally grades upward to sandy or silty clay. Near the distal fan edges, the fluvial deposits are typically brown, never reddish, medium dense sand that fines upward to sandy or silty clay. Underlying the most recent alluvial fan and basin deposits are older materials called Pleistocene alluvial fan and fluvial deposits (shown as *Qpaf* on the map). The older Pleistocene alluvial fan deposits are described on the map as brown dense gravely and clayey sand or clayey gravel that fines upward to sandy clay. All Pleistocene alluvial fan deposits can be related to modern stream courses. They are distinguished from younger alluvial fans and fluvial deposits by higher topographic position, greater degree of dissection, and stronger soil profile development. They are less permeable than Holocene deposits. They are overlain by Holocene deposits on lower parts of the alluvial plain, and incised by channels that are partly filled with Holocene alluvium on higher parts of the alluvial plain.

Native subsurface soil encountered at the site consists of clayey silt, silty clay and fine-grained sand with lenses of coarser-grained sand with gravel. Soil in the direct vicinity of the former UST cavity, as described in B21 to B23, was moderate to dark yellowish brown intermixed lenses of silty clay and clayey silt with fine-to coarse-grained sand, to a total explored sample depth of 25 fbg. Boring B15 in the southeastern corner of the site encountered silty fine-grained sand to a depth of 10 feet. As described in the previously reported Particle Size Distribution and Moisture-Density-porosity Reports, soil in boring B8 at 17 fbg was described as a olive gray clay w/ sand containing 57.9 % silt, 27.3% clay & 14.8% sand with a porosity of 38.6%, moisture content of 22.8%, and density of 106 pounds per cubic foot (pcf). Soil in boring B9 at 7 fbg was described as a brown clayey sand w/ trace gravel containing 47.3% sand with trace gravel, 39.5% porosity, 19% moisture, and approximately 102 pcf density. The soil sample collected in B11 at the north side of site at 19 fbg was described as a brown clayey sand w/gravel containing 25.5% silt, 22.9% clay, and 34.8% sand with 43% porosity, 21.9% moisture content, and an approximate density of 97 pcf. These materials appear consistent with young Holocene-age alluvial fan-fluvial deposits as described on the geologic map.

Groundwater Setting & Conditions

The regional groundwater flow in the vicinity of the site is assumed to be towards the west-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. Although no domestic water supply wells are located in the site vicinity, the shallow groundwater beneath the site is considered a potential drinking water source by local regulatory agencies.

The nearest surface water body is Harwood Branch (aka Claremont Creek) that is the northernmost tributary of Temescal Creek / watershed. As shown on Figure 4, *Regional Map of Creeks and Conduits*, Harwood Branch flows via an intermittent underground culvert and an open surface channel in the vicinity of the site. Figure 5, *Local Map of Storm Conduits*, shows a detail map of the Harwood Branch drainage in the immediate vicinity of the site. As shown on these maps, flow from Harwood Branch is diverted into two conduits on both sides of the subject property. To the west along College Avenue, storm flow is directed within the Alameda County Flood Control District 90" RCP underground conduit. To the east of the site Harwood Branch flows within an open channel. To the south along Chabot Avenue, Harwood Branch flows within an underground box culvert. The two drainage systems apparently join at the intersection of College and Chabot Avenues. Flow lines in conduits at this intersection are listed on the map with elevations of about 180 feet.

Historical groundwater flow directions and gradients have shown high variability at the site with historic flow directions varying widely from eastward to westward. In general, the data suggests that groundwater flow direction varies from westerly towards the 90" conduit within College Avenue and south / easterly towards Harwood Branch. Groundwater elevations at the site also show large seasonal variations. In well MW-1, the depth to water has historically varied from 3.08 feet in wet weather conditions to 11.04 feet in dry weather conditions. Similarly, in well MW-2, the depth to water has varied from 3.61 feet to 13.85 feet and well MW-3 has varied from 3.41 feet to 10.02 feet below top of casing. The lowest groundwater elevations measured at the site are approximately 183-184 feet. The nearby drainage conduits appear to have flow lines below the elevation of the onsite groundwater table. We surmise that groundwater flow at the site is significantly influenced by the 90" RCP conduit / Harwood Branch drainage system as well as other subsurface utilities along College Avenue with inverts of 12 feet below grade (see Figure 6, *Subsurface Utility Map*).

CORRECTIVE ACTION BACKGROUND

Underground Tank Removal August to October 1996

Two underground storage tanks (UST) were located beneath the sidewalk at the southwest corner of the site. In August 1996, GGTR removed the two USTs from the site at the locations shown in Figure 2, Site Plan. The following table presents a summary of the tank designations, size, type of construction and contents:

<i>Designation</i>	<i>Construction</i>	<i>Diameter</i> (Feet)	<i>Length</i> (Feet)	<i>Volume</i> (Gallons)	<i>Contents</i>
TANK 1	Steel	4	7	675	Gasoline
TANK 2	Steel	4	3.5	340	Waste Oil

GGTR removed the residual fuel from the subsurface product piping (left in place), thoroughly flushed and drained the piping then capped both ends (the piping was subsequently removed). GGTR over-excavated the gasoline-contaminated soil surrounding the former UST location. Analytical results of soil samples collected during the UST removal and over-excavation activities at the site are summarized in the attached Table 1A. The tank

removal and over-excavation activities are documented in the GGTR *Tank Removal Report*, dated October 11, 1996.

Preliminary Investigation & Monitor Well Installation 1998-1999

As requested by the ACHCSA, between May 1998 and October 1999, GGTR performed a preliminary subsurface investigation at the subject property and subsequently installed three groundwater monitor wells MW-1, MW-2 and MW-3 in the vicinity of the former UST cavity. On May 6, 1998, Soil borings B1 through B3 were advanced immediately south, east, and west, respectively, of the former UST cavity at the approximate locations shown in Figure 2, Site Plan. The soil sample collected in B2 at approximately 9 fbg contained 2800 mg/kg TPH-G and 13 mg/kg benzene. All other soil boring sample concentrations were either insignificant or below the respective laboratory reporting limit. Grab groundwater samples collected in each borehole between 6.5 and 8.5 fbg, contained a maximum of 1,000,000 micrograms per liter (ug/l) TPH-G (B3), 30000 ug/l benzene (B2), and 18000 ug/l MTBE (B3). Additional details are presented in the GGTR June 17, 1998 Soil & Groundwater Investigation Report.

Based on review of the preliminary soil and grab groundwater sample results, the ACHCSA in their letter dated April 20, 1999, requested additional work to further assess the extent of contamination in soil and groundwater in the vicinity of the former USTs. In June/October 1999, GGTR advanced additional soil borings B4 to B6 at the site to approximately 20 fbg and converted each to respective 2-inch-diameter groundwater monitoring wells, MW-1 thru MW-3. Soil samples collected from each associated boring contained a maximum of 280 mg/kg TPH-G and 4 mg/kg benzene (B4 @ 9 fbg). Representative well samples collected in MW-1 in June and September 1998, contained a maximum of 290000 ug/l TPH-G, 28000 ug/l benzene, and 1900 ug/l MTBE. Samples collected in each well in October 1999, contained a maximum of 85000 ug/l TPH-G, 20000 ug/l benzene, and 1100 ug/l MTBE (MW-1). The locations of the soil borings/monitor wells are shown in Figure 2, Site Plan. Additional details are presented in the GGTR Soil & Groundwater Investigation Report dated October 22, 1999. The results of the laboratory analyses of soil and grab groundwater samples are summarized on the attached Tables 1 and 2.

Quarterly Groundwater Monitoring 2000 to 2002

The ACHCSA, in a letter dated November 4, 1999, requested that all onsite wells be sampled on a quarterly basis. Also, as requested by the ACHCSA (March 1, 2001 Directive Letter), in collaboration with Gettler-Ryan, Inc. of Dublin, California, which is conducting a separate groundwater investigation adjacent to the subject property (5940 College Avenue; Former Chevron Station), GGTR has jointly monitored and sampled each well on a quarterly basis between January 2000 and October 2002. Thereafter, Gettler-Ryan conducted semi-annual monitoring and sampling only. The locations of the subject monitor wells and Gettler-Ryan's monitoring wells are shown on Figure 2, Site Plan. The attached Table 3 presents the historical monitor well fluid-level data and groundwater analytical results for samples collected in MW-1 thru MW-3. Additional details are presented in the associated GGTR Groundwater Monitoring Reports.

Additional Soil and Groundwater Investigation 2002

Based on review of analytical results of the GGTR April 2001 Groundwater Monitoring Report, the ACHCSA, in a letter dated July 9, 2001, requested a work plan to assess whether any additional contaminant sources potentially exist that may be contributing to the elevated hydrocarbon concentration in groundwater in the vicinity of MW-1. GGTR submitted the work plan on December 19, 2001, which was subsequently approved by the ACHCSA in a letter dated January 3, 2002. In August, October, and November 2002, GGTR implemented the UST product line excavation/removal and soil boring (B7-B11) activities. Boring locations are shown in Figure 2, Site Plan. Shallow soil samples collected beneath the product line at approximately 3.5 fbg, contained insignificant or non detectable concentrations of TPH-G, BTEX, and MTBE. Soil samples collected in B7 (former fuel dispenser location) and B8 & B9 (east parking lane of College Avenue) between 8 and 20 fbg also contained insignificant concentrations of TPH-G and BTEX. However, grab groundwater samples collected in B7 to B9 contained significant TPH-G, BTEX and MTBE. Soil and groundwater samples in B10 (Vicinity of former USTs, east parking lane of College Avenue) contained significant TPH-G, BTEX and MTBE. Soil collected in B11 at 8 and 13 fbg, located along the north property line, contained insignificant concentrations of TPH-G, BTEX, and MTBE. No groundwater was encountered in B11. Additional details of the additional site characterization are presented in the GGTR June 10, 2003 Report of Additional Soil and Groundwater Investigation. The results of the laboratory analyses of soil and grab groundwater samples are summarized on the attached Tables 1 and 2.

Continued Quarterly Groundwater Monitoring 2003 to Present

GGTR, in collaboration with Gettler-Ryan, Inc. jointly monitored and sampled associated site wells on a quarterly/semi-annual basis between October 2003 and January 2006. The attached Table 3 includes the historical monitor well fluid-level data and groundwater analytical results for samples collected in MW-1 to MW-3 for these events. Additional details are presented in the associated GGTR Groundwater Monitoring Reports.

Preferential Migration Pathway Survey

Subsurface Utility Corridor Survey

The ACHCSA in their September 8, 2003, letter requested a subsurface utility survey in the general vicinity of the site to evaluate whether any underground utility corridors may potentially act as preferential pathways for migration of dissolved-phase contaminant hydrocarbons. The results were presented in the GGTR's *Work Plan for Additional Site Characterization* dated December 29, 2003. The approximate locations of the pertinent subsurface site vicinity utilities are shown in Figure 6, *Subsurface Utility Map*. Associated cross sections C-C' & D-D' (locations referenced in Figure 6) showing the approximate locations and depths of the utilities and trenches within and in the direct vicinity of the known contaminant plume area were presented in Figures 4 and 5 of the December 29, 2003,

work plan, respectively. Cross Sections A-A' and B-B' were presented previously in the GGTR June 2003 Report of Additional Soil and Groundwater Investigation.

The survey indicates the following subsurface utility features exist along College Avenue, flowing southward and extending between and beyond Harwood and Chabot Avenues: 1) an 18-inch-diameter, utility storm water line with invert flow depth of approximately 12 fbg, located 12 to 14 feet west of the former UST cavity; 2) an 8 to 12 inch-diameter sanitary sewer line with invert flow depth of approximately 12 fbg located 15 feet west of the former UST cavity; 3) a 90-inch-diameter storm water line (Alameda County Flood Control) with invert depth of approximately 12 fbg located approximately 22 to 23 feet west of the former UST cavity, and 4) an 8-inch diameter sanitary sewer line with invert depth approximately 10 fbg and located approximately 38 to 40 feet west of the former UST cavity and MW-1. Based on the information provided by the subsurface utility corridor survey and on the historical fluctuation of the groundwater depth reported at the site (about 2.5 to 13.5 fbg), it appears that the sanitary, storm water, and water utilities located west of the subject property along College Avenue occur at the approximate lower vertical limit of the historical water table fluctuation and potentially act as a pathway for on- and/or off-site migration of groundwater and contaminant hydrocarbons.

Site Vicinity Receptor Well Survey

As part of the preferential migration pathway survey, the ACHCSA also requested that a site vicinity well survey be conducted within a 0.25-mile radius of the subject property. The purpose of the survey was to determine whether any domestic and/or irrigation water-producing wells and monitor wells exist within this area that may both potentially act as receptors for offsite migration of the hydrocarbon-affected groundwater and potentially act as conduits for continued vertical migration. On November 4, 2003, GGTR submitted a Well Completion Report Release Agreement to the Department of Water Resources (DWR), Central District for all domestic/irrigation and monitoring wells installed within a 0.25-mile radius of the subject property. On November 12, 2003, GGTR visited the DWR Central District office in Sacramento to access their database for the associated well search. Well Completion Reports were provided within a 2-mile radius of the subject property.

Only two irrigation wells and three monitoring wells were located as result of the search. The two irrigation wells exist at the Claremont Resort and Tennis Club located approximately 0.75 mile northeast of the subject property, at the intersection of Claremont and Ashby Avenues in Oakland, California. One of the three monitoring wells exists at the Chevron Service Station at 3048 Ashby Avenue (southwest corner of intersection of Ashby & Domingo Avenues), approximately 0.75 mile northeast of the site. It appears that three additional monitor wells currently exist on this property, although no well driller reports were provided. The two other monitor wells exist at the Arco Service Station at 6407 Telegraph Avenue, located approximately 0.5 mile west-northwest of the site, at the intersection of Alcatraz and Telegraph Avenues.

Based on results of the receptor well survey, no known active domestic and/or irrigation wells exist within the 0.25-mile survey radius of the subject property. Only two irrigation wells reportedly exist approximately 0.75 mile from the site and are located regionally up-gradient of the property. At least three groundwater monitoring wells, in addition to the site and adjacent property wells, exist within 0.75 mile of the subject property. The three above reported monitor wells are located regionally up- and lateral gradient of the site. Because of their distance and up-/lateral-gradient locations from the subject property impacted groundwater, the reported irrigation and monitor wells will not act as potential receptors or vertical conduits for continued contaminant migration.

ADDITIONAL SITE CHARACTERIZATION

Based on review of the GGTR June 2003 report, the ACHCSA, in their letter dated September 8, 2003 requested a work plan addressing additional source and site characterization of contaminants in soil and groundwater at the subject property. GGTR submitted their Work Plan for Additional Site Characterization on December 29, 2003, and its June 3, 2004 Addendum, which were conditionally approved by the ACHCSA in letters dated September 30, 2004 and February 22, 2005. Between April and July 2005, GGTR installed additional borings B12 to B24 to approximately 25 fbg and Hydropunch borings HB-1 to HB-6 to approximately 15 fbg, and converted HB-2 to piezometer well PW-1. The location of each additional boring is shown in Figure 2, Site Plan. The results of the laboratory analyses of soil and grab groundwater samples are summarized on the attached Tables 1 and 2.

The following is GGTR's general scope of work for additional investigation and site characterization activities performed at the subject property between April and July 2005.

- Obtain site Excavation Permit from City of Oakland Department of Public Works
- Obtain Drilling Permit from Alameda County Public Works Agency
- Conduct site mark-out and notify Underground Service Alert for utility clearance
- Conduct additional soil boring and sampling activities (B12 to B24)
- Hydropunch boring and sampling activities (HB-1 to HB-6)
- Piezometer PW-1 installation, development, sampling, and surveying
- Perform soil and grab groundwater sampling activities in each boring
- Backfill soil borings with neat Portland cement and surface concrete
- Submit all samples to State-licensed environmental laboratory for analysis
- Profile, transport, and dispose of all impacted solid/liquid waste
- GeoTracker AB2886 submittal
- Interpret all field and analytical data and prepare summary report

Soil and Hydropunch Boring & Sampling Activities

During April to June 2005, GGTR contracted Gregg Drilling (State Contractors C-57 License #485165) to perform the additional soil boring and sampling activities at the site. GGTR initially conducted a safety tailgate meeting with all pertinent site personnel to discuss all information provided in the project Health & Safety Plan. GGTR inspected the drilling equipment for cleanliness to avoid cross contamination between differing sites. Prior to drilling, GGTR directed Gregg to hand auger or probe the proposed boring locations up to approximately 4 fbg to clear for any unmarked utilities. Gregg drilled Soil Borings B12 to B24 and Hydropunch Borings HB-1 to HB-6 to depths of approximately 9.5-25 fbg using 2-inch diameter, percussion drill tubing (Direct Push Technology). Continuous soil samples were collected in all soil borings (and HB-2/PW-1) at 4-foot intervals, between 5 and 25 fbg, by hydraulically driving a 1- to 2-inch-diameter, butyrate plastic tube-lined, core sampler into relatively undisturbed soil.

At the bottom section of each sample interval, GGTR monitored and recorded the organic vapor concentrations of each soil sample using a Thermo® 580B Organic Vapor Analyzer and classified and logged all samples and hand auger soil cuttings using the Unified Soil Classification System and Munsell Rock Color Chart. Soil boring logs are presented in Appendix D. Immediately following sample collection, GGTR chose a representative portion of the sample tube (6-inch-length) from each sample interval, sealed the ends of each sample tube with Teflon® tape and plastic caps, appropriately labeled each tube and transferred the samples to a cooler chilled to approximately 4° Centigrade. The core sampler was washed between each sample interval using an Alconox® solution and double rinsed with clean, potable water. Equipment wash and rinse water was subsequently transferred to a 55-gallon D.O.T.-approved steel drum and temporarily stored onsite.

Grab Groundwater Sampling & Backfilling Activities

Following soil sampling activities in the majority of all borings, Gregg temporarily placed 0.75-inch-diameter, factory-sealed, screened piezometer casing to the approximate total depth of each borehole. GGTR monitored and recorded the depth to groundwater (DTW) in each borehole (relative to grade surface) using an electronic water level indicator. Groundwater was not observed in B13, B22, and HB-5, most likely due to the compacted borehole sidewalls and the relatively impermeable silty clay / clayey silt material observed in each boring.

Between April 14 and July 11, 2005, GGTR and Gregg collected grab groundwater samples using a clean, stainless steel, 0.5-inch-diameter bailer. GGTR carefully drained the groundwater sample from the bottom of the bailer directly into laboratory-cleaned, 40-milliliter volatile organic analysis (VOA) vials. A specialized drainage tip was used to prevent loss of any volatile constituents during sample transfer. GGTR sealed each sample container with a threaded cap and inverted the VOA vials to insure no headspaces or entrapped air bubbles were present. GGTR appropriately labeled each sample container and immediately placed the samples in a cooler chilled to approximately 4° Centigrade.

The down-hole monitoring equipment was washed between each boring location using an Alconox® solution and double rinsed with clean, potable water. Equipment wash and rinse water was subsequently transferred to a 55-gallon D.O.T.-approved steel drum. Following grab groundwater sampling GGTR removed the temporary well casing from the borings and backfilled each borehole with neat Portland cement and asphalt patch. GGTR then secured the well casing in selected borings at grade surface and placed a steel cover and hydrated bentonite paste above each borehole location to inhibit any potential surface water infiltration.

Piezometer PW-1: Installation, Development, Sampling and Surveying

Because of the high variability in onsite groundwater measurements, GGTR proposed converting exploratory soil boring HB-2 located in the rear concrete-paved courtyard to a groundwater piezometer. Following approval by the ACHCSA, GGTR and Gregg, on April 5, 2005, constructed a 2-inch diameter piezometer well (PW-1) using a limited access truck equipped with continuous flight, hollow stem augers. The location of HB-2/PW-1 is shown in Figure 2. Piezometer construction specifications are depicted in the associated Boring Log presented in Appendix D.

Approximately 72 hours following construction of PW-1, similar to a conventional monitor well, GGTR developed the piezometer well by surging the entire water column of the well with a 2-inch-diameter surge block and subsequently purging at least 10 well casing volumes from the well. GGTR transferred the well purge water to a 55-gallon drum. On April 14, July 26, and October 14, 2005, GGTR returned to the site and sampled PW-1, as part of the continued quarterly monitoring and sampling activities (MW-1 to MW-3) performed at the site.

On July 11, 2005, GGTR returned to the site and surveyed the wellhead elevation (TOC & grade) of PW-1 relative to the known TOC elevation of MW-1. The survey is informal (not conducted by at Licensed Land Surveyor) at this time.

Laboratory Analysis of Soil Samples

GGTR submitted soil samples collected during the additional soil boring activities under respective formal chain-of-custody command to the former North State Labs of South San Francisco, California and Entech Analytical Labs, Inc. of Santa Clara, California (Entech; CA ELAP 2346) for analyses.

- Total Petroleum Hydrocarbons (TPH) as Gasoline (TPH-G; EPA 8015M/8021B)
- Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX; EPA 8015M/8021B)
- Methyl Tertiary-Butyl Ether (MTBE; EPA 8015M/8021B)
- Ethylene Dibromide and Ethylene Dichloride (EDB & EDC; EPA 8260B)

Selected soil samples collected from B12 and B21-B23 (former UST source area) were additionally analyzed for:

- TPH as motor and hydraulic oil (EPA Method 8015M)
- Total Oil & Grease (TOG; Standard Method 5520 E&F)
- Cadmium, Chromium, Lead, Nickel, and Zinc (LUFT Metals; EPA 3000/7000)
- Fuel Oxygenates (EPA Method 8260)
- VOCs (EPA Method 8260)

The attached Table 1 (A-C) summarizes the historical laboratory results of soil boring samples collected during the additional soil boring activities. A copy of the respective laboratory analytical reports and chain of custody records as well as associated Quality Assurance and Quality Control (QA/QC) details is presented in Appendix C.

Laboratory Analysis of Groundwater Samples

All groundwater samples collected in the borings and piezometer well were analyzed for the following chemical constituents:

- TPH-G (SW8020F)
- BTEX (SW8020F)
- MTBE (SW8020F)
- Fuel Oxygenates (EPA Method 8260), including EDB & EDC

All grab groundwater samples collected from B12 and B21-B23 (former UST source area) were additionally analyzed for:

- TPH as motor and hydraulic oil (EPA Method 8015M)
- TOG; Standard Method 5520 E&F
- LUFT Metals; EPA 3000/7000
- VOCs (EPA Method 8260)

The attached Table 2 (A-C) summarizes the historical laboratory analytical results of the grab groundwater samples and fluid-level monitoring data measured during the additional soil and groundwater investigation activities. Analytical results of the groundwater samples collected in PW-1 during the April, July, and October 2005 quarterly monitoring events are presented in Table 3 (A&B). A copy of the respective laboratory analytical reports, QA/QC details, and chain of custody records is included in Appendix C.

QUARTERLY GROUNDWATER MONITORING – January/April 2006

The scope of the work for the First and Second Quarter 2006 groundwater monitoring and sampling includes the following:

- Monitoring, purging and sampling of three monitor wells (MW-1, MW-2 & MW-3) and one piezometer (PW-1)
- Groundwater sample laboratory analysis
- Waste management
- Data interpretation
- Electronic Data Upload to GeoTracker Database System (State Assembly Bill 2886)

Groundwater Sampling Field Procedures

GGTR continued quarterly groundwater monitoring and sampling activities at the subject property on January 13 and April 14, 2006, in accordance with the requirements and procedures of the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) and the ACHCSA. Prior to purging and sampling each of the four monitoring field points, GGTR measured and recorded the depth to groundwater and presence of floating product using an oil/water interface meter. Fluid levels were measured to the nearest 0.01 foot. A copy of the associated Fluid-Level Monitoring Data Forms is presented in attachment B.

GGTR then purged approximately three (3) well casing volumes of groundwater from each field point using a direct current, centrifugal purge pump. GGTR simultaneously monitored and recorded the pH, temperature, specific conductivity of the purged water. The purge water was transferred directly to a 55-gallon, D.O.T.-approved steel drum. After recharge of approximately 80% of the groundwater column, GGTR collected a groundwater sample by lowering a disposable, bottom-fill, acrylic bailer to just below the air-water interface. GGTR initially checked for the presence of surface sheen and then carefully decanted each sample from the bailer into the appropriate laboratory sample containers. All volatile organic analysis (VOA) vials were inverted and checked to insure that no entrapped air was present. Well Purging/Sampling Data Sheets are included in Attachment B.

Results of Groundwater Sampling and Laboratory Analysis

The groundwater samples were then appropriately labeled and immediately stored in a cooler chilled to 4°centigrade. On January 16 and April 14, 2006, GGTR submitted the groundwater samples under formal chain of custody command to Entech for laboratory analysis of the following fuel constituents:

- TPH-G GC-MS Method
- Fuel Oxygenates, including EDB & EDC (EPA Method 8260)
- VOCs, including BTEX (EPA Method 8260)

Entech performed all volatile analyses within the maximum 14-day hold time for these analyses. Copies of the official Laboratory Certificates of Analysis and the associated Chain-of-Custody Forms are included in Appendix C. The results of the groundwater monitoring and laboratory analyses (performed to date) are summarized in Table 3 (A&B), attached to this report.

Elevated concentrations of TPH as Gasoline as high as 51,000 ug/l, benzene as high as 14,000 ug/l, and other significant concentrations of VOCs, which continue to exceed applicable groundwater ESLs, were measured in MW-1 through MW-3 during this event. Concentrations of TPH-G (450 ug/l) and benzene (10 ug/l) remain in Piezometer Well PW-1; however, have shown a general decreasing trend since the April 2005 sampling event. MTBE was detected in well MW-1 at an elevated concentration 270 ug/l. Slightly detectable concentrations of other gasoline-range VOCs (maximum concentrations of 170 ug/l n-propylbenzene and 2,400 ug/l 1,2,4-trimethylbenzene) were measured in MW-1 thru MW-3 at levels relatively similar to those measured during previous events (Table 3). A concentration of tetrachloroethene (PCE) was detected in PW-1 at 95 ug/l on January 13th and 68 ug/l on April 14, 2006.

Figure 9 - TPH-G, Benzene and MTBE in Groundwater; Figure 10 - TPH-G in 2005 Grab Water Samples; and Figure 11 - April 2006 TPH-G in Monitor Wells, illustrates the results of groundwater analytical results. Figure 12 - Chart of TPH Gasoline in Groundwater for monitor wells MW-1 thru MW-3 illustrates a significant decreasing trend in contamination concentrations at the site.

Results of Groundwater Measurements

The groundwater levels measured in each well during the monitoring event were used to calculate an approximate groundwater gradient and flow direction across the site. The groundwater gradient data calculated for the January 13 and April 14, 2006 monitoring events are shown on Figure 7, *Groundwater Flow Direction*. The table below presents the historical data on mean groundwater elevation, flow direction and gradient magnitude for the site since October 1999.

Mean Groundwater Elevation, Flow Direction, and Gradient

Measurement Date	Mean Groundwater Elevation (feet)	Groundwater Flow Direction	Gradient (feet / 100 feet)
10/07/99	39.87	11° west of south	0.67 foot / 100 feet
01/26/00	43.1	23° west of north	9.12 feet / 100 feet
10/25/00	39.96	40° east of north	0.64 foot / 100 feet
04/25/01	188.6	55° west of north	0.69 foot / 100 feet
07/10/01	186.26	4° east of north	0.5 foot / 100 feet
10/08/01	184.99	48° east of north	1.6 feet / 100 feet
01/07/02	191.63	52° west of south	2.3 feet / 100 feet
04/08/02	188.94	43° east of south	0.6 foot / 100 feet
07/09/02	186.63	51° west of north	0.7 foot / 100 feet

10/23/02	184.50	71° east of north	3.2 foot / 100 feet
10/15/03	185.14	28° east of north	1.0 foot / 100 feet
02/02/04	188.47	18° east of south	0.5 foot / 100 feet
04/23/04	189.00	77° east of south	0.5 foot / 100 feet
07/19/04	186.97	51° west of north	0.1 foot / 100 feet
10/22/04	186.49	82° west of north	2.9 foot / 100 feet
01/21/05	190.36	16° west of south	1.25 foot / 100 feet
04/14/05	190.01	13° east of south	1.10 foot / 100 feet
07/26/05	188.37	56° west of north	0.08 foot / 100 feet
10/14/05	186.38	27° west of north	0.2 foot / 100 feet
01/13/06	191.50	33° west of south	1.6 foot / 100 feet
04/14/06	193.3	37° west of south	2.5 foot / 100 feet

The groundwater elevations are referenced to mean sea level (MSL) as determined by the April 26, 2001, Virgil Chavez Land Surveying; Wellhead Elevation and Coordinate Survey. The benchmark for the survey was a City of Oakland benchmark being a cut square in the top of curb at the northeast corner of College Avenue and Miles Avenue (benchmark elevation is 179.075 feet MSL). The groundwater elevations prior to April 26, 2001 are referenced to an arbitrary site-specific datum point (MW-1) with an arbitrary elevation of 50 feet.

Groundwater elevation data since April 2005 has incorporated data from the new piezometer PW-1. Beginning with the January 13 and April 14, 2006, measurements, the groundwater gradient and flow direction was calculated using the U.S. Environmental Protection Agency (EPA) On-Line Tools for Site Assessment Calculation – Gradient and Direction from Four or More Points. Groundwater elevations from the four onsite monitoring field points were utilized to calculate an overall site gradient and flow direction (See Appendix D - Groundwater Gradient Calculation Sheets). Figure 8 presents a *Rose Diagram-Historical Hydraulic Gradients* showing the historical hydraulic gradients (magnitude and direction) to date across the site. The April 14, 2006, mean groundwater elevation is the highest elevation measured since 2001. The high groundwater elevation reflects the abundant rainfall experienced during April 2006. The January 13 and April 14, 2006, flow directions generally agree with flow directed towards College Avenue to the southwest (33-37° west of south).

GGTR also calculated a flow direction and gradient to the north of the site at the former Chevron service station case (5940 College Avenue) using Gettler-Ryan wells GR-MW1 and GR-MW2 and onsite well MW-1. At the former Chevron station, the April 14, 2006, gradient is steeper (0.04 ft/ft) and the flow direction is more westerly towards College Avenue at 129° west of south. The large difference in flow direction and gradient at the Gettler-Ryan site is due to the lower groundwater elevations measured in the Gettler-Ryan wells. Both well surveys were based on the same benchmark and performed by Virgil Chavez Land Surveying. A site inspection during August 2006 revealed a sump pump pit located in the sunken courtyard of the Barclays Restaurant & Pub facility (current tenants of 5940 College Avenue). The sunken courtyard is approximately 3 feet below sidewalk grade and the sump pump pit is estimated at 2-3 feet below the courtyard grade. As depth to groundwater during April 2006 was measured at about 2-3 feet below grade, it appears the sump pump may be

artificially influencing groundwater elevations in the vicinity of the Gettler-Ryan monitoring well GR-MW1 during the wet weather monitoring events. Similarly, a sump pump may also exist at the new commercial development on the west side of College Avenue in the vicinity of GR-MW1.

FINDINGS OF ADDITIONAL INVESTIGATION

- The site is located on an alluvial plain alongside the northern tributary of Temescal Creek called Harwood Branch creek. Holocene-age alluvial fan and fluvial deposits occur at the site consisting of a layered and laterally-discontinuous sequence of fine-grained clayey sand and silty clay-clay with lenses of sand and gravel. The young alluvial-fluvial soils are generally loose with high porosity. Harder Pleistocene-age alluvial fan and fluvial deposits may underlie the site and Franciscan Complex bedrock is believed to exist at a relatively shallow depth below the site (<100 feet).
- The site occurs within the floodplain of Harwood Branch creek less than 200 feet from the open stream channel to the east. Harwood Branch flows along Chabot Road to the south of the site in a large underground box culvert. A large 90" Alameda County Flood Control conduit connected to Harwood Branch at its eastern and western ends occurs adjacent to the site along College Avenue. Base groundwater elevation at the site is believed to be the approximate flow line of Harwood Branch and associated 90" storm drain. Harwood Branch flow line is estimated to be at an elevation of about 180 feet MSL near the intersection of College Ave. and Chabot Road. Groundwater is unconfined at the site and elevations vary from 183.43 to 194.9 feet MSL (an 11.47 foot difference) depending on seasonal rainfall.
- Groundwater flow direction has been highly variable at the site presumably related to the proximity of Harwood Branch and associated 90" storm drain. The January and April 2006 flow directions were to the southwest at South 33° West and South 37° West with a gradient of 0.016-0.025 ft/ft. These flow directions represent wet weather and high groundwater conditions. The southwesterly flow is towards the Alameda County Flood Control District 90" storm conduit in College Avenue. Soil boring HB-5 located across College Avenue from the site in the down-gradient direction contained silty-clay soils. Although temporary casing was installed in this boring to a depth of 15 feet and allowed to recharge for several weeks, no groundwater was observed in this boring.
- During April 2006 (a very wet month for rainfall) the highest groundwater elevations measured at the site were recorded with groundwater depths ranging from 3.61 to 2.27 feet below grade. The groundwater elevation fluctuates over a known interval of 11.47 feet at the site producing a pronounced smear zone of petroleum soil contamination within the groundwater interface. Entrapped petroleum contamination (TPH gasoline at 100-2800 mg/Kg) is located in the vicinity of the former USTs at depths of 9-17 feet below grade based on the laboratory analysis of soil samples. Sheen of petroleum product is commonly observed in purge water from monitor wells in the vicinity of the former UST locations.
- Based on elevated concentrations of TPH-G, BTEX, MTBE and Naphthalene measured in MW-1 thru MW-3 during the January and April 2006 monitoring events, groundwater

in the vicinity of former gasoline and waste oil USTs remains significantly impacted by gasoline-range hydrocarbons above applicable regulatory agency action levels. A trend analysis of historical TPH as gasoline concentrations in monitor well MW-1 indicates that overall total petroleum hydrocarbon concentrations are steadily decreasing reflecting the significant source removal actions undertaken at the site. The trend line suggests that overall TPH as gasoline concentrations have decreased almost one-half from about 150,000 ug/l in October 1999 to about 80,000 ug/l in April 2006. The groundwater plume is apparently captured by the utility corridor along College Avenue and/or sump pump at the adjacent building(s) and ultimately the storm drain system / Harwood Branch conduit.

- Slightly elevated concentrations of TPH-G and benzene, as well as the chlorinated VOC - tetrachloroethene (PCE) occur in the groundwater in the vicinity of piezometer PW-1. Five quarters of groundwater monitoring for PW-1 have revealed PCE concentrations ranging from 25 to 95 ug/l above the ESL screening level of 5 ug/l. Based on the southwesterly groundwater flow reported across the site during this event and the location of PW-1 situated general up-gradient of the former USTs, an additional offsite source may be contributing to the detectable hydrocarbons and PCE in PW-1. However, historical research indicates a residential neighborhood exists to the east of the site and no historical source of contamination is evident. No soil sampling for PCE has been performed in the subject courtyard where PW-1 is located. At this time, the source of PCE contamination in the groundwater of PW-1 is unknown and apparently unrelated to the former USTs.
- Concurrent groundwater monitoring of two Gettler-Ryan monitor wells (GR-MW1 & GR-MW2) is ongoing. These two monitor wells show lower groundwater elevations than onsite wells. A flow direction and gradient based on three points (GR-MW1, GR-MW2 and MW-1) shows a westerly flow (south 127 west) direction and steep groundwater gradient (0.04 ft/ft). During the April 2006 monitoring, well GR-MW2 revealed a TPH gasoline concentration of 180 ug/l and well GR-MW1 was non-detect for TPH as gasoline. Exploratory borings HB-3 and HB-4 located in the vicinity of wells GR-MW1 and GR-MW2 revealed high concentrations of TPH as gasoline in grab water samples of 13,000 and 14,000 ug/l.
- GGTR previously identified a utility corridor along the down-gradient margin of the site as a potential pathway for contaminant migration. The depth of utility lines within the corridor is reported at 12 fbg. The results of groundwater sampling / laboratory analysis of borings within College Avenue indicate that petroleum contaminated groundwater is present within the utility corridor along the northern margin of the site. Exploratory borings HB-3 and HB-4 located within the College Avenue corridor produced grab groundwater samples with significant TPH gasoline concentrations (13,000 & 14,000 ug/L). Apparently, the utility corridor along College Avenue is contaminated with TPH gasoline related to past activities at the former Chevron gasoline station and/or other historical gasoline stations in this area. The utility corridor contamination apparently commingles with the onsite TPH gasoline plume immediately west of the site.
- Based on the findings of the subsurface product pipeline removal / sampling activities and results of this investigation, shallow surface soil directly beneath the piping run, between the former UST cavity and associated fuel dispenser, has not been affected by

gasoline-range hydrocarbons. Three exploratory borings were drilled in the dispenser-piping run area during this investigation. Borings B20 and B24 encountered no significant TPH as gasoline contamination (<63 ppm). Boring B19 encountered soil contaminated with TPH as gasoline of 139 ppm at a depth of 15 feet below grade within the saturated zone. Low concentrations of gasoline hydrocarbons were discovered in soil beneath the former fuel dispenser in boring B7 to a depth of 16 fbg. Upon removal, the product piping to the dispenser was found in good condition and subsequently removed, and does not likely appear to be a potential or contributing source of the elevated gasoline hydrocarbons present in the groundwater at the site.

- Based on the laboratory analytical results of soil samples collected in the soil borings, it appears that only low level, gasoline-range hydrocarbons (i.e., TPH-G, benzene, and total xylenes), below respective Tier 1 RBSL, are present in the soil within the vadose-interface zone interval (less than 8.5 feet deep). No additional investigation or remedial action appears needed to address site soils less than 8 feet below grade. One soil sample (B21-8.5) analysis for total chromium was reported at a concentration of 74 ppm above the ESL of 58 ppm but within the range of Bay Area background chromium concentrations. However, a total of six soil samples have been analyzed at the site for total chromium with concentrations of 49, 34, 38, 74, 43 and 47 ppm. The mean total chromium concentration for these six samples is 47.5 ppm below the ESL of 58 ppm.
- Elevated concentrations of gasoline-range hydrocarbons were detected in the groundwater within the western half of the subject property and extending into the utility corridor beneath College Avenue. Significant concentrations of dissolved-phase TPH-G, benzene, toluene, ethylbenzene, total xylenes, and MTBE appear to extend laterally to the north and west (general down-gradient directions reported in the January and April 2006 measurements). Sheen of petroleum product is commonly observed on groundwater purge water from onsite wells accounting for the relatively high concentrations reported by laboratory analysis. Elevated levels of petroleum-related VOC such as Naphthalene in groundwater samples from exploratory borings and monitor wells are presumed to be associated with the TPH as gasoline contamination at the site. No significant free product phase is observed at the site. TPH as gasoline concentrations in groundwater to the south of the site is constrained by exploratory boring HB-6 with a grab water sample concentration of 45 ug/L.
- A shallow groundwater plume may extend beneath a portion of the adjacent building to the south of the site at 5916-5920 College Avenue. The results of grab groundwater sampling from borings B14 and HB-6 appear to constrain the plume to a small portion of the northwestern corner of the adjacent property. The adjacent building contains vehicle parking and a retail store (T-Mobile at 5916 College Ave.) on the ground floor. Residential apartments appear to be located on the second floor and above. It appears at this time that the potential for gasoline vapor intrusion, if any, impacting the residential living space in this building is low. The subject building overlies the gasoline plume along the western half of the building in the vicinity of the office and bathroom. The building contains an active vehicle repair facility in which petroleum vapors and exhaust is present as part of the work environment. The facility is reportedly well ventilated

during working hours. The potential for vapor intrusion, if any, to significantly impact workers in the vehicle repair shop appears to be low at this time.

RECOMMENDATIONS FOR FUTURE ACTION

Based upon the findings of additional investigation at the subject property, GGTR recommends the following additional actions:

- Groundwater monitoring and sampling of all site monitor wells / piezometer should be continued on a quarterly basis for the existing suite of laboratory analysis chemicals. The top-of-casing elevation for piezometer PW-1 should be professionally surveyed in relation to other site monitoring wells.
- Groundwater conditions have not been verified by an agency-approved groundwater monitoring well located to the south of the site along College Avenue. GGTR recommends the installation of an additional monitor well in the parking strip-sidewalk of College Avenue adjacent to the location of exploratory boring HB-6 and near the adjacent building at 5916-5920 College Avenue. The purpose of the well is to verify groundwater conditions in the down-gradient direction to the southwest of the site. The monitor well would also be used to estimate impact to groundwater beneath the adjacent building at 5916-5920 College Avenue.
- Five quarters of groundwater monitoring have revealed PCE contamination of groundwater at the location of piezometer PW-1. The PCE appears unrelated to the UST investigation at the site and may be related to an off-site source of PCE contamination. GGTR recommends two additional hand augur soil borings in the vicinity of the storm drain within the concrete-paved rear courtyard of the subject property. The purpose of the borings is to investigate for PCE contamination of shallow soils within the courtyard as a potential source of PCE contamination. The soil sample collected from the boring would be analyzed for total petroleum hydrocarbons as gasoline and VOCs.
- GGTR recommends submitting a work plan to implement installation of the additional monitor well and two soil borings at the site. The results would be used to complete a Site Conceptual Model to assess all potential exposure pathways that may exist at the site and determine the risk, if any, to human health and the environment. Following completion of the Site Conceptual Model and review by the ACHCSA, GGTR recommends the preparation of a Corrective Action Plan and Feasibility Study for soil/groundwater abatement, if required by the ACHCSA.

GEOTRACKER AB2886 ELECTRONIC SUBMITTAL

Following receipt of all analytical data submitted by NSL and Entech in electronic deliverable format (EDF), GGTR uploaded the data to the State Water Resources Control Board's GeoTracker Database System (State Assembly Bill 2886). GGTR uploaded the analytical data as well as the Fluid-Level Monitoring Data (GEO_WELL), GGTR also uploaded all boring/well construction logs (GEO_BORE), a current site plan (GEO_MAP), and a copy of this report (GEO_REPORT) in Portable Data Format (PDF) to the GeoTracker Database. The table presented below presents the confirmation numbers for the subject GeoTracker submittals. EDF reports for Laboratory Report Nos. 05-0498 & 05-0540 were not submitted by NSL, and thus not uploaded to the GeoTracker database.

Geotracker Upload Confirmation

Submittal Title	Confirmation Number	Description
EDF		
05-0642: Soil/GW Sample Analytical Data – B12 to B24	6308827102	Boring Soil/GW Sample Analytical Data
05-0761: GW Sample Analytical Data – B14,B15,B17,B20	9815843820	Boring GW Sample Analytical Data
44111: Soil Sample Analytical Data – B21 & B22	9902001202	Boring Soil Sample Analytical Data
44112: Soil/GW Analytical Data – B21 & B23	6761783540	Boring Soil/GW Sample Analytical Data
44322: GW Analytical Data – B23,HB-3,HB-4,HB-6	7190087258	Boring GW Sample Analytical Data
47376: Analytical Data MW1-PW1 (01/13/06) 47376	1106026649	1 st Quarter 2006 GWM Analytical Data
48991: GW Well Analytical Data – MW-1 to MW-3, PW-1	7678564190	2 nd Quarter 2006 GWM Analytical Data
GEO_WELL		
Fluid Level Monitoring Data; MW1-PW1, 01/13/06	3202392399	1 st Quarter 2006 Well Fluid Level Data
Fluid Level Monitoring Data; MW-1 to MW-3, PW-1 (04/14/06)	6986280679	2 nd Quarter 2006 Well Fluid Level Data
OTHER		
GEO_BORE	Multiple (See Attachments)	Boring Logs B12 through B24, HB-1 to HB-6
GEO_MAP	8517715275	Site Plan (August 2006)
GEO_REPORT	See GeoTracker	This Report

A copy of each associated GeoTracker AB2886 EDD Upload Confirmation Form is presented in Appendix E.

WASTE MANAGEMENT

Auger soil cuttings and excess sample soil not submitted for laboratory analysis generated during the installation of PW-1 and other direct push soil borings were transferred to 55-gallon D.O.T.-approved steel drums and temporarily stored onsite in a secure area onsite. All drilling and sampling equipment wash and rinse water was contained in a separate drum, which remained onsite for future monitoring and/or investigation use. On August 8, 2005, GGTR transported the drummed soil cuttings (@ 1 ton) under Non-Hazardous Waste Manifest No. 74496 to Allied Waste's Class II Forward Landfill facility in Manteca, California. A copy of the solid waste manifest and associated weight ticket is included in Attachment E.

The well purge water and equipment wash and rinse water generated during the January 13, 2006 monitoring event (approximately 35 gallons), as well as that generated during the previous monitoring/investigation events (75 gallons), was transferred to 55-gallon steel drums and stored onsite in a secure area. On January 19, 2006, Clearwater Environmental Management, Inc. pumped approximately 110 gallons of liquid waste from the drums and transported the Non RCRA Hazardous Waste Liquid under Uniform Waste Manifest No. 24773452 to the Alviso Independent Oil Facility in Alviso, California.

The well purge water and equipment wash and rinse water generated during the April 14, 2006 monitoring events (@ 45 gallons) was also transferred to a 55-gallon D.O.T.-approved steel drum and temporarily stored onsite. On May 11, 2006, Clearwater Environmental Management, Inc. pumped approximately 45 gallons of liquid waste from the drums and transported the Non RCRA Hazardous Waste Liquid under Uniform Waste Manifest No. 24976417 to the Alviso Independent Oil facility. A copy of the liquid waste manifests is included in Attachment E.

LIMITATIONS

It should be understood that all environmental assessments are inherently limited in that conclusions are drawn and recommendations developed from information obtained from limited research and visual observations. Subsurface conditions change significantly with distance and time and therefore may differ from the conditions implied by subsurface investigation. It must be noted that no investigation can absolutely rule out the existence of any hazardous or petroleum substances at a given site. Existing hazardous materials and contaminants can escape detection using these methods. The work performed in conjunction with this assessment and the data developed are intended as a description of available information at the dates and location given. GGTR professional services have been performed, with findings obtained and recommendations prepared in accordance with customary principles and practices in the field of environmental science, at the time of the assessment. This warranty is in lieu of all other warranties either expressed or implied.

GGTR is not responsible for the accuracy of information reported by others or the independent conclusions, opinions or recommendations made by others based on the field exploration presented in this report. The findings 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 scope of services conducted in execution of this phase of 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 the sole risk of said user. The figures, drawings and plates presented in this report are only for the purposes of environmental assessment and no other use is recommended. No other third party may rely on this report, figures or plates for any other purpose.

REPORT DISTRIBUTION

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

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

*(1 Electronic Copy via ACHCSA FTP)
(1 Electronic Copy via GeoTracker)*

William G Sheaff Trust
c/o Mr. Brian Sheaff
1945 Parkside Drive
Concord, California 94519

(1 Copy, Unbound)

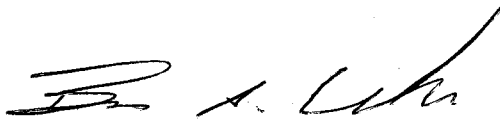
CERTIFICATION

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.

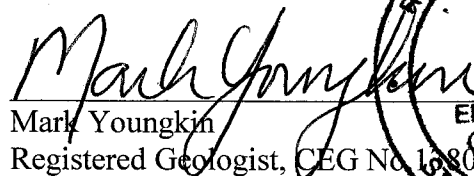
Golden Gate Tank Removal, Inc.

Authored By:

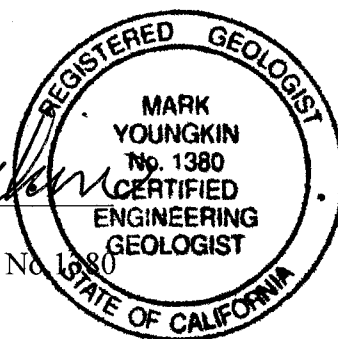


Brent A. Wheeler
Project Engineer

Reviewed By:

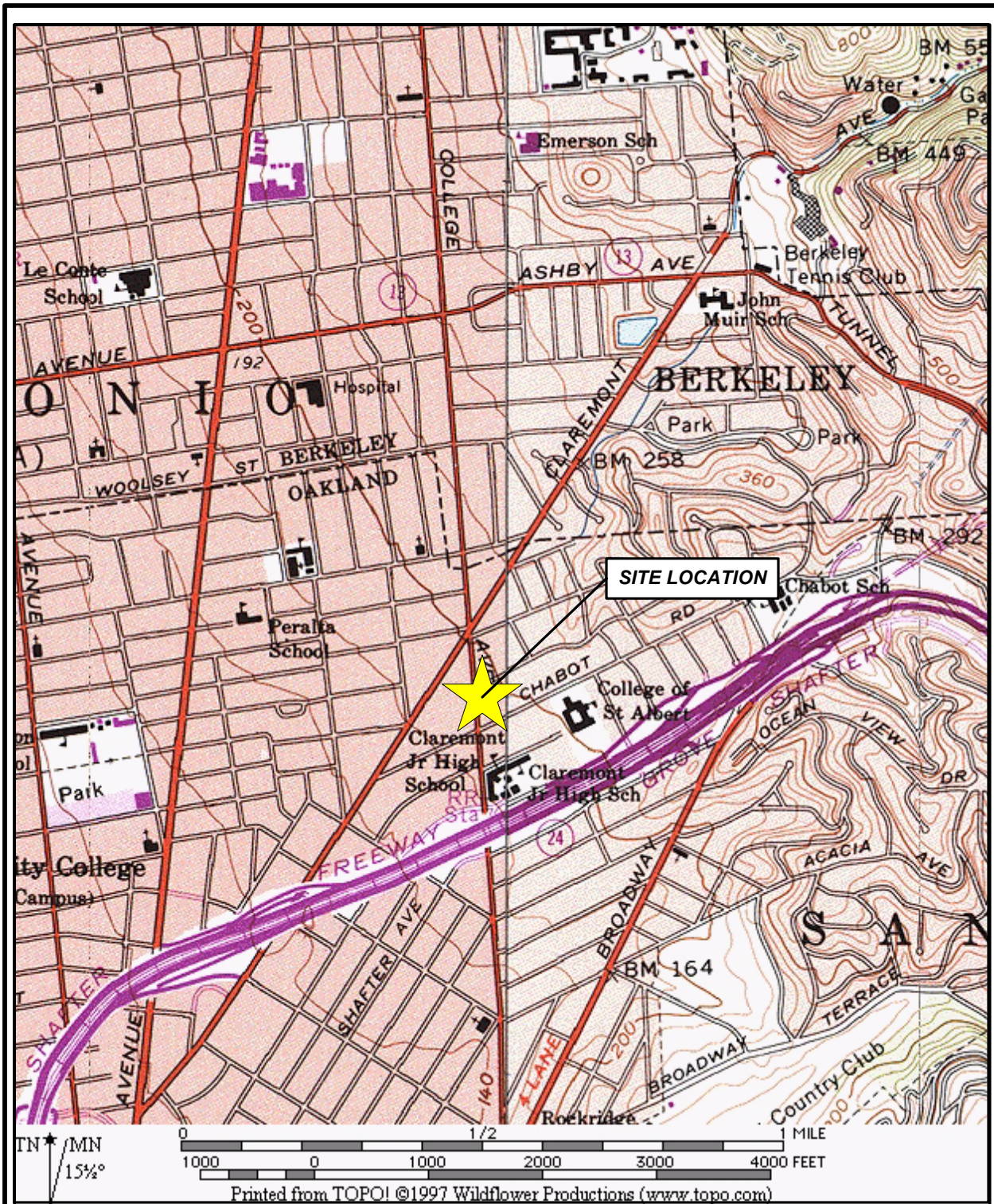


Mark Youngkin
Registered Geologist, CEG No. 1380



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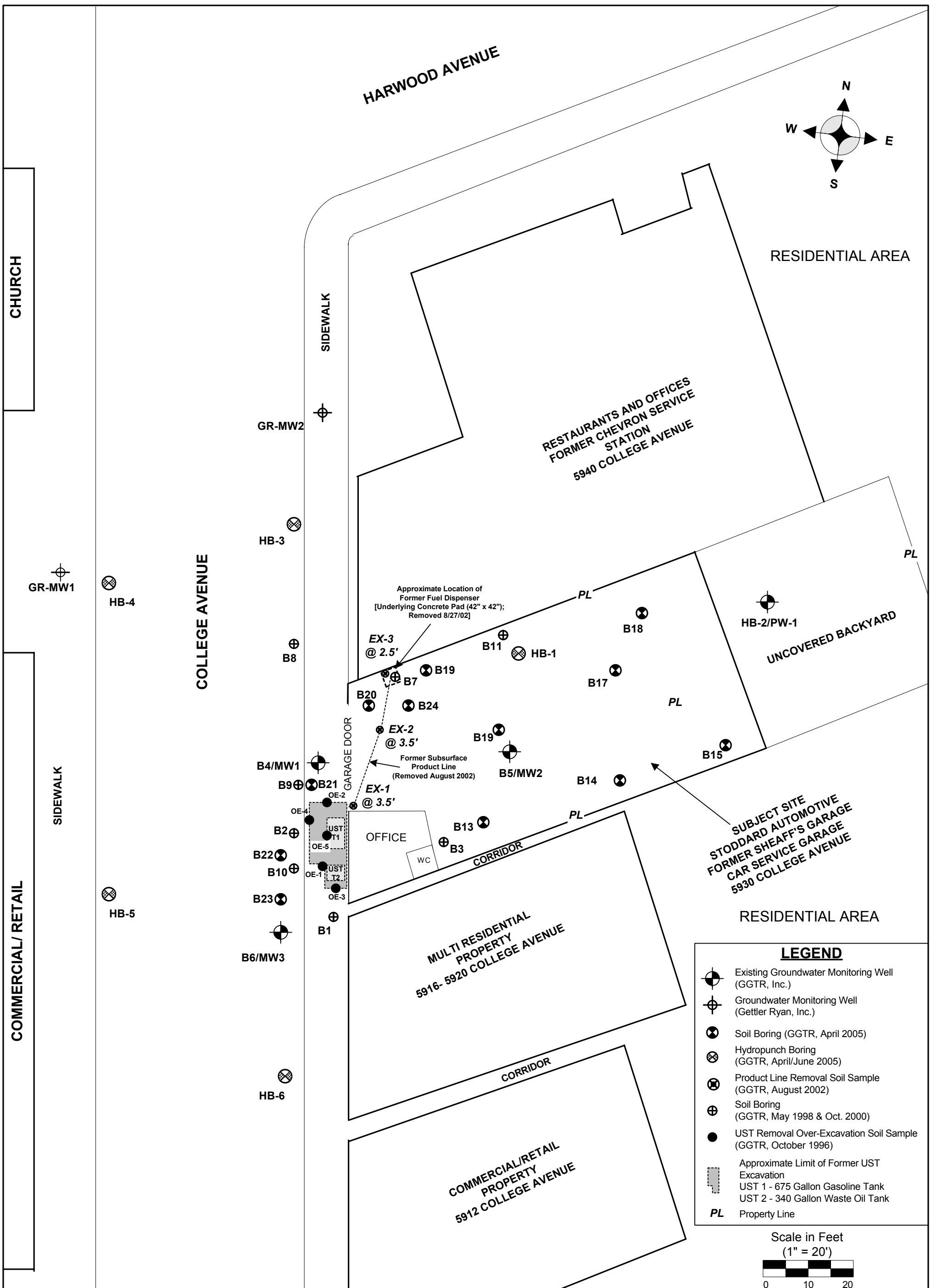
SITE LOCATION MAP
 Sheaff's Garage
 5930 College Avenue
 Oakland, California

GGTR Project No. 7335

Dwg: baw/11.01

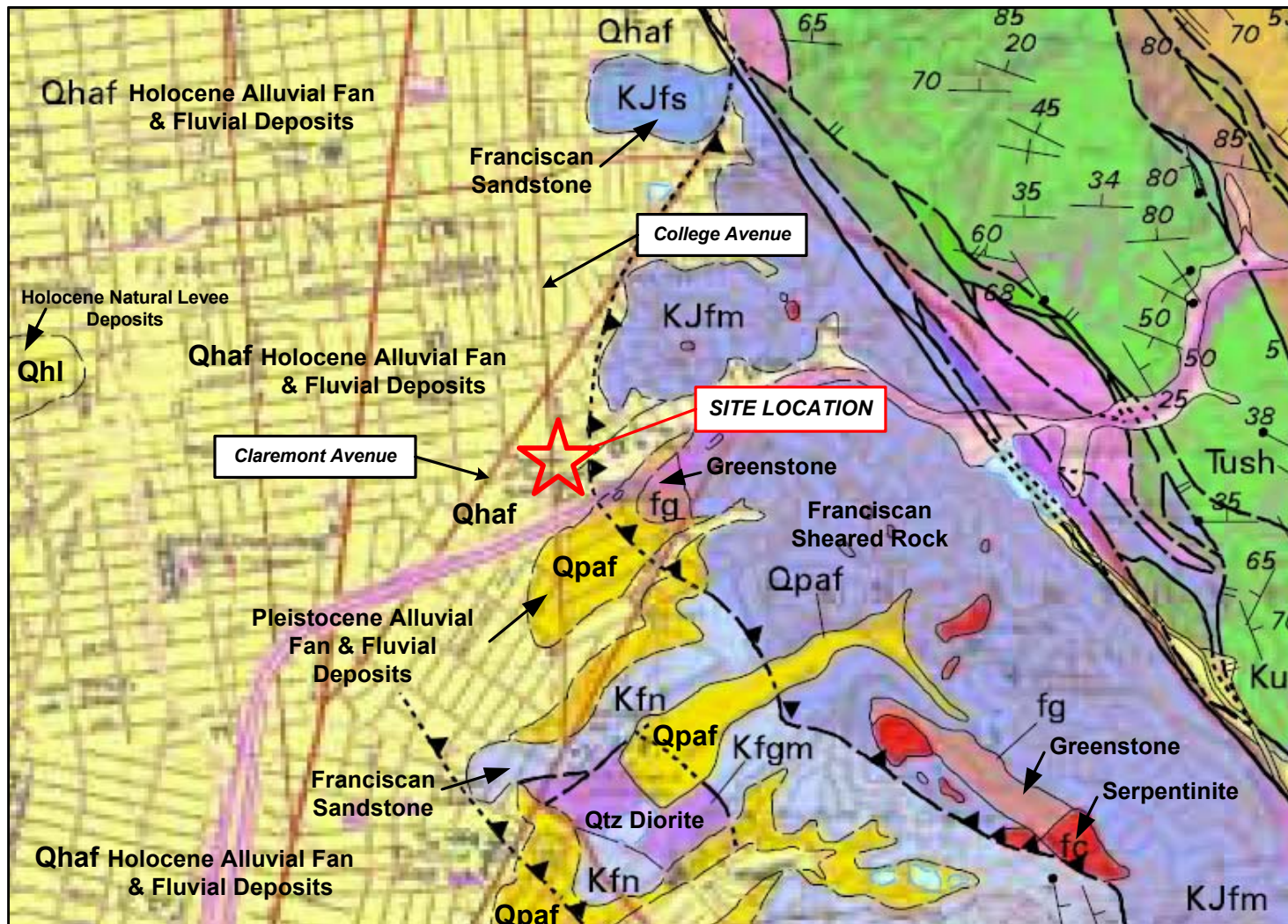
August 2006

Figure 1



GOLDEN GATE TANK REMOVAL, INC.
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SITE PLAN
 Sheaff's Service Garage
 5930 College Avenue
 Oakland, California



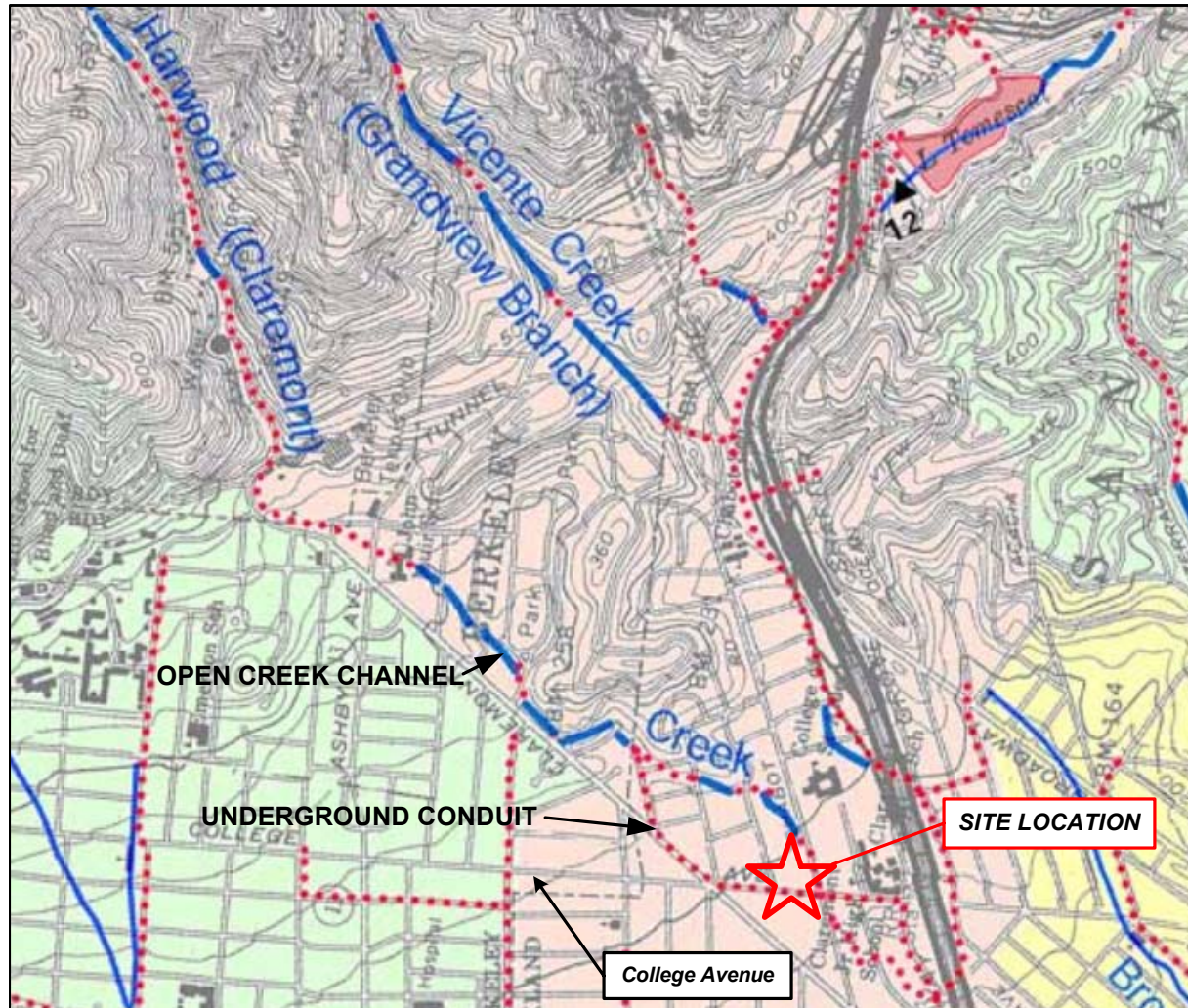
A portion of Geologic Map and Map Database of the Oakland Metropolitan Area, Alameda, Contra Costa, and San Francisco Counties, California, 2000, by R.W. Graymer, U.S. Geological Survey Misc. Field Studies MF-2342; North to top; See report text for explanation of geologic units shown on map; Scale about 3 inches per mile.

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GEOLOGIC MAP

Sheaff's Garage
5930 College Avenue, Oakland, California



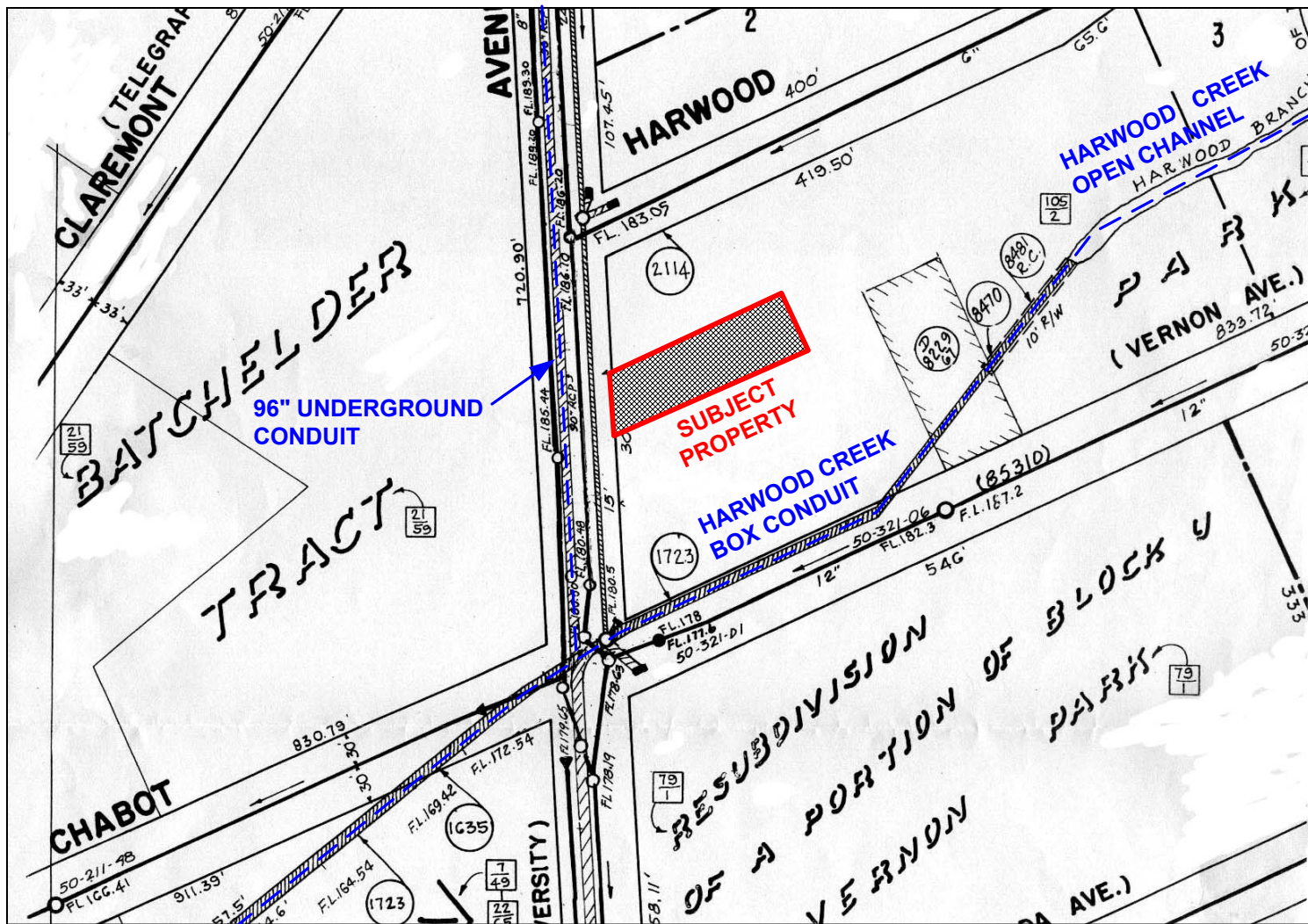
Portion of Guide to San Francisco Bay Area Creeks, Creek and Watershed Map of Oakland and Berkeley, rev. 2000, Janet M. Sowers, The Oakland Museum of California; North to left of map; Scale about 3 inches per mile.

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REGIONAL MAP OF CREEKS & CONDUITS

Sheaff's Garage
 5930 College Avenue, Oakland, California



Portion of Alameda County plat maps showing location of subject property in relation to Harwood Branch and associated Harwood Creek storm conduits located both west and east of the site; North to top; Scale about 1" = 100 feet.

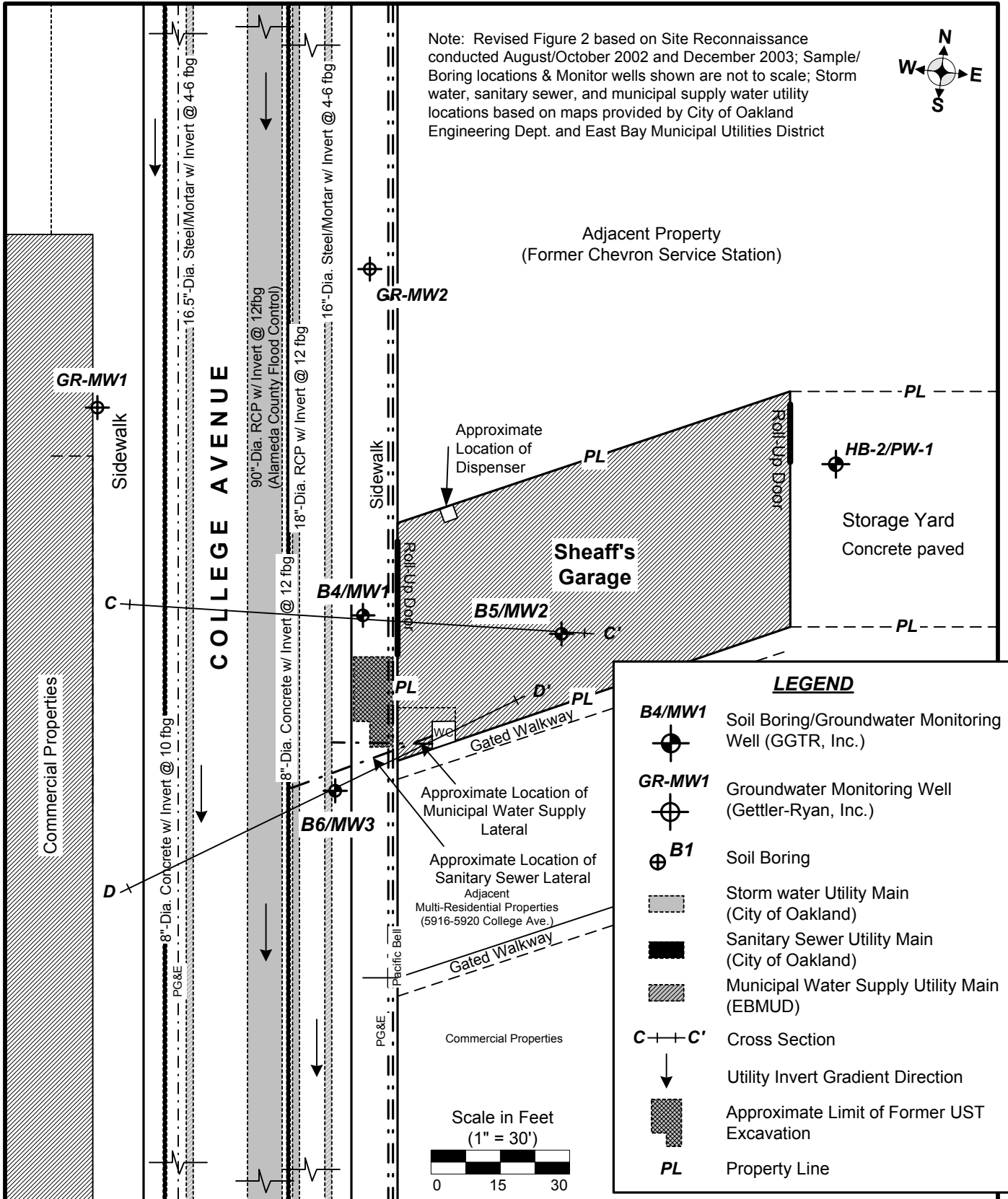
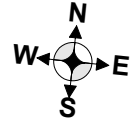
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LOCAL MAP OF STORM CONDUITS

Sheaff's Garage
 5930 College Avenue, Oakland, California

Note: Revised Figure 2 based on Site Reconnaissance conducted August/October 2002 and December 2003; Sample/Boring locations & Monitor wells shown are not to scale; Storm water, sanitary sewer, and municipal supply water utility locations based on maps provided by City of Oakland Engineering Dept. and East Bay Municipal Utilities District



Adjacent Property
(Former Chevron Service Station)

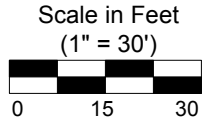
HB-2/PW-1

Storage Yard
Concrete paved

Sheaff's
Garage

LEGEND

- B4/MW1 Soil Boring/Groundwater Monitoring Well (GGTR, Inc.)
- GR-MW1 Groundwater Monitoring Well (Gettler-Ryan, Inc.)
- B1 Soil Boring
- Storm water Utility Main (City of Oakland)
- Sanitary Sewer Utility Main (City of Oakland)
- Municipal Water Supply Utility Main (EBMUD)
- C + + C' Cross Section
- Utility Invert Gradient Direction
- Approximate Limit of Former UST Excavation
- PL Property Line



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SUBSURFACE UTILITY MAP
Sheaff's Garage
5930 College Avenue, Oakland, California

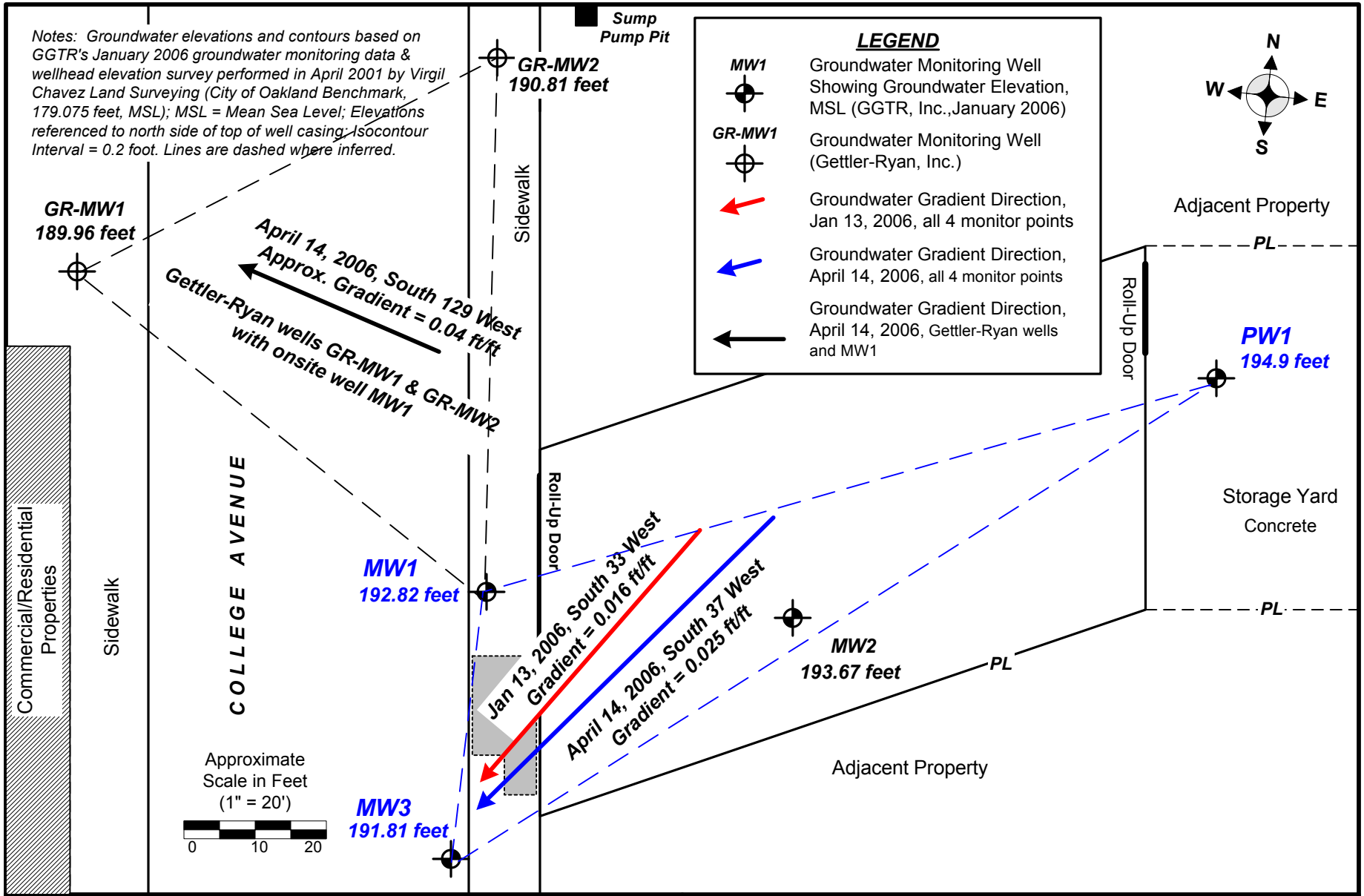
GGTR Project No. 7335

Fn: 7335.sc.wp.F3

Figure By: baw/12.03

Figure 6

Notes: Groundwater elevations and contours based on GGTR's January 2006 groundwater monitoring data & wellhead elevation survey performed in April 2001 by Virgil Chavez Land Surveying (City of Oakland Benchmark, 179.075 feet, MSL); MSL = Mean Sea Level; Elevations referenced to north side of top of well casing. Isocontour Interval = 0.2 foot. Lines are dashed where inferred.



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GROUNDWATER FLOW DIRECTION

Sheaff's Garage
 5930 College Avenue, Oakland, California

Notes: Hydraulic gradients shown correspond to quarterly monitoring events conducted between October 1999 and January 2006; Quarterly monitoring not conducted between October 2002 and 2003; Gradient magnitude lines shown are based upon a 10 foot line length = 0.005 ft/ft (July 2001 Gradient).

GR-MW1



Sidewalk

Gradient Data		
#	Date	Gradient
1	10/7/99	S11W@0.007
2	1/26/00	N23W@0.091
3	10/25/00	N40E@0.006
4	4/25/01	N55W@0.007
5	7/10/01	N4E@0.005
6	10/8/01	N48E@0.016
7	1/7/02	S52W@0.023
8	4/8/02	S43E@0.006
9	7/9/02	N51W@0.007
10	10/23/02	N71E@0.032
11	10/15/03	N28E@0.01
12	2/2/04	S18E@0.005
13	4/23/04	S77E@0.005
14	7/19/04	N51W@0.001
15	10/22/04	N82W@0.029
16	1/21/05	S16W@0.0125
17	4/14/05	S13E@0.011
18	7/26/05	N56W@0.0008
19	10/14/05	N27W@0.002
20	01/13/06	S33W@0.016
21	04/14/06	S37W@0.025





GR-MW2

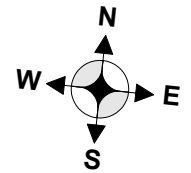


Sidewalk

Sump Pump Pit

LEGEND

-  MW1 Groundwater Monitoring Well (GGTR)
-  GR-MW1 Groundwater Monitoring Well (Gettler-Ryan, Inc.)
-  Hydraulic Gradient Direction, Magnitude and Designation #
-  PL Property Line



Adjacent Property

PW1
Storage Yard

Concrete

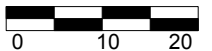
**Stoddard Automotive
(Former Sheaff's Garage)**

MW2



Adjacent Property

Approximate Scale in Feet
(1" = 20')

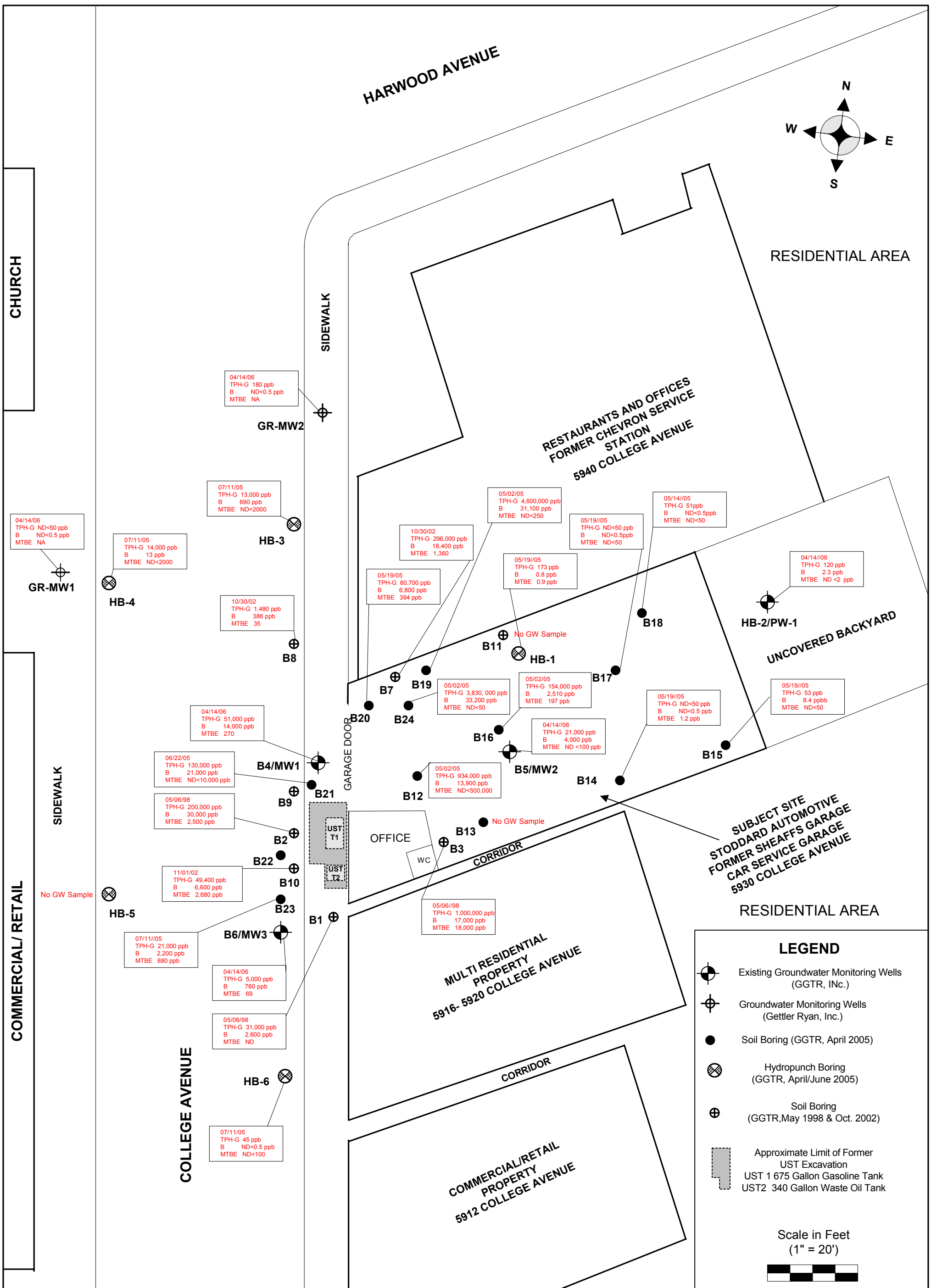


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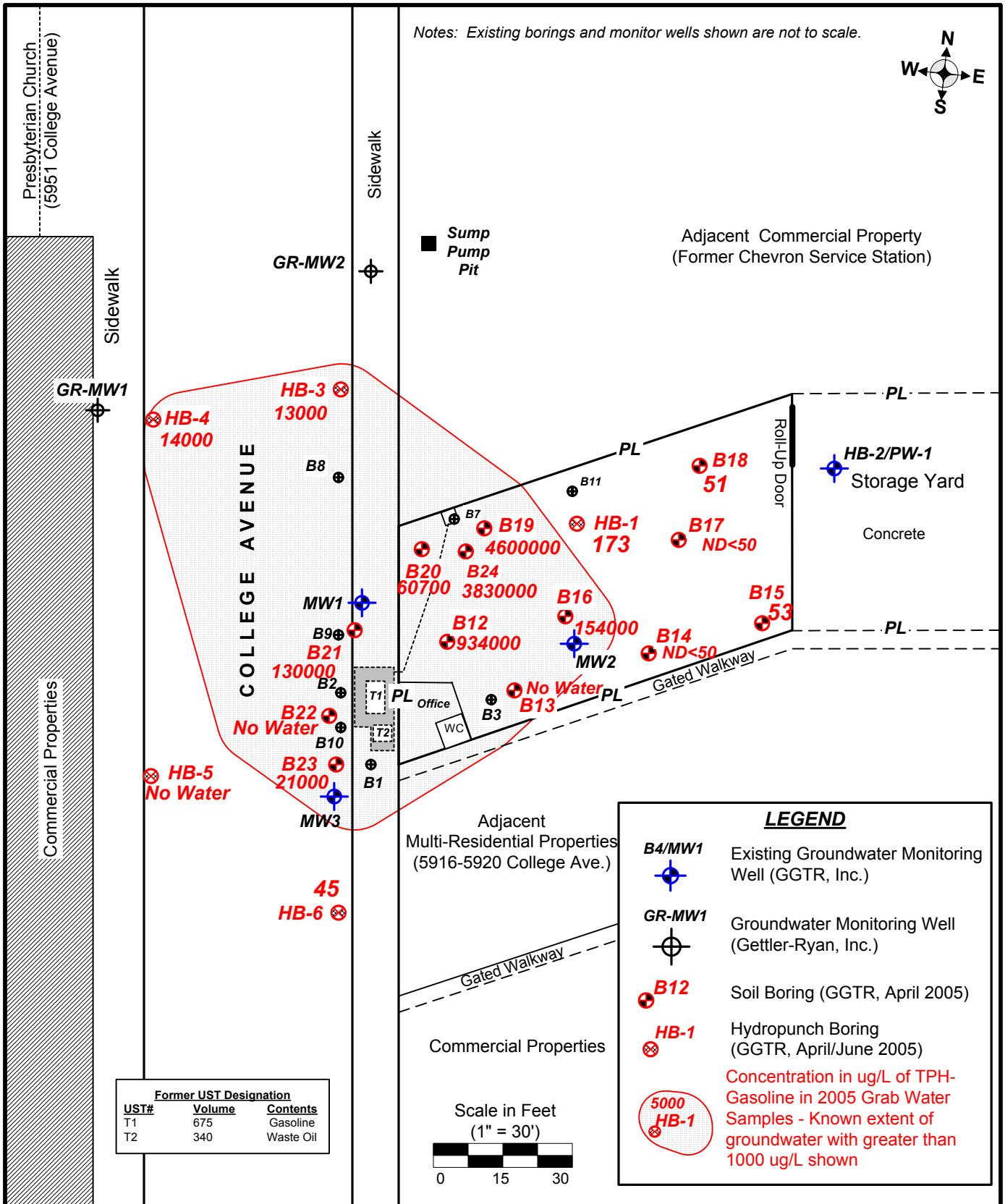
ROSE DIAGRAM: HISTORICAL HYDRAULIC GRADIENT

Sheaff's Garage
5930 College Avenue, Oakland, California



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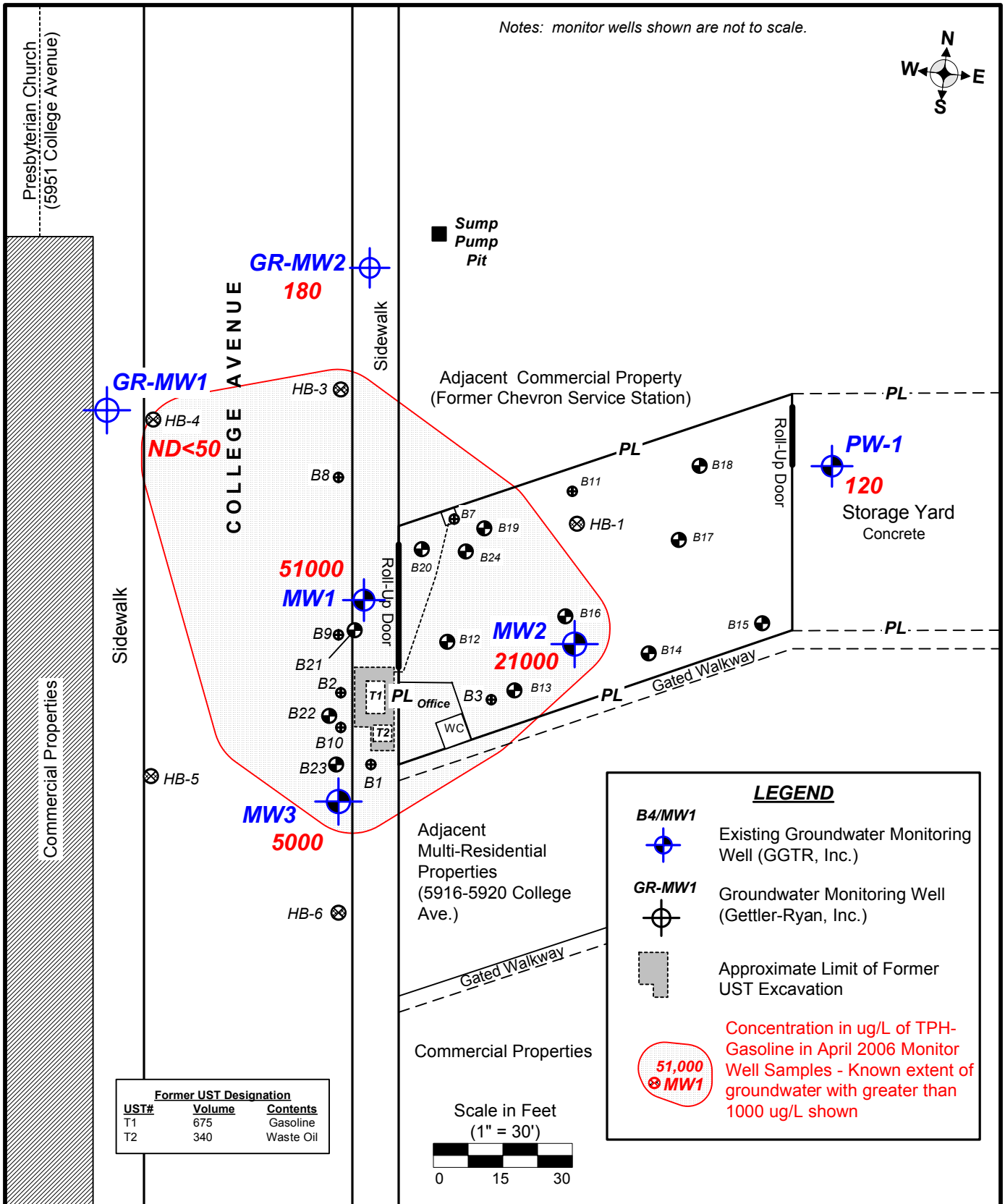
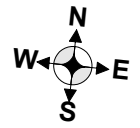
TPH-G, Benzene, and MTBE in Groundwater
 Sheaff's Service Garage
 5930 College Avenue
 Oakland, California



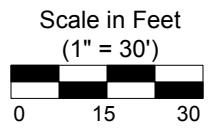
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 San Francisco, CA 94107
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TPH-G IN 2005 GRAB WATER SAMPLES
 Sheaff's Garage
 5930 College Avenue, Oakland, California

Notes: monitor wells shown are not to scale.



Former UST Designation		
UST#	Volume	Contents
T1	675	Gasoline
T2	340	Waste Oil



LEGEND

- B4/MW1** Existing Groundwater Monitoring Well (GGTR, Inc.)
- GR-MW1** Groundwater Monitoring Well (Gettler-Ryan, Inc.)
- Approximate Limit of Former UST Excavation
- Concentration in ug/L of TPH-Gasoline in April 2006 Monitor Well Samples - Known extent of groundwater with greater than 1000 ug/L shown

51,000 **MW1**

TPH Gasoline in Groundwater

Historical Groundwater Monitoring of Wells MW1-MW3

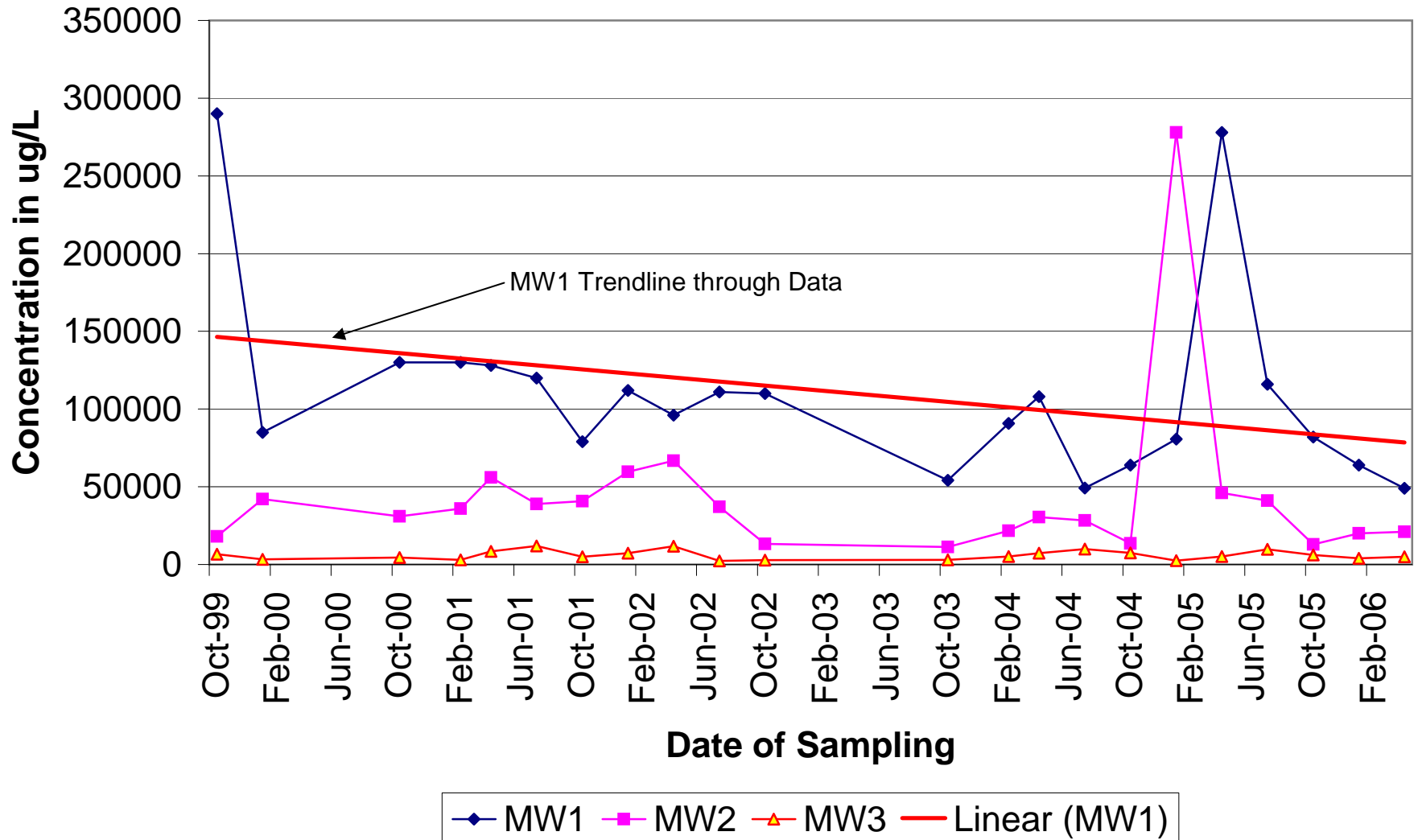


TABLE 1A
Results of Soil Sample Analysis for Petroleum Hydrocarbon Constituents
5930 College Avenue, Oakland, CA

Sample Location	Sample ID	Sample Depth (fbg)	Sample Date	TPH-G (mg/Kg)	TRPH (mg/Kg)	TPH-D (mg/Kg)	TEPH (mg/kg)	MTBE (mg/Kg)	Oxygenates (mg/Kg)	B/T/E/X (mg/Kg)
north end of T1 excavation	7189-T1-N	8	8/6/1996	6000.00	--	--	--	--	--	19/240/76/470
south end of T2 excavation	7189-T1-S	8		8100.00	--	--	--	--	--	16/240/72/530
center of T1 excavation	7189-T1-C-10	10		1200.00	--	--	--	--	--	9.1/68/10/79
center of T2 excavation	7189-T2-C	8		560.00	16000.00	ND	--	--	--	2.7/16/3.3/33
T1 Soil Stockpile	7189-SP1	--		ND	--	ND	--	--	--	ND/ND/ND/ND
T2 Soil Stockpile	7189-SP2	--		1.30	14000.00	ND	--	--	--	ND/ND/ND/0.020
over-excavated pit of T1 & T2	7189-OE-1	10.5	10/2/1996	14001.00	1700.00	ND	--	--	--	9.8/81/14/110 ¹
over-excavated pit of T1 & T2	7189-OE-2	10.5		8401.00	320.00	ND	--	--	--	3.3/51/12/91 ¹
over-excavated pit of T1 & T2	7189-OE-3	10.5		ND	21.00	ND	--	--	--	ND/0.01/ND/0.027
over-excavated pit of T1 & T2	7189-OE-4	10.5		4301.00	240.00	ND	--	--	--	0.93/18/4.6/41 ¹
over-excavated pit of T1 & T2	7189-OE-5	10.5		14001.00	1100.00	ND	--	--	--	2.2/40/14/120 ¹
CRWQCB February 2005 ESL - Residential/Commercial				100.00	100.00	100.00	100.00	0.02	NC	0.04/2.9/3.3/2.3

Table Notes Following

TABLE 1A (Cont'd)
Results of Soil Sample Analysis for Petroleum Hydrocarbon Constituents
5930 College Avenue, Oakland, CA

Sample Location	Sample ID	Sample Depth (fbg)	Sample Date	TPH-G (mg/Kg)	TRPH (mg/Kg)	TPH-D (mg/Kg)	TEPH (mg/kg)	MTBE (mg/Kg)	Oxygenates (mg/Kg)	B/T/E/X (mg/Kg)
B1	7335-B1-5	5	5/6/1998	ND	--	--	ND	ND<0.005	--	ND/ND/ND/ND
	7335-B1-9	9		75.00	--	--	53.00	0.06	--	0.07/0.04/0.53/1
B2	7335-B2-5	5		0.60	--	--	60.00	0.03	--	ND/ND/ND/ND
	7335-B2-9	9		2800.00	--	--	ND	ND<0.005	--	13/78/38/160
B3	7335-B3-6	6		ND	--	--	ND	ND<0.005	--	ND/ND/ND/ND
	7335-B3-10	10		48.00	--	--	ND	ND<0.005	--	0.5/0.6/0.5/2
B4 (MW1)	7335-B4-5	5		ND	--	--	ND	ND<0.005	--	ND/ND/ND/0.02
	7335-B4-9	9		280.00	--	--	ND	1.00	--	4/8/6/27
B5 (MW2)	7335-B5-3.0	3	Oct-99	ND	--	--	ND	ND<0.005	--	ND/ND/ND/ND
	7335-B5-5.0	5		ND	--	--	ND	ND<0.005	--	ND/ND/ND/ND
	7335-B5-9.0	9		ND	--	--	ND	ND<0.005	--	ND/ND/ND/ND
	7335-B5-15.5	15.5		2.80	--	--	ND	ND<0.005	--	0.69/0.092/0.066/0.22
	7335-B5-20.0	20		ND	--	--	ND	ND<0.005	--	0.028/0.021/0.007/0.029
B6 (MW3)	7335-B6-5.0	5	ND	--	--	200.00	ND<0.005	--	ND/ND/ND/ND	
	7335-B6-10.0	10	1.50	--	--	ND	ND<0.005	--	ND/ND/0.005/0.013	
	7335-B6-15.0	15	ND	--	--	ND	0.03	--	ND/ND/ND/ND	
	7335-B6-19.0	19	ND	--	--	ND	0.04	--	ND/ND/ND/ND	
CRWQCB February 2005 ESL - Residential/Commercial				100.00	100.00	100.00	100.00	0.02	NC	0.04/2.9/3.3/2.3

Table Notes Following

TABLE 1A (Cont'd)
Results of Soil Sample Analysis for Petroleum Hydrocarbon Constituents
5930 College Avenue, Oakland, CA

Sample Location	Sample ID	Sample Depth (fbg)	Sample Date	TPH-G (mg/Kg)	TRPH (mg/Kg)	TPH-D (mg/Kg)	TEPH (mg/Kg)	MTBE (mg/Kg)	Oxygenates (mg/Kg)	B/T/E/X (mg/Kg)
B7	7335-B7-8	8	10/30/2002	1.71	--	--	--	ND<0.005	--	0.005/ND<0.005/ND<0.005/ND<0.01
	7335-B7-13	13		20.10	--	--	--	ND<0.005	--	0.720/0.162/0.803/2.5
	7335-B7-16	16		61.80	--	--	--	ND<0.02	--	0.762/2.37/1.4/6.34
	7335-B7-20	20		1.97	--	--	--	ND<0.005	--	0.020/0.034/0.032/0.140
B8	7335-B8-12	12		0.61	--	--	--	ND<0.005	--	ND<0.005/ND<0.005/ND<0.005/ND<0.005
	7335-B8-16	16		14.00	--	--	--	ND<0.005	--	0.184/0.019/0.495/0.628
	7335-B8-20	20		5.66	--	--	--	ND<0.005	--	0.037/0.136/0.105/0.461
B9	7335-B9-12	12		27.40	--	--	--	ND<0.005	--	0.097/0.027/0.171/0.161
	7335-B9-15	15		47.50	--	--	--	ND<0.005	--	1.12/1.96/2.09/9.46
	7335-B9-20	20		0.86	--	--	--	ND<0.005	--	ND<0.005/0.007/0.010/0.049
B10	7335-B10-11	11		81.80	--	--	ND	0.18	--	0.444/2.26/1.65/8.84
	7335-B10-15	15		479.00	--	--	ND	ND<0.250	--	4.16/15.9/9.21
	7335-B10-17	17	7.44	--	--	ND	ND<0.005	--	0.036/0.075/0.079/0.442	
B11	7335-B11-8	8	ND	--	--	--	ND<0.005	--	ND<0.005/ND<0.005/ND<0.005/0.014	
	7335-B11-13	13	ND	--	--	--	ND<0.005	--	ND<0.005/ND<0.005/ND<0.005/ND<0.01	
CRWQCB February 2005 ESL - Residential/Commercial				100.00	100.00	100.00	100.00	0.02	NC	0.04/2.9/3.3/2.3

Table Notes Following

TABLE 1A (Cont'd)
Results of Soil Sample Analysis for Petroleum Hydrocarbon Constituents
5930 College Avenue, Oakland, CA

Sample Location	Sample ID	Sample Depth (fbg)	Sample Date	TPH-G (mg/Kg)	TRPH (mg/Kg)	TPH-D (mg/Kg)	TEPH (mg/Kg)	MTBE (mg/Kg)	Oxygenates (mg/Kg)	B/T/E/X (mg/Kg)
B12	B12-7	7	4/30/2005	ND<0.5	--	--	--	ND<0.005	--	<0.005/0.006/<0.005/0.021
	B12-10	10		0.62	ND<10	--	ND<50	ND<0.005	ND≤0.5	<0.005/<0.005/<0.005/0.011
	B12-15	15		79.50	ND<10	--	ND<50	0.03	ND≤0.5	0.537/0.394/0.826/2.740
	B12-20	20		2.73	--	--	--	0.12	--	0.016/0.035/0.045/0.208
B16	B16-7.5	7.5		1.90	--	--	--	ND<0.005	--	<0.005/0.013/0.027/0.113
	B16-9.5	9.5		ND<0.5	--	--	--	ND<0.005	--	<0.005/<0.005/0.009/0.037
	B16-15	15		5.27	--	--	--	ND<0.005	ND≤0.5	0.061/0.014/0.061/0.190
	B16-25	25		ND<0.5	--	--	--	0.06	ND≤0.5	<0.005/0.007/0.010/0.042
B19	B19-7	7		ND<0.5	--	--	--	ND<0.005	ND≤0.5	<0.005/<0.005/<0.005/<0.01
	B19-10	10		0.99	--	--	--	0.02	ND≤0.5	<0.005/<0.005/<0.005/<0.01 0
	B19-15	15		139.00	--	--	--	ND<0.020	ND≤2.0	0.841/0.995/4.290/12.00
	B19-20	20		10.00	--	--	--	ND<0.005	ND≤0.5	0.039/0.033/0.052/0.182
	B19-24	24	8.15	--	--	--	ND<0.005	ND≤0.5	0.094/0.163/0.091/0.341	
CRWQCB February 2005 ESL - Residential/Commercial				100.00	100.00	100.00	100.00	0.02	NC	0.04/2.9/3.3/2.3

Table Notes Following

TABLE 1A (Cont'd)
Results of Soil Sample Analysis for Petroleum Hydrocarbon Constituents
5930 College Avenue, Oakland, CA

Sample Location	Sample ID	Sample Depth (fbg)	Sample Date	TPH-G (mg/Kg)	TRPH (mg/Kg)	O&G (mg/Kg)	TEPH (mg/Kg)	MTBE (mg/Kg)	Oxygenates (mg/Kg)	B/T/E/X (mg/Kg)
B20	B20-7	7		0.52	--	--	--	ND<0.005	ND≤0.5	0.022/<0.005/0.014/0.023
	B20-15	15		63.60	--	--	--	ND<0.020	ND≤0.5	0.395/0.491/0.961/2.750
	B20-20	20		3.97	--	--	--	0.09	ND≤0.5	0.013/0.019/0.069/0.271
B21	B21-6.5	6.5	6/22/2005	ND<0.05	--	--	--	ND<0.005	ND<0.005 (EDB,EDC)	<0.005/<0.005/<0.005/<0.010
	B21-8.5	8.5		14.00	--	ND<25	--	ND<0.250	--	<0.250/<0.250/<0.250/<0.500
	B21-11.5	11.5		170.00	--	--	--	ND<5	ND<5 (EDB,EDC)	<5/<5/<5/13
	B21-14.5	14.5		970.00	--	--	--	ND<25	ND<25 (EDB,EDC)	<25/28/<25/100
	B21-19.5	19.5		6.90	--	--	--	ND<0.250	ND<0.25 (EDB,EDC)	<0.250/<0.250/<0.250/1.2
	B21-24.5	24.5		73.00	--	--	--	ND<0.250	ND<0.25 (EDB,EDC)	0.280/1.30/1.30/7.0
B22	B22-6.5	6.5		0.10	--	--	--	ND<0.005		<0.005/0.0052/<0.005/0.011
	B22-10	10		100.00	--	ND<25	--	ND<0.50	ND<25 (EDB,EDC)	<0.5/<0.680/<0.5/3.0
	B22-14.5	14.5		0.25	--	--	--	ND<0.005	ND<0.005 (EDB,EDC)	<0.005/<0.005/<0.005/<0.010
	B22-19.5	19.5		0.06	--	--	--	0.07	ND<0.005 (EDB,EDC)	<0.005/<0.005/<0.005/<0.010
	B22-24.5	24.5		0.07	--	--	--	0.09	ND<0.005 (EDB,EDC)	<0.005/<0.005/<0.005/<0.010
CRWQCB February 2005 ESL - Residential/Commercial				100.00	100.00	100.00	100.00	0.02		0.04/2.9/3.3/2.3

Table Notes Following

TABLE 1A (Cont'd)
Results of Soil Sample Analysis for Petroleum Hydrocarbon Constituents
5930 College Avenue, Oakland, CA

Sample Location	Sample ID	Sample Depth (fbg)	Sample Date	TPH-G (mg/Kg)	TRPH (mg/Kg)	O&G (mg/Kg)	TEPH (mg/Kg)	MTBE (mg/Kg)		B/T/E/X (mg/Kg)
B23	B23-6	6	6/22/2005	ND<0.05	--	--	--	ND<0.005		<0.005/<0.005/<0.005/<0.010
	B23-10	10		300.00	--	230.00	--	ND<2.50		<2.5/<2.5/5.1/29
	B23-11.5	11.5		420.00	--	--	--	ND<5		<5.0/16.0/9.2/53
	B23-15	15		870.00	--	--	--	ND<2.50		<2.5/<2.5/19/76
	B23-17	17		910.00	--	--	--	ND<5		<5.0/28/20/110
	B23-19.5	19.5		0.06	--	--	--	ND<0.005		<0.005/<0.005/<0.005/<0.010
	B23-24.5	24.5		0.06	--	--	--	0.05		<0.005/<0.005/<0.005/<0.010
B24	B24-7	7	4/30/2005	3.75	--	--	--	ND<0.005	ND≤0.5	0.006/0.009/0.048/0.203
	B24-10	10		1.29	--	--	--	0.07	ND≤0.5	0.006/<0.005/0.015/0.066
	B24-15	15		31.10	--	--	--	ND<0.020	ND≤0.5	0.341/0.112/0.490/0.789
	B24-22	22		27.30	--	--	--	0.08	ND≤0.5	0.260/0.272/0.747/2.140
PW-1	PW1-4.5	4.5	4/5/2005	ND<0.5	--	--	--	ND<0.005	ND≤0.5	<0.005/<0.005/<0.005/<0.010
	PW1-6	6		ND<0.5	--	--	--	ND<0.005	ND≤0.5	<0.005/<0.005/<0.005/<0.010
	PW1-9	9		ND<0.5	--	--	--	ND<0.005	ND≤0.5	<0.005/<0.005/<0.005/<0.010
	PW1-11.5	11.5		ND<0.5	--	--	--	ND<0.005	ND≤0.5	<0.005/<0.005/<0.005/<0.010
	PW1-20	20		0.80	--	--	--	ND<0.005	ND≤0.5	<0.005/<0.005/<0.005/<0.010
CRWQCB February 2005 ESL - Residential/Commercial				100.00	100.00	100.00	100.00	0.02		0.04/2.9/3.3/2.3

TABLE 1A NOTES:

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

TRPH, TEPH = total recoverable, extractable petroleum hydrocarbons [SM 5520 E&F + EPA 1664 (Silica Gel Treated Hexane; B10 only)]

O&G = Oil & Grease (SM 5520 C)

B/T/E/X = benzene, toluene, ethylbenzene, total xylenes (EPA Method 8020)

MTBE = methyl tertiary-butyl ether (EPA Method 8020 or EPA Method 8260)

Fuel Oxygenates by EPA Method 8260B

fbg = feet below grade

mg/kg = milligrams per kilogram (parts per million)

-- = not analyzed for this constituent; ND = concentration below associated laboratory reporting limit

1 = confirmed by EPA Method 8260

Soil samples not collected in B13-B15, B17, & B18

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

TABLE 1B
Results of Soil Sample Analysis for Volatile Organic Compounds
5930 College Avenue, Oakland, CA

Sample Location	Sample ID	Sample Depth (fbg)	Sample Date	IPB (ppb)	n-PB (ppb)	1,3,5-TMB (ppb)	1,2,4-TMB (ppb)	Sec-BB (ppb)	n-BB (ppb)	Napthalene (ppb)	MIBK (ppb)	TCE (ppb)	MC (ppb)	cis-1,2-DCE (ppb)	Tri-CFM (ppb)	PCE (ppb)
north end of T1 excavation	7189-T1-N	8	8/6/1996	--	--	--	--	--	--	--	--	--	--	--	--	--
south end of T2 excavation	7189-T1-S	8		--	--	--	--	--	--	--	--	--	--	--	--	--
center of T1 excavation	7189-T1-C-10	10		--	--	--	--	--	--	--	--	--	--	--	--	--
center of T2 excavation	7189-T2-C	8		140	1100	2800	7500	200	--	ND<5	360	ND<5	ND<5	ND<5	ND<5	24
T1 Soil Stockpile	7189-SP1	NA		--	--	--	--	--	--	--	--	--	--	--	--	--
T2 Soil Stockpile	7189-SP2	NA		ND<5	17	920	37	ND<5	--	ND<5	42	ND<5	ND<5	ND<5	ND<5	31
over-excavated pit of T1 & T2	7189-OE-1	10.5	10/2/1996	--	--	--	--	--	--	--	--	--	--	--	--	--
over-excavated pit of T1 & T2	7189-OE-2	10.5		--	--	--	--	--	--	--	--	--	--	--	--	--
over-excavated pit of T1 & T2	7189-OE-3	10.5		--	--	--	--	--	--	--	--	--	--	--	--	--
over-excavated pit of T1 & T2	7189-OE-4	10.5		--	--	--	--	--	--	--	--	--	--	--	--	--
over-excavated pit of T1 & T2	7189-OE-5	10.5		--	--	--	--	--	--	--	--	--	--	--	--	--
CRWQCB February 2005 ESL - Residential				NC	NC	NC	NC	NC	NC	460	2800	260	77	190	NC	87
CRWQCB February 2005 ESL - Commercial				NC	NC	NC	NC	NC	NC	1500	2800	460	77	190	NC	240

Table Notes Following

TABLE 1B (Cont.)
Results of Soil Sample Analysis for Volatile Organic Compounds
5930 College Avenue, Oakland, CA

Sample Location	Sample ID	Sample Depth (fbg)	Sample Date	IPB (ppb)	n-PB (ppb)	1,3,5-TMB (ppb)	1,2,4-TMB (ppb)	Sec-BB (ppb)	n-BB (ppb)	Napthalene (ppb)	MIBK (ppb)	TCE (ppb)	MC (ppb)	cis-1,2-DCE (ppb)	Tri-CFM (ppb)	PCE (ppb)
B10	7335-B10-11	11	10/30/2002	100	453	2630	832	ND<20	313	715	ND<200	ND<20	ND<1000	ND<20	ND<100	ND<20
B12	B12-10	10	4/30/2005	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<50	ND<5	ND<50	ND<5	ND<25	ND<5
B12	B12-15	15	4/30/2005	134	416	788	617	78	331	819	ND<50	ND<5	ND<50	ND<5	ND<25	ND<5
B21	B21-8.5	9.5	6/22/2005	ND<250	ND<250	1100	870	ND<250	ND<250	ND<250	ND<2000	ND<250	ND<1200	ND<250	ND<250	ND<250
B22	B22-10	10	6/22/2005	ND<500	830	5100	4000	ND<500	720	640	ND<4000	ND<500	ND<4000	ND<500	ND<500	ND<500
B23	B23-10	10	6/22/2005	ND<2500	4400	4800	26000	ND<2500	3100	5000	ND<20000	ND<2500	ND<12000	ND<2500	ND<2500	ND<2500
CRWQCB February 2005 ESL - Residential				NC	NC	NC	NC	NC	NC	460	2800	260	77	190	NC	87
CRWQCB February 2005 ESL - Commercial				NC	NC	NC	NC	NC	NC	1500	2800	460	77	190	NC	240

TABLE NOTES:

ppb - parts per billion
 NC - no criteria established for this chemical constituent
 -- - not analyzed for this constituent
 fbg - feet below grade surface
 IPB- Isopropylbenzene
 n-PB - n-Propylbenzene
 1,3,5-TMB - 135 Trimethylbenzene
 1,2,4-TMB - 1,2,4- Trimethylbenzene
 Sec-BB - Sec-Butylbenzene
 n-BB - n-Butylbenzene
 MIBK - Methyl Isobutal Ketone
 TCE - Trichloroethene
 MC - Methylene Chloride
 cis-1,2-DCE - cis-1,2-Dichloroethene
 Tri-CFM - Trichlorofluoromethane
 PCE - Tetrachloroethene
 All other soil boring samples not analyzed for VOCs

TABLE 1C
Results of Soil Sample Analysis for LUFT-5 Metals
5930 College Avenue, Oakland, CA

Sample Location	Sample ID	Sample Depth (fbg)	Sample Date	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Ni (mg/kg)	Zn (mg/kg)
north end of T1 excavation	7189-T1-N	8	8/6/1996	--	--	--	--	--
south end of T2 excavation	7189-T1-S	8		--	--	--	--	--
center of T1 excavation	7189-T1-C-10	10		--	--	--	--	--
center of T2 excavation	7189-T2-C	8		ND<2.0	49	48	68	210
T1 Soil Stockpile	7189-SP1	NA		--	--	--	--	--
T2 Soil Stockpile	7189-SP2	NA		ND<2.0	34	79	32	130
over-excavated pit of T1 & T2	7189-OE-1	10.5		--	--	--	--	--
over-excavated pit of T1 & T2	7189-OE-2	10.5		--	--	--	--	--
over-excavated pit of T1 & T2	7189-OE-3	10.5		--	--	--	--	--
over-excavated pit of T1 & T2	7189-OE-4	10.5		--	--	--	--	--
over-excavated pit of T1 & T2	7189-OE-5	10.5		--	--	--	--	--
CRWQCB February 2005 ESL - Shallow Soil				1.7	58	150	150	600
CRWQCB February 2005 ESL - Deep Soil				7.4	58	750	1000	2500

Table Notes Following

**TABLE 1C (Cont.)
Results of Soil Sample Analysis for LUFT-5 Metals
5930 College Avenue, Oakland, CA**

Sample Location	Sample Depth (fbg)	Sample Depth	Sample Date	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Ni (mg/kg)	Zn (mg/kg)
B10	7335-B10-15	15	10/30/2002	ND<2.0	38.2	19.6	51.5	47.7
B21	B21-8.5	8.5	6/22/2005	ND<1.0	74	4.6	78	36
B22	B22-10	10	6/22/2005	ND<1.0	43	5.3	53	41
B23	B23-10	10	6/22/2005	ND<1.0	47	7.2	63	50
CRWQCB February 2005 ESL - Residential				1.7	58	150	150	600
CRWQCB February 2005 ESL - Commercial				7.4	58	750	150	600

TABLE 1C NOTES:

Cd - Cadmium

Cr - Chromium

Pb - Lead

Ni - Nickel

Zn - Zinc

mg/kg - milligrams per kilogram; parts per million (ppm)

fbg - feet below grade

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

TABLE 2A

**Historical Results of Grab Groundwater Hydrocarbon Sample Analysis
5930 College Avenue, Oakland, CA**

Sample Location	Sample ID	Sample Depth (fbg)	Sample Date	TPH-G (ug/L)	TEPH (ug/L)	TPH-D (ug/L)	O&G (ug/L)	Oxygenates (ug/L)	MTBE (ug/L)	B/T/E/X (ug/L)
B1	B1-GW	8.5	5/6/1998	31000	6000	--	--	ND<5	ND<5	2600 / 390 / 1600 / 4200
B2	B2-GW	6.5		200000	ND<5000	--	--	2500	2500	30000 / 49000 / 45000 / 21000
B3	B3-GW	6.5		1x10 ⁶	7000	--	--	18000	18000	17000 / 24000 / 20000 / 80000
B7	B7-W	16.4	10/30/2002	296000	--	--	--	--	1360	18400 / 21900 / 8310 / 33800
B8	B8-W	11.5		1480	--	--	--	--	35	386 / 9 / 74 / 81
B9	B9-W	16.95	11/1/2002	16100	--	--	--	--	879	1250 / 1380 / 820 / 3480
B10	B10-W	13.85		49400	--	--	ND<5000	--	2680	6600 / 9940 / 1610 / 7600
B12	B12-W	--	5/2/2005	934000	--	--	92000*	ND≤500,000	ND<5000	64200 / 450000 / 550000 / 2697000
B14	B14-W	--	5/19/2005	ND<50	--	--	--	ND≤50	2.2	ND<0.5 / 1.2 / 0.6 / 3.5
B15	B15-W	--		53	--	--	--	ND≤50	ND<0.5	8.4 / ND<0.5 / ND<0.5 / ND<1.0
B16	B16-W	--	5/2/2005	154000	--	--	--	ND≤5000	197	2510 / 3020 / 4300 / 20400
B17	B17-W	--	5/19/2005	ND<50	--	--	--	ND≤50	ND<0.5	ND<0.5 / ND<0.5 / ND<0.5 / ND<1.0
CRWQCB February 2005 ESL				100	100	100	100	NC	5	1.0 / 40 / 30 / 20

Table Notes Following

TABLE 2A (Cont.)
Historical Results of Grab Groundwater Hydrocarbon Sample Analysis
5930 College Avenue, Oakland, CA

Sample Location	Sample ID	Sample Depth (fbg)	Sample Date	TPH-G (ug/L)	TPH-D (ug/L)	TEPH (ug/L)	O&G (ug/L)	Oxygenates (ug/L)	MTBE (ug/L)	B/T/E/X (ug/L)
B18	B18-W	6.4	4/14/2005	51	--	--	--	ND _≤ 50	ND<0.5	ND<0.5 / ND<0.5 / ND<0.5 / 1.8
B19	B19-W	--	5/2/2005	4600000	--	--	--	ND _≤ 5000	146	31100 / 70500 / 75600 / 228000
B20	B20-W	--	5/19/2005	60700	--	--	--	ND _≤ 1000	394	6800 / 2600 / 1550 / 6520
B21	B21-W	15	6/22/2005	130000	--	--	5800000	ND _≤ 1000 (EDB,EDC)	--	21000 / 24000 / 4500 / 23000
B23	B23-W	6.9	7/11/2005	21000	1800	--	9200	ND	880	2200 / 2600 / 450 / 3000
B24	B24-W	--	5/2/2005	3830000	--	--	--	--	ND<50	33200 / 46300 / 65500 / 175000
HB-1	HB-1-W	7.52	4/14/2005	173	--	--	--	ND _≤ 50	0.9	0.8 / ND<0.5 / 0.9 / 3.9
HB-3	HB-3-W	8.05	7/11/2005	13000	--	--	--	ND _≤ 2000	ND<20	690 / 21 / 1200 / 190
HB-4	HB-4-W	8.43		14000	--	--	--	ND _≤ 2000	ND<20	13 / ND<10 / 10 / ND<10
HB-6	HB-6-W	6.45		45	--	--	--	ND _≤ 100	ND<1	ND<0.5
CRWQCB February 2005 ESL				100	100	100	100		5	1.0 / 40 / 30 / 20

Table Notes Following

TABLE 2B
Historical Results of Grab Groundwater Volatile Organic Compound Analysis
5930 College Avenue, Oakland, CA

Sample Location	Sample ID	Sample Depth (fbg)	Sample Date	IPB (ug/L)	n-PB (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Sec-BB (ug/L)	n-BB (ug/L)	Napthalene (ug/L)	MIBK (ug/L)	TCE (ug/L)	MC (ug/L)	cis-1,2-DCE (ug/L)	Tri-CFM (ug/L)	PCE (ug/L)
B10	B10-W	13.85	11/1/2002	74	230	1610	441	ND<50	ND<50	765	ND<500	ND<100	ND<5000	ND<50	ND<250	ND<50
B12	B12-W	--	5/2/2005	61200	236000	430000	1270000	28600	ND<10000	305000	ND<10000	ND<5000	ND<250000	ND<10000	ND<10000	ND<5000
B21	B21-W	15	6/22/2005	ND<1000	ND<5000	ND<5000	ND<5000	ND<5000	ND<5000	ND<5000	ND<20000	ND<500	ND<5000	ND<500	ND<500	ND<500
B23	B23-W	6.9	7/11/2005	ND<50	ND<250	ND<250	320	ND<250	ND<250	ND<250	ND<1000	ND<25	ND<250	ND<25	ND<25	ND<25
CRWQCB February 2005 ESL				NC	NC	NC	NC	NC	NC	17	120	5	5	6	NC	5

TABLE NOTES:

ppb - parts per billion

NC - no criteria established for this chemical constituent

-- not analyzed for this constituent; parameter not measured

fbg - feet below grade surface

IPB- Isopropylbenzene

n-PB - n-Propylbenzene

1,3,5-TMB - 135 Trimethylbenzene

1,2,4-TMB - 1,2,4- Trimethylbenzene

Sec-BB - Sec-Butylbenzene

n-BB - n-Butylbenzene

MIBK - Methyl Isobutal Ketone

TCE - Trichloroethene

MC - Methylene Chloride

cis-1,2-DCE - cis-1,2-Dichloroethene

Tri-CFM - Trichlorofluoromethane

PCE - Tetrachloroethene

All other soil boring grab GW samples not analyzed for VOCs

CRWQCB/ESL = California Regional Water Quality Control Board's Interim Final - February 2005, Tier 1 Environmental Screening Level for groundwater that is a potential source of drinking water

TABLE 2C
Results of Grab Groundwater Sample Analysis for LUFT-5 Metals
5930 College Avenue, Oakland, CA

Sample Location	Sample ID	Sample Depth (fbg)	Sample Date	Cd (ug/L)	Cr (ug/L)	Pb (ug/L)	Ni (ug/L)	Zn (ug/L)
B10	B10-W	13.85	11/1/2002	ND<0.5	0.28	0.26	0.33	0.41
B12	B12-W		5/2/2005	17.4	9.51	106	30.7	100
B21	B21-W	15	6/22/2005	38	1400	75	1500	1900
B23	B23-W	6.9	7/11/2005	ND<2	ND<5	10	13	32
B23**	B23-W	6.9	7/11/2005	ND<2	ND<5	ND<5	11	30
CRWQCB February 2005 ESL				1.1	50	2.5	8.2	81

TABLE 2C NOTES:

Cd - Cadmium

Cr - Chromium

Pb - Lead

Ni - Nickel

Zn - Zinc

mg/Kg - milligrams per Kilogram; parts per million (ppm)

fbg - feet below grade

** Results of dissolved sample (pre-filtered in field)

All other soil boring grab GW samples not analyzed for LUFT 5 Metals

CRWQCB/ESL = California Regional Water Quality Control Board's Interim Final - February 2005,

Tier 1 Environmental Screening Level for

groundwater that is a potential source of drinking water

TABLE 3A
Historical Results of Groundwater Sample Analysis & Fluid-Level Data
5930 College Avenue, Oakland, CA
MW-1

Well ID	Sample Date	Casing Elevation (MSL)	DTW (TOC)	Water Elevation (MSL)	Product Odor/ Sheen	TPH-G (ug/L)	TEPH (ug/L)	MTBE (ug/L)	BTEX (ug/L)
MW-1	6/1/1998	50.00 *	4.81	45.19	slight sheen	160000	ND	1900	28000 / 21000 / 3800 / 21000
	9/10/1998	50.00 *	7.5	42.5	odor	290000	ND	440	<50 / 25000 / 7100 / 32000
	10/7/1999	50.00 *	10.04	39.96	odor	85000	ND	1100	20000 / 13000 / 3800 / 17000
	1/26/2000	50.00 *	8.26	41.74	slight sheen	130000	--	470	25000 / 18000 / 4500 / 22000
	10/25/2000	50.00 *	10.1	39.9	odor	130000	--	1300	23000 / 12000 / 3900 / 18000
	2/2/2001	50.00 *	9.61	40.39	odor	128000	--	780	19000 / 11000 / 3800 / 18000
	4/25/2001	195.9	7.39	188.51	odor	120000	--	900	21000 / 13000 / 390 / 18000
	7/10/2001	195.9	9.72	186.18	odor	79000	--	660	15000 / 7800 / 3000 / 15000
	10/8/2001	195.9	10.88	185.02	sheen/ odor	112000	--	374	25300 / 11800 / 4280 / 20600
	1/7/2002	195.9	4.34	191.56	odor	96100	--	596	21100 / 13500 / 4160 / 21900
	4/8/2002	195.9	6.84	189.06	slight odor	111000	--	679	21200 / 13400 / 4230 / 21000
	7/9/2002	195.9	9.4	186.5	slight odor	110000	--	570	20300 / 13300 / 4060 / 19800
	10/23/2002	195.9	11.04	184.86	none	54100	--	1010 (1080)**	10800 / 3870 / 2320 / 9440
	10/15/2003	195.9	10.8	185.1	none	90700	--	724	17800 / 4740 / 3150 / 13900
	2/2/2004	195.9	7.35	188.55	none	108000	--	194	14200 / 7420 / 3450 / 19800
	4/23/2004	195.9	6.83	189.07	slight odor	49200	--	114	7910 / 1480 / 1810 / 10100
	7/19/2004	195.9	8.95	186.95	odor	63900	--	303	7260 / 2270 / 2510 / 10100
	10/22/2004	195.9	10.15	185.75	None	80700	--	493 (296)**	13900 / 1670 / 3550 / 15200
	1/21/2005	195.9	5.45	190.45	odor	278000	--	271 (174)**	14700 / 25300 / 10800 / 73500
	4/14/2005	195.9	5.3	190.6	Odor /sheen	116000	--	366 (410)**	15100 / 7080 / 4220 / 20700
7/26/2005	195.9	7.6	188.3	Odor	82000	--	ND<250	12000/4500/3300/14000	
10/14/2005	195.9	9.58	186.32	Odor/sheen	64000	--	ND<250	13000/5700/3400/16000	
1/13/2006	195.9	4.6	191.3	Odor/ sheen	49000	--	ND<250	12000/5300/3500/17000	
4/14/2006	195.9	3.08	192.82	Odor	51000	--	270	14000/5300/3500/17000	
CRWQCB February 2005 ESL						100	100	5	1.0 / 40 / 30 / 20

Table Notes Following

TABLE 3A (Cont.)
Historical Results of Groundwater Sample Analysis & Fluid-Level Data
5930 College Avenue, Oakland, CA
MW-2

Well ID	Sample Date	Casing Elevation (MSL)	DTW (TOC)	Water Elevation (MSL)	Product Odor/ Sheen	TPH-G (ug/L)	TEPH (ug/L)	MTBE (ug/L)	BTEX (ug/L)
MW-2	10/7/1999	51.42*	11.49	39.93	slight odor	18000	ND	490	3000 / 1700 / 1000 / 3900
	1/26/2000	51.42*	7.85	43.57	none	42000	--	560	9300 / 2200 / 2300 / 7700
	10/25/2000	51.42*	11.57	39.85	slight odor	31000	--	500	5500 / 370 / 1700 / 2600
	2/2/2001	51.42*	10.77	40.65	odor	36000	--	400	4300 / 530 / 1800 / 4500
	4/25/2001	197.28	8.52	188.76	odor	56000	--	460	6700 / 1700 / 2600 / 8200
	7/10/2001	197.28	11.05	186.23	odor	39000	--	180	6200 / 730 / 2300 / 6100
	10/8/2001	197.28	12.79	184.49	sheen odor	40700	--	6460	6310 / 399 / 2100 / 5320
	1/7/2002	197.28	4.92	192.36	odor	59600	--	366**	10300 / 3250 / 4180 / 14400
	4/8/2002	197.28	8.4	188.88	slight odor	66700	--	583**	10200 / 2670 / 3840 / 13200
	7/9/2002	197.28	10.55	186.73	slight odor	37100	--	303 (298)**	5340 / 890 / 2110 / 6920
	10/23/2002	197.28	13.85	183.43	none	13300	--	322 (360)**	2420 / 216 / 922 / 1470
	10/15/2003	197.28	12.38	184.9	none	11300	--	264 (322)**	2660 / 51 / 1180 / 1220
	2/2/2004	197.28	8.8	188.48	none	21700	--	168 (200)**	2130 / 51 / 1030 / 2060
	4/23/2004	197.28	8.4	188.88	Slight odor	30400	--	112 (203)**	3570 / 322 / 1620 / 4140
	7/19/2004	197.28	10.3	186.98	odor	28300	--	283 (373)**	2540 / 239 / 1320 / 2300
	10/22/2004	197.28	10.25	187.03	Mod odor	13500	--	273 (229)**	1790 / 54 / 892 / 915
	1/21/2005	197.28	6.65	190.63	Mod odor	278000	--	161 (163)**	5980 / 1030 / 2890 / 9070
	4/14/2005	197.28	8.7	188.58	None	46100	--	155 (150)**	5170 / 787 / 2530 / 6010
	7/26/2005	197.28	8.95	188.33	Mod odor	41000	--	ND (ND)**	5600/550/2600/4600
	10/14/2005	197.28	10.92	186.36	Odor/ sheen	13000	--	130	2900/100/1300/1200
1/13/2006	197.28	5.48	191.8	Odor	20000	--	ND<100	4900/490/2400/4200	
4/14/2006	197.28	3.61	193.67	Odor	21000	--	ND<100	4000/740/2300/5100	
CRWQCB February 2005 ESL						100	100	5	1.0 / 40 / 30 / 20

Table Notes Following

TABLE 3A (Cont.)
Historical Results of Groundwater Sample Analysis & Fluid-Level Data
5930 College Avenue, Oakland, CA
MW-3

Well ID	Sample Date	Casing Elevation (MSL)	DTW (TOC)	Water Elevation (MSL)	Product Odor/ Sheen	TPH-G (ug/L)	TEPH (ug/L)	MTBE (ug/L)	BTEX (ug/L)
MW-3	10/7/1999	49.39*	9.67	39.72	none	6600	ND	390	310 / 110 / 430 / 1000
	1/26/2000	49.39*	5.4	43.99	none	3300	--	40	110 / 8 / 100 / 32
	10/25/2000	49.39*	9.24	40.15	slight odor	4500	--	ND	100 / 2 / 120 / 130
	2/2/2001	49.39*	8.73	40.66	slight odor	2900	--	35	35 / 3 / 160 / 298
	4/25/2001	195.22	6.61	188.61	slight odor	8400	--	56	260 / 33 / 290 / 510
	7/10/2001	195.22	8.85	186.37	slight odor	12000	--	35	39 / 10 / 690 / 1600
	10/8/2001	195.22	9.75	185.47	sheen/ odor	4913	--	52	108 / 4 / 99 / 133
	1/7/2002	195.22	4.25	190.97	sheen/ odor	7260	--	81.7**	723 / 138 / 492 / 887
	4/8/2002	195.22	6.33	188.89	odor	11700	--	ND**	540 / 108 / 706 / 1710
	7/9/2002	195.22	8.56	186.66	odor	2320	--	28.3 (20)**	37.1 / 4.7 / 98.5 / 187
	10/23/2002	195.22	10.02	185.2	sheen/ odor	2830	--	ND (ND)**	46.8 / 4.7 / 43.6 / 65.5
	10/15/2003	195.22	9.8	185.42	sheen/ odor	3040	--	ND (ND)**	91.3 / 8.4 / 69.9 / 148
	2/2/2004	195.22	6.85	188.37	Sheen/ odor	5140	--	ND (ND)**	126 / 8.7 / 134 / 238
	4/23/2004	195.22	6.17	189.05	none	7210	--	ND (ND)**	227 / 39.5 / 448 / 879
	7/19/2004	195.22	8.25	186.97	Slight odor	9860	--	ND (ND)**	20.4 / 3.2 / 30.6 / 117
	10/22/2004	195.22	9.25	185.97	None	7420	--	96 (21)**	152 / 12.8 / 267 / 480
	1/21/2005	195.22	5.22	190	Slight odor	2420	--	ND (ND)**	111 / 11.4 / 139 / 265
	4/14/2005	195.22	6.64	188.58	Odor / sheen	5130	--	54 (41.4)**	357 / 19.4 / 287 / 510
	7/26/2005	195.22	6.9	188.32	none	9800	--	ND (21)**	200/23/220/360
	10/14/2005	195.22	8.83	186.39	Odor/ sheen	6100	--	ND	76/19/170/350
	1/13/2006	195.22	4.61	190.61	Odor	3900	--	24	380/17/230/300
	4/14/2006	195.22	3.41	191.81	Odor	5000	--	69	760/44/230/190
CRWQCB February 2005 ESL						100	100	5	1.0 / 40 / 30 / 20

Table Notes Following

TABLE 3A (Cont.)
Historical Results of Groundwater Sample Analysis & Fluid-Level Data
5930 College Avenue, Oakland, CA
PW-1

Well ID	Sample Date	Casing Elevation (MSL)	DTW (TOC)	Water Elevation (MSL)	Product Odor/ Sheen	TPH-G (ug/L)	TEPH (ug/L)	MTBE (ug/L)	BTEX (ug/L)
PW-1	4/14/2005	197.17	6.4	190.77	none	3360	--	ND (ND**)	62.8 / 6.7 / 79.5 / 317
	7/26/2005	197.17	8.63	188.54	none	1300	--	ND (ND**)	22/ND/48/110
	10/14/2005	197.17	10.71	186.46	none	4300	--	ND	93/1.2/100/140
	1/13/2006	197.17	4.87	192.3	none	450	--	ND>2.0	10/ND/37/72
	4/14/2006	197.17	2.27	194.9	Odor	120	--	ND>2.0	2.3/ND<1.0/3.5/9.3
CRWQCB February 2005 ESL						100	100	5	1.0 / 40 / 30 / 20

TABLE 3A NOTES:

- TOC - top of well casing (north side)
- DTW - depth to water relative to TOC
- ug/L - micrograms per liter (equivalent to parts per billion)
- TPH-G - Total Petroleum Hydrocarbons as Gasoline (SW8020F)
- TEPH - Total Extractable Petroleum Hydrocarbons [EPA Methods 5030/8015M]
- Total VOCs - Total Volatile Organic Compounds by EPA Method 8260
- MTBE - Methyl Tertiary Butyl Ether (EPA Method 8260)
- BTEX - Benzene / Toluene / Ethylbenzene / Total Xylenes (SW8020F)
- MSL - Mean Sea Level; TB = Trip Blank (7335-TB)
- ND - not detected above laboratory reporting limit
- NC - no criteria established; NA – not applicable
- - not analyzed for this constituent
- fbg - feet below grade surface
- * - Arbitrary datum point with assumed elevation of 50 feet used prior to MSL survey on April 26, 2001
- ** - Concentration confirmed by EPA Method 8260
- CRWQCB/ESL = California Regional Water Quality Control Board's Interim Final - February 2005, Tier 1 Environmental Screening Level for groundwater that is a potential source of drinking water

TABLE 3B
2004 -2006 Groundwater Sampling Results for VOCs
Sheaff's Garage, 5930 College Avenue, Oakland, CA

MW-1

Well ID	Sample Date	IPB (ug/L)	n-PB (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Sec-BB (ug/L)	n-BB (ug/L)	Acetone (ug/L)	Napthalene (ug/L)	MIBK (ug/L)	TCE (ug/L)	MC (ug/L)	cis-1,2-DCE (ug/L)	Tri-CFM (ug/L)	PCE (ug/L)
MW-1	2/2/2004	116	342	701	2690	ND<10	66	ND<100	992	47	ND<5	ND<50	ND<10	ND<10	ND<5
	4/23/2004	ND<100	180	417	1560	ND<100	ND<100	ND<100	559	ND<100	ND<10	1210	ND<100	ND<100	ND<50
	7/19/2004	89	239	507	1890	ND<20	ND<20	ND<200	801	ND<20	ND<10	ND<100	ND<20	ND<20	ND<10
	10/22/2004	ND<100	264	520	1990	ND<100	ND<100	ND<1000	700	ND<100	ND<50	ND<500	ND<100	ND<100	ND<50
	1/21/2005	ND<200	271	525	2080	ND<200	ND<200	ND<200	662	ND<200	ND<100	ND<5000	ND<200	ND<200	ND<100
	4/14/2005	141	437	882	3450	ND	ND	ND	1220	ND<100	ND<50	ND<2500	ND<100	ND<100	ND<50
	7/26/2005	ND<500	ND<2500	ND<2500	ND<2500	ND<2500	ND<2500	ND<10000	ND<2500	ND<10000	ND<50	ND<2500	ND<250	ND<250	ND<250
	10/14/05	ND<250	ND<1200	ND<1200	2700	ND<1200	ND<1200	ND<5000	ND<1200	ND<5000	ND<120	ND<5000	ND<120	ND<120	ND<120
	1/13/2006	ND<250	ND<1200	ND<1200	2100	ND<1200	ND<1200	ND<5000	ND<1200	ND<5000	ND<120	ND<5000	ND<120	ND<120	ND<120
4/14/2006	ND<250	ND<1200	ND<1200	2400	ND<1200	ND<1200	ND<5000	ND<1200	ND<5000	ND<120	ND<5000	ND<120	ND<120	ND<120	
CRWQCB ESL	NC	NC	NC	NC	NC	NC	NC	1500	17	120	5	5	6	NC	5

MW-2

Well ID	Sample Date	IPB (ug/L)	n-PB (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Sec-BB (ug/L)	n-BB (ug/L)	Acetone (ug/L)	Napthalene (ug/L)	MIBK (ug/L)	TCE (ug/L)	MC (ug/L)	cis-1,2-DCE (ug/L)	Tri-CFM (ug/L)	PCE (ug/L)
MW-2	2/2/2004	73	186	306	1090	ND<10	66	ND<100	413	ND<10	ND<5	ND<50	ND<10	ND<10	ND<5
	4/23/2004	ND<100	215	469	1570	ND<100	ND<100	ND<100	568	ND<100	ND<5	ND<50	ND<100	ND<100	ND<50
	7/19/2004	73	173	316	1070	ND<10	74	ND<100	475	ND<10	ND<5	ND<50	ND<10	ND<10	ND<5
	10/22/2004	49	132	80	257	ND<10	44	ND<10	227	ND<10	ND<50	ND<50	ND<10	ND<10	ND<5
	1/21/2005	ND<100	239	371	1500	ND<100	ND<100	ND<1000	697	ND<100	ND<50	ND<2500	ND<100	ND<100	ND<50
	4/14/2005	139	293	445	2390	ND	71	ND	1490	ND<10	ND<5	ND<250	ND<10	ND<10	ND<5
	7/26/2005	ND<500	ND<2500	ND<2500	ND<2500	ND<2500	ND<2500	ND<10000	ND<2500	ND<10000	ND<250	ND<2500	ND<250	ND<250	ND<250
	10/14/05	ND<100	ND<500	ND<500	770	ND<500	ND<500	ND<2000	ND<500	ND<2000	ND<50	ND<2000	ND<50	ND<50	ND<50
	1/13/2006	ND<100	ND<500	ND<500	1200	ND<500	ND<500	ND<2000	ND<500	ND<2000	ND<50	ND<2000	ND<50	ND<50	ND<50
4/14/2006	ND<100	ND<500	ND<500	1200	ND<500	ND<500	ND<2000	680	ND<2000	ND<50	ND<2000	ND<50	ND<50	ND<50	
CRWQCB ESL	NC	NC	NC	NC	NC	NC	NC	1500	17	120	5	5	6	NC	5

Table & Notes Following

TABLE 3B (Cont.)
2004 -2006 Groundwater Sampling Results for VOCs
Sheaff's Garage, 5930 College Avenue, Oakland, CA
MW-3

Well ID	Sample Date	IPB (ug/L)	n-PB (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Sec-BB (ug/L)	n-BB (ug/L)	Acetone (ug/L)	Napthalene (ug/L)	MIBK (ug/L)	TCE (ug/L)	MC (ug/L)	cis-1,2-DCE (ug/L)	Tri-CFM (ug/L)	PCE (ug/L)
MW-3	2/2/2004	23	83	22	68	ND<1	38	ND<10	33	ND<1	ND<0.5	ND<5	ND<1	ND<1	ND<0.5
	4/23/2004	29	82	60	337	ND<1	24	ND<1000	160	ND<1	ND<0.5	ND<5	ND<1	ND<1	ND<0.5
	7/19/2004	27	105	48	204	ND<1	34	ND<10	16	ND<1	ND<0.5	ND<5	ND<1	ND<1	ND<0.5
	10/22/2004	55	182	192	574	ND<10	42	ND<10	76	ND<10	ND<5	ND<50	ND<10	ND<10	ND<5
	1/21/2005	25	88	23	96	ND<1	15	ND<10	43	ND<1	ND<0.5	ND<25	ND<1	ND<1	ND<0.5
	4/14/2005	45	28	85	302	ND<10	28	ND<10	121	ND<1	ND<0.5	ND25	ND<1	ND<1	ND<0.5
	7/26/2005	ND<10	ND<50	120	250	ND<50	ND<50	ND<200	60	ND<200	ND<5	ND<50	ND<5	ND<5	ND<5
	10/14//05	ND<20	ND<100	ND<100	210	ND<100	ND<100	ND<400	ND<100	ND<400	ND<10	ND<400	ND<10	ND<10	ND<10
	1/13/2006	ND<10	120	ND<50	120	ND<50	ND<50	ND<200	ND<50	ND<200	ND<5	ND<200	ND<5	ND<5	ND<5
4/14/2006	ND<20	170	ND<100	120	ND<100	ND<100	ND<400	100	ND<400	ND<10	ND<400	ND<10	ND<10	ND<10	
CRWQCB ESL	NC	NC	NC	NC	NC	NC	NC	1500	17	120	5	5	6	NC	5

PW-1

Well ID	Sample Date	IPB (ug/L)	n-PB (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Sec-BB (ug/L)	n-BB (ug/L)	Acetone (ug/L)	Napthalene (ug/L)	MIBK (ug/L)	TCE (ug/L)	MC (ug/L)	cis-1,2-DCE (ug/L)	Tri-CFM (ug/L)	PCE (ug/L)
PW-1	4/14/2005	11	22	110	100	ND,10	ND<10	ND<40	43	ND<1	3.3	ND<25	12	ND<1	84.9
	7/26/2005	7.3	17	37	100	ND<10	ND<10	ND<40	43	ND<40	ND<1	ND<10	7	1.5	48
	10/14//05	28	72	67	120	12	17	ND<40	43	ND<40	4.1	ND<40	29	ND<1	25
	1/13/2006	ND<20	ND<10	ND<10	37	ND<10	ND<10	ND<40	ND<10	ND<40	1.4	ND<40	5	ND<1	95
	4/14/2006	ND<2	ND<10	ND<10	ND<10	ND<10	ND<10	ND<40	ND<10	ND<40	1.1	ND<40	2.8	ND<1	68
CRWQCB ESL	NC	NC	NC	NC	NC	NC	NC	1500	17	120	5	5	6	NC	5

TABLE 3B NOTES:

- IPB = Isopropylbenzene
- n-PB = n-Propylbenzene
- 1,3,5-TMB = 1,3,5-Trimethylbenzene
- 1,2,4-TMB = 1,2,4-Trimethylbenzene
- sec-BB = sec-Butylbenzene
- n-BB = n-Butylbenzene
- MIBK = 4-Methyl-2-Pentanone
- TCE = Trichloroethene
- MC = Methylene Chloride
- cis-1,2-DCE = cis-1,2-Dichloroethene
- Tri-CFM = Trichloroflouromethane
- PCE = Tetrachloroethene
- ug/l = micrograms per liter
- ND = Not detected above laboratory reporting limit
- NC = No Criteria Listed

CRWQCB/ESL = California Regional Water Quality Control Board's Interim Final - February 2005, Tier 1 Environmental Screening Level
for groundwater that is a potential source of drinking water

REPORT OF
ADDITIONAL SITE CHARACTERIZATION
&
GROUNDWATER MONITORING

5930 College Avenue, Oakland, California
ACHCSA Site #RO0000377

APPENDIX A
PHOTOGRAPHS
REGULATORY CORRESPONDENCE
PERMITS

PHOTOGRAPHS OF SITE AND VICINITY



Photograph No. 1 - Street scene looking northward up College Avenue - subject (green building with large rollup door) and adjacent buildings on right. Newer commercial development across street on left. Storm drain - 96" diameter - flows down middle of street with uphill to left. USTs formerly located in sidewalk under tree.

Photograph No. 2 - View of subject building at 5930 College Avenue occupied by Stauder Automotive Service. Former USTs located in sidewalk under tree with dispenser to left inside rollup door. Monitoring well MW1 located in sidewalk at driveway.

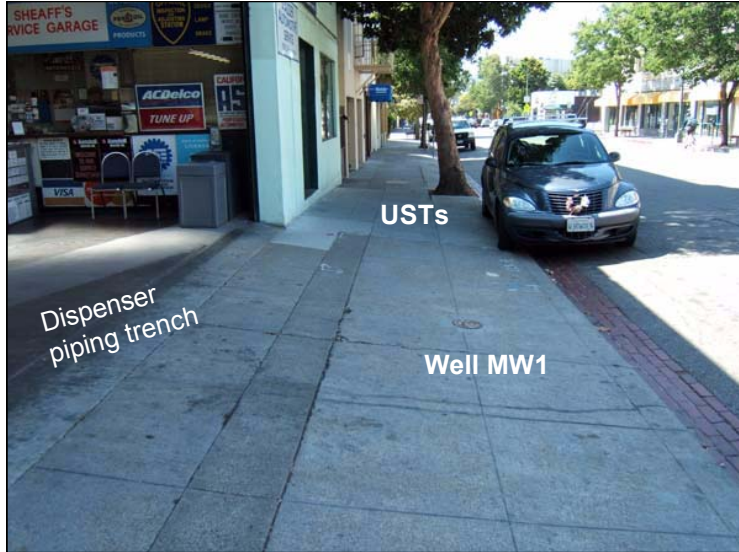


Photograph No. 3 - View northward of College Avenue and subject property to right behind tree. Adjacent property at 5920 College Ave. to right with first floor parking-retail (T-Mobile store) and multi-family above. USTs in sidewalk under tree and monitoring well MW3 in street.

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

PHOTOGRAPHS PAGE 1
 Sheaff's Garage
 5930 College Avenue, Oakland, California

PHOTOGRAPHS OF SITE AND VICINITY



Photograph No. 4 - College Avenue to right - subject (green building with large rollup door) . USTs formerly located in sidewalk under tree. Monitoring well MW1 in sidewalk. Former product piping trench to dispenser inside of rollup door to left.

Photograph No. 5 - Interior view of subject building at 5930 College Avenue occupied by Stauder Automotive Service. Monitoring well MW2 located in concrete floor at center of photograph.



Photograph No. 6 - Interior view of subject building at 5930 College Avenue occupied by Stauder Automotive Service. College Avenue beyond rollup doorway. View from doorway to rear storage yard.

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

PHOTOGRAPHS PAGE 2
 Sheaff's Garage
 5930 College Avenue, Oakland, California

PHOTOGRAPHS OF SITE AND VICINITY



Photograph No. 7 - Subject property at 5930 College Avenue. View of rear concrete-paved storage yard. New piezometer PW1 visible at lower center of photo. Adjacent commercial building at 5940 College Avenue in background. Single-family residential neighborhood to right beyond wall and/or fence.

Photograph No. 8 - Interior view of subject building at 5930 College Avenue with rear storage yard beyond open doorway at rear of photograph. Concrete patch of product line excavation in foreground with former dispenser location at left of photograph.



Former Dispenser
Product piping excavation trench



Photograph No. 9 - View of adjacent commercial building at 5940 College Avenue occupied by Barclays Restaurant & Pub and commercial businesses. Former Chevron service station. Development is 3 feet below grade with sump pump pit located at left of picture beneath stairway. Gettler-Ryan well GR-MW1 in sidewalk near sump pump pit.

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

PHOTOGRAPHS PAGE 3
Sheaff's Garage
5930 College Avenue, Oakland, California



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

June 3, 2004

Brian Sheaff
William Sheaff Trust
1945 Parkside Dr.
Concord, CA 94519

Dear Mr. Sheaff:

Subject: Fuel Leak Case No. RO0000377, Sheaff's Garage, 5930 College Avenue,
Oakland, CA

Alameda County Environmental Health (ACEH) staff has reviewed "Work Plan for Additional Site Characterization" dated December 29, 2003 by Golden Gate Tank Removal (GGTR). We request that you address the following technical comments and send us the technical reports requested below.

TECHNICAL COMMENTS

1) Site Characterization Proposal -

- a) We do not agree with the proposed monitoring wells. We feel that it would be premature to install more monitoring wells without additional groundwater sampling to determine the location of the plume for optimal well locations.
- b) Also, we feel that some proposed borings (HB-2, B19/MW4) may be too far and not downgradient of the source areas.
- c) For proposed soil borings not near the source areas (B14, B15, B17, B18, B20/MW5) it appears to be adequate to collect groundwater samples only. We request that your monitoring network be depth discrete, generally, screened intervals of 3 to 5 feet in length. Please include in the Work Plan Addendum.
- d) The collection of groundwater samples from proposed borings B12 - B18 will not be depth discrete. Please propose a method to collect depth discrete samples.

2) Source Characterization Proposal -

- a) Boring Sampling - Instead of collecting soil boring samples every 5 ft. as proposed, soil samples shall be collected at a minimum of every 5 ft., including at changes of lithology, at the soil/groundwater interface, and at areas of obvious contamination. Please include in the Work Plan Addendum.

- b) No soil borings were proposed by the dispenser where B7 was collected. The dispenser area needs to be delineated. Please propose soil borings in the Work Plan Addendum.
 - c) The proposed 13 feet depths or 2 to 3 feet pass the first encountered groundwater appears to be inadequate for vertical delineation. The collection of groundwater samples at those depths may miss petroleum product entrapped below the water table. Minimum depths will usually be 25 – 30 feet. Please propose drilling borings to depths below the water table, which will account for entrapped petroleum product. Indicate how depths adequate for vertical delineation will be determined. Please provide the information requested in the Work Plan Addendum.
- 3) Preferential Pathway Survey – Your consultant stated that the utilities may “potentially act as a pathway for on- and/or off-site migration of contaminant hydrocarbons.” Please propose how this will be determined.
 - 4) Groundwater Analyses – Please include Ethanol by EPA Method 8260 for groundwater samples.

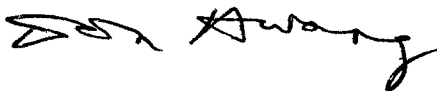
TECHNICAL REPORT REQUEST

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

July 31, 2004 – 2nd Quarter 2004 Groundwater Monitoring Report
August 6, 2004 - Work Plan Addendum
60 days after Work Plan approval - Soil and Water Investigation Report
October 31, 2004 - 3rd Quarter 2004 Groundwater Monitoring Report
January 31, 2005 - 4th Quarter 2004 Groundwater Monitoring Report
April 30, 2005 - 1st Quarter 2005 Groundwater Monitoring Report

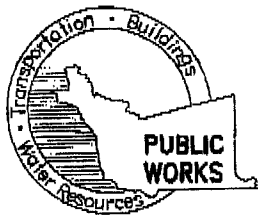
These reports are being requested pursuant to the Regional Water Quality Control Board's (Regional Board) authority under Section 13267 of the California Water Code. If you have any questions, please call me at (510) 567-6746.

Sincerely,



Don Hwang
Hazardous Materials Specialist
Local Oversight Program

c: Brent Wheeler, Golden Gate Tank Removal, 255 Shipley Street, San Francisco, CA 94107
Donna Drogos
File



**ALAMEDA COUNTY PUBLIC WORKS AGENCY
 WATER RESOURCES SECTION
 399 ELMHURST ST. HAYWARD, CA. 94544-1395
 PHONE (510) 670-6633 James Yoo FAX (510) 782-1939**

PERMIT NO. W05-0385

**WATER RESOURCES SECTION
 GROUNDWATER PROTECTION ORDINANCE
 MW#1-GENERAL CONDITIONS: MONITORING WELL/PIEZOMETERS**

1. Prior to installation of any monitoring wells into any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.
2. The minimum surface seal thickness two inches of cement grout placed by tremie.
3. All monitoring wells shall have a minimum surface cement seal depth of five (5) feet or the maximum depth practicable or twenty (20) feet.
4. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.
5. Permittee, permittee's, contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statues regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on-or off site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.
6. No changes in construction procedures or well type shall change, as described on this permit application. This permit may be voided if it contains incorrect information.
7. Drilling Permit(s) can be voided/ canceled only in writing. It is the applicants responsibilities to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. **Permit is valid from April 5 to May 5, 2005.** Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.
8. Compliance with the above well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). **Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including: permit number and site map.**
9. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
10. Applicant shall contact George Bolton for a inspection time at 510-670-5594 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

03/23/2005 13:46 9166608924

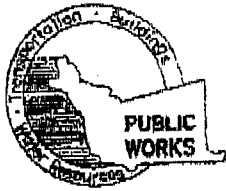
REC

PAGE 02

APR-12-00 WED 03:19 PM ALAMEDA COUNTY PWA RM239

FAX NO. 5107821939

P. 02



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMKURST ST. HAYWARD CA. 94544-1395
PHONE (510) 470-5350 MARLON MATALEA/FRANK COBB (510) 670-5783
FAX (510) 782-1939 *James Yoo 510-670-6633*

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT
5930 COLLEGE NUENGE
OAKLAND CA

PERMIT NUMBER W05-0384
WELL NUMBER _____
APN _____

PERMIT CONDITIONS
Circled Permit Requirements Apply

CLIENT
Name DR. BROWN SHEAFF
Address 1945 PARKSIDE DR Phone _____
City CONCORD CA Zip 94523

APPLICANT
Name COLON GATE TANK REMOVAL
Address 255 SHADY ST Phone 415 512-1555
City SAN FRANCISCO, CA Zip 94107

TYPE OF PROJECT
Well Construction Geotechnical Investigation
Cathodic Protection General
Water Supply Contamination
Monitoring Well Destruction

PROPOSED WATER SUPPLY WELL USE
New Domestic Replacement Domestic
Municipal Irrigation
Industrial Other _____

DRILLING METHOD:
Mud Rotary Air Rotary Auger
Cable Other DIRECT PUSH

GRILL DRILLING + TESTING
DRILLER'S LICENSE NO 485165

WELL PROJECTS
Drill Hole Diameter _____ in. Maximum _____
Casing Diameter _____ in. Depth _____ ft.
Surface Seal Depth _____ ft. Number _____

GEOTECHNICAL PROJECTS
Number of Borings 19 Maximum _____
Hole Diameter 2 in. Depth 25 ft.

ESTIMATED STARTING DATE APRIL 5, 2005
ESTIMATED COMPLETION DATE MAY 5, 2005

I hereby agree to comply with all requirements of this permit and Alameda County Ordinances No. 73-08.

APPLICANT'S SIGNATURE [Signature] DATE 3/23/05

Rev. 6-4-00

DREW A. WILHELM
(916) 460-5931

A. GENERAL

1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted work the original Department of Water Resources- Well Completion Report.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

D. GEOTECHNICAL / Contamination

Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind with cement grout

E. CATHODIC

Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION

See attached

G. SPECIAL CONDITIONS - B#1

APPROVED [Signature] DATE 3-31-05



EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL ENGINEERING

PAGE 2 of 2

Permit valid for 90 days from date of issuance.

PERMIT NUMBER X 0 5 0 0 5 9 3		SITE ADDRESS/LOCATION 5930 COLLEGE AVENUE
APPROX. START DATE	APPROX. END DATE	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number)
CONTRACTOR'S LICENSE # AND CLASS 485165		CITY BUSINESS TAX #

ATTENTION:

- 1- State law requires that the contractor/owner call Underground Service Alert (USA) two working days before excavating. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1-800-642-2444. Underground Service Alert (USA) # _____
- 2- 48 hours prior to starting work, you **MUST CALL** (510) 238-3651 to schedule an inspection.
- 3- 48 hours prior to re-paving, a compaction certificate is required (waived for approved slurry backfill).

OWNER/BUILDER

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than \$500):

- I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).
- I, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than two structures more than once during any three-year period. (Sec. 7044 Business and Professions Code).
- I, as owner of the property, am exclusively contracting with licensed contractors to construct the project, (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License law).
- I am exempt under Sec. _____, B&PC for this reason _____

WORKER'S COMPENSATION

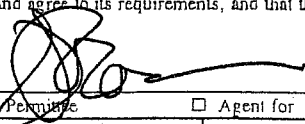
I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # _____ Company Name _____

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California (not required for work valued at one hundred dollars (\$100) or less).

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Title 12 Chapter 12.12 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees, from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.

Signature of Permittee  Agent for Contractor Owner Date June 7 2005

DATE STREET LAST RESURFACED	SPECIAL PAVING DETAIL REQUIRED? <input type="checkbox"/> YES <input type="checkbox"/> NO	HOLIDAY RESTRICTION? (NOV 1 - JAN 1) <input type="checkbox"/> YES <input type="checkbox"/> NO	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM) <input type="checkbox"/> YES <input type="checkbox"/> NO
ISSUED BY CB	DATE ISSUED 6-7-05		

REPORT OF
ADDITIONAL SITE CHARACTERIZATION
&
GROUNDWATER MONITORING

5930 College Avenue, Oakland, California
ACHCSA Site #RO0000377

APPENDIX B
FLUID-LEVEL MONITORING DATA FORM
WELL PURGING/SAMPLING DATA SHEETS

Golden Gate Tank Removal, Inc.

FLUID-LEVEL MONITORING DATA

Project No: 7335 Date: 1/13/06

Project/Site Location: 5930 College Avenue, Oakland

Technician: O'Bryan Instrument: KECK, Fluid Level Monitor

Boring/ Well	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Total Well Depth (feet)	Clean-to-Dirty Order (PH-G, TPH-D, MIBE, BTEX, OTHER)	Comments
MW-1	4.60	4.59	.01	14.56	4	
MW-2	5.48	/	/	19.66	3	
MW-3	4.61	/	/	18.91	2	
PW-1	4.87	/	/	17.79	1	

Golden Gate Tank Removal, Inc.

WELL PURGING/SAMPLING DATA

Project Number: 7335 Date: 1/13/06

Project / Site Location: 5930 College Ave. Oakland

Sampler/Technician: O'Bryan

WELL I.D.: MW-1 SAMPLE I.D. & TIME: 7335-MW1 / 1450

EVENT: SAMPLING WELL DEVELOPMENT

DEPTH TO WATER: 4.60
 DEPTH TO BOTTOM: 14.56

(FOC) TOWB

Well Diameter	Water Column	Casing Volume (gals.)		Total Purge (gals.)
2-inch well	9.96	1.6	ft. x 0.163 gal/ft =	4.8
4-inch well			ft. x 0.652 gal/ft =	
__-inch well			ft. x _____ gal/ft =	
			X <u>3</u> =	
			X _____ =	
			X _____ =	

80 percent recharge level: 5.5 Type of Pump: DC-60 Sampling Device: Disp. Bailer

GROUNDWATER PARAMETERS

TIME	GALS. PURGED	TEMP (°C)	pH	COND.	D.O.	ORP	ODOR/SHEEN	NOTES/OTHER
Bailed prior to purging	1/4 gallon w/ disp. bailer				7.8 % 1.0 mg/L			no Product clear, Foaming elev
1319	Start Pump							
1320	.75	17.0	7.0	167	/	/	odor clear	
1321	1.75	17.1	7.2	163	/	/	" "	
1322	2.75	17.3	7.2	159	/	/	" "	
1323	3.5	17.6	7.2	160	/	/	" "	clear & foamy
1324	4.25	17.6	7.2	161	/	/	" "	"
1325	4.75	17.8	7.2	161	/	/	" "	"
							" "	"

DTW 1 (post purge): 6.43 Time: 13:26 in/out of well in/out of well
 DTW 2 (sample): 4.68 Time: 14:46 in/out of well in/out of well
 Total Volume: 4.75 Gals. Pre Purge

Golden Gate Tank Removal, Inc.

WELL PURGING/SAMPLING DATA

Project Number: 7335 Date: 1/13/06

Project / Site Location: 5930 College Ave. Oakland

Sampler/Technician: O'Bryan

WELL I.D.: MW-2 SAMPLE I.D. & TIME: 7335-MW2 / 1435

EVENT: SAMPLING WELL DEVELOPMENT

DEPTH TO WATER: 5.48

DEPTH TO BOTTOM: 19.66

POC TOWB

Well Diameter
2-inch well
4-inch well
-inch well

Water Column
<u>14.18</u>
ft. x 0.163 gal/ft =
ft. x 0.652 gal/ft =
ft. x _____ gal/ft =

Casing Volume (gals.)
<u>2.5</u>
X <u>3</u> =
X _____ =
X _____ =

Total Purge (gals.)
<u>6.9</u>

80 percent recharge level: 6.6 Type of Pump: _____ Sampling Device: _____

GROUNDWATER PARAMETERS								
TIME	GALS. PURGED	TEMP (°C)	pH	COND.	D.O.	ORP	ODOR/SHEEN	NOTES/OTHER
1248	Started Pump				7.590 .72mg/L	/	/	
1249	1.25	17.9	7.1	184	/	/	odor	
1251	2.75	17.8	7.2	187	/	/	"	
1252	4	18.1	7.1	189	/	/	"	volatile/bubbles
1254	5	18.3	7.2	189	/	/	"	"
1255	6	18.5	7.2	188	/	/	"	"
1256	7	18.5	7.3	189	/	/	"	"

DTW 1 (post purge): 9.37 Time: 12:58 in / out of well
 DTW 2 (sample): 5.53 Time: 1432 in / out of well
 Total Volume: 7 Gals.

Golden Gate Tank Removal, Inc.

WELL PURGING/SAMPLING DATA

Project Number: 7335 Date: 1/13/06

Project / Site Location: 5930 College Ave. Oakland

Sampler/Technician: O'Bryan

WELL I.D.: MW-3 SAMPLE I.D. & TIME: 7335-MW3 / 1420

EVENT: SAMPLING WELL DEVELOPMENT

DEPTH TO WATER: 4.61

DEPTH TO BOTTOM: 18.91

(FOC) TOWB

Well Diameter	Water Column	Casing Volume (gals.)			Total Purge (gals.)
2-inch well	<u>14.30</u>	ft.x 0.163 gal/ft =	<u>2.3</u>	X <u>3</u> =	<u>6.9</u>
4-inch well		ft.x 0.652 gal/ft =		X ___ =	
__-inch well		ft.x ___ gal/ft =		X ___ =	

80 percent recharge level: 5.5 Type of Pump: DC-60 Sampling Device: Disp. Bailers

GROUNDWATER PARAMETERS

TIME	GALS. PURGED	TEMP (°C)	pH	COND.	D.O.	ORP	ODOR/SHEEN	NOTES/OTHER
1225	Pump Started				<u>9.49</u> <u>1.2 mg/L</u>	/	/	
1226	<u>1.25</u>	<u>16.0</u>	<u>7.2</u>	<u>166</u>	/	/	/	<u>clear</u>
1227	<u>2.5</u>	<u>15.7</u>	<u>7.3</u>	<u>169</u>	/	/	/	
1229	<u>3.75</u>	<u>16.7</u>	<u>7.2</u>	<u>164</u>	Pump stopped @		<u>8.25'</u>	<u>Lowered it to 12'</u>
1232	Start Pump						<u>odor</u>	
1233	<u>5</u>	<u>17.3</u>	<u>7.2</u>	<u>164</u>	/	/	"	
1234	<u>6.25</u>	<u>17.2</u>	<u>7.2</u>	<u>164</u>	/	/	"	
1235	<u>7</u>	<u>17.4</u>	<u>7.2</u>	<u>168</u>	/	/	"	

DTW 1 (post purge): 11.72 Time: 12:38 in / out of well
 DTW 2 (sample): 5.51 Time: 14:17 in / out of well
 Total Volume: 7 Gals.

Golden Gate Tank Removal, Inc.

WELL PURGING/SAMPLING DATA

Project Number: 7335 Date: 1/13/06

Project / Site Location: 5930 College Ave. Oakland

Sampler/Technician: O'Bryan

WELL I.D.: PW-1 SAMPLE I.D. & TIME: 7335-PW1/1400

EVENT: SAMPLING WELL DEVELOPMENT

DEPTH TO WATER: 4.87
 DEPTH TO BOTTOM: 17.79
 (POC) TOWB

Well Diameter	Water Column	Casing Volume (gals.)		Total Purge (gals.)
2-inch well	<u>12.92</u> ft.x 0.163 gal/ft =	<u>2.1</u>	X <u>3</u> =	<u>26.3</u>
4-inch well	ft.x 0.652 gal/ft =		X =	
-inch well	ft.x _____ gal/ft =		X =	

80 percent recharge level: 5.8 Type of Pump: DC-60 Sampling Device: Disp. Bailor

GROUNDWATER PARAMETERS								
TIME	GALS. PURGED	TEMP (°C)	pH	COND.	D.O.	ORP	ODOR/SHEEN	NOTES/OTHER
11:47	Start				<u>16.590</u> <u>1.6 mg/L</u>			
11:48	Stop							2 gallons removed. Recalculated casing volume
11:48	2	17.1	7.12	170.7	/	/	clear	Start again
12:07	3	16.6	7.1	165	/	/	/	stopped at 206 for batteries
12:08	4	16.7	7.1	169	/	/	/	clear
12:09	5	16.6	7.0	174	/	/	/	"
12:10	6	16.7	7.0	175	/	/	/	"
12:11	6.5	16.6	7.0	171	/	/	/	"

DTW 1 (post purge): 5.98 Time: 12:14 in / out of well
 DTW 2 (sample): 4.94 Time: 13:58 in / out of well
 Total Volume: 6.5 Gals.



FLUID-LEVEL MONITORING DATA

Project Name: SHEAFFS GARAGE Date: APRIL 14 2006

Project/Site Location: 5930 COWESE AVE OAKLAND CA

Technician: K. ATKINSON Method: ELECTRONIC

Boring/Well	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Total Well Depth (feet)	Comments
PW-1	2.27	—	—	18.20	POS. PRESSURE UPON OPENING,
MW-1	3.08	—	—	14.64	STRONG PETRO ODOZ FROM WELL
MW-2	3.61	—	—	19.63	POS. PRESSURE UPON OPENING, STRONG PETRO ODOZ FROM WELL
MW-3	3.41	—	—	18.93	POS. PRESSURE UPON OPENING, STRONG PETRO ODOZ FROM WELL



DYSERT ENVIRONMENTAL, INC.
WELL PURGING / SAMPLING DATA

Dysert Environmental, Inc.

PROJECT: SHEAFFES GARAGE PN 7335
SITE LOCATION: 5930 CONVERSE AVE

DATE: 4/14/06

CITY: OAKLAND

STATE: CA

PURGE DEVICE

circle one 12 volt submersible pump peristaltic pump bladder pump disposable bailer

SAMPLING DEVICE

circle one bladder pump peristaltic pump disposable bailer other

casing diameter (inches) circle one 0.75 2 4 6
casing volumes (gallons) circle one 0.02 0.2 0.7 1.52

WELL DATA

SAMPLER/S: MURPHY ATKINSON

WELL NUMBER / FIELD POINT ID: PW-1

A. TOTAL WELL DEPTH: 17.20

B. DEPTH TO WATER: 2.27

C. WATER HEIGHT (A-B): 14.93

D. WELL CASING DIAMETER: 2"

E. CASING VOLUME: .2

F. SINGLE CASE VOLUME (Cx E): 3.19

G. CASE VOLUME (s) (Cx Ex 3): 9.57

H: 80% RECHARGE LEVEL (F+B): 5.46

PURGE DATA

START TIME: 1300

PUMP DEPTH: 17.20

FINISH TIME: 1335

PUMP DEPTH: 17.20

RECHARGE / SAMPLE TIME

DEPTH TO WATER: 2.27

TIME MEASURED: 1336

GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one YES NO

SAMPLE TIME: 1336

DEPTH TO WATER: 2.27

SAMPLE APPEARANCE / ODOR: MURKY, PERO ODOR, SLIGHT SEDIMENT

TOTAL GALLONS PURGED: 9.6

WELL FLUID PARAMETERS

CASE VOL.	0	0.5	1	1.5	2	2.5	3	POST
Ph	6.74	6.43	6.48	6.42	6.46	6.49	6.47	6.41
TEMP in °C	17.1	16.2	16.3	16.1	16.3	16.2	16.1	15.9
COND / SC	411	383	371	369	366	367	363	396
DTW	3.05	3.25	2.90	3.00	2.97	2.97	2.95	2.27
Pump Depth	17.20	17.20	17.20	17.20	17.20	17.20	17.20	17.20
Pump Rate	1500ml/min	600ml/min	600ml/min	600ml/min	600ml/min	600ml/min	600ml/min	-



DYSERT ENVIRONMENTAL, INC.
WELL PURGING / SAMPLING DATA

Dysert Environmental, Inc.

PROJECT: SHEAFFES GARAGE PN 7335
SITE LOCATION: 5930 COURSE AVE

DATE: 4/14/06

CITY: OAKLAND STATE: CA

circle one 12 volt submersible pump PURGE DEVICE
peristaltic pump bladder pump disposable bailer

circle one bladder pump SAMPLING DEVICE
peristaltic pump disposable bailer other
casing diameter (inches) circle one 0.75 3 4 6
casing volumes (gallons) circle one 0.02 0.2 0.7 1.52

WELL DATA

SAMPLER/S: KVA ADAMSON
WELL NUMBER / FIELD POINT ID: MW-1
A. TOTAL WELL DEPTH: 14.64
B. DEPTH TO WATER: 3.08
C. WATER HEIGHT (A-B): 11.56
D. WELL CASING DIAMETER: 2
E. CASING VOLUME: 2
F. SINGLE CASE VOLUME (Cx E): 2.31
G. CASE VOLUME (s) (Cx Ex 3): 6.94
H: 80% RECHARGE LEVEL (F+B): 5.39

PURGE DATA

START TIME: 1620
PUMP DEPTH: 13.50
FINISH TIME: 1645
PUMP DEPTH: 13.50

RECHARGE / SAMPLE TIME

DEPTH TO WATER: 4.12 TIME MEASURED: 1655
GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one YES NO
SAMPLE TIME: 1655 DEPTH TO WATER: 4.12
SAMPLE APPEARANCE / ODOR: clear, no sediment, strong gas odor
TOTAL GALLONS PURGED: 17.0

WELL FLUID PARAMETERS

CASE VOL.	0	1.15 0.5	2.31 1	3.46 1.5	4.61 2	5.76 2.5	6.94 3	POST
Ph	6.95	6.92	6.81	6.70	6.67	6.68	6.63	6.69
TEMP in °C	16.2	15.4	16.4	16.6	16.1	16.2	16.3	16.5
COND / SC	1142	1125	1138	1141	1148	1147	1152	1149
DTW	3.08	3.85	4.17	4.31	4.52	5.07	5.31	5.62
Pump Depth	13.50	13.50	13.50	13.50	13.50	13.50	13.50	—
Pump Rate	400ml/min	400ml/min	400ml/min	400ml/min	400ml/min	400ml/min	400ml/min	—



DYSERT ENVIRONMENTAL, INC.
WELL PURGING / SAMPLING DATA

Dysert Environmental, Inc.

PROJECT: SHEAFFS GARAGE PN 7335
SITE LOCATION: 5930 COLLEGE AVE

DATE: 4/14/06

CITY: OAKLAND STATE: CA

circle one 12 volt submersible pump peristaltic pump bladder pump disposable bailer

circle one bladder pump peristaltic pump disposable bailer other

casing diameter (inches) circle one 0.75 2 4 6
casing volumes (gallons) circle one 0.02 0.2 0.7 1.52

WELL DATA

SAMPLER/S:
WELL NUMBER / FIELD POINT ID: MW-2
A. TOTAL WELL DEPTH: 19.63
B. DEPTH TO WATER: 3.61
C. WATER HEIGHT (A-B): 16.02
D. WELL CASING DIAMETER: 2
E. CASING VOLUME: 2
F. SINGLE CASE VOLUME (Cx E): 3.20
G. CASE VOLUME (s) (Cx Ex 3): 9.60
H: 80% RECHARGE LEVEL (F+B): 6.81

PURGE DATA

START TIME: 1525
PUMP DEPTH: 18.50
FINISH TIME: 1605
PUMP DEPTH: 18.50

RECHARGE / SAMPLE TIME

DEPTH TO WATER: 5.65 TIME MEASURED: 1610
GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one YES NO
SAMPLE TIME: ~~2:05~~ 1610 DEPTH TO WATER: 3.65
SAMPLE APPEARANCE / ODOR: GOOD CLARITY, NO SEDIMENT, VERY STRONG PETRO ODOR
TOTAL GALLONS PURGED: 10

WELL FLUID PARAMETERS

CASE VOL.	0	1.60 0.5	3.20 1	4.80 1.5	6.40 2	8.0 2.5	9.60 3	POST
Ph	6.64	6.62	6.64	6.61	6.65	6.60	6.66	6.71
TEMP in °C	17.2	17.3	17.3	17.1	17.5	17.6	17.7	17.8
COND / SC	1037	1023	1014	1020	1014	1005	992	996
DTW	3.65	3.72	3.75	3.73	3.80	3.79	3.85	3.72
Pump Depth	18.50	18.50	18.50	18.50	18.50	18.50	18.50	—
Pump Rate	500ml/min	500ml/min	600ml/min	600ml/min	600ml/min	600ml/min	600ml/min	—



**DYSERT ENVIRONMENTAL, INC.
WELL PURGING / SAMPLING DATA**

Dysert Environmental, Inc.

PROJECT: SITEASIS CHANGE PN 7335
 SITE LOCATION: 5930 CONVERSE AVE

DATE: 4/14/00

CITY: OAKLAND STATE: CA

circle one 12 volt submersible pump PURGE DEVICE
 peristaltic pump bladder pump disposable bailer

circle one bladder pump SAMPLING DEVICE
 peristaltic pump circle one disposable bailer other

casing diameter (inches) circle one 0.75 circle one 2 4 6
 casing volumes (gallons) circle one 0.02 circle one 0.2 0.7 1.52

WELL DATA

SAMPLER/S: KAN ADKINSON
 WELL NUMBER / FIELD POINT ID: MW-3
 A. TOTAL WELL DEPTH: 18.93
 B. DEPTH TO WATER: 3.41
 C. WATER HEIGHT (A-B): 15.52
 D. WELL CASING DIAMETER: 2
 E. CASING VOLUME: .2
 F. SINGLE CASE VOLUME (Cx E): 3.10
 G. CASE VOLUME (s) (Cx Ex 3): 9.30
 H: 80% RECHARGE LEVEL (F+B): 6.51

PURGE DATA

START TIME: 1359
 PUMP DEPTH: ~17.93
 FINISH TIME: 1511
 PUMP DEPTH: ~17.93

RECHARGE / SAMPLE TIME 1518

DEPTH TO WATER: 4.29 TIME MEASURED:
 GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one YES NO
 SAMPLE TIME: 1518 DEPTH TO WATER: 4.29
 SAMPLE APPEARANCE / ODOR: GOOD TASTE, NO SEDIMENT, STRONG FRESH ODOR
 TOTAL GALLONS PURGED:

WELL FLUID PARAMETERS

CASE VOL.	0	1.55 0.5	3.10 1	4.65 1.5	6.20 2	7.75 2.5	9.30 3	POST
Ph	6.52	6.64	6.71	6.71	6.83	6.71	6.72	6.75
TEMP in °C	16.7	16.1	16.1	15.9	15.7	15.7	15.8	15.8
COND / SC	648	659	437	676	677	679	679	676
DTW	4.25	4.70	5.05	6.35	6.85	7.05	7.18	6.81
Pump Depth	~17.93	~17.93	~17.93	~17.93	~17.93	~17.93	~17.93	—
Pump Rate	~600 gpm	~600 gpm	~400 gpm	~800 gpm	~800 gpm	~800 gpm	~800 gpm	

**REPORT OF
ADDITIONAL SITE CHARACTERIZATION
&
GROUNDWATER MONITORING**

5930 College Avenue, Oakland, California
ACHCSA Site #RO0000377

**APPENDIX C
LABORATORY ANALYTICAL REPORTS,
CHAIN OF CUSTODY RECORDS
GETTLER-RYAN MONITORING DATA & ANALYTICAL RESULTS**

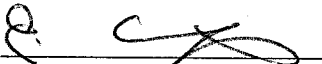


Case Narrative

Client: Golden Gate Tank
Project: 5930 COLLEGE AVE.
Lab No: 05-0498

Date Received: 04/06/2005 Date reported: 04/12/2005

Six soil samples (sample 7335-SC2 is composite 4:1) were received for the analysis of gasoline by method 8015B, BTEX/MTBE by method 8021B, fuel oxygenates by GC/MS method 8260B and total lead by ICAP method 6010B (sample 05-0498-01 only). The QC/QA results passed all acceptance criteria except 1,1-dichloroethene by GC/MS (spiked sample 05-0498-03). The % recoveries for this compound were out of limits and substituted by LCS/LCSD results from the same batch.


Erin Cunniffe
Laboratory Director



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 05-0498
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 04/14/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B
Lead by ICAP Method 6010B

Table with 6 columns: Analyte, Method, Result, Unit, Date Sampled, Date Analyzed. It contains two main sections of data for samples 05-0498-01 and 05-0498-02, listing various analytes like Benzene, Ethylbenzene, Gasoline Range Organics, etc., with their respective results and units.



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 05-0498
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 04/14/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B
Lead by ICAP Method 6010B

Table with 6 columns: Analyte, Method, Result, Unit, Date Sampled, Date Analyzed. It contains three sections of data for samples 05-0498-03, 05-0498-04, and 05-0498-05, listing various analytes like Benzene, Ethylbenzene, and Gasoline Range Organics.



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0498
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 04/05/2005
Date Analyzed: 04/07/2005
Date Reported: 04/12/2005

Fuel Oxygenates by Method 8260B

Laboratory Number	05-0498-02	05-0498-03	05-0498-04	05-0498-05	05-0498-06
Client ID	7335-PW1-4.5	7335-PW1-6	7335-PW1-9	7335-PW1-11.	7335-PW1-20
Matrix	SO	SO	SO	SO	SO
Analyte	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Methyl-tert-butyl ether	ND<5	ND<5	ND<5	ND<5	ND<5
Ethyl tert-butyl ether	ND<5	ND<5	ND<5	ND<5	ND<5
tert-Amyl methyl ether	ND<5	ND<5	ND<5	ND<5	ND<5
Di-isopropyl ether (DIPE)	ND<5	ND<5	ND<5	ND<5	ND<5
tert-Butyl alcohol	ND<250	ND<250	ND<250	ND<250	ND<250
1,2-Dichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,2-Dibromoethane	ND<5	ND<5	ND<5	ND<5	ND<5
Ethanol	ND<500	ND<500	ND<500	ND<500	ND<500
SUR-Dibromofluoromethane	97	98	94	99	98
SUR-Toluene-d8	105	107	107	108	109
SUR-4-Bromofluorobenzene	92	92	90	91	91
SUR-1,2-Dichloroethane-d4	113	116	113	116	118



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0498
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 04/05/2005
Date Analyzed: 04/07/2005
Date Reported: 04/12/2005

Fuel Oxygenates by Method 8260B
Quality Control/Quality Assurance Summary

Table with 6 columns: Laboratory Number, Client ID, Matrix, Analyte, Results UG/KG, %Recoveries, RPD, Recovery Limit, RPD Limit. Lists various analytes like Ethanol, Methyl-tert-butyl ether, etc., with their respective results and recovery percentages.

Reviewed and Approved

Handwritten signature of Erin Canniffe, Laboratory Director



SAMPLE RECEIPT CHECKLIST

Client Name: GOTR Ref/Job No: 05-0498 Date: 4/6/05
 Checked By: EK
 Matrix: _____ Soil: L Water: _____ Other: _____

If Received via Shipment (If dropped off in person this section does not apply):

Carrier Name: _____

Shipping Container/Cooler In Good Condition? Y N

Custody Seals Intact on Shipping Container? Y N N/A

No. of coolers: _____ Temperature of Cooler: _____ In Range?: Y N

Custody Seals intact on sample containers? Y N N/A

Chain of Custody present? Y N

Chain of Custody Signatures & Date/Time correct? Y N

Chain of custody agrees with sample labels? Y N

Samples in proper containers? Y N

Sample containers Intact? Y N

Sufficient sample volume for indicated tests? Y N

All Samples received within holding times? Y N

Temperature Blank present? Record Temp if present. Y N Temp: _____

For water samples- VOAS have zero headspace? Y N N/A

Samples received in bottles with proper preservative? Y N N/A

pH adjusted - Preservative used: _____ HNO3: ___ HCl: ___ H2SO4: ___ NaOH: ___ ZnOAc: ___
Supplier: _____ Lot: _____

For water samples for the analysis of total recoverable metals not digested - pH <2? See attached sheet

Corrective Action Record:
 Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
 Contacted by: _____ Regarding: _____
 Comments: _____
 Corrective Action: _____



North State Labs

815 Dubuque Avenue, South San Francisco, CA 94080
Phone: (650) 266-4563 Fax: (650) 266-4560

916 616 4126

05-0198

Chain of Custody / Request for Analysis

Lab Job No.: _____ Page 1 of 1

Client: GOLDEN GATE TANK REMOVAL	Report to: BRENT WHEELER	Phone: 415-512-1555	Turnaround Time STD-24
Mailing Address: 255 SHIPLEY ST SF CA	Billing to: SAME	Fax: 512-1555	
		email: data@nslr.com	Date: 4-5-5
		PO# 7335	Sampler: WHEELER/WOLF

Project / Site Address / Global ID: TO600102112					Analysis Requested							EDF <input checked="" type="checkbox"/>	PDF <input checked="" type="checkbox"/>	Field Point ID
Sample ID	Sample Type	Container No. / Type	Pres.	Sampling Date / Time	TPH-6	BTEX / MTBE	TOTAL LEAD	FUEL OXYLS	EDB (8260)	(8260) EPC	(2499) (8260) (8260) (8260) (8260)			
1 7335-SC2	SOIL	4 / BRASS TUBE	4°C	4-5-05 / 1100	✓	✓	✓							SC2
2 7335-PW1-4.5		1 / BUT ACRYLIC TUBE		10945	✓	✓			✓					PW1-4.5
3 7335-PW1-6				10947	✓	✓			✓					PW1-6
4 7335-PW1-9				10950	✓	✓			✓					PW1-9
5 7335-PW1-11.5				10955	✓	✓			✓					PW1-11.5
6 7335-PW1-20				11010	✓	✓			✓					PW1-20

Relinquished by:	Date: 4/6/5 Time: 950	Received by:	Lab Comments/ Hazards
Relinquished by:	Date: 4/6/05 Time: 1050	Received by:	
Relinquished by:	Date: _____ Time: _____	Received by:	



Case Narrative

Client: Golden Gate Tank Removal

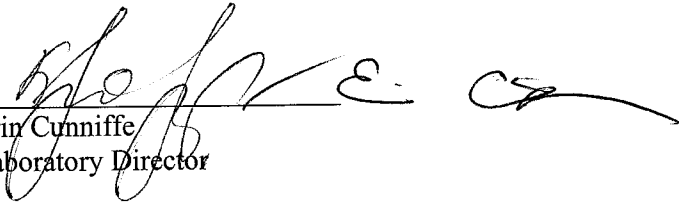
Project: 5930 College Ave., Oakland

Lab No: 05-0540

Date Received: 04/14/05

Date reported: 04/20/05

Two water samples were analyzed for gasoline by method 8015B, BTEX and MTBE by method 8021B, and fuel oxygenates by GC/MS method 8260B. No errors occurred during analysis. Results for QC/QA samples met all required criteria.


Erin Cunniffe
Laboratory Director



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 05-0540
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 04/20/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 05-0540-01 Client ID: HB-1-W				04/14/2005	W
Benzene	SW8020F	0.8	UG/L		04/14/2005
Ethylbenzene	SW8020F	0.9	UG/L		04/14/2005
Gasoline Range Organics	SW8020F	173	UG/L		04/14/2005
Methyl-tert-butyl ether	SW8020F	*0.9	UG/L		04/14/2005
SUR-a, a, a-Trifluorotoluene	SW8020F	96	PERCENT		04/14/2005
Toluene	SW8020F	ND<0.5	UG/L		04/14/2005
Xylenes	SW8020F	3.9	UG/L		04/14/2005
Sample: 05-0540-02 Client ID: B18-W				04/14/2005	W
Benzene	SW8020F	ND<0.5	UG/L		04/14/2005
Ethylbenzene	SW8020F	ND<0.5	UG/L		04/14/2005
Gasoline Range Organics	SW8020F	51	UG/L		04/14/2005
Methyl-tert-butyl ether	SW8020F	ND<0.5	UG/L		04/14/2005
SUR-a, a, a-Trifluorotoluene	SW8020F	100	PERCENT		04/14/2005
Toluene	SW8020F	ND<0.5	UG/L		04/14/2005
Xylenes	SW8020F	1.8	UG/L		04/14/2005



C E R T I F I C A T E O F A N A L Y S I S

Quality Control/Quality Assurance

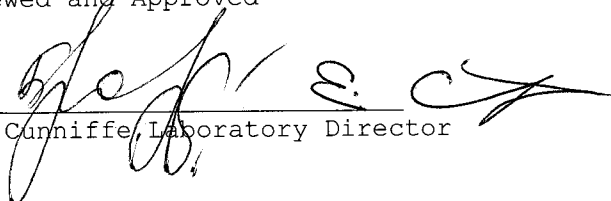
Lab Number: 05-0540
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 04/20/2005
Gasoline, BTEX and MTBE by Methods 8015B/8021B

Analyte	Method	Reporting Unit Limit	Blank	Avg MS/MSD Recovery	RPD
Gasoline Range Organics	SW8020F	50 UG/L	ND	77/88	13
Benzene	SW8020F	0.5 UG/L	ND	71/80	12
Toluene	SW8020F	0.5 UG/L	ND	73/82	12
Ethylbenzene	SW8020F	0.5 UG/L	ND	79/89	12
Xylenes	SW8020F	1.0 UG/L	ND	78/88	12
Methyl-tert-butyl ether	SW8020F	0.5 UG/L	ND	79/87	10
SUR-a, a, a-Trifluorotoluene	SW8020F	PERCENT 101		101/100	1

ELAP Certificate NO:1753

Reviewed and Approved


Erin Cunniffe, Laboratory Director



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0540
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 04/14/2005
Date Analyzed: 04/14/2005
Date Reported: 04/20/2005

Fuel Oxygenates by Method 8260B

Laboratory Number	05-0540-01	05-0540-02
Client ID	HB-1-W	B18-W
Matrix	W	W
Analyte	UG/L	UG/L
Methyl-tert-butyl ether	0.9	ND<0.5
Ethyl tert-butyl ether	ND<1	ND<1
tert-Amyl methyl ether	ND<1	ND<1
Di-isopropyl ether (DIPE)	ND<0.5	ND<0.5
tert-Butyl alcohol	ND<10	ND<10
1,2-Dichloroethane	ND<1	ND<1
1,2-Dibromoethane	ND<0.5	ND<0.5
Ethanol	ND<50	ND<50
SUR-Dibromofluoromethane	99	101
SUR-Toluene-d8	107	110
SUR-4-Bromofluorobenzene	102	105
SUR-1,2-Dichloroethane-d4	97	103



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0540
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 04/14/2005
Date Analyzed: 04/14/2005
Date Reported: 04/20/2005

Fuel Oxygenates by Method 8260B
Quality Control/Quality Assurance Summary

Table with 6 columns: Laboratory Number, Client ID, Matrix, Analyte, Results, %Recoveries, RPD, Recovery Limit, RPD Limit. Lists various compounds like Ethanol, Methyl-tert-butyl ether, etc., with their respective recovery percentages and RPD values.

Reviewed and Approved

Handwritten signature of Erin Cunniffe, Laboratory Director.



SAMPLE RECEIPT CHECKLIST

Client Name: GBT Ref/Job No: 05-0540 Date: 4/2/14/05
 Checked By: ca
 Matrix: Soil: Water: Other:

If Received via Shipment (If dropped off in person this section does not apply):

Carrier Name: _____

Shipping Container/Cooler In Good Condition?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
--	---------------------------------------	----------------------------

Custody Seals Intact on Shipping Container?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N/A
---	---------------------------------------	----------------------------	------------------------------

No. of coolers:	Temperature of Cooler:	In Range?:	<input type="checkbox"/> Y	<input type="checkbox"/> N
-----------------	------------------------	------------	----------------------------	----------------------------

Custody Seals intact on sample containers?	<input type="checkbox"/> Y	<input type="checkbox"/> N	<input checked="" type="checkbox"/> N/A
--	----------------------------	----------------------------	---

Chain of Custody present?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
---------------------------	---------------------------------------	----------------------------

Chain of Custody Signatures & Date/Time correct?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
--	---------------------------------------	----------------------------

Chain of custody agrees with sample labels?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
---	---------------------------------------	----------------------------

Samples in proper containers?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
-------------------------------	---------------------------------------	----------------------------

Sample containers Intact?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
---------------------------	---------------------------------------	----------------------------

Sufficient sample volume for indicated tests?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
---	---------------------------------------	----------------------------

All Samples received within holding times?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
--	---------------------------------------	----------------------------

Temperature Blank present? Record Temp if present.	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Temp: _____
--	----------------------------	---------------------------------------	-------------

For water samples- VOAS have zero headspace?	<input type="checkbox"/> Y	<input type="checkbox"/> N	<input checked="" type="checkbox"/> N/A
--	----------------------------	----------------------------	---

Samples received in bottles with proper preservative?	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<input checked="" type="checkbox"/> N/A
pH adjusted - Preservative used:	HNO ₃ : _____ HCl: _____	H ₂ SO ₄ : _____ NaOH: _____	ZnOAc: _____
	Supplier: _____	Lot: _____	

For water samples for the analysis of total recoverable metals not digested - pH <2?	See attached sheet
--	--------------------

Corrective Action Record:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action: _____



Case Narrative

Client: Golden Gate Tank

Project: 5930 College Ave.

Lab No: 05-0642

Date Received: 05/02/05

Date reported: 06/08/05

Twenty soil and four water samples were analyzed for gasoline, motor oil, and hydraulic oil by method 8015B (modified for motor oil and hydraulic oil/client's request), BTEX/MTBE by method 8021B, fuel oxygenates and VOCs by GC/MS method 8260B, n-hexane extractable material (HEM) by method 1664, and metals by ICP-MS method 200.8/6020. All QC/QA results were within acceptance limits except for the MS/MSD results for the motor oil and hydraulic oil analysis for sample 05-0642-06 (spiked non-client sample), and for the fuel oxygenates analysis for samples 05-0642-02 & -03 (spiked non-client sample); batches were accepted by and reported with the LCS/LCSD results for both analyses. The LCS/LCSD was used as quality control for the water analyses of gasoline, BTEX/MTBE, and HEM; not enough sample was supplied to analyze a MS/MSD.

Erin Cunniffe
Laboratory Director



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 05-0642
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/08/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B
Motor Oil and Hydraulic Range Organics by Method 8015B
(Modified/client's request)
n-Hexane Extractable Material (HEM) by Method 1664
Metals by ICP-MS Method 6020

Table with columns: Analyte, Method, Result, Unit, Date Sampled, Date Analyzed. Contains two main sections for samples 05-0642-01 and 05-0642-02, listing various analytes like Cadmium, Chromium, Lead, Nickel, Zinc, Benzene, Ethylbenzene, Gasoline Range Organics, etc.

*Conf. by GC/MS method 8260B; **GC/MS result reported



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 05-0642
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/08/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B
Motor Oil and Hydraulic Range Organics by Method 8015B
(Modified/client's request)
n-Hexane Extractable Material (HEM) by Method 1664
Metals by ICP-MS Method 6020

Table with 6 columns: Analyte, Method, Result, Unit, Date Sampled, Date Analyzed. It contains three main sections of data for samples 05-0642-02, 05-0642-03, and 05-0642-04, listing various analytes like Xylenes, Benzene, Ethylbenzene, etc., with their respective results and units.



C E R T I F I C A T E O F A N A L Y S I S

Quality Control/Quality Assurance

Lab Number: 05-0642
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/08/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B
Motor Oil and Hydraulic Oil Range Organics by Method 8015B
(Modified/client's request)
n-Hexane Extractable Material (HEM) by Method 1664
Metals by ICP-MS Method 6020

Table with 7 columns: Analyte, Method, Reporting Unit, Limit, Blank, MS/MSD Recovery, RPD. Rows include HEM, Diesel Fuel #2, Hydraulic Oil, Motor Oils, Gasoline Range Organics, Benzene, Toluene, Ethylbenzene, Xylenes, Methyl-tert-butyl ether, SUR-a,a,a-Trifluorotoluene, Cadmium, Chromium, Lead, Nickel, Zinc.

ELAP Certificate NO:1753

Reviewed and Approved

Handwritten signature of Erin Cunniffe

Erin Cunniffe, Laboratory Director



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 05-0642
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/08/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 05-0642-05	Client ID: B12-7			05/02/2005	SO
Benzene	SW8020F	ND<5	UG/KG		05/10/2005
Ethylbenzene	SW8020F	ND<5	UG/KG		05/10/2005
Gasoline Range Organics	SW8020F	ND<500	UG/KG		05/10/2005
Methyl-tert-butyl ether	SW8020F	*ND<5	UG/KG		05/10/2005
SUR-a, a, a-Trifluorotoluene	SW8020F	98	PERCENT		05/10/2005
Toluene	SW8020F	6	UG/KG		05/10/2005
Xylenes	SW8020F	21	UG/KG		05/10/2005
Sample: 05-0642-08	Client ID: B12-20			04/30/2005	SO
Benzene	SW8020F	16	UG/KG		05/17/2005
Ethylbenzene	SW8020F	45	UG/KG		05/17/2005
Gasoline Range Organics	SW8020F	2730	UG/KG		05/17/2005
Methyl-tert-butyl ether	SW8020F	*123	UG/KG		05/17/2005
SUR-a, a, a-Trifluorotoluene	SW8020F	95	PERCENT		05/17/2005
Toluene	SW8020F	35	UG/KG		05/17/2005
Xylenes	SW8020F	208	UG/KG		05/17/2005
Sample: 05-0642-09	Client ID: B16-7.5			04/30/2005	SO
Benzene	SW8020F	ND<5	UG/KG		05/17/2005
Ethylbenzene	SW8020F	27	UG/KG		05/17/2005
Gasoline Range Organics	SW8020F	1900	UG/KG		05/17/2005
Methyl-tert-butyl ether	SW8020F	*ND<5	UG/KG		05/17/2005
SUR-a, a, a-Trifluorotoluene	SW8020F	95	PERCENT		05/17/2005



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 05-0642
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/08/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B

Table with 6 columns: Analyte, Method, Result, Unit, Date Sampled, Date Analyzed. It lists three sample sets (05-0642-09, 05-0642-11, 05-0642-15) and their corresponding chemical analysis results.



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 05-0642
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/08/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 05-0642-16 Client ID: B19-20 04/30/2005 SO					
Benzene	SW8020F	39	UG/KG		05/11/2005
Ethylbenzene	SW8020F	52	UG/KG		05/11/2005
Gasoline Range Organics	SW8020F	10000	UG/KG		05/11/2005
Methyl-tert-butyl ether	SW8020F	ND<5	UG/KG		05/11/2005
SUR-a,a,a-Trifluorotoluene	SW8020F	104	PERCENT		05/11/2005
Toluene	SW8020F	33	UG/KG		05/11/2005
Xylenes	SW8020F	182	UG/KG		05/11/2005
Sample: 05-0642-17 Client ID: B19-24 04/30/2005 SO					
Benzene	SW8020F	94	UG/KG		05/11/2005
Ethylbenzene	SW8020F	91	UG/KG		05/11/2005
Gasoline Range Organics	SW8020F	8150	UG/KG		05/11/2005
Methyl-tert-butyl ether	SW8020F	*ND<5	UG/KG		05/11/2005
SUR-a,a,a-Trifluorotoluene	SW8020F	110	PERCENT		05/11/2005
Toluene	SW8020F	163	UG/KG		05/11/2005
Xylenes	SW8020F	341	UG/KG		05/11/2005
Sample: 05-0642-18 Client ID: B20-7 04/30/2005 SO					
Benzene	SW8020F	22	UG/KG		05/16/2005
Ethylbenzene	SW8020F	14	UG/KG		05/16/2005
Gasoline Range Organics	SW8020F	519	UG/KG		05/16/2005
Methyl-tert-butyl ether	SW8020F	ND<5	UG/KG		05/16/2005
SUR-a,a,a-Trifluorotoluene	SW8020F	96	PERCENT		05/16/2005



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 05-0642
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/08/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B

Table with 6 columns: Analyte, Method, Result, Unit, Date Sampled, Date Analyzed. Contains data for three samples (05-0642-18, 05-0642-19, 05-0642-20) listing various analytes like Toluene, Xylenes, Benzene, Ethylbenzene, Gasoline Range Organics, etc.



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 05-0642
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/08/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B

Table with 6 columns: Analyte, Method, Result, Unit, Date Sampled, Date Analyzed. Contains three sample analysis sections for Client IDs B24-7, B24-10, and B24-22.

*Conf. by GC/MS method 8260B; **GC/MS result reported



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 05-0642
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/08/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 05-0642-24	Client ID: B24-22			04/30/2005	SO
Toluene	SW8020F	272	UG/KG		05/16/2005
Xylenes	SW8020F	2140	UG/KG		05/16/2005



C E R T I F I C A T E O F A N A L Y S I S

Quality Control/Quality Assurance

Lab Number: 05-0642
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/08/2005
Gasoline, BTEX and MTBE by Methods 8015B/8021B

Table with 7 columns: Analyte, Method, Reporting Unit, Limit, Blank, MS/MSD Recovery, RPD. Rows include Gasoline Range (05/10/05), Benzene, Toluene, Ethylbenzene, Xylenes, Methyl-tert-butyl ether, SUR-a,a,a-Trifluorotoluene, Gasoline Range (05/16/05), Benzene, Toluene, Ethylbenzene, Xylenes, Methyl-tert-butyl ether, SUR-a,a,a-Trifluorotoluene.

ELAP Certificate NO:1753

Reviewed and Approved

Erin Cunniffe, Laboratory Director



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 05-0642
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/08/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B
Motor Oil and Hydraulic Oil Range Organics by Method 8015B
(Modified/client's request)
n-Hexane Extractable Material (HEM) by Method 1664
Metals by ICP-MS Method 6020

Table with 6 columns: Analyte, Method, Result, Unit, Date Sampled, Date Analyzed. Contains data for Sample: 05-0642-06, Client ID: B12-10, dated 05/02/2005.

Table with 6 columns: Analyte, Method, Result, Unit, Date Sampled, Date Analyzed. Contains data for Sample: 05-0642-07, Client ID: B12-15, dated 05/02/2005.

*Conf. by GC/MS method 8260B; **GC/MS result reported



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 05-0642
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/08/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B
Motor Oil and Hydraulic Oil Range Organics by Method 8015B
(Modified/client's request)
n-Hexane Extractable Material (HEM) by Method 1664
Metals by ICP-MS Method 6020

Table with 6 columns: Analyte, Method, Result, Unit, Date Sampled, Date Analyzed. Contains two main sections of data for samples 05-0642-07 and 05-0642-10.



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 05-0642
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/08/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B
Motor Oil and Hydraulic Oil Range Organics by Method 8015B
(Modified/client's request)
n-Hexane Extractable Material (HEM) by Method 1664
Metals by ICP-MS Method 6020

Table with 6 columns: Analyte, Method, Result, Unit, Date Sampled, Date Analyzed. Contains three sample entries (05-0642-12, 05-0642-13, 05-0642-14) and their respective chemical analysis results.

*Conf. by GC/MS method 8260B; **GC/MS result reported



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 05-0642
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/08/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B
Motor Oil and Hydraulic Oil Range Organics by Method 8015B
(Modified/client's request)
n-Hexane Extractable Material (HEM) by Method 1664
Metals by ICP-MS Method 6020

Table with 6 columns: Analyte, Method, Result, Unit, Date Sampled, Date Analyzed. Contains two sample entries: 05-0642-14 and 05-0642-23, listing various analytes like Toluene, Xylenes, Benzene, Ethylbenzene, Gasoline Range Organics, etc.



CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

Lab Number: 05-0642
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/08/2005

Analyte	Method	Reporting Unit	Blank	LCS/LCSD Recovery	RPD
HEM	E1664	50	MG/KG	ND	81/88 8
Diesel Fuel #2 (05/03/05)	CATFH	1	MG/KG	ND	104/106 2
Hydraulic Oil	CATFH	10	MG/KG	ND	NA NA
Motor Oils	CATFH	10	MG/KG	ND	NA NA
Cadmium	SW6020	0.5	MG/KG	ND<0.5	100/100 0
Chromium	SW6020	0.5	MG/KG	ND<0.5	98/98 0
Lead	SW6020	0.5	MG/KG	ND<0.5	90/90 0
Nickel	SW6020	0.5	MG/KG	ND<0.5	100/100 0
Zinc	SW6020	1.0	MG/KG	ND<1.0	110/112 2
Diesel Fuel #2 (05/05/05)	CATFH	1	MG/KG	ND	90/106 16
Hydraulic Oil	CATFH	10	MG/KG	ND	NA NA
Motor Oils	CATFH	10	MG/KG	ND	NA NA
Gasoline Range (05/11/05)	SW8020F	500	MG/KG	ND	110/106 4
Benzene	SW8020F	5	MG/KG	ND	101/96 5
Toluene	SW8020F	5	MG/KG	ND	97/93 4
Ethylbenzene	SW8020F	5	MG/KG	ND	91/86 6
Xylenes	SW8020F	10	MG/KG	ND	88/85 3
Methyl-tert-butyl ether	SW8020F	5	MG/KG	ND	92/91 1
SUR-a,a,a-Trifluorotoluene	SW8020F		PERCENT		110/109 1
Gasoline Range (05/13/05)	SW8020F	500	UG/KG	ND	127/126 1
Benzene	SW8020F	5	UG/KG	ND	93/90 3
Toluene	SW8020F	5	UG/KG	ND	92/90 2
Ethylbenzene	SW8020F	5	UG/KG	ND	92/91 1
Xylenes	SW8020F	10	UG/KG	ND	91/91 0
Methyl-tert-butyl ether	SW8020F	5	UG/KG	ND	86/86 0
SUR-a,a,a-Trifluorotoluene	SW8020F		PERCENT	102	99/100 1

ELAP Certificate NO:1753

Reviewed and Approved

Erin Cunniffe, Laboratory Director



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 05/02/2005
Date Analyzed: 05/10/2005
Date Reported: 05/23/2005

Volatile Organics by GC/MS Method 8260B

Laboratory Number	05-0642-01
Client ID	B12-W
Matrix	W
Analyte	UG/L
Bromochloromethane	ND<10000
Dichlorodifluoromethane	ND<10000
Chloromethane	ND<10000
Vinyl chloride	ND<5000
Bromomethane	ND<10000
Chloroethane	ND<10000
Trichlorofluoromethane	ND<10000
1,1-Dichloroethene	ND<5000
Acetone	ND<10000
Methylene chloride	ND<250000
trans-1,2-Dichloroethene	ND<10000
Methyl-tert-butyl ether	ND<5000
1,1-Dichloroethane	ND<5000
2,2-Dichloropropane	ND<10000
cis-1,2-Dichloroethene	ND<10000
2-Butanone	ND<50000
Chloroform	ND<5000
Carbon tetrachloride	ND<5000
1,1-Dichloropropene	ND<10000
Benzene	64200
1,2-Dichloroethane	ND<10000
Trichloroethene	ND<5000
1,2-Dichloropropane	ND<10000
Dibromomethane	ND<10000
Bromodichloromethane	ND<10000
trans-1,3-Dichloropropene	ND<10000
4-Methyl-2-pentanone	ND<10000
Toluene	450000
cis-1,3-Dichloropropene	ND<10000
1,1,2-Trichloroethane	ND<10000
Tetrachloroethene	ND<5000
1,3-Dichloropropane	ND<10000
2-Hexanone	ND<10000
Dibromochloromethane	ND<10000
1,2-Dibromoethane	ND<5000

Comments :



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 05/02/2005
Date Analyzed: 05/10/2005
Date Reported: 05/23/2005

Volatile Organics by GC/MS Method 8260B

Laboratory Number	05-0642-01
Client ID	B12-W
Matrix	W
Analyte	UG/L
Chlorobenzene	ND<10000
1,1,1,2-Tetrachloroethane	ND<10000
Ethylbenzene	550000
Xylene, Isomers m & p	1870000
o-Xylene	827000
Styrene	ND<10000
Bromoform	ND<10000
Isopropylbenzene	61200
Bromobenzene	ND<10000
1,1,2,2-Tetrachloroethane	ND<10000
n-Propylbenzene	236000
2-Chlorotoluene	ND<10000
4-Chlorotoluene	ND<10000
1,3,5-Trimethylbenzene	430000
tert-Butylbenzene	ND<10000
1,2,4-Trimethylbenzene	1270000
1,3-Dichlorobenzene	ND<10000
1,4-Dichlorobenzene	ND<10000
sec-Butylbenzene	28600
1,2-Dichlorobenzene	ND<10000
n-Butylbenzene	ND<10000
Naphthalene	305000
1,2,4-Trichlorobenzene	ND<10000
Hexachlorobutadiene	ND<10000
1,2,3-Trichlorobenzene	ND<10000
1,2,3-Trichloropropane	ND<10000
Acetonitrile	ND<50000
Acrylonitrile	ND<10000
Isobutanol	ND<50000
1,1,1-Trichloroethane	ND<10000
SUR-Dibromofluoromethane	92
SUR-Toluene-d8	95
SUR-4-Bromofluorobenzene	114
SUR-1,2-Dichloroethane-d4	97

Comments :



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 05/02/2005
Date Analyzed: 05/10/2005
Date Reported: 05/23/2005

Volatile Organics by GC/MS Method 8260B
Quality Control/Quality Assurance Summary

Table with columns: Laboratory Number, Client ID, Matrix, Analyte, Results UG/L, %Recoveries, RPD, Recovery Limit, RPD Limit. Lists various chemical analytes and their corresponding results and recovery percentages.



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 05/02/2005
Date Analyzed: 05/10/2005
Date Reported: 05/23/2005

Volatile Organics by GC/MS Method 8260B
Quality Control/Quality Assurance Summary

Table with columns: Laboratory Number, Client ID, Matrix, Analyte, Results, %Recoveries, RPD, Recovery Limit, RPD Limit. Lists various analytes like Bromoform, Isopropylbenzene, etc., with their respective results and recovery percentages.

Reviewed and Approved

Erin Cunniffe
Laboratory Director



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 05/02/2005
Date Analyzed: 05/10/2005
Date Reported: 05/23/2005

Fuel Oxygenates by Method 8260B

Laboratory Number	05-0642-01
Client ID	B12-W
Matrix	W
Analyte	UG/L
Methyl-tert-butyl ether	ND<5000
Ethyl tert-butyl ether	ND<10000
tert-Amyl methyl ether	ND<10000
Di-isopropyl ether (DIPE)	ND<5000
tert-Butyl alcohol	ND<100000
1,2-Dichloroethane	ND<10000
1,2-Dibromoethane	ND<5000
Ethanol	ND<500000
SUR-Dibromofluoromethane	92
SUR-Toluene-d8	95
SUR-4-Bromofluorobenzene	114
SUR-1,2-Dichloroethane-d4	97



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 05/02/2005
Date Analyzed: 05/10/2005
Date Reported: 05/23/2005

Fuel Oxygenates by Method 8260B
Quality Control/Quality Assurance Summary

Table with 6 columns: Laboratory Number, Client ID, Matrix, Analyte, Results UG/L, %Recoveries, RPD, Recovery Limit, RPD Limit. Lists various analytes like Ethanol, Methyl-tert-butyl ether, etc., with their respective results and recovery percentages.

Reviewed and Approved

Erin Cunniffe
Laboratory Director



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 05/02/2005
Date Analyzed: 05/10/2005
Date Reported: 05/23/2005

Fuel Oxygenates by Method 8260B

Laboratory Number	05-0642-01	05-0642-02	05-0642-03
Client ID	B12-W	B16-W	B19-W
Matrix	W	W	W
Analyte	UG/L	UG/L	UG/L
Methyl-tert-butyl ether	ND<5000	197	146
Ethyl tert-butyl ether	ND<10000	ND<100	ND<100
tert-Amyl methyl ether	ND<10000	ND<100	ND<100
Di-isopropyl ether (DIPE)	ND<5000	ND<50	ND<50
tert-Butyl alcohol	ND<100000	ND<1000	ND<1000
1,2-Dichloroethane	ND<10000	ND<100	ND<100
1,2-Dibromoethane	ND<5000	ND<50	ND<50
Ethanol	ND<500000	ND<5000	ND<5000
SUR-Dibromofluoromethane	92	103	92
SUR-Toluene-d8	95	100	97
SUR-4-Bromofluorobenzene	114	101	115
SUR-1,2-Dichloroethane-d4	97	103	112



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 05/02/2005
Date Analyzed: 05/10/2005
Date Reported: 05/23/2005

Fuel Oxygenates by Method 8260B
Quality Control/Quality Assurance Summary

Table with 6 columns: Laboratory Number, Client ID, Matrix, Analyte, Results UG/L, %Recoveries, LCS/LCSD Recovery, RPD, Recovery Limit, RPD Limit. Lists various analytes like Ethanol, Methyl-tert-butyl ether, etc., with their respective results and recovery percentages.

Reviewed and Approved

[Handwritten signature]

Erin Cunniffe
Laboratory Director



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 05/02/2005
Date Analyzed: 05/06/2005
Date Reported: 05/23/2005

Volatile Organics by GC/MS Method 8260B

Table with 3 columns: Analyte, 05-0642-06, 05-0642-07. Lists various chemical compounds and their concentrations in UG/KG.

Comments:



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 05/02/2005
Date Analyzed: 05/06/2005
Date Reported: 05/23/2005

Volatile Organics by GC/MS Method 8260B

Table with 3 columns: Analyte, 05-0642-06, 05-0642-07. Lists various chemical compounds and their concentrations in UG/KG.

Comments :



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 05/02/2005
Date Analyzed: 05/06/2005
Date Reported: 05/23/2005

Volatile Organics by GC/MS Method 8260B
Quality Control/Quality Assurance Summary

Table with columns: Laboratory Number, Client ID, Matrix, Analyte, Results, %Recoveries, RPD, Recovery Limit, RPD Limit. Lists various chemical analytes and their corresponding results and recovery percentages.



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 05/02/2005
Date Analyzed: 05/06/2005
Date Reported: 05/23/2005

Volatile Organics by GC/MS Method 8260B
Quality Control/Quality Assurance Summary

Laboratory Number 05-0642 MS/MSD RPD Recovery RPD
Client ID Blank Recovery Limit Limit
Matrix SO SO

Analyte Results %Recoveries
UG/KG

Table with 6 columns: Analyte, Results (UG/KG), %Recoveries, RPD, Recovery Limit, RPD Limit. Lists various organic compounds and their detection results.

Reviewed and Approved

Erin Cunniffe
Laboratory Director



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 05/02/2005
Date Analyzed: 05/06/2005
Date Reported: 05/23/2005

Fuel Oxygenates by Method 8260B

Laboratory Number	05-0642-06	05-0642-07	05-0642-11	05-0642-12	05-0642-13
Client ID	B12-10	B12-15	B16-15	B16-25	B19-7
Matrix	SO	SO	SO	SO	SO
Analyte	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Methyl-tert-butyl ether	ND<5	33	ND<5	56	ND<5
Ethyl tert-butyl ether	ND<5	ND<5	ND<5	ND<5	ND<5
tert-Amyl methyl ether	ND<5	ND<5	ND<5	ND<5	ND<5
Di-isopropyl ether (DIPE)	ND<5	ND<5	ND<5	ND<5	ND<5
tert-Butyl alcohol	ND<250	ND<250	ND<250	ND<250	ND<250
1,2-Dichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,2-Dibromoethane	ND<5	ND<5	ND<5	ND<5	ND<5
Ethanol	ND<500	ND<500	ND<500	ND<500	ND<500
SUR-Dibromofluoromethane	110	103	104	106	107
SUR-Toluene-d8	99	100	101	100	98
SUR-4-Bromofluorobenzene	99	100	106	101	98
SUR-1,2-Dichloroethane-d4	118	111	115	117	116



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 04/30/2005
Date Analyzed: 05/06/2005
Date Reported: 05/23/2005

Fuel Oxygenates by Method 8260B

Laboratory Number	05-0642-14	05-0642-15	05-0642-19	05-0642-20	05-0642-21
Client ID	B19-10	B19-15	B20-15	B20-20	B24-7
Matrix	SO	SO	SO	SO	SO
Analyte	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Methyl-tert-butyl ether	23	ND<20	ND<20	91	ND<5
Ethyl tert-butyl ether	ND<5	ND<20	ND<20	ND<5	ND<5
tert-Amyl methyl ether	ND<5	ND<20	ND<20	ND<5	ND<5
Di-isopropyl ether (DIPE)	ND<5	ND<20	ND<20	ND<5	ND<5
tert-Butyl alcohol	ND<250	ND<1000	ND<1000	ND<250	ND<250
1,2-Dichloroethane	ND<5	ND<20	ND<20	ND<5	ND<5
1,2-Dibromoethane	ND<5	ND<20	ND<20	ND<5	ND<5
Ethanol	ND<500	ND<2000	ND<2000	ND<500	ND<500
SUR-Dibromofluoromethane	101	105	114	110	102
SUR-Toluene-d8	98	101	103	99	99
SUR-4-Bromofluorobenzene	97	101	100	98	97
SUR-1,2-Dichloroethane-d4	108	113	123	110	106



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 04/30/2005
Date Analyzed: 05/07/2005
Date Reported: 05/23/2005

Fuel Oxygenates by Method 8260B

Laboratory Number	05-0642-22	05-0642-23	05-0642-24
Client ID	B24-10	B24-15	B24-22
Matrix	SO	SO	SO
Analyte	UG/KG	UG/KG	UG/KG
Methyl-tert-butyl ether	66	ND<20	84
Ethyl tert-butyl ether	ND<5	ND<20	ND<20
tert-Amyl methyl ether	ND<5	ND<20	ND<20
Di-isopropyl ether (DIPE)	ND<5	ND<20	ND<20
tert-Butyl alcohol	ND<250	ND<1000	ND<1000
1,2-Dichloroethane	ND<5	ND<20	ND<20
1,2-Dibromoethane	ND<5	ND<20	ND<20
Ethanol	ND<500	ND<2000	ND<2000
SUR-Dibromofluoromethane	108	111	100
SUR-Toluene-d8	89	101	100
SUR-4-Bromofluorobenzene	96	102	101
SUR-1,2-Dichloroethane-d4	114	120	108



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 04/30/2005
Date Analyzed: 05/07/2005
Date Reported: 05/23/2005

Fuel Oxygenates by Method 8260B
Quality Control/Quality Assurance Summary

Laboratory Number 05-0642 MS/MSD RPD Recovery RPD
Client ID Blank Recovery Limit Limit
Matrix SO SO

Table with columns: Analyte, Results UG/KG, %Recoveries, RPD, Recovery Limit, RPD Limit. Rows include Ethanol, Methyl-tert-butyl ether, Di-isopropyl ether (DIPE), tert-Butyl alcohol, Ethyl tert-butyl ether, tert-Amyl methyl ether, 1,2-Dichloroethane, 1,2-Dibromoethane, 1,1-Dichloroethane, Benzene, Trichloroethene, Toluene, Chlorobenzene, SUR-Dibromofluoromethane, SUR-Toluene-d8, SUR-4-Bromofluorobenzene, SUR-1,2-Dichloroethane-d4.

Reviewed and Approved

Erin Cunniffe
Laboratory Director



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 04/30/2005
Date Analyzed: 05/09/2005
Date Reported: 05/23/2005

Fuel Oxygenates by Method 8260B

Laboratory Number	05-0642-16	05-0642-17	05-0642-18
Client ID	B19-20	B19-24	B20-7
Matrix	SO	SO	SO
Analyte	UG/KG	UG/KG	UG/KG
Methyl-tert-butyl ether	ND<5	ND<5	ND<5
Ethyl tert-butyl ether	ND<5	ND<5	ND<5
tert-Amyl methyl ether	ND<5	ND<5	ND<5
Di-isopropyl ether (DIPE)	ND<5	ND<5	ND<5
tert-Butyl alcohol	ND<250	ND<250	ND<250
1,2-Dichloroethane	ND<5	ND<5	ND<5
1,2-Dibromoethane	ND<5	ND<5	ND<5
Ethanol	ND<500	ND<500	ND<500
SUR-Dibromofluoromethane	105	105	104
SUR-Toluene-d8	99	100	99
SUR-4-Bromofluorobenzene	102	105	100
SUR-1,2-Dichloroethane-d4	107	107	104



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0642
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 04/30/2005
Date Analyzed: 05/09/2005
Date Reported: 05/23/2005

Fuel Oxygenates by Method 8260B
Quality Control/Quality Assurance Summary

Table with columns: Laboratory Number, Client ID, Matrix, Analyte, Results, %Recoveries, MS/MSD, RPD, Recovery Limit, RPD Limit. Lists various compounds like Ethanol, Methyl-tert-butyl ether, etc., with their respective recovery percentages and RPD values.

Reviewed and Approved

[Handwritten signature]

Erin Cunniffe
Laboratory Director



SAMPLE RECEIPT CHECKLIST

Client Name: GGTR Ref/Job No: 05-0642 Date: 5-2-05
 Checked By: EK
 Matrix: _____ Soil: Water: Other: _____

If Received via Shipment (If dropped off in person this section does not apply):

Carrier Name: _____

Shipping Container/Cooler In Good Condition?	<input type="checkbox"/> Y	<input type="checkbox"/> N	
Custody Seals Intact on Shipping Container?	<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N/A
No. of coolers:	Temperature of Cooler:		In Range?: <input type="checkbox"/> Y <input type="checkbox"/> N
Custody Seals intact on sample containers?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N/A
Chain of Custody present?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Chain of Custody Signatures & Date/Time correct?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Chain of custody agrees with sample labels?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Samples in proper containers?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Sample containers Intact?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Sufficient sample volume for indicated tests?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
All Samples received within holding times?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Temperature Blank present? Record Temp if present.	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Temp: _____
For water samples- VOAS have zero headspace?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N/A
Samples received in bottles with proper preservative?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N/A
pH adjusted - Preservative used:	HNO3: _____ HCl: _____	H2SO4: _____ NaOH: _____	ZnOAc: _____
	Supplier: _____	Lot: _____	

For water samples for the analysis of total recoverable metals not digested - pH <2? See attached sheet

Corrective Action Record:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____
 Contacted by: _____ Regarding: _____
 Comments: _____
 Corrective Action: _____



North State Labs

815 Dubuque Avenue, South San Francisco, CA 94080
Phone: (650) 266-4563 Fax: (650) 266-4560

05-0642

Chain of Custody / Request for Analysis
Lab Job No.: _____ Page 1 of 3

Client: GGTR	Report to: BRENT WHEELER	Phone: 415 512 1555	Turnaround Time STD 24 HOUR
Mailing Address: 255 SHIPLEY ST OAKLAND CA	Billing to: 255 SHIPLEY SF CA 94107	Fax: 415 512-0964	
		email: data@ggtr.com	Date: 4-30-05
		PO# 7335	Sampler: WOLF

Project / Site Address / Global ID: T0600102112 5930 COLLEGE AVE OAKLAND CA					Analysis Requested								EDF <input checked="" type="checkbox"/>	PDF <input checked="" type="checkbox"/>
Sample ID	Sample Type	Container No. / Type	Pres.	Sampling Date / Time	TPH-G (80210)	BTEX/MTBE (80213)	OXYGENATES ED15 + EDC	VOCs (8260B)	TPH-MO TPH-HO (8015M)	LUFT 5 (EPA 3000-700)	TOG (5520 E1F)	Field Point ID		
B12-W	H ₂ O	5 VOAS 1/2 LITER	HCl 4°C	4.30.05/1720	X	X	X	X	X	X	X	B12-W		
B16-W	H ₂ O	4 VOAS	HCl	1650 1720	X	X	X					B16-W		
B19-W	H ₂ O	5 VOAS	HC	1710	X	X	X					B19-W		
B20-W	-	-	-	-										
B24-W	H ₂ O	5 VOAS	HCl	1720	X	X						B24-W		
B12-7	SOIL	ACRYLIC TUBE	4°C	1610	X	X						B12-7		
B12-10				1615	X	X	X	X	X	X	X	B12-10		
B12-15				1623	X	X	X	X	X	X	X	B12-15		
B12-20				1625	X	X						B12-20		
B16-7.5				1313	X	X						B16-7.5		
B16-9.5				1320	X	X						B16-9.5		
B16-12				1324	HOLD							B16-12		
B16-15				1335	X	X	X					B16-15		
B16-18				1340	HOLD							B16-18		

Relinquished by:	Date: 5/2/5 Time: 1405	Received by:	Lab Comments/ Hazards
Relinquished by:	Date: 5-2-05 Time: 1530	Received by:	
Relinquished by:	Date: Time:	Received by:	



North State Labs

815 Dubuque Avenue, South San Francisco, CA 94080
Phone: (650) 266-4563 Fax: (650) 266-4560

05-0642

Chain of Custody / Request for Analysis

Lab Job No.: _____ Page 2 of 3

Client: <u>GGTR</u>	Report to: <u>Brent Wheeler</u>	Phone: <u>415-512-1555</u>	Turnaround Time <u>STD24</u>
Mailing Address: <u>255 SHIPLEY ST SF CA 94107</u>	Billing to: <u>SAME</u>	Fax: <u>415-512-0964</u>	
		email: <u>data@ggtr</u>	Date: <u>4-30-05</u>
		PO# <u>7335</u>	Sampler: <u>Wolf</u>

Project / Site Address / Global ID: <u>T060010 2112</u>					Analysis Requested								EDF <input checked="" type="checkbox"/>	PDF <input checked="" type="checkbox"/>
Sample ID	Sample Type	Container No. / Type	Pres.	Sampling Date / Time	TPH-G (8021B)	BTEX MTBE (8021B)	OXIGENATES ED3 & EDC	VOC's (82600)	TPH-MO (8015M)	LOFT 5 (EPA 3000 R005)	TOG (53-20 E-F)	Field Point ID		
B16-22	SOIL	ACRYLIC TUBE	4°C	4.30.05/1340	HOLD							B16-22		
B16-25				1345	X	X	X					B16-25		
B19-7				1533	X	X	X					B19-7		
B19-10				1537	X	X	X					B19-10		
B19-15				1541	X	X	X					B19-15		
B19-20				1545	X	X	X					B19-20		
B19-24				1555	X	X	X					B19-24		
B20-5.5				1400	HOLD							B20-5.5		
B20-7				1405	X	X	X					B20-7		
B20-15				NR	X	X	X					B20-15		
B20-20				NR	X	X	X					B20-20		
B20-22				NR	HOLD							B20-22		
B24-7				1440	X	X	X					B24-7		
B24-10				1444	X	X	X					B24-10		

Relinquished by: <u>[Signature]</u>	Date: <u>5/2/5</u> Time: <u>4:10</u>	Received by: <u>[Signature]</u>	Lab Comments/ Hazards
Relinquished by: <u>[Signature]</u>	Date: <u>5.2.05</u> Time: <u>1530</u>	Received by: <u>[Signature]</u>	
Relinquished by: _____	Date: _____ Time: _____	Received by: _____	



North State Labs

815 Dubuque Avenue, South San Francisco, CA 94080
Phone: (650) 266-4563 Fax: (650) 266-4560

05-0761

Chain of Custody / Request for Analysis
Lab Job No.: _____ Page 1 of 1

Client: GGTR	Report to: DRENT WHEELER	Phone: 415-512-1555	Turnaround Time
Mailing Address: 255 SHIPLEY STREET SF CA	Billing to: SAME	Fax: 415-512-0964	STP4HR
		email: data@ggtr.com	Date: 5-19-05
		PO# 7335	Sampler: WOLF

Project / Site Address / Global ID: T0600102112					Analysis Requested				EDF <input checked="" type="checkbox"/>		
5930 COLLEGE AVE OAKLAND CA					TPH-6	BTEX	MTBE	FUELOXY5 (E5DB EDC) (8260)	TPH-HO (8015M)	PDF <input checked="" type="checkbox"/>	Field Point ID
Sample ID	Sample Type	Container No. / Type	Pres.	Sampling Date / Time							
✓ 7335-B13-W	H2O	5/VOAS	HCl/4°C								
1 7335-B14-W		5/VOAS	HCl/4°C	5-19-05/0810	✓	✓	✓	✓		7335-B14-W	
2 7335-B15-W		5/VOAS	HCl	10825	✓	✓	✓			7335-B15-W	
3 7335-B17-W		5/VOAS	HCl	10850	✓	✓	✓			7335-B17-W	
4 7335-B20-W	✓	5/VOAS	HCl	10905	✓	✓	✓			7335-B20-W	

Relinquished by: <i>[Signature]</i>	Date: 5/23/05 Time: 8:00 A	Received by: <i>[Signature]</i>	Lab Comments/ Hazards
Relinquished by: <i>[Signature]</i>	Date: 5/23/05 Time: 9:30	Received by: <i>[Signature]</i>	
Relinquished by:	Date: Time:	Received by:	



North State Labs

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CA ELAP # 1753

SAMPLE RECEIPT CHECKLIST

Client Name: GGTR Ref/Job No: 05-0761 Date: 5-23-05
 Checked By: EC
 Matrix: Soil: Water: Other:

If Received via Shipment (If dropped off in person this section does not apply):

Carrier Name: _____
 Shipping Container/Cooler In Good Condition? Y N
 Custody Seals Intact on Shipping Container? Y N N/A
 No. of coolers: _____ Temperature of Cooler: _____ In Range?: Y N

Custody Seals intact on sample containers? Y N N/A

Chain of Custody present? Y N

Chain of Custody Signatures & Date/Time correct? Y N

Chain of custody agrees with sample labels? Y N

Samples in proper containers? Y N

Sample containers Intact? Y N

Sufficient sample volume for indicated tests? Y N

All Samples received within holding times? Y N

Temperature Blank present? Record Temp if present. Y N Temp: _____

For water samples- VOAS have zero headspace? Y N N/A ec

Samples received in bottles with proper preservative? Y N N/A ec
 pH adjusted - Preservative used: HNO3: ___ HCl: ___ H2SO4: ___ NaOH: ___ ZnOAc: ___
 Supplier: _____ Lot: _____

For water samples for the analysis of total recoverable metals not digested - pH <2? See attached sheet

Corrective Action Record:

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action: _____



Case Narrative

Client: Golden Gate Tank Removal

Project: 5930 COLLEGE AVE

Lab No: 05-0761

Date Received: 05/23/2005

Date reported: 06/07/2005

Four water samples were received under chain of custody control and analyzed for gasoline range organics by method 8015B, BTEX and MTBE by method 8021B and fuel oxygenates by GC/MS method 8260B. QC/QA results met acceptance criteria for all analyses except the MSD for TCE for the analysis of the fuel oxygenates on 05/24/05 (spiked sample 05-0761-03); the batch was accepted by and reported with the LCS/LCSD results for this compound. The LCS/LCSD results were reported for the analysis of gasoline/BTEX/MTBE on 05/24/05 (the sample analysis was a re-run).

Erin Cunniffe
Laboratory Director



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 05-0761
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/06/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 05-0761-01 Client ID: 7335-B14-W 05/19/2005 W					
Benzene	SW8020F	ND<0.5	UG/L		05/23/2005
Ethylbenzene	SW8020F	0.6	UG/L		05/23/2005
Gasoline Range Organics	SW8020F	ND<50	UG/L		05/23/2005
Methyl-tert-butyl ether	SW8020F	*2.2	UG/L		05/23/2005
SUR-a,a,a-Trifluorotoluene	SW8020F	96	PERCENT		05/23/2005
Toluene	SW8020F	1.2	UG/L		05/23/2005
Xylenes	SW8020F	3.5	UG/L		05/23/2005
Sample: 05-0761-02 Client ID: 7335-B15-W 05/19/2005 W					
Benzene	SW8020F	8.4	UG/L		05/23/2005
Ethylbenzene	SW8020F	ND<0.5	UG/L		05/23/2005
Gasoline Range Organics	SW8020F	53	UG/L		05/23/2005
Methyl-tert-butyl ether	SW8020F	*ND<0.5	UG/L		05/23/2005
SUR-a,a,a-Trifluorotoluene	SW8020F	96	PERCENT		05/23/2005
Toluene	SW8020F	ND<0.5	UG/L		05/23/2005
Xylenes	SW8020F	ND<1.0	UG/L		05/23/2005
Sample: 05-0761-03 Client ID: 7335-B17-W 05/19/2005 W					
Benzene	SW8020F	ND<0.5	UG/L		05/23/2005
Ethylbenzene	SW8020F	ND<0.5	UG/L		05/23/2005
Gasoline Range Organics	SW8020F	ND<50	UG/L		05/23/2005
Methyl-tert-butyl ether	SW8020F	ND<0.5	UG/L		05/23/2005
SUR-a,a,a-Trifluorotoluene	SW8020F	98	PERCENT		05/23/2005

*Confirmed by GC/MS method 8260B



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 05-0761
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/06/2005

Gasoline, BTEX and MTBE by Methods 8015B/8021B

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 05-0761-03	Client ID: 7335-B17-W			05/19/2005	W
Toluene	SW8020F	ND<0.5	UG/L		05/23/2005
Xylenes	SW8020F	ND<1.0	UG/L		05/23/2005
Sample: 05-0761-04	Client ID: 7335-B20-W			05/19/2005	W
Benzene	SW8020F	6800	UG/L		05/24/2005
Ethylbenzene	SW8020F	1550	UG/L		05/24/2005
Gasoline Range Organics	SW8020F	60700	UG/L		05/24/2005
Methyl-tert-butyl ether	SW8020F	*388	UG/L		05/24/2005
SUR-a,a,a-Trifluorotoluene	SW8020F	92	PERCENT		05/24/2005
Toluene	SW8020F	2600	UG/L		05/24/2005
Xylenes	SW8020F	6520	UG/L		05/24/2005



C E R T I F I C A T E O F A N A L Y S I S

Quality Control/Quality Assurance

Lab Number: 05-0761
Client: Golden Gate Tank
Project: 5930 COLLEGE AVE

Date Reported: 06/06/2005
Gasoline, BTEX and MTBE by Methods 8015B/8021B

Table with 6 columns: Analyte, Method, Reporting Unit, Limit, Blank, MS/MSD Recovery, RPD. Rows include Gasoline Range (05/23/05), Benzene, Toluene, Ethylbenzene, Xylenes, Methyl-tert-butyl ether, SUR-a,a,a-Trifluorotoluene, and Gasoline Range (05/24/05).

ELAP Certificate NO:1753

Reviewed and Approved

Erin Cunniffe, Laboratory Director



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0761
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 05/19/2005
Date Analyzed: 05/24/2005
Date Reported: 06/06/2005

Fuel Oxygenates by Method 8260B

Laboratory Number	05-0761-01	05-0761-02	05-0761-03
Client ID	7335-B14-W	7335-B15-W	7335-B17-W
Matrix	W	W	W
Analyte	UG/L	UG/L	UG/L
Methyl-tert-butyl ether	1.2	ND<0.5	ND<0.5
Ethyl tert-butyl ether	ND<1	ND<1	ND<1
tert-Amyl methyl ether	ND<1	ND<1	ND<1
Di-isopropyl ether (DIPE)	ND<0.5	ND<0.5	ND<0.5
tert-Butyl alcohol	ND<10	ND<10	ND<10
1,2-Dichloroethane	ND<1	ND<1	ND<1
1,2-Dibromoethane	ND<0.5	ND<0.5	ND<0.5
Ethanol	ND<50	ND<50	ND<50
SUR-Dibromofluoromethane	111	109	111
SUR-Toluene-d8	105	106	107
SUR-4-Bromofluorobenzene	105	107	109
SUR-1,2-Dichloroethane-d4	100	109	102

Comments:



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0761
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 05/19/2005
Date Analyzed: 05/24/2005
Date Reported: 06/06/2005

Fuel Oxygenates by Method 8260B
Quality Control/Quality Assurance Summary

Table with columns: Laboratory Number, Client ID, Matrix, Analyte, Results UG/L, MS/MSD Recovery, %Recoveries, RPD, Recovery Limit, RPD Limit. Lists various analytes like Ethanol, Methyl-tert-butyl ether, etc.

Reviewed and Approved

Erin Cunniffe
Laboratory Director



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0761
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 05/19/2005
Date Analyzed: 05/27/2005
Date Reported: 06/06/2005

Fuel Oxygenates by Method 8260B

Laboratory Number	05-0761-04
Client ID	7335-B20-W
Matrix	W
Analyte	UG/L
Methyl-tert-butyl ether	394
Ethyl tert-butyl ether	ND<20
tert-Amyl methyl ether	ND<20
Di-isopropyl ether (DIPE)	ND<10
tert-Butyl alcohol	ND<200
1,2-Dichloroethane	ND<20
1,2-Dibromoethane	ND<10
Ethanol	ND<1000
SUR-Dibromofluoromethane	95
SUR-Toluene-d8	97
SUR-4-Bromofluorobenzene	98
SUR-1,2-Dichloroethane-d4	108

Comments:



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 05-0761
Client : Golden Gate Tank
Project : 5930 COLLEGE AVE

Date Sampled : 05/19/2005
Date Analyzed: 05/27/2005
Date Reported: 06/06/2005

Fuel Oxygenates by Method 8260B
Quality Control/Quality Assurance Summary

Table with columns: Laboratory Number, Client ID, Matrix, Analyte, Results UG/L, %Recoveries, RPD, Recovery Limit, RPD Limit. Lists various analytes like Ethanol, Methyl-tert-butyl ether, etc.

Reviewed and Approved

Erin Cunniffe
Laboratory Director

Entech Analytical Labs, Inc.

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

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

Certificate ID: 44111 - 6/30/2005 3:54:58 PM

Order Number: 44111
Project Name: 7335 Sheaff's Garage
Project Number: T0600102112

Date Received: 6/23/2005 7:29:00 PM

Certificate of Analysis - Final Report

On June 23, 2005, samples were received under chain of custody for analysis.

Entech analyzes samples "as received" unless otherwise noted. The following results are included:

<u>Matrix</u>	<u>Test</u>	<u>Comments</u>
Solid	EPA 8260B - GC/MS Metals by ICP 6010B/200.7 TPH as Gasoline by GC/MS Wet Chemistry	

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 ID: 7335 Sheaff's Garage

Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44111-001 Sample ID: B21 @6.5

Matrix: Solid Sample Date: 6/22/2005 12:45 PM

EPA 5035A	EPA 8260B								8260Petroleum	
Parameter		Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene		ND		1	5.0	µg/Kg	N/A	N/A	6/28/2005	SMS3050627
Toluene		ND		1	5.0	µg/Kg	N/A	N/A	6/28/2005	SMS3050627
Ethyl Benzene		ND		1	5.0	µg/Kg	N/A	N/A	6/28/2005	SMS3050627
Xylenes, Total		ND		1	10	µg/Kg	N/A	N/A	6/28/2005	SMS3050627
Methyl-t-butyl Ether		ND		1	5.0	µg/Kg	N/A	N/A	6/28/2005	SMS3050627
1,2-Dichloroethane		ND		1	5.0	µg/Kg	N/A	N/A	6/28/2005	SMS3050627
1,2-Dibromoethane (EDB)		ND		1	5.0	µg/Kg	N/A	N/A	6/28/2005	SMS3050627

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	79.0	70 - 125
Dibromofluoromethane	89.9	70 - 125
Toluene-d8	82.1	70 - 125

Analyzed by: Mfelix

Reviewed by: MaiChiTu

GC-MS									TPH as Gasoline - GCMS	
Parameter		Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline		ND		1	50	µg/Kg	N/A	N/A	6/28/2005	SMS3050627

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	79.0	70 - 125
Dibromofluoromethane	89.9	70 - 125
Toluene-d8	82.1	70 - 125

Analyzed by: Mfelix

Reviewed by: MaiChiTu

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 ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44111-002 Sample ID: B21 @ 8.5 Matrix: Solid Sample Date: 6/22/2005 12:45 PM

EPA 3050B	EPA 6010B									Metals
Parameter		Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Cadmium		ND		1	1.0	mg/Kg	6/28/2005	SM050628	6/29/2005	SM050628
Chromium		74		1	1.0	mg/Kg	6/28/2005	SM050628	6/29/2005	SM050628
Lead		4.6		1	1.0	mg/Kg	6/28/2005	SM050628	6/29/2005	SM050628
Nickel		78		1	1.0	mg/Kg	6/28/2005	SM050628	6/29/2005	SM050628
Zinc		36		1	2.0	mg/Kg	6/28/2005	SM050628	6/29/2005	SM050628

Analyzed by: Equeja

Reviewed by: dqueja

GC-MS										TPH as Gasoline - GCMS
Parameter		Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline		14000		50	2500	µg/Kg	N/A	N/A	6/29/2005	PMS050627

Analyzed by: MTu

Reviewed by: BDhabalia

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	85.1	70 - 125
Dibromofluoromethane	84.7	70 - 125
Toluene-d8	83.5	70 - 125

SM 5520 C										Oil & Grease-IR
Parameter		Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Oil and Grease, Total		ND		1	25	mg/Kg	6/24/2005	SINO050624	6/24/2005	SOGIR050624

Analyzed by: Jisiderio

Reviewed by: rlazaro

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 ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44111-002 Sample ID: B21 @ 8.5 Matrix: Solid Sample Date: 6/22/2005 12:45 PM

EPA 5035A	EPA 8260B	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	EPA 8260B QC Batch
1,1,1,2-Tetrachloroethane		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,1,1-Trichloroethane		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,1,2,2-Tetrachloroethane		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,1,2-Trichloroethane		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,1-Dichloroethane		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,1-Dichloroethene		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,1-Dichloropropene		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2,3-Trichlorobenzene		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2,3-Trichloropropane		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2,4-Trichlorobenzene		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2,4-Trimethylbenzene		870		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2-Dibromo-3-Chloropropane		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2-Dibromoethane (EDB)		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2-Dichlorobenzene		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2-Dichloroethane		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2-Dichloropropane		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,3,5-Trimethylbenzene		1100		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,3-Dichlorobenzene		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,3-Dichloropropane		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,4-Dichlorobenzene		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,4-Dioxane		ND		50	10000	µg/Kg	N/A	N/A	6/29/2005	PMS050627
2,2-Dichloropropane		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
2-Butanone (MEK)		ND		50	2000	µg/Kg	N/A	N/A	6/29/2005	PMS050627
2-Chloroethyl-vinyl Ether		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
2-Chlorotoluene		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
2-Hexanone		ND		50	2000	µg/Kg	N/A	N/A	6/29/2005	PMS050627
4-Chlorotoluene		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
4-Methyl-2-Pentanone(MIBK)		ND		50	2000	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Acetone		ND		50	5000	µg/kg	N/A	N/A	6/29/2005	PMS050627
Acetonitrile		ND		50	2000	µg/kg	N/A	N/A	6/29/2005	PMS050627
Acrolein		ND		50	250	µg/kg	N/A	N/A	6/29/2005	PMS050627
Acrylonitrile		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Benzene		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Benzyl Chloride		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Bromobenzene		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Bromochloromethane		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Bromodichloromethane		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Bromoform		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Bromomethane		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Carbon Disulfide		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Carbon Tetrachloride		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Chlorobenzene		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Chloroethane		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Chloroform		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Chloromethane		ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

DF = Dilution and/or Prep Factor including sample volume adjustments.

Qual = Data Qualifier

6/30/2005 3:54:25 PM - dba

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Golden Gate Tank Removal
255 Shipley Street
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Attn: Brent Wheeler

Project ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44111-002 Sample ID: B21 @ 8.5 Matrix: Solid Sample Date: 6/22/2005 12:45 PM

EPA 5035A	EPA 8260B									EPA 8260B
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch	
cis-1,2-Dichloroethene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
cis-1,3-Dichloropropene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Cyclohexanone	ND		50	2000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Dibromochloromethane	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Dibromomethane	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Dichlorodifluoromethane	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Diisopropyl Ether	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Ethyl Benzene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Freon 113	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Hexachlorobutadiene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Iodomethane	ND		50	2000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Isopropanol	ND		50	5000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Isopropylbenzene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Methyl-t-butyl Ether	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Methylene Chloride	ND		50	1200	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
n-Butylbenzene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
n-Propylbenzene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Naphthalene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
p-Isopropyltoluene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Pentachloroethane	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
sec-Butylbenzene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Styrene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
tert-Amyl Methyl Ether	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
tert-Butanol (TBA)	ND		50	2000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
tert-Butyl Ethyl Ether	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
tert-Butylbenzene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Tetrachloroethene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Tetrahydrofuran	ND		50	2000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Toluene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
trans-1,2-Dichloroethene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
trans-1,3-Dichloropropene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
trans-1,4-Dichloro-2-butene	ND		50	2000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Trichloroethene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Trichlorofluoromethane	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Vinyl Chloride	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Xylenes, Total	ND		50	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627	

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	85.1	70 - 125
Dibromofluoromethane	84.7	70 - 125
Toluene-d8	83.5	70 - 125

Analyzed by: MTu

Reviewed by: BDhabalia

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Golden Gate Tank Removal
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Attn: Brent Wheeler

Project ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

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Lab #: 44111-003 Sample ID: B21 @ 11.5 Matrix: Solid Sample Date: 6/22/2005 12:50 PM

EPA 5035A	EPA 8260B									8260Petroleum
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch	
Benzene	ND		1000	5000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Toluene	ND		1000	5000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Ethyl Benzene	ND		1000	5000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Xylenes, Total	13000		1000	10000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Methyl-t-butyl Ether	ND		1000	5000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
1,2-Dichloroethane	ND		1000	5000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
1,2-Dibromoethane (EDB)	ND		1000	5000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	80.4	70 - 125
Dibromofluoromethane	86.1	70 - 125
Toluene-d8	84.7	70 - 125

Analyzed by: MTu

Reviewed by: BDhabalia

GC-MS									TPH as Gasoline - GCMS
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	170000		1000	50000	µg/Kg	N/A	N/A	6/29/2005	PMS050627

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	80.4	70 - 125
Dibromofluoromethane	86.1	70 - 125
Toluene-d8	84.7	70 - 125

Analyzed by: MTu

Reviewed by: BDhabalia

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Project ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44111-004 Sample ID: B21 @ 14.5 Matrix: Solid Sample Date: 6/22/2005 12:50 PM

EPA 5035A	EPA 8260B									8260Petroleum
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch	
Benzene	ND		5000	25000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Toluene	28000		5000	25000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Ethyl Benzene	ND		5000	25000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Xylenes, Total	100000		5000	50000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Methyl-t-butyl Ether	ND		5000	25000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
1,2-Dichloroethane	ND		5000	25000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
1,2-Dibromoethane (EDB)	ND		5000	25000	µg/Kg	N/A	N/A	6/29/2005	PMS050627	

Surrogate	Surrogate Recovery	Control Limits (%)	
4-Bromofluorobenzene	79.3	70	- 125
Dibromofluoromethane	89.1	70	- 125
Toluene-d8	82.2	70	- 125

Analyzed by: MTu

Reviewed by: BDhabalia

GC-MS	TPH as Gasoline - GCMS								
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	970000		5000	250000	µg/Kg	N/A	N/A	6/29/2005	PMS050627

Surrogate	Surrogate Recovery	Control Limits (%)	
4-Bromofluorobenzene	79.3	70	- 125
Dibromofluoromethane	89.1	70	- 125
Toluene-d8	82.2	70	- 125

Analyzed by: MTu

Reviewed by: BDhabalia

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Project ID: 7335 Sheaff's Garage

Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44111-005

Sample ID: B21 @ 19.5

Matrix: Solid

Sample Date: 6/22/2005

12:55 PM

EPA 5035A	EPA 8260B								8260Petroleum
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Toluene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Ethyl Benzene	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Xylenes, Total	1200		50	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Methyl-t-butyl Ether	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2-Dichloroethane	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2-Dibromoethane (EDB)	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	79.4	70 - 125
Dibromofluoromethane	82.5	70 - 125
Toluene-d8	81.2	70 - 125

Analyzed by: MTu

Reviewed by: BDhabalia

GC-MS								TPH as Gasoline - GCMS	
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	6900		50	2500	µg/Kg	N/A	N/A	6/29/2005	PMS050627

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	79.4	70 - 125
Dibromofluoromethane	82.5	70 - 125
Toluene-d8	81.2	70 - 125

Analyzed by: MTu

Reviewed by: BDhabalia

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Project ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44111-006

Sample ID: B21 @ 24.5

Matrix: Solid

Sample Date: 6/22/2005

1:00 PM

EPA 5035A	EPA 8260B									8260Petroleum
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch	
Benzene	280		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Toluene	1300		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Ethyl Benzene	1300		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Xylenes, Total	7000		50	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
Methyl-t-butyl Ether	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
1,2-Dichloroethane	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	
1,2-Dibromoethane (EDB)	ND		50	250	µg/Kg	N/A	N/A	6/29/2005	PMS050627	

Surrogate	Surrogate Recovery	Control Limits (%)	
4-Bromofluorobenzene	84.8	70	- 125
Dibromofluoromethane	86.7	70	- 125
Toluene-d8	78.2	70	- 125

Analyzed by: MTu

Reviewed by: BDhabalia

GC-MS									TPH as Gasoline - GCMS
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	73000		50	2500	µg/Kg	N/A	N/A	6/29/2005	PMS050627

Surrogate	Surrogate Recovery	Control Limits (%)	
4-Bromofluorobenzene	84.8	70	- 125
Dibromofluoromethane	86.7	70	- 125
Toluene-d8	78.2	70	- 125

Analyzed by: MTu

Reviewed by: BDhabalia

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Attn: Brent Wheeler

Project ID: 7335 Sheaff's Garage

Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44111-007 Sample ID: B22 @ 6.5

Matrix: Solid Sample Date: 6/22/2005 11:35 AM

EPA 5035A EPA 8260B	8260Petroleum								
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Toluene	5.2		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Ethyl Benzene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Xylenes, Total	11		1	10	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Methyl-t-butyl Ether	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
1,2-Dichloroethane	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
1,2-Dibromoethane (EDB)	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B

Surrogate	Surrogate Recovery	Control Limits (%)	
4-Bromofluorobenzene	84.4	70	- 125
Dibromofluoromethane	82.9	70	- 125
Toluene-d8	89.7	70	- 125

Analyzed by: MaiChiTu

Reviewed by: BDhabalia

GC-MS	TPH as Gasoline - GCMS								
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	96		1	50	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B

Surrogate	Surrogate Recovery	Control Limits (%)	
4-Bromofluorobenzene	84.4	70	- 125
Dibromofluoromethane	82.9	70	- 125
Toluene-d8	89.7	70	- 125

Analyzed by: MaiChiTu

Reviewed by: BDhabalia

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Project ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44111-008 Sample ID: B22 @ 10 Matrix: Solid Sample Date: 6/22/2005 11:45 AM

EPA 3050B	EPA 6010B									Metals
Parameter		Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Cadmium		ND		1	1.0	mg/Kg	6/28/2005	SM050628	6/29/2005	SM050628
Chromium		43		1	1.0	mg/Kg	6/28/2005	SM050628	6/29/2005	SM050628
Lead		5.3		1	1.0	mg/Kg	6/28/2005	SM050628	6/29/2005	SM050628
Nickel		53		1	1.0	mg/Kg	6/28/2005	SM050628	6/29/2005	SM050628
Zinc		41		1	2.0	mg/Kg	6/28/2005	SM050628	6/29/2005	SM050628

Analyzed by: Equeja

Reviewed by: dqueja

GC-MS										TPH as Gasoline - GCMS
Parameter		Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline		100000		100	5000	µg/Kg	N/A	N/A	6/29/2005	PMS050627

Analyzed by: MTu

Reviewed by: BDhabalia

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	93.7	70 - 125
Dibromofluoromethane	83.3	70 - 125
Toluene-d8	82.8	70 - 125

SM 5520 C										Oil & Grease-IR
Parameter		Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Oil and Grease, Total		ND		1	25	mg/Kg	6/24/2005	SINO050624	6/24/2005	SOGIR050624

Analyzed by: Jisiderio

Reviewed by: rlazaro

Entech Analytical Labs, Inc.

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Attn: Brent Wheeler

Project ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44111-008 Sample ID: B22 @ 10 Matrix: Solid Sample Date: 6/22/2005 11:45 AM

EPA 5035A	EPA 8260B	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	EPA 8260B QC Batch
Parameter										
1,1,1,2-Tetrachloroethane		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,1,1-Trichloroethane		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,1,2,2-Tetrachloroethane		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,1,2-Trichloroethane		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,1-Dichloroethane		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,1-Dichloroethene		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,1-Dichloropropene		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2,3-Trichlorobenzene		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2,3-Trichloropropane		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2,4-Trichlorobenzene		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2,4-Trimethylbenzene		4000		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2-Dibromo-3-Chloropropane		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2-Dibromoethane (EDB)		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2-Dichlorobenzene		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2-Dichloroethane		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,2-Dichloropropane		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,3,5-Trimethylbenzene		5100		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,3-Dichlorobenzene		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,3-Dichloropropane		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,4-Dichlorobenzene		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
1,4-Dioxane		ND		100	20000	µg/Kg	N/A	N/A	6/29/2005	PMS050627
2,2-Dichloropropane		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
2-Butanone (MEK)		ND		100	4000	µg/Kg	N/A	N/A	6/29/2005	PMS050627
2-Chloroethyl-vinyl Ether		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
2-Chlorotoluene		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
2-Hexanone		ND		100	4000	µg/Kg	N/A	N/A	6/29/2005	PMS050627
4-Chlorotoluene		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
4-Methyl-2-Pentanone(MIBK)		ND		100	4000	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Acetone		ND		100	10000	µg/kg	N/A	N/A	6/29/2005	PMS050627
Acetonitrile		ND		100	4000	µg/kg	N/A	N/A	6/29/2005	PMS050627
Acrolein		ND		100	500	µg/kg	N/A	N/A	6/29/2005	PMS050627
Acrylonitrile		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Benzene		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Benzyl Chloride		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Bromobenzene		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Bromochloromethane		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Bromodichloromethane		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Bromoform		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Bromomethane		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Carbon Disulfide		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Carbon Tetrachloride		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Chlorobenzene		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Chloroethane		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Chloroform		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Chloromethane		ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

DF = Dilution and/or Prep Factor including sample volume adjustments.

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

Project ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44111-008 Sample ID: B22 @ 10 Matrix: Solid Sample Date: 6/22/2005 11:45 AM

EPA 5035A	EPA 8260B								EPA 8260B
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
cis-1,3-Dichloropropene	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Cyclohexanone	ND		100	4000	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Dibromochloromethane	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Dibromomethane	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Dichlorodifluoromethane	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Diisopropyl Ether	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Ethyl Benzene	680		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Freon 113	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Hexachlorobutadiene	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Iodomethane	ND		100	4000	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Isopropanol	ND		100	10000	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Isopropylbenzene	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Methyl-t-butyl Ether	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Methylene Chloride	ND		100	2500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
n-Butylbenzene	720		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
n-Propylbenzene	830		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Naphthalene	640		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
p-Isopropyltoluene	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Pentachloroethane	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
sec-Butylbenzene	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Styrene	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
tert-Amyl Methyl Ether	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
tert-Butanol (TBA)	ND		100	4000	µg/Kg	N/A	N/A	6/29/2005	PMS050627
tert-Butyl Ethyl Ether	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
tert-Butylbenzene	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Tetrachloroethene	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Tetrahydrofuran	ND		100	4000	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Toluene	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
trans-1,2-Dichloroethene	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
trans-1,3-Dichloropropene	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
trans-1,4-Dichloro-2-butene	ND		100	4000	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Trichloroethene	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Trichlorofluoromethane	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Vinyl Chloride	ND		100	500	µg/Kg	N/A	N/A	6/29/2005	PMS050627
Xylenes, Total	3000		100	1000	µg/Kg	N/A	N/A	6/29/2005	PMS050627

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	93.7	70 - 125
Dibromofluoromethane	83.3	70 - 125
Toluene-d8	82.8	70 - 125

Analyzed by: MTu

Reviewed by: BDhabalia

Detection Limit = Detection Limit for Reporting.

DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

Qual = Data Qualifier

6/30/2005 3:54:26 PM - dba

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 ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44111-009

Sample ID: B22 @14.5

Matrix: Solid

Sample Date: 6/22/2005

11:45 AM

EPA 5035A EPA 8260B

Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Toluene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Ethyl Benzene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Xylenes, Total	ND		1	10	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Methyl-t-butyl Ether	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
1,2-Dichloroethane	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
1,2-Dibromoethane (EDB)	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B

8260Petroleum

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	85.2	70 - 125
Dibromofluoromethane	86.3	70 - 125
Toluene-d8	86.0	70 - 125

Analyzed by: MaiChiTu

Reviewed by: BDhabalia

GC-MS

Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	250		1	50	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B

TPH as Gasoline - GCMS

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	85.2	70 - 125
Dibromofluoromethane	86.3	70 - 125
Toluene-d8	86.0	70 - 125

Analyzed by: MaiChiTu

Reviewed by: BDhabalia

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 ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44111-010 Sample ID: B22 @ 19.5 Matrix: Solid Sample Date: 6/22/2005 12:00 PM

EPA 5035A EPA 8260B		8260Petroleum							
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Toluene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Ethyl Benzene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Xylenes, Total	ND		1	10	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Methyl-t-butyl Ether	72		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
1,2-Dichloroethane	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
1,2-Dibromoethane (EDB)	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	78.4	70 - 125
Dibromofluoromethane	87.9	70 - 125
Toluene-d8	82.4	70 - 125

Analyzed by: MaiChiTu
Reviewed by: BDhabalia

GC-MS		TPH as Gasoline - GCMS							
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	59		1	50	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	78.4	70 - 125
Dibromofluoromethane	87.9	70 - 125
Toluene-d8	82.4	70 - 125

Analyzed by: MaiChiTu
Reviewed by: BDhabalia

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 ID: 7335 Sheaff's Garage

Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44111-011 Sample ID: B22 @ 24.5

Matrix: Solid Sample Date: 6/22/2005 12:10 PM

EPA 5035A	EPA 8260B								8260Petroleum
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Toluene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Ethyl Benzene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Xylenes, Total	ND		1	10	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Methyl-t-butyl Ether	85		1	5.0	µg/kg	N/A	N/A	6/29/2005	SMS3050628B
1,2-Dichloroethane	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
1,2-Dibromoethane (EDB)	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	79.6	70 - 125
Dibromofluoromethane	86.6	70 - 125
Toluene-d8	83.6	70 - 125

Analyzed by: MaiChiTu

Reviewed by: BDhabalia

GC-MS								TPH as Gasoline - GCMS	
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	70		1	50	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	79.6	70 - 125
Dibromofluoromethane	86.6	70 - 125
Toluene-d8	83.6	70 - 125

Analyzed by: MaiChiTu

Reviewed by: BDhabalia

Entech Analytical Labs, Inc.

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

Method Blank1 - Solid - EPA 8260B - EPA 8260B

QC Batch ID: PMS050627

Validated by: BDhabalia - 06/29/05

QC Batch Analysis Date:

Parameter	Result	DF	PQLR	Units
1,1,1,2-Tetrachloroethane	ND	50	250	µg/Kg
1,1,1-Trichloroethane	ND	50	250	µg/Kg
1,1,2,2-Tetrachloroethane	ND	50	250	µg/Kg
1,1,2-Trichloroethane	ND	50	250	µg/Kg
1,1-Dichloroethane	ND	50	250	µg/Kg
1,1-Dichloroethene	ND	50	250	µg/Kg
1,1-Dichloropropene	ND	50	250	µg/Kg
1,2,3-Trichlorobenzene	ND	50	250	µg/Kg
1,2,3-Trichloropropane	ND	50	250	µg/Kg
1,2,4-Trichlorobenzene	ND	50	250	µg/Kg
1,2,4-Trimethylbenzene	ND	50	250	µg/Kg
1,2-Dibromo-3-Chloropropane	ND	50	250	µg/Kg
1,2-Dibromoethane (EDB)	ND	50	250	µg/Kg
1,2-Dichlorobenzene	ND	50	250	µg/Kg
1,2-Dichloroethane	ND	50	250	µg/Kg
1,2-Dichloropropane	ND	50	250	µg/Kg
1,3,5-Trimethylbenzene	ND	50	250	µg/Kg
1,3-Dichlorobenzene	ND	50	250	µg/Kg
1,3-Dichloropropane	ND	50	250	µg/Kg
1,4-Dichlorobenzene	ND	50	250	µg/Kg
1,4-Dioxane	ND	50	10000	µg/Kg
2,2-Dichloropropane	ND	50	250	µg/Kg
2-Butanone (MEK)	ND	50	2000	µg/Kg
2-Chloroethyl-vinyl Ether	ND	50	250	µg/Kg
2-Chlorotoluene	ND	50	250	µg/Kg
2-Hexanone	ND	50	2000	µg/Kg
4-Chlorotoluene	ND	50	250	µg/Kg
4-Methyl-2-Pentanone(MIBK)	ND	50	2000	µg/Kg
Acetone	ND	50	5000	µg/kg
Acetonitrile	ND	50	2000	µg/kg
Acrolein	ND	50	250	µg/kg
Acrylonitrile	ND	50	250	µg/Kg
Benzene	ND	50	250	µg/Kg
Benzyl Chloride	ND	50	250	µg/Kg
Bromobenzene	ND	50	250	µg/Kg
Bromochloromethane	ND	50	250	µg/Kg
Bromodichloromethane	ND	50	250	µg/Kg
Bromoform	ND	50	250	µg/Kg
Bromomethane	ND	50	250	µg/Kg
Carbon Disulfide	ND	50	250	µg/Kg
Carbon Tetrachloride	ND	50	250	µg/Kg
Chlorobenzene	ND	50	250	µg/Kg
Chloroethane	ND	50	250	µg/Kg
Chloroform	ND	50	250	µg/Kg
Chloromethane	ND	50	250	µg/Kg
cis-1,2-Dichloroethene	ND	50	250	µg/Kg
cis-1,3-Dichloropropene	ND	50	250	µg/Kg
Cyclohexanone	ND	50	2000	µg/Kg
Dibromochloromethane	ND	50	250	µg/Kg
Dibromomethane	ND	50	250	µg/Kg

Entech Analytical Labs, Inc.

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

Method Blank1 - Solid - EPA 8260B - EPA 8260B

QC Batch ID: PMS050627

Validated by: BDhabalia - 06/29/05

QC Batch Analysis Date:

Parameter	Result	DF	PQLR	Units
Dichlorodifluoromethane	ND	50	250	µg/Kg
Diisopropyl Ether	ND	50	250	µg/Kg
Ethyl Benzene	ND	50	250	µg/Kg
Freon 113	ND	50	250	µg/Kg
Hexachlorobutadiene	ND	50	250	µg/Kg
Iodomethane	ND	50	2000	µg/Kg
Isopropanol	ND	50	5000	µg/Kg
Isopropylbenzene	ND	50	250	µg/Kg
Methylene Chloride	ND	50	1200	µg/Kg
Methyl-t-butyl Ether	ND	50	250	µg/Kg
Naphthalene	ND	50	250	µg/Kg
n-Butylbenzene	ND	50	250	µg/Kg
n-Propylbenzene	ND	50	250	µg/Kg
Pentachloroethane	ND	50	250	µg/Kg
p-Isopropyltoluene	ND	50	250	µg/Kg
sec-Butylbenzene	ND	50	250	µg/Kg
Styrene	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
tert-Butylbenzene	ND	50	250	µg/Kg
Tetrachloroethene	ND	50	250	µg/Kg
Tetrahydrofuran	ND	50	2000	µg/Kg
Toluene	ND	50	250	µg/Kg
trans-1,2-Dichloroethene	ND	50	250	µg/Kg
trans-1,3-Dichloropropene	ND	50	250	µg/Kg
trans-1,4-Dichloro-2-butene	ND	50	2000	µg/Kg
Trichloroethene	ND	50	250	µg/Kg
Trichlorofluoromethane	ND	50	250	µg/Kg
Vinyl Chloride	ND	50	250	µg/Kg
Xylenes, Total	ND	50	500	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	79.1	70 - 125
Dibromofluoromethane	86.2	70 - 125
Toluene-d8	84.2	70 - 125

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 - EPA 8260B

QC Batch ID: PMS050627

Reviewed by: BDhabalia - 06/29/05

QC Batch ID Analysis Date:

LCS1

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<5.0	2000	2200	µg/Kg	110			70 - 135
Benzene	<5.0	2000	1990	µg/Kg	99.5			70 - 135
Chlorobenzene	<5.0	2000	2190	µg/Kg	110			70 - 135
Methyl-t-butyl Ether	<5.0	2000	1930	µg/Kg	96.5			70 - 135
Toluene	<5.0	2000	2220	µg/Kg	111			70 - 135
Trichloroethene	<5.0	2000	2160	µg/Kg	108			70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	88.3	70 - 125
Dibromofluoromethane	86.7	70 - 125
Toluene-d8	94.3	70 - 125

LCSD1

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<5.0	2000	2250	µg/Kg	112	2.2	30.0	70 - 135
Benzene	<5.0	2000	1990	µg/Kg	99.5	0.0	30.0	70 - 135
Chlorobenzene	<5.0	2000	2010	µg/Kg	100	8.6	30.0	70 - 135
Methyl-t-butyl Ether	<5.0	2000	1980	µg/Kg	99.0	2.6	30.0	70 - 135
Toluene	<5.0	2000	1960	µg/Kg	98.0	12	30.0	70 - 135
Trichloroethene	<5.0	2000	2140	µg/Kg	107	0.93	30.0	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	82.5	70 - 125
Dibromofluoromethane	90.1	70 - 125
Toluene-d8	85.1	70 - 125

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Method Blank - Solid - EPA 6010B - Metals

QC/Prep Batch ID: SM050628

Validated by: dqueja - 06/29/05

QC/Prep Date: 6/28/2005

Parameter	Result	DF	PQLR	Units
Cadmium	ND	1	1.0	mg/Kg
Chromium	ND	1	1.0	mg/Kg
Lead	ND	1	1.0	mg/Kg
Nickel	ND	1	1.0	mg/Kg
Zinc	ND	1	2.0	mg/Kg

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: SM050628

Reviewed by: dqueja - 06/29/05

QC/Prep Date: 6/28/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Antimony	<1.0	50	48.3	mg/Kg	96.6	75 - 125
Arsenic	<1.0	50	47.0	mg/Kg	94.0	75 - 125
Barium	<1.0	50	53.0	mg/Kg	106	75 - 125
Beryllium	<1.0	50	47.1	mg/Kg	94.1	75 - 125
Cadmium	<1.0	50	45.2	mg/Kg	90.5	75 - 125
Chromium	<1.0	50	48.2	mg/Kg	96.5	75 - 125
Cobalt	<1.0	50	49.4	mg/Kg	98.9	75 - 125
Copper	<1.0	50	48.2	mg/Kg	96.4	75 - 125
Lead	<1.0	50	48.3	mg/Kg	96.7	75 - 125
Molybdenum	<1.0	50	49.6	mg/Kg	99.2	75 - 125
Nickel	<1.0	50	47.5	mg/Kg	95.1	75 - 125
Selenium	<2.0	50	43.3	mg/Kg	86.7	75 - 125
Silver	<1.0	50	51.2	mg/Kg	102	75 - 125
Thallium	<2.0	50	42.3	mg/Kg	84.5	75 - 125
Vanadium	<1.0	50	48.3	mg/Kg	96.6	75 - 125
Zinc	<2.0	50	46.1	mg/Kg	92.1	75 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Antimony	<1.0	50	47.6	mg/Kg	95.1	1.5	25.0	75 - 125
Arsenic	<1.0	50	46.9	mg/Kg	93.8	0.21	25.0	75 - 125
Barium	<1.0	50	52.4	mg/Kg	105	1.3	25.0	75 - 125
Beryllium	<1.0	50	46.3	mg/Kg	92.6	1.6	25.0	75 - 125
Cadmium	<1.0	50	44.9	mg/Kg	89.7	0.80	25.0	75 - 125
Chromium	<1.0	50	47.9	mg/Kg	95.8	0.71	25.0	75 - 125
Cobalt	<1.0	50	49.2	mg/Kg	98.5	0.45	25.0	75 - 125
Copper	<1.0	50	48.0	mg/Kg	95.9	0.50	25.0	75 - 125
Lead	<1.0	50	48.4	mg/Kg	96.9	0.21	25.0	75 - 125
Molybdenum	<1.0	50	49.3	mg/Kg	98.7	0.49	25.0	75 - 125
Nickel	<1.0	50	47.2	mg/Kg	94.4	0.65	25.0	75 - 125
Selenium	<2.0	50	43.2	mg/Kg	86.4	0.32	25.0	75 - 125
Silver	<1.0	50	51.2	mg/Kg	102	0.12	25.0	75 - 125
Thallium	<2.0	50	43.3	mg/Kg	86.5	2.3	25.0	75 - 125
Vanadium	<1.0	50	47.9	mg/Kg	95.8	0.85	25.0	75 - 125
Zinc	<2.0	50	46.0	mg/Kg	92.1	0.043	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 Batch ID: SMS3050627

Validated by: MaiChiTu - 06/28/05

QC Batch Analysis Date: 6/27/2005

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
Ethyl Benzene	ND	1	5.0	µg/Kg
Methyl-t-butyl 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	79.2	70 - 125
Dibromofluoromethane	87.3	70 - 125
Toluene-d8	81.8	70 - 125

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

QC Batch ID: SMS3050627

Validated by: MaiChiTu - 06/28/05

QC Batch Analysis Date: 6/27/2005

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

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	79.2	70 - 125
Dibromofluoromethane	87.3	70 - 125
Toluene-d8	81.8	70 - 125

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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: SMS3050627

Reviewed by: MaiChiTu - 06/28/05

QC Batch ID Analysis Date: 6/27/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<5.0	40	46.0	µg/Kg	115	70 - 135
Benzene	<5.0	40	40.7	µg/Kg	102	70 - 135
Chlorobenzene	<5.0	40	39.4	µg/Kg	98.5	70 - 135
Methyl-t-butyl Ether	<5.0	40	39.0	µg/Kg	97.5	70 - 135
Toluene	<5.0	40	38.2	µg/Kg	95.5	70 - 135
Trichloroethene	<5.0	40	45.8	µg/Kg	114	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	79.4	70 - 125
Dibromofluoromethane	89.2	70 - 125
Toluene-d8	83.3	70 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<5.0	40	47.5	µg/Kg	119	3.2	30.0	70 - 135
Benzene	<5.0	40	41.7	µg/Kg	104	2.4	30.0	70 - 135
Chlorobenzene	<5.0	40	42.7	µg/Kg	107	8.0	30.0	70 - 135
Methyl-t-butyl Ether	<5.0	40	39.7	µg/Kg	99.2	1.8	30.0	70 - 135
Toluene	<5.0	40	42.0	µg/Kg	105	9.5	30.0	70 - 135
Trichloroethene	<5.0	40	45.7	µg/Kg	114	0.22	30.0	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	84.6	70 - 125
Dibromofluoromethane	89.5	70 - 125
Toluene-d8	89.5	70 - 125

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

QC Batch ID: SMS3050627

Reviewed by: MaiChiTu - 06/28/05

QC Batch ID Analysis Date: 6/27/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<50	250	222	µg/Kg	88.8	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	91.3	70 - 125
Dibromofluoromethane	89.4	70 - 125
Toluene-d8	97.1	70 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<50	250	198	µg/Kg	79.2	11	30.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	93.3	70 - 125
Dibromofluoromethane	90.9	70 - 125
Toluene-d8	96.6	70 - 125

Entech Analytical Labs, Inc.

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Method Blank - Solid - EPA 8260B - 8260Petroleum

Validated by: BDhabalia - 06/29/05

QC Batch ID: SMS3050628B

QC Batch Analysis Date: 6/28/2005

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
Ethyl Benzene	ND	1	5.0	µg/Kg
Methyl-t-butyl 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	80.4	70 - 125
Dibromofluoromethane	83.8	70 - 125
Toluene-d8	83.2	70 - 125

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

Validated by: BDhabalia - 06/29/05

QC Batch ID: SMS3050628B

QC Batch Analysis Date: 6/28/2005

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

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	80.4	70 - 125
Dibromofluoromethane	83.8	70 - 125
Toluene-d8	83.2	70 - 125

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

QC Batch ID: SMS3050628B

Reviewed by: BDhabalia - 06/29/05

QC Batch ID Analysis Date: 6/28/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<5.0	40	44.1	µg/Kg	110	70 - 135
Benzene	<5.0	40	39.6	µg/Kg	99.0	70 - 135
Chlorobenzene	<5.0	40	39.4	µg/Kg	98.5	70 - 135
Methyl-t-butyl Ether	<5.0	40	37.0	µg/Kg	92.5	70 - 135
Toluene	<5.0	40	39.0	µg/Kg	97.5	70 - 135
Trichloroethene	<5.0	40	44.5	µg/Kg	111	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	82.6	70 - 125
Dibromofluoromethane	88.3	70 - 125
Toluene-d8	84.6	70 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<5.0	40	43.2	µg/Kg	108	2.1	30.0	70 - 135
Benzene	<5.0	40	36.9	µg/Kg	92.2	7.1	30.0	70 - 135
Chlorobenzene	<5.0	40	36.6	µg/Kg	91.5	7.4	30.0	70 - 135
Methyl-t-butyl Ether	<5.0	40	36.6	µg/Kg	91.5	1.1	30.0	70 - 135
Toluene	<5.0	40	36.5	µg/Kg	91.2	6.6	30.0	70 - 135
Trichloroethene	<5.0	40	40.9	µg/Kg	102	8.4	30.0	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	80.9	70 - 125
Dibromofluoromethane	91.1	70 - 125
Toluene-d8	83	70 - 125

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

QC Batch ID: SMS3050628B

Reviewed by: BDhabalia - 06/29/05

QC Batch ID Analysis Date: 6/28/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<50	250	217	µg/Kg	86.8	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	88.2	70 - 125
Dibromofluoromethane	88	70 - 125
Toluene-d8	95.2	70 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<50	250	214	µg/Kg	85.6	1.4	30.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	93.6	70 - 125
Dibromofluoromethane	90.7	70 - 125
Toluene-d8	96.7	70 - 125

Entech Analytical Labs, Inc.

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

Method Blank - Solid - SM 5520 C - Oil & Grease-IR

QC/Prep Batch ID: SINO050624

Validated by: rlazaro - 06/27/05

QC/Prep Date: 6/24/2005

Parameter	Result	DF	PQLR	Units
Oil and Grease, Total	ND	1	25	mg/Kg

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Laboratory Control Sample / Duplicate - Solid - SM 5520 C - Oil & Grease-IR

QC/Prep Batch ID: SINO050624

Reviewed by: rlazaro - 06/27/05

QC/Prep Date: 6/24/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Oil and Grease, Total	<25	280	288	mg/Kg	104	75 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Oil and Grease, Total	<25	280	279	mg/Kg	101	3.0	30.0	75 - 125

Entech Analytical Labs, Inc.

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

Certificate ID: 44112 - 6/30/2005 5:09:43 PM

Order Number: 44112
Project Name: 7335 Sheaff's Garage
Project Number: T0600102112

Date Received: 6/23/2005 7:52:08 PM

Certificate of Analysis - Final Report

On June 23, 2005, samples were received under chain of custody for analysis.

Entech analyzes samples "as received" unless otherwise noted. The following results are included:

<u>Matrix</u>	<u>Test</u>	<u>Comments</u>
Liquid	EPA 8260B - GC/MS Metals by ICP 6010B/200.7 TPH as Gasoline by GC/MS Wet Chemistry	
Solid	EPA 8260B - GC/MS Metals by ICP 6010B/200.7 TPH as Gasoline by GC/MS Wet Chemistry	

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 ID: 7335 Sheaff's Garage

Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44112-001 Sample ID: B23 - 6 Matrix: Solid Sample Date: 6/22/2005 10:25 AM

EPA 5035A EPA 8260B Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	8260Petroleum
									QC Batch
Benzene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Toluene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Ethyl Benzene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Xylenes, Total	ND		1	10	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Methyl-t-butyl Ether	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
1,2-Dichloroethane	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
1,2-Dibromoethane (EDB)	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	79.9	70 - 125
Dibromofluoromethane	88.4	70 - 125
Toluene-d8	82.6	70 - 125

Analyzed by: MaiChiTu
Reviewed by: BDhabalia

GC-MS Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	TPH as Gasoline - GCMS
									QC Batch
TPH as Gasoline	ND		1	50	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	79.9	70 - 125
Dibromofluoromethane	88.4	70 - 125
Toluene-d8	82.6	70 - 125

Analyzed by: MaiChiTu
Reviewed by: BDhabalia

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

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

Project ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44112-002 Sample ID: B23 - 10 Matrix: Solid Sample Date: 6/22/2005 10:30 AM

EPA 5035A	EPA 8260B	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	EPA 8260B QC Batch
1,1,1,2-Tetrachloroethane		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,1,1-Trichloroethane		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,1,2,2-Tetrachloroethane		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,1,2-Trichloroethane		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,1-Dichloroethane		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,1-Dichloroethene		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,1-Dichloropropene		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,2,3-Trichlorobenzene		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,2,3-Trichloropropane		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,2,4-Trichlorobenzene		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,2,4-Trimethylbenzene		26000		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,2-Dibromo-3-Chloropropane		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,2-Dibromoethane (EDB)		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,2-Dichlorobenzene		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,2-Dichloroethane		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,2-Dichloropropane		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,3,5-Trimethylbenzene		4800		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,3-Dichlorobenzene		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,3-Dichloropropane		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,4-Dichlorobenzene		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,4-Dioxane		ND		500	100000	µg/Kg	N/A	N/A	6/30/2005	
2,2-Dichloropropane		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
2-Butanone (MEK)		ND		500	20000	µg/Kg	N/A	N/A	6/30/2005	
2-Chloroethyl-vinyl Ether		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
2-Chlorotoluene		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
2-Hexanone		ND		500	20000	µg/Kg	N/A	N/A	6/30/2005	
4-Chlorotoluene		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
4-Methyl-2-Pentanone(MIBK)		ND		500	20000	µg/Kg	N/A	N/A	6/30/2005	
Acetone		ND		500	50000	µg/kg	N/A	N/A	6/30/2005	
Acetonitrile		ND		500	20000	µg/kg	N/A	N/A	6/30/2005	
Acrolein		ND		500	2500	µg/kg	N/A	N/A	6/30/2005	
Acrylonitrile		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Benzene		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Benzyl Chloride		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Bromobenzene		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Bromochloromethane		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Bromodichloromethane		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Bromoform		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Bromomethane		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Carbon Disulfide		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Carbon Tetrachloride		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Chlorobenzene		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Chloroethane		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Chloroform		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Chloromethane		ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

DF = Dilution and/or Prep Factor including sample volume adjustments.

Qual = Data Qualifier

Entech Analytical Labs, Inc.

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Phone: (408) 588-0200

Fax: (408) 588-0201

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

Project ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44112-002 Sample ID: B23 - 10 Matrix: Solid Sample Date: 6/22/2005 10:30 AM

EPA 5035A	EPA 8260B								EPA 8260B
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
cis-1,3-Dichloropropene	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Cyclohexanone	ND		500	20000	µg/Kg	N/A	N/A	6/30/2005	
Dibromochloromethane	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Dibromomethane	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Dichlorodifluoromethane	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Diisopropyl Ether	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Ethyl Benzene	5100		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Freon 113	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Hexachlorobutadiene	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Iodomethane	ND		500	20000	µg/Kg	N/A	N/A	6/30/2005	
Isopropanol	ND		500	50000	µg/Kg	N/A	N/A	6/30/2005	
Isopropylbenzene	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Methyl-t-butyl Ether	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Methylene Chloride	ND		500	12000	µg/Kg	N/A	N/A	6/30/2005	
n-Butylbenzene	3100		500	2500	µg/Kg	N/A	N/A	6/30/2005	
n-Propylbenzene	4400		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Naphthalene	5000		500	2500	µg/Kg	N/A	N/A	6/30/2005	
p-Isopropyltoluene	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Pentachloroethane	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
sec-Butylbenzene	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Styrene	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
tert-Amyl Methyl Ether	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
tert-Butanol (TBA)	ND		500	20000	µg/Kg	N/A	N/A	6/30/2005	
tert-Butyl Ethyl Ether	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
tert-Butylbenzene	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Tetrachloroethene	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Tetrahydrofuran	ND		500	20000	µg/Kg	N/A	N/A	6/30/2005	
Toluene	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
trans-1,2-Dichloroethene	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
trans-1,3-Dichloropropene	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
trans-1,4-Dichloro-2-butene	ND		500	20000	µg/Kg	N/A	N/A	6/30/2005	
Trichloroethene	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Trichlorofluoromethane	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Vinyl Chloride	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Xylenes, Total	29000		500	5000	µg/Kg	N/A	N/A	6/30/2005	

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	83.9	70 - 125
Dibromofluoromethane	88.1	70 - 125
Toluene-d8	83.6	70 - 125

Analyzed by: MFelix

Reviewed by: BDhabalia

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

Project ID: 7335 Sheaff's Garage

Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44112-002 Sample ID: B23 - 10 Matrix: Solid Sample Date: 6/22/2005 10:30 AM

EPA 3050B EPA 6010B										Metals
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch	
Cadmium	ND		1	1.0	mg/Kg	6/28/2005	SM050628	6/29/2005	SM050628	
Chromium	47		1	1.0	mg/Kg	6/28/2005	SM050628	6/29/2005	SM050628	
Lead	7.2		1	1.0	mg/Kg	6/28/2005	SM050628	6/29/2005	SM050628	
Nickel	63		1	1.0	mg/Kg	6/28/2005	SM050628	6/29/2005	SM050628	
Zinc	50		1	2.0	mg/Kg	6/28/2005	SM050628	6/29/2005	SM050628	

Analyzed by: Equeja

Reviewed by: dqueja

GC-MS										TPH as Gasoline - GCMS
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch	
TPH as Gasoline	300000		500	25000	µg/Kg	N/A	N/A	6/30/2005		

Analyzed by: MFelix

Reviewed by: BDhabalia

Surrogate	Surrogate Recovery	Control Limits (%)	
4-Bromofluorobenzene	83.9	70	- 125
Dibromofluoromethane	88.1	70	- 125
Toluene-d8	83.6	70	- 125

SM 5520 C										Oil & Grease-IR
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch	
Oil and Grease, Total	230		1	25	mg/Kg	6/24/2005	SINO050624	6/24/2005	SOGIR050624	

Analyzed by: Jisiderio

Reviewed by: rlazaro

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Project ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44112-003 Sample ID: B23 - 11.5

Matrix: Solid Sample Date: 6/22/2005 10:30 AM

EPA 5035A	EPA 8260B								8260Petroleum
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1000	5000	µg/Kg	N/A	N/A	6/30/2005	PMS050627
Toluene	16000		1000	5000	µg/Kg	N/A	N/A	6/30/2005	PMS050627
Ethyl Benzene	9200		1000	5000	µg/Kg	N/A	N/A	6/30/2005	PMS050627
Xylenes, Total	53000		1000	10000	µg/Kg	N/A	N/A	6/30/2005	PMS050627
Methyl-t-butyl Ether	ND		1000	5000	µg/Kg	N/A	N/A	6/30/2005	PMS050627
1,2-Dichloroethane	ND		1000	5000	µg/Kg	N/A	N/A	6/30/2005	PMS050627
1,2-Dibromoethane (EDB)	ND		1000	5000	µg/Kg	N/A	N/A	6/30/2005	PMS050627

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	82.4	70 - 125
Dibromofluoromethane	85.6	70 - 125
Toluene-d8	84.2	70 - 125

Analyzed by: MTu

Reviewed by: BDhabalia

GC-MS								TPH as Gasoline - GCMS	
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	420000		1000	50000	µg/Kg	N/A	N/A	6/30/2005	PMS050627

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	82.4	70 - 125
Dibromofluoromethane	85.6	70 - 125
Toluene-d8	84.2	70 - 125

Analyzed by: MTu

Reviewed by: BDhabalia

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Project ID: 7335 Sheaff's Garage

Date Received: 6/23/2005

Sample Collected by: client

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Lab #: 44112-004 Sample ID: B23 - 15 Matrix: Solid Sample Date: 6/22/2005 10:40 AM

EPA 5035A	EPA 8260B								8260Petroleum
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Toluene	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Ethyl Benzene	19000		500	2500	µg/Kg	N/A	N/A	6/30/2005	
Xylenes, Total	76000		500	5000	µg/Kg	N/A	N/A	6/30/2005	
Methyl-t-butyl Ether	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,2-Dichloroethane	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	
1,2-Dibromoethane (EDB)	ND		500	2500	µg/Kg	N/A	N/A	6/30/2005	

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	82.5	70 - 125
Dibromofluoromethane	83.3	70 - 125
Toluene-d8	81.7	70 - 125

Analyzed by: Mfelix

Reviewed by: BDhabalia

GC-MS								TPH as Gasoline - GCMS	
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	870000		500	25000	µg/Kg	N/A	N/A	6/30/2005	

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	82.5	70 - 125
Dibromofluoromethane	83.3	70 - 125
Toluene-d8	81.7	70 - 125

Analyzed by: Mfelix

Reviewed by: BDhabalia

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Project ID: 7335 Sheaff's Garage

Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44112-005

Sample ID: B23 - 17

Matrix: Solid

Sample Date: 6/22/2005

10:45 AM

EPA 5035A	EPA 8260B								8260Petroleum
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1000	5000	µg/Kg	N/A	N/A	6/30/2005	PMS050627
Toluene	28000		1000	5000	µg/Kg	N/A	N/A	6/30/2005	PMS050627
Ethyl Benzene	20000		1000	5000	µg/Kg	N/A	N/A	6/30/2005	PMS050627
Xylenes, Total	110000		1000	10000	µg/Kg	N/A	N/A	6/30/2005	PMS050627
Methyl-t-butyl Ether	ND		1000	5000	µg/Kg	N/A	N/A	6/30/2005	PMS050627
1,2-Dichloroethane	ND		1000	5000	µg/Kg	N/A	N/A	6/30/2005	PMS050627
1,2-Dibromoethane (EDB)	ND		1000	5000	µg/Kg	N/A	N/A	6/30/2005	PMS050627

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.7	70 - 125
Dibromofluoromethane	88.3	70 - 125
Toluene-d8	97.5	70 - 125

Analyzed by: MTu

Reviewed by: BDhabalia

GC-MS								TPH as Gasoline - GCMS	
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	910000		1000	50000	µg/Kg	N/A	N/A	6/30/2005	PMS050627

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.7	70 - 125
Dibromofluoromethane	88.3	70 - 125
Toluene-d8	97.5	70 - 125

Analyzed by: MTu

Reviewed by: BDhabalia

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Project ID: 7335 Sheaff's Garage

Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44112-006

Sample ID: B23-19.5

Matrix: Solid

Sample Date: 6/22/2005

10:45 AM

EPA 5035A	EPA 8260B								8260Petroleum
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Toluene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Ethyl Benzene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Xylenes, Total	ND		1	10	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
Methyl-t-butyl Ether	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
1,2-Dichloroethane	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B
1,2-Dibromoethane (EDB)	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	82.5	70 - 125
Dibromofluoromethane	83.9	70 - 125
Toluene-d8	85.9	70 - 125

Analyzed by: MaiChiTu

Reviewed by: BDhabalia

GC-MS								TPH as Gasoline - GCMS	
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	61		1	50	µg/Kg	N/A	N/A	6/29/2005	SMS3050628B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	82.5	70 - 125
Dibromofluoromethane	83.9	70 - 125
Toluene-d8	85.9	70 - 125

Analyzed by: MaiChiTu

Reviewed by: BDhabalia

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Project ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab # : 44112-007 Sample ID: B23-24.5

Matrix: Solid Sample Date: 6/22/2005 10:50 AM

EPA 5035A	EPA 8260B									8260Petroleum
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch	
Benzene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050629	
Toluene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050629	
Ethyl Benzene	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050629	
Xylenes, Total	ND		1	10	µg/Kg	N/A	N/A	6/29/2005	SMS3050629	
Methyl-t-butyl Ether	51		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050629	
1,2-Dichloroethane	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050629	
1,2-Dibromoethane (EDB)	ND		1	5.0	µg/Kg	N/A	N/A	6/29/2005	SMS3050629	

Surrogate	Surrogate Recovery	Control Limits (%)	
4-Bromofluorobenzene	81.0	70	- 125
Dibromofluoromethane	88.3	70	- 125
Toluene-d8	85.1	70	- 125

Analyzed by: Mfelix
Reviewed by: BDhabalia

								TPH as Gasoline - GCMS	
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	58		1	50	µg/Kg	N/A	N/A	6/29/2005	SMS3050629

Surrogate	Surrogate Recovery	Control Limits (%)	
4-Bromofluorobenzene	81.0	70	- 125
Dibromofluoromethane	88.3	70	- 125
Toluene-d8	85.1	70	- 125

Analyzed by: Mfelix
Reviewed by: BDhabalia

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Project ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44112-008

Sample ID: B21-W

Matrix: Liquid Sample Date: 6/22/2005

EPA 5030B	EPA 8260B	EPA 624	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	EPA 8260B QC Batch
Parameter											
1,1,1,2-Tetrachloroethane			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,1,1-Trichloroethane			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,1,2,2-Tetrachloroethane			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,1,2-Trichloroethane			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,1-Dichloroethane			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,1-Dichloroethene			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,1-Dichloropropene			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,2,3-Trichlorobenzene			ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,2,3-Trichloropropane			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,2,4-Trichlorobenzene			ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,2,4-Trimethylbenzene			ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,2-Dibromo-3-Chloropropane			ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,2-Dibromoethane (EDB)			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,2-Dichlorobenzene			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,2-Dichloroethane			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,2-Dichloropropane			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,3,5-Trimethylbenzene			ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,3-Dichlorobenzene			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,3-Dichloropropane			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,4-Dichlorobenzene			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
1,4-Dioxane			ND		1000	50000	µg/L	N/A	N/A	6/26/2005	WMS1050626
2,2-Dichloropropane			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
2-Butanone (MEK)			ND		1000	20000	µg/L	N/A	N/A	6/26/2005	WMS1050626
2-Chloroethyl-vinyl Ether			ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626
2-Chlorotoluene			ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626
2-Hexanone			ND		1000	20000	µg/L	N/A	N/A	6/26/2005	WMS1050626
4-Chlorotoluene			ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626
4-Methyl-2-Pentanone(MIBK)			ND		1000	20000	µg/L	N/A	N/A	6/26/2005	WMS1050626
Acetone			ND		1000	20000	µg/L	N/A	N/A	6/26/2005	WMS1050626
Acetonitrile			ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626
Acrolein			ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626
Acrylonitrile			ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626
Benzene			21000		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
Benzyl Chloride			ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626
Bromobenzene			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
Bromochloromethane			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
Bromodichloromethane			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
Bromoform			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
Bromomethane			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
Carbon Disulfide			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
Carbon Tetrachloride			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
Chlorobenzene			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
Chloroethane			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
Chloroform			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626
Chloromethane			ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

DF = Dilution and/or Prep Factor including sample volume adjustments.

Qual = Data Qualifier

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Attn: Brent Wheeler

Project ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

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Lab #: 44112-008

Sample ID: B21-W

Matrix: Liquid Sample Date: 6/22/2005

EPA 5030B	EPA 8260B	EPA 624								EPA 8260B
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch	
cis-1,2-Dichloroethene	ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626	
cis-1,3-Dichloropropene	ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Cyclohexanone	ND		1000	20000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Dibromochloromethane	ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Dibromomethane	ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Dichlorodifluoromethane	ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Diisopropyl Ether	ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Ethyl Benzene	4500		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Freon 113	ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Hexachlorobutadiene	ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Iodomethane	ND		1000	1000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Isopropanol	ND		1000	20000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Isopropylbenzene	ND		1000	1000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Methyl-t-butyl Ether	ND		1000	1000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Methylene Chloride	ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
n-Butylbenzene	ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
n-Propylbenzene	ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Naphthalene	ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
p-Isopropyltoluene	ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Pentachloroethane	ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626	
sec-Butylbenzene	ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Styrene	ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626	
tert-Amyl Methyl Ether	ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
tert-Butanol (TBA)	ND		1000	10000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
tert-Butyl Ethyl Ether	ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
tert-Butylbenzene	ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Tetrachloroethene	ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Tetrahydrofuran	ND		1000	20000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Toluene	24000		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626	
trans-1,2-Dichloroethene	ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626	
trans-1,3-Dichloropropene	ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626	
trans-1,4-Dichloro-2-butene	ND		1000	1000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Trichloroethene	ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Trichlorofluoromethane	ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Vinyl Acetate	ND		1000	5000	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Vinyl Chloride	ND		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626	
Xylenes, Total	23000		1000	500	µg/L	N/A	N/A	6/26/2005	WMS1050626	

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.8	70 - 125
Dibromofluoromethane	98.6	70 - 125
Toluene-d8	100	70 - 125

Analyzed by: XBian

Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.

DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

Qual = Data Qualifier

6/30/2005 5:08:48 PM - dba

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 ID: 7335 Sheaff's Garage
Date Received: 6/23/2005

Sample Collected by: client

Certificate of Analysis - Data Report

Lab #: 44112-008

Sample ID: B21-W

Matrix: Liquid Sample Date: 6/22/2005

EPA 413.2								Oil & Grease-IR	
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Oil and Grease, Total	5800		200	1000	mg/L	6/27/2005	WOGIR050627	6/27/2005	WOGIR050627

Analyzed by: Jisiderio

Reviewed by: RLAZARO

EPA 3005A EPA 6010B EPA 200.7								Metals	
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Cadmium	0.038		1	0.0020	mg/L	6/24/2005	WM050624	6/28/2005	WM050624
Chromium	1.4		1	0.0050	mg/L	6/24/2005	WM050624	6/28/2005	WM050624
Lead	0.75		1	0.0050	mg/L	6/24/2005	WM050624	6/28/2005	WM050624
Nickel	1.5		1	0.0050	mg/L	6/24/2005	WM050624	6/28/2005	WM050624
Zinc	1.9		1	0.010	mg/L	6/24/2005	WM050624	6/28/2005	WM050624

Analyzed by: Equeja

Reviewed by: dqueja

EPA 5030B GC-MS								TPH as Gasoline - GC-MS	
Parameter	Result	Qual	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	130000		1000	25000	µg/L	N/A	N/A	6/26/2005	WMS1050626

Analyzed by: XBian

Reviewed by: MaiChiTu

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	102	70 - 125
Dibromofluoromethane	90.1	70 - 125
Toluene-d8	97.8	70 - 125

Entech Analytical Labs, Inc.

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

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

QC/Prep Batch ID: WM050624

Reviewed by: dqueja - 06/24/05

QC/Prep Date: 6/24/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Antimony	<0.010	0.50	0.546	mg/L	109	75 - 125
Arsenic	<0.010	0.50	0.568	mg/L	114	75 - 125
Barium	<0.0050	0.50	0.554	mg/L	111	75 - 125
Beryllium	<0.0050	0.50	0.537	mg/L	107	75 - 125
Cadmium	<0.0020	0.50	0.520	mg/L	104	75 - 125
Chromium	<0.0050	0.50	0.510	mg/L	102	75 - 125
Cobalt	<0.0050	0.50	0.525	mg/L	105	75 - 125
Copper	<0.0050	0.50	0.503	mg/L	101	75 - 125
Lead	<0.0050	0.50	0.518	mg/L	104	75 - 125
Molybdenum	<0.0050	0.50	0.518	mg/L	104	75 - 125
Nickel	<0.0050	0.50	0.512	mg/L	102	75 - 125
Selenium	<0.020	0.50	0.549	mg/L	110	75 - 125
Silver	<0.0050	0.50	0.567	mg/L	113	75 - 125
Thallium	<0.020	0.50	0.473	mg/L	94.6	75 - 125
Tin	<0.050	1.0	0.936	mg/L	93.6	75 - 125
Titanium	<0.0020	0.50	0.510	mg/L	102	75 - 125
Vanadium	<0.050	0.50	0.513	mg/L	103	75 - 125
Zinc	<0.010	0.50	0.561	mg/L	112	75 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Antimony	<0.010	0.50	0.550	mg/L	110	0.73	25.0	75 - 125
Arsenic	<0.010	0.50	0.576	mg/L	115	1.4	25.0	75 - 125
Barium	<0.0050	0.50	0.551	mg/L	110	0.54	25.0	75 - 125
Beryllium	<0.0050	0.50	0.533	mg/L	107	0.75	25.0	75 - 125
Cadmium	<0.0020	0.50	0.515	mg/L	103	0.97	25.0	75 - 125
Chromium	<0.0050	0.50	0.506	mg/L	101	0.79	25.0	75 - 125
Cobalt	<0.0050	0.50	0.518	mg/L	104	1.3	25.0	75 - 125
Copper	<0.0050	0.50	0.499	mg/L	99.8	0.80	25.0	75 - 125
Lead	<0.0050	0.50	0.511	mg/L	102	1.4	25.0	75 - 125
Molybdenum	<0.0050	0.50	0.512	mg/L	102	1.2	25.0	75 - 125
Nickel	<0.0050	0.50	0.506	mg/L	101	1.2	25.0	75 - 125
Selenium	<0.020	0.50	0.532	mg/L	106	3.1	25.0	75 - 125
Silver	<0.0050	0.50	0.559	mg/L	112	1.4	25.0	75 - 125
Thallium	<0.020	0.50	0.475	mg/L	95.0	0.42	25.0	75 - 125
Tin	<0.050	1.0	0.908	mg/L	90.8	3.0	25.0	75 - 125
Titanium	<0.0020	0.50	0.506	mg/L	101	0.79	25.0	75 - 125
Vanadium	<0.050	0.50	0.509	mg/L	102	0.78	25.0	75 - 125
Zinc	<0.010	0.50	0.552	mg/L	110	1.6	25.0	75 - 125

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 6010B - Metals

QC/Prep Batch ID: WM050624

Reviewed by: dqueja - 06/29/05

QC/Prep Date: 6/24/2005

MS	Sample Spiked: 44118-005						Recovery Limits
	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	
Parameter							
Antimony	ND	0.50	0.560	mg/L	6/24/2005	112	75 - 120
Arsenic	ND	0.50	0.567	mg/L	6/24/2005	113	75 - 120
Barium	0.0350	0.50	0.560	mg/L	6/24/2005	105	75 - 120
Beryllium	ND	0.50	0.534	mg/L	6/24/2005	107	75 - 120
Cadmium	0.00500	0.50	0.526	mg/L	6/24/2005	104	75 - 120
Chromium	ND	0.50	0.508	mg/L	6/24/2005	102	75 - 120
Cobalt	0.00500	0.50	0.517	mg/L	6/24/2005	102	75 - 120
Copper	1.22	0.50	1.72	mg/L	6/24/2005	99.8	75 - 120
Lead	0.383	0.50	0.892	mg/L	6/24/2005	102	75 - 120
Molybdenum	0.0120	0.50	0.529	mg/L	6/24/2005	103	75 - 120
Nickel	0.0210	0.50	0.519	mg/L	6/24/2005	99.6	75 - 120
Selenium	ND	0.50	0.582	mg/L	6/24/2005	116	75 - 120
Silver	ND	0.50	0.556	mg/L	6/24/2005	111	75 - 120
Thallium	0.0160	0.50	0.478	mg/L	6/24/2005	92.4	75 - 120
Vanadium	ND	0.50	0.523	mg/L	6/24/2005	105	75 - 120
Zinc	53.6	0.50	53.0	mg/L	6/24/2005	-124	75 - 120

MSD	Sample Spiked: 44118-005								Recovery Limits
	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	
Parameter									
Antimony	ND	0.50	0.556	mg/L	6/24/2005	111	0.72	25.0	75 - 120
Arsenic	ND	0.50	0.567	mg/L	6/24/2005	113	0.0	25.0	75 - 120
Barium	0.0350	0.50	0.575	mg/L	6/24/2005	108	2.8	25.0	75 - 120
Beryllium	ND	0.50	0.533	mg/L	6/24/2005	107	0.19	25.0	75 - 120
Cadmium	0.00500	0.50	0.520	mg/L	6/24/2005	103	1.2	25.0	75 - 120
Chromium	ND	0.50	0.502	mg/L	6/24/2005	100	1.2	25.0	75 - 120
Cobalt	0.00500	0.50	0.509	mg/L	6/24/2005	101	1.6	25.0	75 - 120
Copper	1.22	0.50	1.65	mg/L	6/24/2005	86.4	14	25.0	75 - 120
Lead	0.383	0.50	0.860	mg/L	6/24/2005	95.4	6.5	25.0	75 - 120
Molybdenum	0.0120	0.50	0.530	mg/L	6/24/2005	104	0.19	25.0	75 - 120
Nickel	0.0210	0.50	0.515	mg/L	6/24/2005	98.8	0.81	25.0	75 - 120
Selenium	ND	0.50	0.589	mg/L	6/24/2005	118	1.2	25.0	75 - 120
Silver	ND	0.50	0.569	mg/L	6/24/2005	114	2.3	25.0	75 - 120
Thallium	0.0160	0.50	0.471	mg/L	6/24/2005	91.0	1.5	25.0	75 - 120
Vanadium	ND	0.50	0.517	mg/L	6/24/2005	103	1.2	25.0	75 - 120
Zinc	53.6	0.50	52.6	mg/L	6/24/2005	-200	-47	25.0	75 - 120

***No recovery of the MS/MSD for zinc. Sample concentration is 4 times greater than spike added.

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: SM050628

Reviewed by: dqueja - 06/29/05

QC/Prep Date: 6/28/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Antimony	<1.0	50	48.3	mg/Kg	96.6	75 - 125
Arsenic	<1.0	50	47.0	mg/Kg	94.0	75 - 125
Barium	<1.0	50	53.0	mg/Kg	106	75 - 125
Beryllium	<1.0	50	47.1	mg/Kg	94.1	75 - 125
Cadmium	<1.0	50	45.2	mg/Kg	90.5	75 - 125
Chromium	<1.0	50	48.2	mg/Kg	96.5	75 - 125
Cobalt	<1.0	50	49.4	mg/Kg	98.9	75 - 125
Copper	<1.0	50	48.2	mg/Kg	96.4	75 - 125
Lead	<1.0	50	48.3	mg/Kg	96.7	75 - 125
Molybdenum	<1.0	50	49.6	mg/Kg	99.2	75 - 125
Nickel	<1.0	50	47.5	mg/Kg	95.1	75 - 125
Selenium	<2.0	50	43.3	mg/Kg	86.7	75 - 125
Silver	<1.0	50	51.2	mg/Kg	102	75 - 125
Thallium	<2.0	50	42.3	mg/Kg	84.5	75 - 125
Vanadium	<1.0	50	48.3	mg/Kg	96.6	75 - 125
Zinc	<2.0	50	46.1	mg/Kg	92.1	75 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Antimony	<1.0	50	47.6	mg/Kg	95.1	1.5	25.0	75 - 125
Arsenic	<1.0	50	46.9	mg/Kg	93.8	0.21	25.0	75 - 125
Barium	<1.0	50	52.4	mg/Kg	105	1.3	25.0	75 - 125
Beryllium	<1.0	50	46.3	mg/Kg	92.6	1.6	25.0	75 - 125
Cadmium	<1.0	50	44.9	mg/Kg	89.7	0.80	25.0	75 - 125
Chromium	<1.0	50	47.9	mg/Kg	95.8	0.71	25.0	75 - 125
Cobalt	<1.0	50	49.2	mg/Kg	98.5	0.45	25.0	75 - 125
Copper	<1.0	50	48.0	mg/Kg	95.9	0.50	25.0	75 - 125
Lead	<1.0	50	48.4	mg/Kg	96.9	0.21	25.0	75 - 125
Molybdenum	<1.0	50	49.3	mg/Kg	98.7	0.49	25.0	75 - 125
Nickel	<1.0	50	47.2	mg/Kg	94.4	0.65	25.0	75 - 125
Selenium	<2.0	50	43.2	mg/Kg	86.4	0.32	25.0	75 - 125
Silver	<1.0	50	51.2	mg/Kg	102	0.12	25.0	75 - 125
Thallium	<2.0	50	43.3	mg/Kg	86.5	2.3	25.0	75 - 125
Vanadium	<1.0	50	47.9	mg/Kg	95.8	0.85	25.0	75 - 125
Zinc	<2.0	50	46.0	mg/Kg	92.1	0.043	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

Validated by: BDhabalia - 06/29/05

QC Batch ID: SMS3050628B

QC Batch Analysis Date: 6/28/2005

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
Ethyl Benzene	ND	1	5.0	µg/Kg
Methyl-t-butyl 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	80.4	70 - 125
Dibromofluoromethane	83.8	70 - 125
Toluene-d8	83.2	70 - 125

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

Validated by: BDhabalia - 06/29/05

QC Batch ID: SMS3050628B

QC Batch Analysis Date: 6/28/2005

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

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	80.4	70 - 125
Dibromofluoromethane	83.8	70 - 125
Toluene-d8	83.2	70 - 125

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: SMS3050628B

Reviewed by: BDhabalia - 06/29/05

QC Batch ID Analysis Date: 6/28/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<5.0	40	44.1	µg/Kg	110	70 - 135
Benzene	<5.0	40	39.6	µg/Kg	99.0	70 - 135
Chlorobenzene	<5.0	40	39.4	µg/Kg	98.5	70 - 135
Methyl-t-butyl Ether	<5.0	40	37.0	µg/Kg	92.5	70 - 135
Toluene	<5.0	40	39.0	µg/Kg	97.5	70 - 135
Trichloroethene	<5.0	40	44.5	µg/Kg	111	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	82.6	70 - 125
Dibromofluoromethane	88.3	70 - 125
Toluene-d8	84.6	70 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<5.0	40	43.2	µg/Kg	108	2.1	30.0	70 - 135
Benzene	<5.0	40	36.9	µg/Kg	92.2	7.1	30.0	70 - 135
Chlorobenzene	<5.0	40	36.6	µg/Kg	91.5	7.4	30.0	70 - 135
Methyl-t-butyl Ether	<5.0	40	36.6	µg/Kg	91.5	1.1	30.0	70 - 135
Toluene	<5.0	40	36.5	µg/Kg	91.2	6.6	30.0	70 - 135
Trichloroethene	<5.0	40	40.9	µg/Kg	102	8.4	30.0	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	80.9	70 - 125
Dibromofluoromethane	91.1	70 - 125
Toluene-d8	83	70 - 125

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

QC Batch ID: SMS3050628B

Reviewed by: BDhabalia - 06/29/05

QC Batch ID Analysis Date: 6/28/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<50	250	217	µg/Kg	86.8	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	88.2	70 - 125
Dibromofluoromethane	88	70 - 125
Toluene-d8	95.2	70 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<50	250	214	µg/Kg	85.6	1.4	30.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	93.6	70 - 125
Dibromofluoromethane	90.7	70 - 125
Toluene-d8	96.7	70 - 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 Batch ID: SMS3050629

Validated by: BDhabalia - 06/30/05

QC Batch Analysis Date: 6/29/2005

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
Ethyl Benzene	ND	1	5.0	µg/Kg
Methyl-t-butyl 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	80.5	70 - 125
Dibromofluoromethane	87.1	70 - 125
Toluene-d8	82.1	70 - 125

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

QC Batch ID: SMS3050629

Validated by: BDhabalia - 06/30/05

QC Batch Analysis Date: 6/29/2005

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

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	80.5	70 - 125
Dibromofluoromethane	87.1	70 - 125
Toluene-d8	82.1	70 - 125

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: SMS3050629

Reviewed by: BDhabalia - 06/30/05

QC Batch ID Analysis Date: 6/29/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<5.0	40	43.6	µg/Kg	109	70 - 135
Benzene	<5.0	40	40.2	µg/Kg	100	70 - 135
Chlorobenzene	<5.0	40	41.0	µg/Kg	102	70 - 135
Methyl-t-butyl Ether	<5.0	40	37.1	µg/Kg	92.8	70 - 135
Toluene	<5.0	40	40.0	µg/Kg	100	70 - 135
Trichloroethene	<5.0	40	44.7	µg/Kg	112	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	86.7	70 - 125
Dibromofluoromethane	89	70 - 125
Toluene-d8	87	70 - 125

LCS D

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<5.0	40	44.8	µg/Kg	112	2.7	30.0	70 - 135
Benzene	<5.0	40	38.6	µg/Kg	96.5	4.1	30.0	70 - 135
Chlorobenzene	<5.0	40	39.0	µg/Kg	97.5	5.0	30.0	70 - 135
Methyl-t-butyl Ether	<5.0	40	38.3	µg/Kg	95.8	3.2	30.0	70 - 135
Toluene	<5.0	40	39.1	µg/Kg	97.8	2.3	30.0	70 - 135
Trichloroethene	<5.0	40	43.4	µg/Kg	108	3.0	30.0	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	82.4	70 - 125
Dibromofluoromethane	93.3	70 - 125
Toluene-d8	86.4	70 - 125

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

QC Batch ID: SMS3050629

Reviewed by: BDhabalia - 06/30/05

QC Batch ID Analysis Date: 6/29/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<50	250	209	µg/Kg	83.6	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	87.9	70 - 125
Dibromofluoromethane	87.8	70 - 125
Toluene-d8	94.6	70 - 125

LCS D

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<50	250	212	µg/Kg	84.8	1.4	30.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	95.9	70 - 125
Dibromofluoromethane	88.6	70 - 125
Toluene-d8	95.1	70 - 125

Entech Analytical Labs, Inc.

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Laboratory Control Sample / Duplicate - Solid - SM 5520 C - Oil & Grease-IR

QC/Prep Batch ID: SINO050624

Reviewed by: rlazaro - 06/27/05

QC/Prep Date: 6/24/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Oil and Grease, Total	<25	280	288	mg/Kg	104	75 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Oil and Grease, Total	<25	280	279	mg/Kg	101	3.0	30.0	75 - 125

Entech Analytical Labs, Inc.

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Laboratory Control Sample / Duplicate - Liquid - EPA 413.2 - Oil & Grease-IR

QC/Prep Batch ID: WOGIR050627

Reviewed by: RLAZARO - 06/27/05

QC/Prep Date: 6/27/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Oil and Grease, Total	<5.0	55	54.3	mg/L	98.4	75 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Oil and Grease, Total	<5.0	55	56.1	mg/L	102	3.2	25.0	75 - 125

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Method Blank - Liquid - EPA 8260B - EPA 8260B

QC Batch ID: WMS1050626

Validated by: MaiChiTu - 06/27/05

QC Batch Analysis Date: 6/26/2005

Parameter	Result	DF	PQLR	Units
1,1,1,2-Tetrachloroethane	ND	1	0.50	µg/L
1,1,1-Trichloroethane	ND	1	0.50	µg/L
1,1,2,2-Tetrachloroethane	ND	1	0.50	µg/L
1,1,2-Trichloroethane	ND	1	0.50	µg/L
1,1-Dichloroethane	ND	1	0.50	µg/L
1,1-Dichloroethene	ND	1	0.50	µg/L
1,1-Dichloropropene	ND	1	0.50	µg/L
1,2,3-Trichlorobenzene	ND	1	5.0	µg/L
1,2,3-Trichloropropane	ND	1	0.50	µg/L
1,2,4-Trichlorobenzene	ND	1	5.0	µg/L
1,2,4-Trimethylbenzene	ND	1	5.0	µg/L
1,2-Dibromo-3-Chloropropane	ND	1	5.0	µg/L
1,2-Dibromoethane (EDB)	ND	1	0.50	µg/L
1,2-Dichlorobenzene	ND	1	0.50	µg/L
1,2-Dichloroethane	ND	1	0.50	µg/L
1,2-Dichloropropane	ND	1	0.50	µg/L
1,3,5-Trimethylbenzene	ND	1	5.0	µg/L
1,3-Dichlorobenzene	ND	1	0.50	µg/L
1,3-Dichloropropane	ND	1	0.50	µg/L
1,4-Dichlorobenzene	ND	1	0.50	µg/L
1,4-Dioxane	ND	1	50	µg/L
2,2-Dichloropropane	ND	1	0.50	µg/L
2-Butanone (MEK)	ND	1	20	µg/L
2-Chloroethyl-vinyl Ether	ND	1	5.0	µg/L
2-Chlorotoluene	ND	1	5.0	µg/L
2-Hexanone	ND	1	20	µg/L
4-Chlorotoluene	ND	1	5.0	µg/L
4-Methyl-2-Pentanone(MIBK)	ND	1	20	µg/L
Acetone	ND	1	20	µg/L
Acetonitrile	ND	1	5.0	µg/L
Acrolein	ND	1	5.0	µg/L
Acrylonitrile	ND	1	5.0	µg/L
Benzene	ND	1	0.50	µg/L
Benzyl Chloride	ND	1	5.0	µg/L
Bromobenzene	ND	1	0.50	µg/L
Bromochloromethane	ND	1	0.50	µg/L
Bromodichloromethane	ND	1	0.50	µg/L
Bromoform	ND	1	0.50	µg/L
Bromomethane	ND	1	0.50	µg/L
Carbon Disulfide	ND	1	0.50	µg/L
Carbon Tetrachloride	ND	1	0.50	µg/L
Chlorobenzene	ND	1	0.50	µg/L
Chloroethane	ND	1	0.50	µg/L
Chloroform	ND	1	0.50	µg/L
Chloromethane	ND	1	0.50	µg/L
cis-1,2-Dichloroethene	ND	1	0.50	µg/L
cis-1,3-Dichloropropene	ND	1	0.50	µg/L
Cyclohexanone	ND	1	20	µg/L
Dibromochloromethane	ND	1	0.50	µg/L
Dibromomethane	ND	1	0.50	µg/L

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Method Blank - Liquid - EPA 8260B - EPA 8260B

QC Batch ID: WMS1050626

Validated by: MaiChiTu - 06/27/05

QC Batch Analysis Date: 6/26/2005

Parameter	Result	DF	PQLR	Units
Dichlorodifluoromethane	ND	1	0.50	µg/L
Diisopropyl Ether	ND	1	5.0	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Freon 113	ND	1	5.0	µg/L
Hexachlorobutadiene	ND	1	5.0	µg/L
Iodomethane	ND	1	1.0	µg/L
Isopropanol	ND	1	20	µg/L
Isopropylbenzene	ND	1	1.0	µg/L
Methylene Chloride	ND	1	5.0	µg/L
Methyl-t-butyl Ether	ND	1	1.0	µg/L
Naphthalene	ND	1	5.0	µg/L
n-Butylbenzene	ND	1	5.0	µg/L
n-Propylbenzene	ND	1	5.0	µg/L
Pentachloroethane	ND	1	0.50	µg/L
p-Isopropyltoluene	ND	1	5.0	µg/L
sec-Butylbenzene	ND	1	5.0	µg/L
Styrene	ND	1	0.50	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
tert-Butylbenzene	ND	1	5.0	µg/L
Tetrachloroethene	ND	1	0.50	µg/L
Tetrahydrofuran	ND	1	20	µg/L
Toluene	ND	1	0.50	µg/L
trans-1,2-Dichloroethene	ND	1	0.50	µg/L
trans-1,3-Dichloropropene	ND	1	0.50	µg/L
trans-1,4-Dichloro-2-butene	ND	1	1.0	µg/L
Trichloroethene	ND	1	0.50	µg/L
Trichlorofluoromethane	ND	1	0.50	µg/L
Vinyl Acetate	ND	1	5.0	µg/L
Vinyl Chloride	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	95.8	70 - 125
Dibromofluoromethane	103	70 - 125
Toluene-d8	103	70 - 125

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

QC Batch ID: WMS1050626

Validated by: MaiChiTu - 06/27/05

QC Batch Analysis Date: 6/26/2005

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

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	102	70 - 125
Dibromofluoromethane	93.9	70 - 125
Toluene-d8	101	70 - 125

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

QC Batch ID: WMS1050626

Reviewed by: MaiChiTu - 06/27/05

QC Batch ID Analysis Date: 6/26/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	18.6	µg/L	93.0	70 - 130
Benzene	<0.50	20	20.2	µg/L	101	70 - 130
Chlorobenzene	<0.50	20	19.3	µg/L	96.5	70 - 130
Methyl-t-butyl Ether	<1.0	20	22.0	µg/L	110	70 - 130
Toluene	<0.50	20	19.2	µg/L	96.0	70 - 130
Trichloroethene	<0.50	20	18.2	µg/L	91.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	97.9	70 - 125
Dibromofluoromethane	102	70 - 125
Toluene-d8	97.9	70 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.50	20	21.2	µg/L	106	13	25.0	70 - 130
Benzene	<0.50	20	22.6	µg/L	113	11	25.0	70 - 130
Chlorobenzene	<0.50	20	21.9	µg/L	110	13	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	25.1	µg/L	126	13	25.0	70 - 130
Toluene	<0.50	20	21.5	µg/L	108	11	25.0	70 - 130
Trichloroethene	<0.50	20	20.6	µg/L	103	12	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	98	70 - 125
Dibromofluoromethane	104	70 - 125
Toluene-d8	96.9	70 - 125

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

QC Batch ID: WMS1050626

Reviewed by: MaiChiTu - 06/27/05

QC Batch ID Analysis Date: 6/26/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<25	120	160	µg/L	128	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	105	70 - 125
Dibromofluoromethane	94.8	70 - 125
Toluene-d8	102	70 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	120	148	µg/L	118	7.8	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	105	70 - 125
Dibromofluoromethane	92.3	70 - 125
Toluene-d8	103	70 - 125

Entech Analytical Labs, Inc.

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

Chain of Custody / Analysis Request

2 of 2

Attention to: BREST WHEELER	Phone No.: 415 512 1555	Purchase Order No.:	Invoice to: (If Different)	Phone:
Company Name: GOLDEN GATE TASK REMOVAL	Fax No.: 415 512 0964	Project No.: 7335	Company:	Quote No.:
Mailing Address: 255 SHAWBURY ST.	Email Address: DATA@CGTR.COM	Project Name: SHEAFF'S GARAGE	Billing Address: (If Different)	
City: SAN FRANCISCO	State: CA	Zip Code: 94107	Project Location: 5930 COLLEGE AVE.	City: State: Zip:

Sampler	Field Org. Code:	Turn Around Time		Matrix	No. of Containers	GC/MS Methods		GC Methods		General Chemistry		Remarks																
		<input type="checkbox"/> Same Day	<input type="checkbox"/> 1 Day			<input type="checkbox"/> 2 Day	<input type="checkbox"/> 3 Day	<input type="checkbox"/> 4 Day	<input checked="" type="checkbox"/> 5 Day	<input type="checkbox"/> 10 Day	EPA 8260B		BTEX	5 Oxygenates (MTBE, TBA, ETBA, DIBP, TAME)	Lead Scavengers (1,2-DCA & EDB)	Base/Neutral/Acid Organics	TPH Extractable: Diesel	Motor Oil	PCBs - 8082	Methanol by 8015M	ANIONS	pH	TSS	SC	TOC	NO3	NO2	PO4
BAL																												
Global ID: 70600102112																												
Order ID: 44112																												
Client ID / Field Point	Lab. No.	Date	Time	Matrix	No. of Containers	EPA 8260B	BTEX	5 Oxygenates (MTBE, TBA, ETBA, DIBP, TAME)	Lead Scavengers (1,2-DCA & EDB)	Base/Neutral/Acid Organics	TPH Extractable: Diesel	Motor Oil	PCBs - 8082	Methanol by 8015M	ANIONS	pH	TSS	SC	TOC	NO3	NO2	PO4	Metals - Circle Below	Total Dissolved	STLC	ICLCP	Remarks	
B23-4	-001	6/23/05	10:25	S			X				X																	
B23-10	-002		10:30			X	X				X		X															
B23-11.5	-003		10:30				X				X																	
B23-15	-004		10:40				X				X																	
B23-17	-005		10:45				X				X																	
B23-19.5	-006		10:45				X				X																	
B23-26.5	-007		10:50				X				X																	
B21-W	-008	X		W	8	X	X				X		X															

Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Date: 6/23/05	Time: 1444	Special Instructions or Comments <input type="checkbox"/> EDD Report <input type="checkbox"/> EDF Report <input checked="" type="checkbox"/> Plating <input checked="" type="checkbox"/> LUFT-5 <input checked="" type="checkbox"/> RCRA-8 <input type="checkbox"/> PPM-13 <input type="checkbox"/> CAM-17
Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Date: 6/23/05	Time: 1645	
Relinquished by:	Received by:	Date:	Time:	

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: 44322

Issued: 08/30/2006

Project Number: T0600102112

Project Name: 7335 Sheaff's Garage

Project Location: 5930 College Ave/Oakland,CA

Global ID: T0600102112

Certificate of Analysis-Revision

Note: This is a revision of the original report issued on July 11,2005 for the addition of ethanol results to sample 44322-001.

On July 11, 2005, samples were received under chain of custody for analysis.

Entech analyzes samples "as received" unless otherwise noted. The following results are included:

<u>Matrix</u>	<u>Test</u>	<u>Comments</u>
Liquid	Electronic Deliverables for Geotracker Oil & Grease: EPA 413.2 Dissolved Metals by ICP: EPA 3010A / EPA 6010B for Groundwater and Water - EPA 200.7 for Wastewater ICP Metals: EPA 3010A / EPA 6010B for Groundwater and Water - EPA 200.7 for Wastewater TPH-Extractable: EPA 3510C / EPA 8015B VOCs: EPA 5030C / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater VOCs: EPA 8260B TPH-Purgeable: 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 Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 07/11/2005
Sample Collected by: client

Lab # : 44322-001 Sample ID: B23-W Matrix: Liquid Sample Date: 7/11/2005 10:15 AM

VOCs: EPA 5030C / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,1,1-Trichloroethane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,1,2,2-Tetrachloroethane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,1,2-Trichloroethane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,1-Dichloroethane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,1-Dichloroethene	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,1-Dichloropropene	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,2,3-Trichlorobenzene	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,2,3-Trichloropropane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,2,4-Trichlorobenzene	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,2,4-Trimethylbenzene	320		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,2-Dibromo-3-Chloropropane	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,2-Dibromoethane (EDB)	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,2-Dichlorobenzene	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,2-Dichloroethane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,2-Dichloropropane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,3,5-Trimethylbenzene	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,3-Dichlorobenzene	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,3-Dichloropropane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,4-Dichlorobenzene	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
1,4-Dioxane	ND		50	2500	µg/L	N/A	N/A	7/12/2005	WMS2050712
2,2-Dichloropropane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
2-Butanone (MEK)	ND		50	1000	µg/L	N/A	N/A	7/12/2005	WMS2050712
2-Chloroethyl-vinyl Ether	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
2-Chlorotoluene	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
2-Hexanone	ND		50	1000	µg/L	N/A	N/A	7/12/2005	WMS2050712
4-Chlorotoluene	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
4-Methyl-2-Pentanone(MIBK)	ND		50	1000	µg/L	N/A	N/A	7/12/2005	WMS2050712
Acetone	ND		50	1000	µg/L	N/A	N/A	7/12/2005	WMS2050712
Acetonitrile	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
Acrolein	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
Acrylonitrile	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
Benzene	2200		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Benzyl Chloride	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
Bromobenzene	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Bromochloromethane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Bromodichloromethane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Bromoform	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Bromomethane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Carbon Disulfide	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Carbon Tetrachloride	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Chlorobenzene	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Chloroethane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Chloroform	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Chloromethane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

Qual = Data Qualifier

8/30/2006 10:55:28 AM - ECunniffe

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 Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 07/11/2005
Sample Collected by: client

Lab # : 44322-001 Sample ID: B23-W

Matrix: Liquid Sample Date: 7/11/2005 10:15 AM

VOCs: EPA 5030C / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
cis-1,3-Dichloropropene	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Cyclohexanone	ND		50	1000	µg/L	N/A	N/A	7/12/2005	WMS2050712
Dibromochloromethane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Dibromomethane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Dichlorodifluoromethane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Diisopropyl Ether	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
Ethyl Benzene	450		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Freon 113	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
Hexachlorobutadiene	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
Iodomethane	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
Isopropanol	ND		50	1000	µg/L	N/A	N/A	7/12/2005	WMS2050712
Isopropylbenzene	ND		50	50	µg/L	N/A	N/A	7/12/2005	WMS2050712
Methyl-t-butyl Ether	880		50	50	µg/L	N/A	N/A	7/12/2005	WMS2050712
Methylene Chloride	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
n-Butylbenzene	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
n-Propylbenzene	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
Naphthalene	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
p-Isopropyltoluene	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
Pentachloroethane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
sec-Butylbenzene	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
Styrene	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
tert-Amyl Methyl Ether	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
tert-Butanol (TBA)	ND		50	500	µg/L	N/A	N/A	7/12/2005	WMS2050712
tert-Butyl Ethyl Ether	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
tert-Butylbenzene	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
Tetrachloroethene	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Tetrahydrofuran	ND		50	1000	µg/L	N/A	N/A	7/12/2005	WMS2050712
Toluene	2600		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
trans-1,2-Dichloroethene	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
trans-1,3-Dichloropropene	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
trans-1,4-Dichloro-2-butene	ND		50	50	µg/L	N/A	N/A	7/12/2005	WMS2050712
Trichloroethene	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Trichlorofluoromethane	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Vinyl Acetate	ND		50	250	µg/L	N/A	N/A	7/12/2005	WMS2050712
Vinyl Chloride	ND		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Xylenes, Total	3000		50	25	µg/L	N/A	N/A	7/12/2005	WMS2050712
Ethanol	ND		50	5000	µg/L	N/A	N/A	7/12/2005	WMS2050712

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	118	60 - 130
Dibromofluoromethane	115	60 - 130
Toluene-d8	110	60 - 130

Analyzed by: TAF
Reviewed by: bdhabalia

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 Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 07/11/2005
Sample Collected by: client

Lab # : 44322-001 Sample ID: B23-W Matrix: Liquid Sample Date: 7/11/2005 10:15 AM

ICP Metals: EPA 3010A / EPA 6010B for Groundwater and Water - EPA 200.7 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Cadmium	ND		1.0	0.0020	mg/L	7/12/2005	WM050712	7/12/2005	WM050712
Chromium	ND		1.0	0.0050	mg/L	7/12/2005	WM050712	7/12/2005	WM050712
Lead	0.010		1.0	0.0050	mg/L	7/12/2005	WM050712	7/12/2005	WM050712
Nickel	0.013		1.0	0.0050	mg/L	7/12/2005	WM050712	7/12/2005	WM050712
Zinc	0.032		1.0	0.010	mg/L	7/12/2005	WM050712	7/12/2005	WM050712

Analyzed by: Equeja
Reviewed by: dqueja

Dissolved Metals by ICP: EPA 3010A / EPA 6010B for Groundwater and Water - EPA 200.7 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Cadmium	ND		1.0	0.0020	mg/L	7/13/2005	WM050713	7/14/2005	WM050713
Chromium	ND		1.0	0.0050	mg/L	7/13/2005	WM050713	7/14/2005	WM050713
Lead	ND		1.0	0.0050	mg/L	7/13/2005	WM050713	7/14/2005	WM050713
Nickel	0.011		1.0	0.0050	mg/L	7/13/2005	WM050713	7/14/2005	WM050713
Zinc	0.030		1.0	0.010	mg/L	7/13/2005	WM050713	7/14/2005	WM050713

Sample was filtered and preserved in the lab upon receipt.

Analyzed by: Equeja
Reviewed by: dqueja

Oil & Grease: EPA 413.2

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Oil and Grease, Total	9.2		1.0	5.0	mg/L	7/12/2005	WOGIR050712	7/12/2005	WOGIR050712

Sample was preserved in H2SO4.

Analyzed by: Jisiderio
Reviewed by: RLAZARO

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	21000		50	1200	µg/L	N/A	N/A	7/12/2005	WMS2050712

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	109	60 - 130
Dibromofluoromethane	102	60 - 130
Toluene-d8	96.1	60 - 130

Analyzed by: TAF
Reviewed by: bdhabalia

TPH-Extractable: EPA 3510C / EPA 8015B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	1800		1.0	67	µg/L	7/12/2005	DW050712	7/13/2005	DW050712
Higher boiling gasoline compounds mixed with Diesel (C8-C36).									
TPH as Motor Oil	ND		1.0	270	µg/L	7/12/2005	DW050712	7/13/2005	DW050712
TPH as Kerosene	ND		1.0	67	µg/L	7/12/2005	DW050712	7/13/2005	DW050712
TPH as Mineral Spirits (Stoddard)	ND		1.0	67	µg/L	7/12/2005	DW050712	7/13/2005	DW050712

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	63.6	22 - 133

Analyzed by: JH
Reviewed by: dba

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

Qual = Data Qualifier

8/30/2006 10:55:28 AM - ECunniffe

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 Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 07/11/2005
Sample Collected by: client

Lab # : 44322-002

Sample ID: HB-3-W

Matrix: Liquid Sample Date: 7/11/2005 8:00 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	690		20	10	µg/L	N/A	N/A	7/13/2005	WMS2050713
Toluene	21		20	10	µg/L	N/A	N/A	7/13/2005	WMS2050713
Ethyl Benzene	1200		20	10	µg/L	N/A	N/A	7/13/2005	WMS2050713
Xylenes, Total	190		20	10	µg/L	N/A	N/A	7/13/2005	WMS2050713
Methyl-t-butyl Ether	ND		20	20	µg/L	N/A	N/A	7/13/2005	WMS2050713
tert-Butyl Ethyl Ether	ND		20	100	µg/L	N/A	N/A	7/13/2005	WMS2050713
tert-Butanol (TBA)	ND		20	200	µg/L	N/A	N/A	7/13/2005	WMS2050713
Diisopropyl Ether	ND		20	100	µg/L	N/A	N/A	7/13/2005	WMS2050713
tert-Amyl Methyl Ether	ND		20	100	µg/L	N/A	N/A	7/13/2005	WMS2050713
1,2-Dichloroethane	ND		20	10	µg/L	N/A	N/A	7/13/2005	WMS2050713
1,2-Dibromoethane (EDB)	ND		20	10	µg/L	N/A	N/A	7/13/2005	WMS2050713
Ethanol	ND		20	2000	µg/L	N/A	N/A	7/13/2005	WMS2050713

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	114	60 - 130
Dibromofluoromethane	109	60 - 130
Toluene-d8	116	60 - 130

Analyzed by: TAF

Reviewed by: bdhabalia

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	13000		20	500	µg/L	N/A	N/A	7/13/2005	WMS2050713

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	106	60 - 130
Dibromofluoromethane	96.4	60 - 130
Toluene-d8	101	60 - 130

Analyzed by: TAF

Reviewed by: bdhabalia

Entech Analytical Labs, Inc.

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

Project Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 07/11/2005

Sample Collected by: client

Lab # : 44322-003

Sample ID: HB-4-W

Matrix: Liquid Sample Date: 7/11/2005 8:30 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	13		20	10	µg/L	N/A	N/A	7/14/2005	WMS2050714
Toluene	ND		20	10	µg/L	N/A	N/A	7/14/2005	WMS2050714
Ethyl Benzene	10		20	10	µg/L	N/A	N/A	7/14/2005	WMS2050714
Xylenes, Total	ND		20	10	µg/L	N/A	N/A	7/14/2005	WMS2050714
Methyl-t-butyl Ether	ND		20	20	µg/L	N/A	N/A	7/14/2005	WMS2050714
tert-Butyl Ethyl Ether	ND		20	100	µg/L	N/A	N/A	7/14/2005	WMS2050714
tert-Butanol (TBA)	ND		20	200	µg/L	N/A	N/A	7/14/2005	WMS2050714
Diisopropyl Ether	ND		20	100	µg/L	N/A	N/A	7/14/2005	WMS2050714
tert-Amyl Methyl Ether	ND		20	100	µg/L	N/A	N/A	7/14/2005	WMS2050714
1,2-Dichloroethane	ND		20	10	µg/L	N/A	N/A	7/14/2005	WMS2050714
1,2-Dibromoethane (EDB)	ND		20	10	µg/L	N/A	N/A	7/14/2005	WMS2050714
Ethanol	ND		20	2000	µg/L	N/A	N/A	7/14/2005	WMS2050714

Surrogate

Surrogate Recovery

Control Limits (%)

Analyzed by: TAF

4-Bromofluorobenzene
Dibromofluoromethane
Toluene-d8

115
110
113

60 - 130
60 - 130
60 - 130

Reviewed by: bdhabalia

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	14000		20	500	µg/L	N/A	N/A	7/14/2005	WMS2050714

Surrogate

Surrogate Recovery

Control Limits (%)

Analyzed by: TAF

4-Bromofluorobenzene
Dibromofluoromethane
Toluene-d8

104
97.8
98.7

60 - 130
60 - 130
60 - 130

Reviewed by: bdhabalia

Entech Analytical Labs, Inc.

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

Project Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 07/11/2005

Sample Collected by: client

Lab # : 44322-004

Sample ID: HB-6-W

Matrix: Liquid Sample Date: 7/11/2005 9:00 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	7/13/2005	WMS2050713
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	7/13/2005	WMS2050713
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	7/13/2005	WMS2050713
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	7/13/2005	WMS2050713
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	7/13/2005	WMS2050713
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	7/13/2005	WMS2050713
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	7/13/2005	WMS2050713
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	7/13/2005	WMS2050713
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	7/13/2005	WMS2050713
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	7/13/2005	WMS2050713
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	7/13/2005	WMS2050713
Ethanol	ND		1.0	100	µg/L	N/A	N/A	7/13/2005	WMS2050713

Surrogate

Surrogate Recovery

Control Limits (%)

Analyzed by: TAF

4-Bromofluorobenzene	114		60	-	130
Dibromofluoromethane	106		60	-	130
Toluene-d8	115		60	-	130

Reviewed by: bdhabalia

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	45		1.0	25	µg/L	N/A	N/A	7/13/2005	WMS2050713

Surrogate

Surrogate Recovery

Control Limits (%)

Analyzed by: TAF

4-Bromofluorobenzene	105		60	-	130
Dibromofluoromethane	94.2		60	-	130
Toluene-d8	100		60	-	130

Reviewed by: bdhabalia

Entech Analytical Labs, Inc.

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

Method Blank - Liquid - VOCs: EPA 5030C / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WMS2050712

Validated by: bdhabalia - 07/15/05

QC Batch Analysis Date: 7/12/2005

Parameter	Result	DF	PQLR	Units
1,1,1,2-Tetrachloroethane	ND	1	0.50	µg/L
1,1,1-Trichloroethane	ND	1	0.50	µg/L
1,1,2,2-Tetrachloroethane	ND	1	0.50	µg/L
1,1,2-Trichloroethane	ND	1	0.50	µg/L
1,1-Dichloroethane	ND	1	0.50	µg/L
1,1-Dichloroethene	ND	1	0.50	µg/L
1,1-Dichloropropene	ND	1	0.50	µg/L
1,2,3-Trichlorobenzene	ND	1	5.0	µg/L
1,2,3-Trichloropropane	ND	1	0.50	µg/L
1,2,4-Trichlorobenzene	ND	1	5.0	µg/L
1,2,4-Trimethylbenzene	ND	1	5.0	µg/L
1,2-Dibromo-3-Chloropropane	ND	1	5.0	µg/L
1,2-Dibromoethane (EDB)	ND	1	0.50	µg/L
1,2-Dichlorobenzene	ND	1	0.50	µg/L
1,2-Dichloroethane	ND	1	0.50	µg/L
1,2-Dichloropropane	ND	1	0.50	µg/L
1,3,5-Trimethylbenzene	ND	1	5.0	µg/L
1,3-Dichlorobenzene	ND	1	0.50	µg/L
1,3-Dichloropropane	ND	1	0.50	µg/L
1,4-Dichlorobenzene	ND	1	0.50	µg/L
1,4-Dioxane	ND	1	50	µg/L
2,2-Dichloropropane	ND	1	0.50	µg/L
2-Butanone (MEK)	ND	1	20	µg/L
2-Chloroethyl-vinyl Ether	ND	1	5.0	µg/L
2-Chlorotoluene	ND	1	5.0	µg/L
2-Hexanone	ND	1	20	µg/L
4-Chlorotoluene	ND	1	5.0	µg/L
4-Methyl-2-Pentanone(MIBK)	ND	1	20	µg/L
Acetone	ND	1	20	µg/L
Acetonitrile	ND	1	5.0	µg/L
Acrolein	ND	1	5.0	µg/L
Acrylonitrile	ND	1	5.0	µg/L
Benzene	ND	1	0.50	µg/L
Benzyl Chloride	ND	1	5.0	µg/L
Bromobenzene	ND	1	0.50	µg/L
Bromochloromethane	ND	1	0.50	µg/L
Bromodichloromethane	ND	1	0.50	µg/L
Bromoform	ND	1	0.50	µg/L
Bromomethane	ND	1	0.50	µg/L
Carbon Disulfide	ND	1	0.50	µg/L
Carbon Tetrachloride	ND	1	0.50	µg/L
Chlorobenzene	ND	1	0.50	µg/L
Chloroethane	ND	1	0.50	µg/L
Chloroform	ND	1	0.50	µg/L
Chloromethane	ND	1	0.50	µg/L
cis-1,2-Dichloroethene	ND	1	0.50	µg/L
cis-1,3-Dichloropropene	ND	1	0.50	µg/L
Cyclohexanone	ND	1	20	µg/L
Dibromochloromethane	ND	1	0.50	µg/L

Entech Analytical Labs, Inc.

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Method Blank - Liquid - VOCs: EPA 5030C / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WMS2050712

Validated by: bdhabalia - 07/15/05

QC Batch Analysis Date: 7/12/2005

Parameter	Result	DF	PQLR	Units
Dibromomethane	ND	1	0.50	µg/L
Dichlorodifluoromethane	ND	1	0.50	µg/L
Diisopropyl Ether	ND	1	5.0	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Freon 113	ND	1	5.0	µg/L
Hexachlorobutadiene	ND	1	5.0	µg/L
Iodomethane	ND	1	5.0	µg/L
Isopropanol	ND	1	20	µg/L
Isopropylbenzene	ND	1	1.0	µg/L
Methylene Chloride	ND	1	5.0	µg/L
Methyl-t-butyl Ether	ND	1	1.0	µg/L
Naphthalene	ND	1	5.0	µg/L
n-Butylbenzene	ND	1	5.0	µg/L
n-Propylbenzene	ND	1	5.0	µg/L
Pentachloroethane	ND	1	0.50	µg/L
p-Isopropyltoluene	ND	1	5.0	µg/L
sec-Butylbenzene	ND	1	5.0	µg/L
Styrene	ND	1	0.50	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
tert-Butylbenzene	ND	1	5.0	µg/L
Tetrachloroethene	ND	1	0.50	µg/L
Tetrahydrofuran	ND	1	20	µg/L
Toluene	ND	1	0.50	µg/L
trans-1,2-Dichloroethene	ND	1	0.50	µg/L
trans-1,3-Dichloropropene	ND	1	0.50	µg/L
trans-1,4-Dichloro-2-butene	ND	1	1.0	µg/L
Trichloroethene	ND	1	0.50	µg/L
Trichlorofluoromethane	ND	1	0.50	µg/L
Vinyl Acetate	ND	1	5.0	µg/L
Vinyl Chloride	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	112	70 - 125
Dibromofluoromethane	108	70 - 125
Toluene-d8	111	70 - 125

Method Blank - Liquid - TPH-Purgeable: GC/MS

QC Batch ID: WMS2050712

Validated by: bdhabalia - 07/15/05

QC Batch Analysis Date: 7/12/2005

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

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	104	60 - 130
Dibromofluoromethane	95.4	60 - 130
Toluene-d8	96.6	60 - 130

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LCS / LCSD - Liquid - VOCs: EPA 5030C / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WMS2050712

Reviewed by: bdhabalia - 07/15/05

QC Batch ID Analysis Date: 7/12/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	18.7	µg/L	93.4	70 - 130
Benzene	<0.50	20	19.9	µg/L	99.4	70 - 130
Chlorobenzene	<0.50	20	18.5	µg/L	92.7	70 - 130
Methyl-t-butyl Ether	<1.0	20	19.8	µg/L	98.8	70 - 130
Toluene	<0.50	20	19.0	µg/L	95.0	70 - 130
Trichloroethene	<0.50	20	19.9	µg/L	99.5	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	112.0	60 - 130
Dibromofluoromethane	109.0	60 - 130
Toluene-d8	109.0	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.50	20	17.6	µg/L	88.2	5.7	25.0	70 - 130
Benzene	<0.50	20	18.9	µg/L	94.5	5.0	25.0	70 - 130
Chlorobenzene	<0.50	20	17.6	µg/L	88.2	5.0	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	18.3	µg/L	91.5	7.7	25.0	70 - 130
Toluene	<0.50	20	18.2	µg/L	90.9	4.4	25.0	70 - 130
Trichloroethene	<0.50	20	19.0	µg/L	95.0	4.7	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	110.0	60 - 130
Dibromofluoromethane	109.0	60 - 130
Toluene-d8	110.0	60 - 130

LCS / LCSD - Liquid - TPH-Purgeable: GC/MS

QC Batch ID: WMS2050712

Reviewed by: bdhabalia - 07/15/05

QC Batch ID Analysis Date: 7/12/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<25	250	278	µg/L	111	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	106.0	60 - 130
Dibromofluoromethane	97.7	60 - 130
Toluene-d8	96.6	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	250	281	µg/L	113	1.3	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	104.0	60 - 130
Dibromofluoromethane	97.5	60 - 130
Toluene-d8	96.6	60 - 130

Entech Analytical Labs, Inc.

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

Method Blank - Liquid - VOCs: EPA 8260B

QC Batch ID: WMS2050713

Validated by: bdhabalia - 07/15/05

QC Batch Analysis Date: 7/13/2005

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	117	60 - 130
Dibromofluoromethane	109	60 - 130
Toluene-d8	115	60 - 130

Method Blank - Liquid - TPH-Purgeable: GC/MS

QC Batch ID: WMS2050713

Validated by: bdhabalia - 07/15/05

QC Batch Analysis Date: 7/13/2005

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

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	108	60 - 130
Dibromofluoromethane	96.4	60 - 130
Toluene-d8	100	60 - 130

Entech Analytical Labs, Inc.

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

LCS / LCSD - Liquid - VOCs: EPA 8260B

QC Batch ID: WMS2050713

Reviewed by: bdhabalia - 07/15/05

QC Batch ID Analysis Date: 7/13/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	16.9	µg/L	84.6	70 - 130
Benzene	<0.50	20	18.3	µg/L	91.5	70 - 130
Chlorobenzene	<0.50	20	17.7	µg/L	88.6	70 - 130
Methyl-t-butyl Ether	<1.0	20	17.1	µg/L	85.7	70 - 130
Toluene	<0.50	20	18.5	µg/L	92.6	70 - 130
Trichloroethene	<0.50	20	18.6	µg/L	93.1	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	113.0	60 - 130
Dibromofluoromethane	106.0	60 - 130
Toluene-d8	114.0	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.50	20	17.5	µg/L	87.3	3.2	25.0	70 - 130
Benzene	<0.50	20	19.4	µg/L	97.0	5.8	25.0	70 - 130
Chlorobenzene	<0.50	20	18.6	µg/L	93.0	4.9	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	18.7	µg/L	93.3	8.5	25.0	70 - 130
Toluene	<0.50	20	19.5	µg/L	97.4	5.1	25.0	70 - 130
Trichloroethene	<0.50	20	19.6	µg/L	97.8	4.9	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	113.0	60 - 130
Dibromofluoromethane	106.0	60 - 130
Toluene-d8	114.0	60 - 130

LCS / LCSD - Liquid - TPH-Purgeable: GC/MS

QC Batch ID: WMS2050713

Reviewed by: bdhabalia - 07/15/05

QC Batch ID Analysis Date: 7/13/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<25	250	278	µg/L	111	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	107.0	60 - 130
Dibromofluoromethane	96.1	60 - 130
Toluene-d8	100.0	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	250	285	µg/L	114	2.6	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	107.0	60 - 130
Dibromofluoromethane	96.5	60 - 130
Toluene-d8	100.0	60 - 130

Entech Analytical Labs, Inc.

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

Method Blank - Liquid - VOCs: EPA 8260B

QC Batch ID: WMS2050714

Validated by: bdhabalia - 07/15/05

QC Batch Analysis Date: 7/14/2005

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	113	60 - 130
Dibromofluoromethane	110	60 - 130
Toluene-d8	114	60 - 130

Method Blank - Liquid - TPH-Purgeable: GC/MS

QC Batch ID: WMS2050714

Validated by: bdhabalia - 07/15/05

QC Batch Analysis Date: 7/14/2005

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

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	105	60 - 130
Dibromofluoromethane	97.0	60 - 130
Toluene-d8	99.4	60 - 130

Entech Analytical Labs, Inc.

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

LCS / LCSD - Liquid - VOCs: EPA 8260B

QC Batch ID: WMS2050714

Reviewed by: bdhabalia - 07/15/05

QC Batch ID Analysis Date: 7/14/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	18.0	µg/L	90.0	70 - 130
Benzene	<0.50	20	18.1	µg/L	90.7	70 - 130
Chlorobenzene	<0.50	20	17.9	µg/L	89.3	70 - 130
Methyl-t-butyl Ether	<1.0	20	20.2	µg/L	101	70 - 130
Toluene	<0.50	20	19.1	µg/L	95.7	70 - 130
Trichloroethene	<0.50	20	18.5	µg/L	92.7	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	113.0	60 - 130
Dibromofluoromethane	116.0	60 - 130
Toluene-d8	112.0	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.50	20	18.3	µg/L	91.6	1.8	25.0	70 - 130
Benzene	<0.50	20	19.2	µg/L	96.2	5.9	25.0	70 - 130
Chlorobenzene	<0.50	20	19.2	µg/L	96.0	7.2	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	20.6	µg/L	103	2.0	25.0	70 - 130
Toluene	<0.50	20	19.6	µg/L	97.8	2.2	25.0	70 - 130
Trichloroethene	<0.50	20	19.7	µg/L	98.6	6.1	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	113.0	60 - 130
Dibromofluoromethane	111.0	60 - 130
Toluene-d8	112.0	60 - 130

LCS / LCSD - Liquid - TPH-Purgeable: GC/MS

QC Batch ID: WMS2050714

Reviewed by: bdhabalia - 07/15/05

QC Batch ID Analysis Date: 7/14/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<25	250	239	µg/L	95.5	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	105.0	60 - 130
Dibromofluoromethane	99.8	60 - 130
Toluene-d8	101.0	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	250	236	µg/L	94.4	1.2	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	105.0	60 - 130
Dibromofluoromethane	96.9	60 - 130
Toluene-d8	98.8	60 - 130

Entech Analytical Labs, Inc.

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

LCS / LCSD - Liquid - ICP Metals: EPA 3010A / EPA 6010B for Groundwater and Water - EPA 200.7 for Wastewater

QC Batch ID: WM050712

Reviewed by: Dqueja - 07/12/05

QC/Prep Date: 7/12/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Antimony	<0.010	0.50	0.584	mg/L	117	75 - 125
Arsenic	<0.010	0.50	0.558	mg/L	112	75 - 125
Barium	<0.0050	0.50	0.622	mg/L	124	75 - 125
Beryllium	<0.0050	0.50	0.528	mg/L	106	75 - 125
Cadmium	<0.0020	0.50	0.521	mg/L	104	75 - 125
Chromium	<0.0050	0.50	0.523	mg/L	105	75 - 125
Cobalt	<0.0050	0.50	0.538	mg/L	108	75 - 125
Copper	<0.0050	0.50	0.521	mg/L	104	75 - 125
Lead	<0.0050	0.50	0.537	mg/L	107	75 - 125
Molybdenum	<0.0050	0.50	0.541	mg/L	108	75 - 125
Nickel	<0.0050	0.50	0.528	mg/L	106	75 - 125
Selenium	<0.020	0.50	0.552	mg/L	110	75 - 125
Silver	<0.0050	0.50	0.610	mg/L	122	75 - 125
Thallium	<0.020	0.50	0.514	mg/L	103	75 - 125
Tin	<0.050	1.0	1.15	mg/L	115	75 - 125
Titanium	<0.0020	0.50	0.525	mg/L	105	75 - 125
Vanadium	<0.0050	0.50	0.523	mg/L	105	75 - 125
Zinc	<0.010	0.50	0.552	mg/L	110	75 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Antimony	<0.010	0.50	0.569	mg/L	114	2.6	25.0	75 - 125
Arsenic	<0.010	0.50	0.552	mg/L	110	1.1	25.0	75 - 125
Barium	<0.0050	0.50	0.597	mg/L	119	4.1	25.0	75 - 125
Beryllium	<0.0050	0.50	0.525	mg/L	105	0.57	25.0	75 - 125
Cadmium	<0.0020	0.50	0.513	mg/L	103	1.5	25.0	75 - 125
Chromium	<0.0050	0.50	0.516	mg/L	103	1.3	25.0	75 - 125
Cobalt	<0.0050	0.50	0.530	mg/L	106	1.5	25.0	75 - 125
Copper	<0.0050	0.50	0.510	mg/L	102	2.1	25.0	75 - 125
Lead	<0.0050	0.50	0.531	mg/L	106	1.1	25.0	75 - 125
Molybdenum	<0.0050	0.50	0.536	mg/L	107	0.93	25.0	75 - 125
Nickel	<0.0050	0.50	0.521	mg/L	104	1.3	25.0	75 - 125
Selenium	<0.020	0.50	0.543	mg/L	109	1.6	25.0	75 - 125
Silver	<0.0050	0.50	0.585	mg/L	117	4.1	25.0	75 - 125
Thallium	<0.020	0.50	0.512	mg/L	102	0.39	25.0	75 - 125
Tin	<0.050	1.0	1.13	mg/L	113	1.4	25.0	75 - 125
Titanium	<0.0020	0.50	0.516	mg/L	103	1.7	25.0	75 - 125
Vanadium	<0.0050	0.50	0.513	mg/L	103	1.9	25.0	75 - 125
Zinc	<0.010	0.50	0.546	mg/L	109	1.1	25.0	75 - 125

Entech Analytical Labs, Inc.

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

LCS / LCSD - Liquid - Dissolved Metals by ICP: EPA 3010A / EPA 6010B for Groundwater and Water - EPA 200.7 for Wastewater

QC Batch ID: WM050713

Reviewed by: dqueja - 07/14/05

QC/Prep Date: 7/13/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Antimony	<0.010	0.50	0.532	mg/L	106	75 - 125
Arsenic	<0.010	0.50	0.538	mg/L	108	75 - 125
Barium	<0.0050	0.50	0.551	mg/L	110	75 - 125
Beryllium	<0.0050	0.50	0.507	mg/L	101	75 - 125
Cadmium	<0.0020	0.50	0.506	mg/L	101	75 - 125
Chromium	<0.0050	0.50	0.502	mg/L	100	75 - 125
Cobalt	<0.0050	0.50	0.520	mg/L	104	75 - 125
Copper	<0.0050	0.50	0.497	mg/L	99.4	75 - 125
Iron	<0.050	0.50	0.523	mg/L	105	75 - 125
Lead	<0.0050	0.50	0.518	mg/L	104	75 - 125
Molybdenum	<0.0050	0.50	0.516	mg/L	103	75 - 125
Nickel	<0.0050	0.50	0.509	mg/L	102	75 - 125
Selenium	<0.020	0.50	0.544	mg/L	109	75 - 125
Silver	<0.0050	0.50	0.573	mg/L	115	75 - 125
Thallium	<0.020	0.50	0.504	mg/L	101	75 - 125
Tin	<0.050	1.0	0.999	mg/L	99.9	75 - 125
Titanium	<0.0020	0.50	0.504	mg/L	101	75 - 125
Vanadium	<0.0050	0.50	0.499	mg/L	99.8	75 - 125
Zinc	<0.010	0.50	0.536	mg/L	107	75 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Antimony	<0.010	0.50	0.542	mg/L	108	1.9	25.0	75 - 125
Arsenic	<0.010	0.50	0.545	mg/L	109	1.3	25.0	75 - 125
Barium	<0.0050	0.50	0.561	mg/L	112	1.8	25.0	75 - 125
Beryllium	<0.0050	0.50	0.506	mg/L	101	0.20	25.0	75 - 125
Cadmium	<0.0020	0.50	0.510	mg/L	102	0.79	25.0	75 - 125
Chromium	<0.0050	0.50	0.510	mg/L	102	1.6	25.0	75 - 125
Cobalt	<0.0050	0.50	0.524	mg/L	105	0.77	25.0	75 - 125
Copper	<0.0050	0.50	0.503	mg/L	101	1.2	25.0	75 - 125
Iron	<0.050	0.50	0.528	mg/L	106	0.95	25.0	75 - 125
Lead	<0.0050	0.50	0.526	mg/L	105	1.5	25.0	75 - 125
Molybdenum	<0.0050	0.50	0.524	mg/L	105	1.5	25.0	75 - 125
Nickel	<0.0050	0.50	0.515	mg/L	103	1.2	25.0	75 - 125
Selenium	<0.020	0.50	0.546	mg/L	109	0.37	25.0	75 - 125
Silver	<0.0050	0.50	0.582	mg/L	116	1.6	25.0	75 - 125
Thallium	<0.020	0.50	0.510	mg/L	102	1.2	25.0	75 - 125
Tin	<0.050	1.0	1.01	mg/L	101	1.1	25.0	75 - 125
Titanium	<0.0020	0.50	0.510	mg/L	102	1.2	25.0	75 - 125
Vanadium	<0.0050	0.50	0.507	mg/L	101	1.6	25.0	75 - 125
Zinc	<0.010	0.50	0.537	mg/L	107	0.19	25.0	75 - 125

Entech Analytical Labs, Inc.

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

LCS / LCSD - Liquid - Oil & Grease: EPA 413.2

QC Batch ID: WOGIR050712

Reviewed by: RLAZARO - 07/12/05

QC/Prep Date: 7/12/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Oil and Grease, Total	<5.0	55	54.2	mg/L	98.2	75 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Oil and Grease, Total	<5.0	55	56.3	mg/L	102	3.8		75 - 125

Entech Analytical Labs, Inc.

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

Method Blank - Liquid - TPH-Extractable: EPA 3510C / EPA 8015B

QC/Prep Batch ID: DW050712

Validated by: dba - 07/13/05

QC/Prep Date: 7/12/2005

Parameter	Result	DF	PQLR	Units
TPH as Diesel	ND	1	67	µg/L
TPH as Kerosene	ND	1	67	µg/L
TPH as Mineral Spirits (Stoddard)	ND	1	67	µg/L
TPH as Motor Oil	ND	1	270	µg/L

Surrogate for Blank	% Recovery	Control Limits
o-Terphenyl	120	22 - 133

LCS / LCSD - Liquid - TPH-Extractable: EPA 3510C / EPA 8015B

QC Batch ID: DW050712

Reviewed by: dba - 07/13/05

QC/Prep Date: 7/12/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<50	1000	932	µg/L	93.2	40 - 138
TPH as Motor Oil	<200	1000	1200	µg/L	120	40 - 138

Surrogate	% Recovery	Control Limits
o-Terphenyl	110.0	22 - 133

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<50	1000	950	µg/L	95.0	2.0	25.0	40 - 138
TPH as Motor Oil	<200	1000	1160	µg/L	116	3.6	25.0	40 - 138

Surrogate	% Recovery	Control Limits
o-Terphenyl	107.0	22 - 133

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: 48991

Issued: 04/21/2006

Project Number: T0600102112

Project Name: 7335 Sheaff's Garage

Global ID: T0600102112

Project Location: 5930 College Ave/Oakland,CA

Certificate of Analysis - Final Report

On April 17, 2006, samples were received under chain of custody for analysis.

Entech analyzes samples "as received" unless otherwise noted. The following results are included:

<u>Matrix</u>	<u>Test</u>	<u>Comments</u>
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 Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 04/17/2006

Sample Collected by: client

Lab #: 48991-001 Sample ID: MW-1

Matrix: Liquid Sample Date: 4/14/2006 4:45 PM

EPA 5030C - EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1,1-Trichloroethane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1,2,2-Tetrachloroethane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1,2-Trichloroethane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1-Dichloroethane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1-Dichloroethene	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1-Dichloropropene	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2,3-Trichlorobenzene	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2,3-Trichloropropane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2,4-Trichlorobenzene	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2,4-Trimethylbenzene	2400		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dibromo-3-Chloropropane	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dibromoethane (EDB)	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dichlorobenzene	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dichloroethane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dichloropropane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
1,3,5-Trimethylbenzene	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
1,3-Dichlorobenzene	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
1,3-Dichloropropane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
1,4-Dichlorobenzene	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
1,4-Dioxane	ND		250	12000	µg/L	N/A	N/A	4/20/2006	WM1060420
2,2-Dichloropropane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
2-Butanone (MEK)	ND		250	5000	µg/L	N/A	N/A	4/20/2006	WM1060420
2-Chloroethyl-vinyl Ether	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
2-Chlorotoluene	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
2-Hexanone	ND		250	5000	µg/L	N/A	N/A	4/20/2006	WM1060420
4-Chlorotoluene	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
4-Methyl-2-Pentanone(MIBK)	ND		250	5000	µg/L	N/A	N/A	4/20/2006	WM1060420
Acetone	ND		250	5000	µg/L	N/A	N/A	4/20/2006	WM1060420
Acetonitrile	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
Acrolein	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
Acrylonitrile	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
Benzene	14000		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Benzyl Chloride	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromobenzene	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromochloromethane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromodichloromethane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromoform	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromomethane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Carbon Disulfide	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Carbon Tetrachloride	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Chlorobenzene	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Chloroethane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Chloroform	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Chloromethane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

Qual = Data Qualifier

4/21/2006 4:27:13 PM - ECunniffe

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

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

Project Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 04/17/2006

Sample Collected by: client

Lab #: 48991-001 Sample ID: MW-1

Matrix: Liquid Sample Date: 4/14/2006 4:45 PM

EPA 5030C - EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
cis-1,3-Dichloropropene	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Cyclohexanone	ND		250	5000	µg/L	N/A	N/A	4/20/2006	WM1060420
Dibromochloromethane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Dibromomethane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Dichlorodifluoromethane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Diisopropyl Ether	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
Ethyl Benzene	3500		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Freon 113	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
Hexachlorobutadiene	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
Iodomethane	ND		250	250	µg/L	N/A	N/A	4/20/2006	WM1060420
Isopropanol	ND		250	5000	µg/L	N/A	N/A	4/20/2006	WM1060420
Isopropylbenzene	ND		250	250	µg/L	N/A	N/A	4/20/2006	WM1060420
Methyl-t-butyl Ether	270		250	250	µg/L	N/A	N/A	4/20/2006	WM1060420
Methylene Chloride	ND		250	5000	µg/L	N/A	N/A	4/20/2006	WM1060420
n-Butylbenzene	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
n-Propylbenzene	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
Naphthalene	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
p-Isopropyltoluene	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
Pentachloroethane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
sec-Butylbenzene	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
Styrene	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
tert-Amyl Methyl Ether	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
tert-Butanol (TBA)	ND		250	2500	µg/L	N/A	N/A	4/20/2006	WM1060420
tert-Butyl Ethyl Ether	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
tert-Butylbenzene	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
Tetrachloroethene	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Tetrahydrofuran	ND		250	5000	µg/L	N/A	N/A	4/20/2006	WM1060420
Toluene	5300		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
trans-1,2-Dichloroethene	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
trans-1,3-Dichloropropene	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
trans-1,4-Dichloro-2-butene	ND		250	250	µg/L	N/A	N/A	4/20/2006	WM1060420
Trichloroethene	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Trichlorofluoromethane	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Vinyl Acetate	ND		250	1200	µg/L	N/A	N/A	4/20/2006	WM1060420
Vinyl Chloride	ND		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420
Xylenes, Total	17000		250	120	µg/L	N/A	N/A	4/20/2006	WM1060420

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.2	60 - 130
Dibromofluoromethane	101	60 - 130
Toluene-d8	94.3	60 - 130

Analyzed by: XBian

Reviewed by: dba

Entech Analytical Labs, Inc.

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

Project Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 04/17/2006
Sample Collected by: client

Lab #: 48991-001 Sample ID: MW-1

Matrix: Liquid Sample Date: 4/14/2006 4:45 PM

EPA 5030C - TPH as Gasoline by GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	51000		250	6200	µg/L	N/A	N/A	4/20/2006	WM1060420

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	89.7	60 - 130
Dibromofluoromethane	91.3	60 - 130
Toluene-d8	89.8	60 - 130

Analyzed by: XBian

Reviewed by: dba

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

Project Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 04/17/2006

Sample Collected by: client

Lab # : 48991-002

Sample ID: MW-2

Matrix: Liquid Sample Date: 4/14/2006 4:10 PM

EPA 5030C - EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1,1-Trichloroethane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1,2,2-Tetrachloroethane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1,2-Trichloroethane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1-Dichloroethane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1-Dichloroethene	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1-Dichloropropene	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2,3-Trichlorobenzene	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2,3-Trichloropropane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2,4-Trichlorobenzene	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2,4-Trimethylbenzene	1200		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dibromo-3-Chloropropane	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dibromoethane (EDB)	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dichlorobenzene	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dichloroethane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dichloropropane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
1,3,5-Trimethylbenzene	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
1,3-Dichlorobenzene	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
1,3-Dichloropropane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
1,4-Dichlorobenzene	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
1,4-Dioxane	ND		100	5000	µg/L	N/A	N/A	4/20/2006	WM1060420
2,2-Dichloropropane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
2-Butanone (MEK)	ND		100	2000	µg/L	N/A	N/A	4/20/2006	WM1060420
2-Chloroethyl-vinyl Ether	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
2-Chlorotoluene	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
2-Hexanone	ND		100	2000	µg/L	N/A	N/A	4/20/2006	WM1060420
4-Chlorotoluene	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
4-Methyl-2-Pentanone(MIBK)	ND		100	2000	µg/L	N/A	N/A	4/20/2006	WM1060420
Acetone	ND		100	2000	µg/L	N/A	N/A	4/20/2006	WM1060420
Acetonitrile	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
Acrolein	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
Acrylonitrile	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
Benzene	4000		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Benzyl Chloride	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromobenzene	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromochloromethane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromodichloromethane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromoform	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromomethane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Carbon Disulfide	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Carbon Tetrachloride	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Chlorobenzene	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Chloroethane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Chloroform	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Chloromethane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

Qual = Data Qualifier

4/21/2006 4:27:14 PM - ECunniffe

Entech Analytical Labs, Inc.

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

Project Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 04/17/2006

Sample Collected by: client

Lab #: 48991-002

Sample ID: MW-2

Matrix: Liquid Sample Date: 4/14/2006 4:10 PM

EPA 5030C - EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
cis-1,3-Dichloropropene	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Cyclohexanone	ND		100	2000	µg/L	N/A	N/A	4/20/2006	WM1060420
Dibromochloromethane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Dibromomethane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Dichlorodifluoromethane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Diisopropyl Ether	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
Ethyl Benzene	2300		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Freon 113	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
Hexachlorobutadiene	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
Iodomethane	ND		100	100	µg/L	N/A	N/A	4/20/2006	WM1060420
Isopropanol	ND		100	2000	µg/L	N/A	N/A	4/20/2006	WM1060420
Isopropylbenzene	ND		100	100	µg/L	N/A	N/A	4/20/2006	WM1060420
Methyl-t-butyl Ether	ND		100	100	µg/L	N/A	N/A	4/20/2006	WM1060420
Methylene Chloride	ND		100	2000	µg/L	N/A	N/A	4/20/2006	WM1060420
n-Butylbenzene	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
n-Propylbenzene	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
Naphthalene	680		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
p-Isopropyltoluene	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
Pentachloroethane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
sec-Butylbenzene	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
Styrene	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
tert-Amyl Methyl Ether	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
tert-Butanol (TBA)	ND		100	1000	µg/L	N/A	N/A	4/20/2006	WM1060420
tert-Butyl Ethyl Ether	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
tert-Butylbenzene	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
Tetrachloroethene	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Tetrahydrofuran	ND		100	2000	µg/L	N/A	N/A	4/20/2006	WM1060420
Toluene	740		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
trans-1,2-Dichloroethene	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
trans-1,3-Dichloropropene	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
trans-1,4-Dichloro-2-butene	ND		100	100	µg/L	N/A	N/A	4/20/2006	WM1060420
Trichloroethene	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Trichlorofluoromethane	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Vinyl Acetate	ND		100	500	µg/L	N/A	N/A	4/20/2006	WM1060420
Vinyl Chloride	ND		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420
Xylenes, Total	5100		100	50	µg/L	N/A	N/A	4/20/2006	WM1060420

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	93.5	60 - 130
Dibromofluoromethane	101	60 - 130
Toluene-d8	91.5	60 - 130

Analyzed by: XBian

Reviewed by: dba

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Golden Gate Tank Removal
255 Shipley Street
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Attn: Brent Wheeler

Project Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 04/17/2006

Sample Collected by: client

Lab #: 48991-002 Sample ID: MW-2

Matrix: Liquid Sample Date: 4/14/2006 4:10 PM

EPA 5030C - TPH as Gasoline by GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	21000		100	2500	µg/L	N/A	N/A	4/20/2006	WM1060420

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	88.1	60 - 130
Dibromofluoromethane	91.3	60 - 130
Toluene-d8	87.1	60 - 130

Analyzed by: XBian

Reviewed by: dba

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

Project Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 04/17/2006

Sample Collected by: client

Lab #: 48991-003

Sample ID: MW-3

Matrix: Liquid Sample Date: 4/14/2006 3:18 PM

EPA 5030C - EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1,1-Trichloroethane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1,2,2-Tetrachloroethane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1,2-Trichloroethane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1-Dichloroethane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1-Dichloroethene	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1-Dichloropropene	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2,3-Trichlorobenzene	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2,3-Trichloropropane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2,4-Trichlorobenzene	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2,4-Trimethylbenzene	120		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dibromo-3-Chloropropane	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dibromoethane (EDB)	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dichlorobenzene	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dichloroethane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dichloropropane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,3,5-Trimethylbenzene	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
1,3-Dichlorobenzene	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,3-Dichloropropane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,4-Dichlorobenzene	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,4-Dioxane	ND		20	1000	µg/L	N/A	N/A	4/20/2006	WM1060420
2,2-Dichloropropane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
2-Butanone (MEK)	ND		20	400	µg/L	N/A	N/A	4/20/2006	WM1060420
2-Chloroethyl-vinyl Ether	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
2-Chlorotoluene	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
2-Hexanone	ND		20	400	µg/L	N/A	N/A	4/20/2006	WM1060420
4-Chlorotoluene	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
4-Methyl-2-Pentanone(MIBK)	ND		20	400	µg/L	N/A	N/A	4/20/2006	WM1060420
Acetone	ND		20	400	µg/L	N/A	N/A	4/20/2006	WM1060420
Acetonitrile	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
Acrolein	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
Acrylonitrile	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
Benzene	760		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Benzyl Chloride	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromobenzene	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromochloromethane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromodichloromethane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromoform	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromomethane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Carbon Disulfide	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Carbon Tetrachloride	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Chlorobenzene	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Chloroethane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Chloroform	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Chloromethane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

Qual = Data Qualifier

4/21/2006 4:27:14 PM - ECunniffe

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Golden Gate Tank Removal
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Attn: Brent Wheeler

Project Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 04/17/2006

Sample Collected by: client

Lab #: 48991-003

Sample ID: MW-3

Matrix: Liquid Sample Date: 4/14/2006 3:18 PM

EPA 5030C - EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
cis-1,3-Dichloropropene	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Cyclohexanone	ND		20	400	µg/L	N/A	N/A	4/20/2006	WM1060420
Dibromochloromethane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Dibromomethane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Dichlorodifluoromethane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Diisopropyl Ether	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
Ethyl Benzene	230		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Freon 113	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
Hexachlorobutadiene	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
Iodomethane	ND		20	20	µg/L	N/A	N/A	4/20/2006	WM1060420
Isopropanol	ND		20	400	µg/L	N/A	N/A	4/20/2006	WM1060420
Isopropylbenzene	ND		20	20	µg/L	N/A	N/A	4/20/2006	WM1060420
Methyl-t-butyl Ether	69		20	20	µg/L	N/A	N/A	4/20/2006	WM1060420
Methylene Chloride	ND		20	400	µg/L	N/A	N/A	4/20/2006	WM1060420
n-Butylbenzene	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
n-Propylbenzene	170		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
Naphthalene	100		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
p-Isopropyltoluene	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
Pentachloroethane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
sec-Butylbenzene	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
Styrene	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
tert-Amyl Methyl Ether	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
tert-Butanol (TBA)	ND		20	200	µg/L	N/A	N/A	4/20/2006	WM1060420
tert-Butyl Ethyl Ether	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
tert-Butylbenzene	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
Tetrachloroethene	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Tetrahydrofuran	ND		20	400	µg/L	N/A	N/A	4/20/2006	WM1060420
Toluene	44		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
trans-1,2-Dichloroethene	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
trans-1,3-Dichloropropene	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
trans-1,4-Dichloro-2-butene	ND		20	20	µg/L	N/A	N/A	4/20/2006	WM1060420
Trichloroethene	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Trichlorofluoromethane	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Vinyl Acetate	ND		20	100	µg/L	N/A	N/A	4/20/2006	WM1060420
Vinyl Chloride	ND		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Xylenes, Total	190		20	10	µg/L	N/A	N/A	4/20/2006	WM1060420

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.6	60 - 130
Dibromofluoromethane	102	60 - 130
Toluene-d8	93.5	60 - 130

Analyzed by: XBian

Reviewed by: dba

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Project Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 04/17/2006
Sample Collected by: client

Lab #: 48991-003 Sample ID: MW-3

Matrix: Liquid Sample Date: 4/14/2006 3:18 PM

EPA 5030C - TPH as Gasoline by GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	5000		20	500	µg/L	N/A	N/A	4/20/2006	WM1060420

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	91.0	60 - 130
Dibromofluoromethane	92.6	60 - 130
Toluene-d8	89.0	60 - 130

Analyzed by: XBian

Reviewed by: dba

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Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 04/17/2006
Sample Collected by: client

Lab #: 48991-004 Sample ID: PW-1

Matrix: Liquid Sample Date: 4/14/2006 1:36 PM

EPA 5030C - EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1,1-Trichloroethane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1,2,2-Tetrachloroethane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1,2-Trichloroethane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1-Dichloroethane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1-Dichloroethene	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
1,1-Dichloropropene	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2,3-Trichlorobenzene	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2,3-Trichloropropane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2,4-Trichlorobenzene	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2,4-Trimethylbenzene	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dibromo-3-Chloropropane	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dibromoethane (EDB)	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dichlorobenzene	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dichloroethane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
1,2-Dichloropropane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
1,3,5-Trimethylbenzene	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
1,3-Dichlorobenzene	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
1,3-Dichloropropane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
1,4-Dichlorobenzene	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
1,4-Dioxane	ND		2.0	100	µg/L	N/A	N/A	4/20/2006	WM1060420
2,2-Dichloropropane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
2-Butanone (MEK)	ND		2.0	40	µg/L	N/A	N/A	4/20/2006	WM1060420
2-Chloroethyl-vinyl Ether	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
2-Chlorotoluene	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
2-Hexanone	ND		2.0	40	µg/L	N/A	N/A	4/20/2006	WM1060420
4-Chlorotoluene	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
4-Methyl-2-Pentanone(MIBK)	ND		2.0	40	µg/L	N/A	N/A	4/20/2006	WM1060420
Acetone	ND		2.0	40	µg/L	N/A	N/A	4/20/2006	WM1060420
Acetonitrile	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Acrolein	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Acrylonitrile	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Benzene	2.3		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Benzyl Chloride	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromobenzene	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromochloromethane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromodichloromethane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromoform	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Bromomethane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Carbon Disulfide	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Carbon Tetrachloride	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Chlorobenzene	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Chloroethane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Chloroform	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Chloromethane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

Qual = Data Qualifier

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GlobalID: T0600102112

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Sample Collected by: client

Lab #: 48991-004 Sample ID: PW-1

Matrix: Liquid Sample Date: 4/14/2006 1:36 PM

EPA 5030C - EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	2.8		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
cis-1,3-Dichloropropene	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Cyclohexanone	ND		2.0	40	µg/L	N/A	N/A	4/20/2006	WM1060420
Dibromochloromethane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Dibromomethane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Dichlorodifluoromethane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Diisopropyl Ether	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Ethyl Benzene	3.5		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Freon 113	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Hexachlorobutadiene	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Iodomethane	ND		2.0	2.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Isopropanol	ND		2.0	40	µg/L	N/A	N/A	4/20/2006	WM1060420
Isopropylbenzene	ND		2.0	2.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Methyl-t-butyl Ether	ND		2.0	2.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Methylene Chloride	ND		2.0	40	µg/L	N/A	N/A	4/20/2006	WM1060420
n-Butylbenzene	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
n-Propylbenzene	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Naphthalene	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
p-Isopropyltoluene	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Pentachloroethane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
sec-Butylbenzene	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Styrene	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
tert-Amyl Methyl Ether	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
tert-Butanol (TBA)	ND		2.0	20	µg/L	N/A	N/A	4/20/2006	WM1060420
tert-Butyl Ethyl Ether	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
tert-Butylbenzene	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Tetrachloroethene	68		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Tetrahydrofuran	ND		2.0	40	µg/L	N/A	N/A	4/20/2006	WM1060420
Toluene	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
trans-1,2-Dichloroethene	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
trans-1,3-Dichloropropene	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
trans-1,4-Dichloro-2-butene	ND		2.0	2.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Trichloroethene	1.1		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Trichlorofluoromethane	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Vinyl Acetate	ND		2.0	10	µg/L	N/A	N/A	4/20/2006	WM1060420
Vinyl Chloride	ND		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420
Xylenes, Total	9.3		2.0	1.0	µg/L	N/A	N/A	4/20/2006	WM1060420

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.9	60 - 130
Dibromofluoromethane	103	60 - 130
Toluene-d8	95.4	60 - 130

Analyzed by: XBian

Reviewed by: dba

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 Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 04/17/2006
Sample Collected by: client

Lab #: 48991-004 Sample ID: PW-1

Matrix: Liquid Sample Date: 4/14/2006 1:36 PM

EPA 5030C - TPH as Gasoline by GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	120		2.0	50	µg/L	N/A	N/A	4/20/2006	WM1060420

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	90.4	60 - 130
Dibromofluoromethane	92.9	60 - 130
Toluene-d8	90.9	60 - 130

Analyzed by: XBian

Reviewed by: dba

Entech Analytical Labs, Inc.

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

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

QC Batch ID: WM1060420

Validated by: dba - 04/21/06

QC Batch Analysis Date: 4/20/2006

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

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	96.9	60 - 130
Dibromofluoromethane	97.4	60 - 130
Toluene-d8	84.0	60 - 130

LCS / LCSD - Liquid - TPH as Gasoline by GC/MS

QC Batch ID: WM1060420

Reviewed by: dba - 04/21/06

QC Batch ID Analysis Date: 4/20/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<25	120	147	µg/L	117	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	91.1	60 - 130
Dibromofluoromethane	92.0	60 - 130
Toluene-d8	90.8	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	120	145	µg/L	116	1.2	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	90.8	60 - 130
Dibromofluoromethane	92.0	60 - 130
Toluene-d8	91.8	60 - 130

Entech Analytical Labs, Inc.

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

Method Blank - Liquid - EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WM1060420

Validated by: dba - 04/21/06

QC Batch Analysis Date: 4/20/2006

Parameter	Result	DF	PQLR	Units
1,1,1,2-Tetrachloroethane	ND	1	0.50	µg/L
1,1,1-Trichloroethane	ND	1	0.50	µg/L
1,1,2,2-Tetrachloroethane	ND	1	0.50	µg/L
1,1,2-Trichloroethane	ND	1	0.50	µg/L
1,1-Dichloroethane	ND	1	0.50	µg/L
1,1-Dichloroethene	ND	1	0.50	µg/L
1,1-Dichloropropene	ND	1	0.50	µg/L
1,2,3-Trichlorobenzene	ND	1	5.0	µg/L
1,2,3-Trichloropropane	ND	1	0.50	µg/L
1,2,4-Trichlorobenzene	ND	1	5.0	µg/L
1,2,4-Trimethylbenzene	ND	1	5.0	µg/L
1,2-Dibromo-3-Chloropropane	ND	1	5.0	µg/L
1,2-Dibromoethane (EDB)	ND	1	0.50	µg/L
1,2-Dichlorobenzene	ND	1	0.50	µg/L
1,2-Dichloroethane	ND	1	0.50	µg/L
1,2-Dichloropropane	ND	1	0.50	µg/L
1,3,5-Trimethylbenzene	ND	1	5.0	µg/L
1,3-Dichlorobenzene	ND	1	0.50	µg/L
1,3-Dichloropropane	ND	1	0.50	µg/L
1,4-Dichlorobenzene	ND	1	0.50	µg/L
1,4-Dioxane	ND	1	50	µg/L
2,2-Dichloropropane	ND	1	0.50	µg/L
2-Butanone (MEK)	ND	1	20	µg/L
2-Chloroethyl-vinyl Ether	ND	1	5.0	µg/L
2-Chlorotoluene	ND	1	5.0	µg/L
2-Hexanone	ND	1	20	µg/L
4-Chlorotoluene	ND	1	5.0	µg/L
4-Methyl-2-Pentanone(MIBK)	ND	1	20	µg/L
Acetone	ND	1	20	µg/L
Acetonitrile	ND	1	5.0	µg/L
Acrolein	ND	1	5.0	µg/L
Acrylonitrile	ND	1	5.0	µg/L
Benzene	ND	1	0.50	µg/L
Benzyl Chloride	ND	1	5.0	µg/L
Bromobenzene	ND	1	0.50	µg/L
Bromochloromethane	ND	1	0.50	µg/L
Bromodichloromethane	ND	1	0.50	µg/L
Bromoform	ND	1	0.50	µg/L
Bromomethane	ND	1	0.50	µg/L
Carbon Disulfide	ND	1	0.50	µg/L
Carbon Tetrachloride	ND	1	0.50	µg/L
Chlorobenzene	ND	1	0.50	µg/L
Chloroethane	ND	1	0.50	µg/L
Chloroform	ND	1	0.50	µg/L
Chloromethane	ND	1	0.50	µg/L
cis-1,2-Dichloroethene	ND	1	0.50	µg/L
cis-1,3-Dichloropropene	ND	1	0.50	µg/L
Cyclohexanone	ND	1	20	µg/L
Dibromochloromethane	ND	1	0.50	µg/L
Dibromomethane	ND	1	0.50	µg/L

Entech Analytical Labs, Inc.

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

Method Blank - Liquid - EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WM1060420

Validated by: dba - 04/21/06

QC Batch Analysis Date: 4/20/2006

Parameter	Result	DF	PQLR	Units
Dichlorodifluoromethane	ND	1	0.50	µg/L
Diisopropyl Ether	ND	1	5.0	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Freon 113	ND	1	5.0	µg/L
Hexachlorobutadiene	ND	1	5.0	µg/L
Iodomethane	ND	1	1.0	µg/L
Isopropanol	ND	1	20	µg/L
Isopropylbenzene	ND	1	1.0	µg/L
Methylene Chloride	ND	1	20	µg/L
Methyl-t-butyl Ether	ND	1	1.0	µg/L
Naphthalene	ND	1	5.0	µg/L
n-Butylbenzene	ND	1	5.0	µg/L
n-Propylbenzene	ND	1	5.0	µg/L
Pentachloroethane	ND	1	0.50	µg/L
p-Isopropyltoluene	ND	1	5.0	µg/L
sec-Butylbenzene	ND	1	5.0	µg/L
Styrene	ND	1	0.50	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
tert-Butylbenzene	ND	1	5.0	µg/L
Tetrachloroethene	ND	1	0.50	µg/L
Tetrahydrofuran	ND	1	20	µg/L
Toluene	ND	1	0.50	µg/L
trans-1,2-Dichloroethene	ND	1	0.50	µg/L
trans-1,3-Dichloropropene	ND	1	0.50	µg/L
trans-1,4-Dichloro-2-butene	ND	1	1.0	µg/L
Trichloroethene	ND	1	0.50	µg/L
Trichlorofluoromethane	ND	1	0.50	µg/L
Vinyl Acetate	ND	1	5.0	µg/L
Vinyl Chloride	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	103	70 - 125
Dibromofluoromethane	108	70 - 125
Toluene-d8	88.2	70 - 125

Entech Analytical Labs, Inc.

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

LCS / LCSD - Liquid - EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WM1060420

Reviewed by: dba - 04/21/06

QC Batch ID Analysis Date: 4/20/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	18.6	µg/L	93.0	70 - 130
Benzene	<0.50	20	21.2	µg/L	106	70 - 130
Chlorobenzene	<0.50	20	21.3	µg/L	106	70 - 130
Toluene	<0.50	20	20.4	µg/L	102	70 - 130
Trichloroethene	<0.50	20	21.3	µg/L	106	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	95.7	60 - 130
Dibromofluoromethane	104.0	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	16.5	µg/L	82.5	12	25.0	70 - 130
Benzene	<0.50	20	18.9	µg/L	94.5	11	25.0	70 - 130
Chlorobenzene	<0.50	20	19.3	µg/L	96.5	9.9	25.0	70 - 130
Toluene	<0.50	20	18.4	µg/L	92.0	10	25.0	70 - 130
Trichloroethene	<0.50	20	19.0	µg/L	95.0	11	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	96.1	60 - 130
Dibromofluoromethane	102.0	60 - 130
Toluene-d8	93.3	60 - 130

Entech Analytical Labs, Inc. Chain of Custody / Analysis Request

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

ELAP No. 2346

Attention to: BRENT WHEELER	Phone No.:	Purchase Order No.: #7335	Invoice to: (If Different)	Phone:
Company Name: GGTR	Fax No.:	Project No. / Name: #7335/SHEAF'S GARAGE	Company:	
Mailing Address:	Email Address: data@ggtr.com	Billing Address: (If Different)		
City:	State: Zip Code:	Project Location: 5930 COLLEGE AVE., OAKLAND	City:	State: Zip:

Entech Order ID: 48991	Turn Around Time	Circle Applicable
EDF <input type="checkbox"/>	<input type="checkbox"/> Same Day <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Day <input type="checkbox"/> 3 Day <input checked="" type="checkbox"/> 4 Day <input type="checkbox"/> 5 Day <input type="checkbox"/> 10 Day	
Global ID: T0600102112		

Sample Information						No. of Containers	Circle Applicable												Remarks Instructions
Client ID	Field Point	Date	Time	Entech Lab. No.	Matrix		EPA 82-608 Full List	82-60 Petroleum: List includes Gas, BTEX, MBE, EPE, TBA, TAME, DPE, TPC, EMB	EPA 8270-Base/Neutral/Acid Organics 8270 Full List PAHs Only	PCBs - 8082	Pesticides-8081	TPH Extractable: Diesel, Motor Oil, Other w/ Sol. Cleanup	TPH Gas: BTEX, MBE by EPA 8015/8021B	Metals Total	Circle Below	Dissolved	STLC	TCLP	

Client ID	Field Point	Date	Time	Entech Lab. No.	Matrix	No. of Containers	EPA 82-608 Full List	82-60 Petroleum: List includes Gas, BTEX, MBE, EPE, TBA, TAME, DPE, TPC, EMB	EPA 8270-Base/Neutral/Acid Organics 8270 Full List PAHs Only	PCBs - 8082	Pesticides-8081	TPH Extractable: Diesel, Motor Oil, Other w/ Sol. Cleanup	TPH Gas: BTEX, MBE by EPA 8015/8021B	Metals Total	Circle Below	Dissolved	STLC	TCLP
	MW-1	4/14/06	1645	001	SW	3	X	X										
	MW-2	↓	1610	002	SW	3	X	X										
	MW-3	↓	1518	003	SW	3	X	X										
	PW-1	↓	1330	004	SW	3	X	X										

4 Day TAT

Relinquished by: KAL ATKINSON	Received by: [Signature]	Date: 4/14/06	Time: 1800	Lab Use:
Relinquished by: [Signature]	Received by: Scott Casady	Date: 4/16/06	Time: 0900	
Relinquished by: Scott Casady	Received by: [Signature]	Date: 4/17/06	Time: 1126	Metals: Al, As, Sb, Ba, Be, Bi, B, Cd, Ca, Cr, Co, Cu, Fe, Pb, Li, Mg, Mn, Hg, Mo, Ni, K, Si, Ag, Na, Se, Tl, Sn, Ti, Zn, V
				<input type="checkbox"/> Plating <input type="checkbox"/> LUFT-5 <input type="checkbox"/> RCRA-8 <input type="checkbox"/> PPM-13 <input type="checkbox"/> CAM-17

Lab Use: Temperature: _____ Shipment Method: _____

Samples: Iced Y/N Appropriate Containers/Preservatives: Y/N Custody Seals? Y/N

Labels match CoC? Y/N Headspace? Y/N Separate Receipt Log Y/N

If any N's, Explain:

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #209339
5940 College Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1									
01/03/01	196.91	12.75	184.16	930 ¹	2.9	6.9	2.7	7.6	14/<2.0 ³
04/25/01	196.91	9.23	187.68	210 ⁴	2.0	1.5	2.0	3.3	5.3/<2.0 ³
07/09/01	196.91	11.86	185.05	290 ⁵	1.8	2.0	2.5	0.96	<2.5
06/08/00	196.91	13.49	183.42	200	<0.50	<0.50	<0.50	<1.5	<2.5
01/13/02	196.91	7.33	189.58	<50	<0.50	<0.50	<0.50	<0.50	<2.5
04/08/02	196.91	7.45	189.46	670	<0.50	<2.0	<1.0	5.6	<2.5
10/15/02	196.91	13.68	183.23	260	0.62	0.82	<0.50	<1.5	--
04/15/03	196.91	6.82	190.09	1,700	1.3	<5.0	<2.0	<5.0	--
10/31/03	196.91	13.72	183.19	150	<2.0	0.7	<2.0	<5.0	--
04/23/04	196.91	9.02	187.89	<50	<0.5	<0.5	<0.5	<1.5	--
10/22/04	196.91	11.50	185.41	63	<0.5	<0.5	<0.5	<1.5	--
04/14/05	196.91	7.11	189.80	<50	<0.5	<0.5	<0.5	<1.5	--
10/14/05	196.91	11.90	185.01	160	<0.5	<0.5	0.6	<5.0	--
04/14/06	196.91	6.95	189.96	<50	<0.5	<0.5	<0.5	<1.5	--
MW-2									
01/03/01	197.35	12.48	184.87	2,100 ²	110	11	63	25	83/2.2 ³
04/25/01	197.35	8.90	188.45	1,700 ⁴	150	12	30	15	150/<2.0 ³
07/09/01	197.35	11.44	185.91	2,500 ⁵	200	21	55	26	<50
04/08/02	197.35	13.37	183.98	4,200	87	2.8	29	9.8	<2.5
01/13/02	197.35	6.55	190.80	410	20	2.9	<2.5	4.4	27/<2.0 ³
04/08/02	197.35	8.37	188.98	4,000	70	1.7	17	17	<2.5
10/15/02	197.35	13.00	184.35	3,100	41	2.2	16	<6.0	--
04/15/03	197.35	7.58	189.77	2,400	37	<2.5	12	<7.5	--
10/31/03	197.35	13.02	184.33	2,300	12	3.4	4.8	<7.5	--
04/23/04	197.35	8.38	188.97	960	8.9	1.0	2.4	<1.5	--
10/22/04	197.35	11.41	185.94	2,200	24	<2.5	4.1	<10	--
04/14/05	197.35	6.69	190.66	640	2.1	<2.0	<2.0	7.5	--
10/14/05	197.35	11.14	186.21	1,200	6.9	<2.5	<2.5	<7.5	--
04/14/06	197.35	6.54	190.81	180	<0.5	<0.5	<0.5	<5.0	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #209339
5940 College Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TRIP BLANK									
TB-LB									
01/03/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
04/25/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/09/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA									
10/08/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
01/13/02	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
04/08/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
10/15/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	--
04/15/03	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/31/03	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
04/23/04	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/22/04	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
04/14/05	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/14/05	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
04/14/06	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #209339
5940 College Avenue
Oakland, California

EXPLANATIONS:

TOC = Top of Casing
(ft.) = Feet

DTW = Depth to Water

GWE = Groundwater Elevation
(msl) = Mean sea level

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

* TOC elevations were surveyed on December 27, 2000, by Virgil Chavez Land Surveying. The benchmark used for the survey was a City of Oakland benchmark being a cut square in the top of curb, at the curb return at the northeast corner of College Avenue and Miles Avenue, (Benchmark Elev. = 179.075 feet, msl).

¹ Laboratory report indicates unidentified hydrocarbons C6-C12.

² Laboratory report indicates gasoline C6-C12.

³ MTBE by EPA Method 8260.

⁴ Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons <C6.


⁵ Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons C6-C12.

REPORT OF
ADDITIONAL SITE CHARACTERIZATION
&
GROUNDWATER MONITORING

5930 College Avenue, Oakland, California
ACHCSA Site #RO0000377

APPENDIX D
SOIL BORING LOGS
GROUNDWATER GRADIENT CALCULATION SHEETS

LOG OF BORING B12

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1				ML	Concrete (6")	Concrete (0'-0.5')
5				CL	Slightly moist, dark yellowish brown (10 YR 4/2) SILT with clay, small gravels, and fine-grained sand <20% (no odor, low plasticity)	
10	7335 B12-5	1610	NR	CL	Moist, dark yellowish brown (10YR 4/2) silty CLAY with small angular gravels (unsorted), no odor	
10	7335 B12-10	1615	NR	CL	Moist, dark yellowish brown (10YR 4/2) CLAY with silt and small gravels, no odor	Portland Type I-II Cement (0.5'-20')
15	7335 B12-15	1623	NR	CL	Same; with lighter brown mottling	
15				CL	Moist, olive grey (5Y 3/2) CLAY	
20	7335 B12-20	1625		CL	Same, saturated	
20				CL	@ 20 fbg: thick, moist, dense olive grey (5Y 3/2) CLAY with some rust-colored mottling. no odor	
25					Total Boring Depth = 20fbg	2.25"

Fr:7335.B12

BORING NUMBER: B12
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: Truck Rotary
DRILLING DATE: April 30, 2005

Logged By: G. Wolf Checked By: B. Wheeler


Page 1 of 1

Legend/Notes:
 fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery

☒ = sample interval
 ◻ = sample retained

Golden Gate Tank Removal, Inc.

LOG OF BORING B13

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1				CL	Concrete (6")	Concrete (0'-0.5')
5				CL	Dense, moist, dark yellowish brown (10 YR 4/2) CLAY with angular gravels <5%	Concrete (0'-0.5')
	No Samples				Same	Portland Type I-II Cement (0.5'-20')
	No Samples					
10					Total Boring Depth = 9.5 fbg	2.25"
15						
20						
25						

Fr:7335.B13

BORING NUMBER: B13
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: Truck Rotary
DRILLING DATE: April 30, 2005

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


Page 1 of 1

Legend/Notes:
 fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery

☒ = sample interval
 ■ = sample retained

Golden Gate Tank Removal, Inc.

LOG OF BORING B14

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1				CL	Concrete (6")	Concrete (0'-0.5')
5				CL	Dense, moist, dark yellowish brown (10 YR 4/2) CLAY with angular gravels <5%	Concrete (0'-0.5')
	No Samples				Same	Portland Type I-II Cement (0.5'-20')
	No Samples					
10					Total Boring Depth = 9.5 fbg	2.25"
15						
20						
25						



Fr:7335.B14

BORING NUMBER: B14
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: Truck Rotary
DRILLING DATE: April 30, 2005





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

Legend/Notes:

fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery

-  = sample interval
-  = sample retained

LOG OF BORING B15

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1	<div style="text-align: center;">  <p>Hand Auger</p> </div>			SM	Concrete (6")	 <p>Concrete (0'-0.5')</p>
5		No Samples			Dusky yellowish brown (10YR 2/2) silty fine-grained SAND , with angular, unsorted gravels. no odor	
10		No Samples			Same, with clay; no odor	 <p>Portland Type I-II Cement (0.5'-20')</p>
10					Total Boring Depth = 9.5 fbg	
15						
20						
25						

Fr:7335.B15

BORING NUMBER: B15
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: Truck Rotary
DRILLING DATE: April 30, 2005

Logged By: G. Wolf Checked By: B. Wheeler

Page 1 of 1

Legend/Notes:
 fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery

☒ = sample interval
 ■ = sample retained

Golden Gate Tank Removal, Inc.

LOG OF BORING B16

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail	
1	 Hand Auger			Concrete (6")	Concrete (6")	Concrete (0'-0.5')	
				SM	Loose, moist, moderate yellowish brown (10 YR 5/4) silty, fine-grained SAND with pea gravel and clay; Low plasticity, no odor.		
5	NR			NR	Dense, dark brown (5YR 2/1) silty fine-grained SAND	Portland Type I-II Cement (0.5'-25')	
	7335 B16-7	1533		Not Logged	Dense, slightly moist, dark yellowish brown (10YR 4/2) silty CLAY ; no hydrocarbon odor.		
10	7335 B16-10	1537		Same	Dense, slightly moist, olive grey (5Y 4/1) silty CLAY , no odor, moderate plasticity.		
15	7335 B16-15	1541		Dark olive grey (5Y 3/2) CLAY with silt; moderate hydrocarbon odor.	Dark olive grey (5Y 3/2) CLAY with silt; moderate hydrocarbon odor.		
	7335 B16-20	1545		Dark yellowish brown (10YR 4/2) CLAY , no odor	Dark yellowish brown (10YR 4/2) CLAY , no odor		
20	7335 B16-24	1555		Moderate yellowish brown (10YR 5/4) CLAY ; @ 19 fbg, grades to mottled olive grey clay with fine-grained sand	Moderate yellowish brown (10YR 5/4) CLAY ; @ 19 fbg, grades to mottled olive grey clay with fine-grained sand		
				Moist, dense olive grey (5Y 3/2) CLAY , with yellowish brown mottling.	Moist, dense olive grey (5Y 3/2) CLAY , with yellowish brown mottling.		
25				Dense, moist dark yellowish brown (10YR 4/2) CLAY , with sand and gravels.	Dense, moist dark yellowish brown (10YR 4/2) CLAY , with sand and gravels.		
Total Boring Depth = 25 fbg							2.25"

Fr:7335.B16

BORING NUMBER: B16
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: Hydropunch
DRILLING DATE: April 30, 2005

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

Legend/Notes:
 fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery

- = sample interval
- = sample retained

Golden Gate Tank Removal, Inc.

LOG OF BORING B17

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail	
1	<div style="display: flex; align-items: center; justify-content: center;"> <div style="border-left: 1px solid black; border-right: 1px solid black; height: 100px; margin: 0 5px;"></div> <div style="text-align: center; margin: 0 5px;"> ↑ Hand Auger ↓ </div> <div style="border-left: 1px solid black; border-right: 1px solid black; height: 100px; margin: 0 5px;"></div> </div>			Concrete (6")		Concrete (0'-0.5')	
5		No Samples		SM	Dark yellowish brown (10 YR 4/2) silty, fine-grained SAND with clay, small gravels, (no odor, low plasticity)		
10		No Samples		CL	Dark yellowish brown (10YR 4/2) silty CLAY with small angular gravels (unsorted) no odor		Portland Type I-II Cement (0.5'-9.5')
15				Total Boring Depth = 9.5 fbg	2.25"		
20							
25							

Fr:7335.B17

BORING NUMBER: B17
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: Hand Auger
DRILLING DATE: April 30, 2005

Logged By: G. Wolf Checked By: B. Wheeler


Page 1 of 1

Legend/Notes:
 fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery

☒ = sample interval
 ■ = sample retained

Golden Gate Tank Removal, Inc.

LOG OF BORING B18

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1	<div style="text-align: center;">  <p>Hand Auger</p> </div>			SM	Concrete (6") Dark yellowish brown (10 YR 4/2) silty , fine-grained SAND with clay (no odor, low plasticity)	Concrete (0'-0.5')
5		No Samples		CL	Dark yellowish brown (10YR 4/2) silty CLAY with small gravel; no odor	Portland Type I-II Cement (0.5'-9.5')
10		No Samples			Total Boring Depth = 9.5 fbg	2.25"
15						
20						
25						

Fr:7335.B18

BORING NUMBER: B18
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: Hand Auger
DRILLING DATE: April 14, 2005

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

Page 1 of 1

Legend/Notes:
 fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery

☒ = sample interval
 ◻ = sample retained

Golden Gate Tank Removal, Inc.

LOG OF BORING B19

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1					Concrete (6")	Concrete (0'-0.5')
5				SM	Loose, moist, moderate yellowish brown (10 YR 5/4) silty, fine-grained SAND with pea gravel and clay; low plasticity, no odor.	
10	7335 B19-7	1533		CM	Loose, slightly moist, Dusky yellowish brown (10YR 4/2) silty CLAY , no odor.	
10	7335 B19-10	1537			Dark olive black (5Y 2/1) silty CLAY with gravels and fine-grained sand (< 10%); no odor.	← Portland Type I-II Cement (0.5'-24')
15	7335 B19-15	1541			Moist, dark olive black (5Y 2/1) silty CLAY mottled with loose gravels (< 10%) ,	
20	7335 B19-20	1545			Wet olive grey (5Y 4/1) CLAY with slight hydrocarbon odor	
20	7335 B19-24	1555			Olive grey (5Y 4/1) CLAY mixed with decomposed sandstone fragments and gravels, slight hydrocarbon odor.	
25					@ 24 fbg: same, no odor	
					Total Boring Depth = 24 fbg	↔ 2.25" ↔

Fr:7335.B19

BORING NUMBER: B19
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: Hydropunch
DRILLING DATE: April 30, 2005

Logged By: G. Wolf Checked By: B. Wheeler

Legend/Notes:

fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery

- ☒ = sample interval
- ▣ = sample retained

LOG OF BORING B20

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1	 Hand Auger			Concrete (6")	Concrete (6")	Concrete (0'-0.5')
				SM	Slightly moist, dark brown (10YR 2/1), silty fine-grained SAND ; no odor, low plasticity.	
5	7335 B20-5.5	1400	0	ML	Dark yellowish brown (10YR 4/2) SILT with fine grained sand, no HC odor	Portland Type I-II Cement (0.5'-23')
	7335 B20-7	1405	0	ML	Same	
10	NR				No Logged	
	NR				No Logged	
	NR				No Logged	
15	7335 B20-15	NR	0	CL	Dark olive grey (5Y 3/2) CLAY with angular gravels (<20%) with slight hydrocarbon odor	
				CL	Same	
20	7335 B20-19.5	NR	0	CL	@ 19 fbg, same; grades to yellowish brown (10YR 4/2) sandy CLAY with gravel; no odor.	
	7335 B20-22	1440	0	CL	Very dense, wet, olive grey (5Y 3/2) CLAY . No hydrocarbon odor, high plasticity [Refusal @ 23 fbg].	
25					Total Boring Depth = 23 fbg	

Fr:7335.B20

<p>BORING NUMBER: B20 LOCATION: 5930 College Avenue Oakland, CA PROJECT NO: 7335 DRILLING CONTRACTOR: Gregg Drilling & Testing DRILLING METHOD: Truck Rotary/ Hydropunch DRILLING DATE: April 30, 2005</p> <p>Logged By: G. Wolf Checked By: B. Wheeler</p>	<p style="text-align: right;">Page 1 of 1</p> <p>Legend/Notes: fbg = feet below grade; toc = top of well casing ppm = parts per million; NR = no sample recovery</p> <p>☒ = sample interval ◻ = sample retained</p> <p style="text-align: center;">Golden Gate Tank Removal, Inc.</p>
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LOG OF BORING B21

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1	<div style="text-align: center;"> ↑ <i>Hand Auger</i> ↓ </div>			CL	Concrete (4") Sidewalk	Concrete (0'-0.5')
5				CL	Moist, dark yellowish brown (10YR 4/2) silty CLAY with trace coarse grained sand	
	7335 B21-6.5	1245	0		Same	
	7335 B21-8.5	1250	0	ML	Moist, olive gray (5Y3/2) clayey SILT with trace fine-grained sand; Slight hydrocarbon odor.	Portland Type I-II Cement (0.5'-25')
10	7335 B21-11.5		0		@ 11.5 fbg; moist to wet, olive grey (5Y 3/2), silty CLAY with trace fine-grained sand; moderate hydrocarbon odor.	
15	7335 B21-14.5	1255	0	CL	Wet/saturated, moderate yellowish brown (10YR 5/4) mottled with olive gray (5Y 3/2), silty CLAY with trace coarse-grained sand and rock fragments; slight hydrocarbon odor.	
20	7335 B21-19.5	1300	0		Wet, moderate yellowish brown (10YR 5/4) with dark yellowish orange clayey SILT , with coarse grained sand and rock	
25	7335 B21-24.5	1555	0	ML		
Total Boring Depth = 25 fbg						2.25"

Fr:7335.B21

BORING NUMBER: B21
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: DPT
DRILLING DATE: June 22, 2005

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


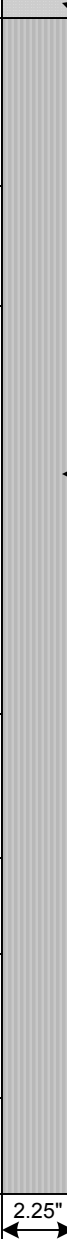
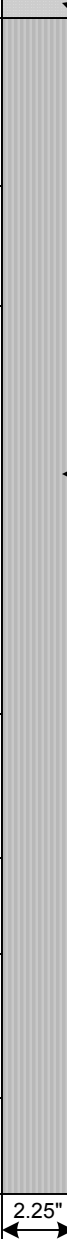
Legend/Notes:

fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery

- ☒ = sample interval
- ▣ = sample retained

Golden Gate Tank Removal, Inc.



LOG OF BORING B22

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail	
1					Asphalt (3") over Concrete (3")		
5							Trench fill; silty gravelly SAND
							Utility grade SAND ; (wet) no hydrocarbon odor
	7335 B22-6.5	1135	0		Moist to wet, moderate to dark yellowish brown (10YR 5/4,4/2) silty CLAY with trace coarse-grained sand		
10	7335 B22-10	1145	0	CL	@ 9 fbg, grades to moist, olive gray CLAY (5Y 3/2) with slight hydrocarbon odor		
15	7335 B22-14.5	NR	0		Not Logged		
20	7335 B22-19.5	1200	0	ML	Moist, dark yellowish orange (10YR 6/6), clayey SILT with fine-grained sand ; no hydrocarbon odor.		
					Not Logged		
25	7335 B22-24.5	1210	0	SM	Moist to wet, dark yellowish orange (10YR 6/6) clayey, silty, fine-grained SAND ; no hydrocarbon odor.		
					Total Boring Depth = 25 fbg	2.25"	

BORING NUMBER: B22
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: DPT
DRILLING DATE: June 22, 2005

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

Legend/Notes:
 fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery

-  = sample interval
-  = sample retained

Golden Gate Tank Removal, Inc.

LOG OF BORING B23

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1	 Hand Auger				Asphalt (3") over Concrete (3")	Concrete (0'-0.5')
				Moist, dark yellowish brown (10YR 5/4) clayey SILT with trace fine-grained sand.		
5				ML	Moist, moderate to dark yellowish brown (10 YR 5/4 4/2) clayey SILT with coarse-grained sand	
	7335 B23-6	1025	0	CL	Moist, dark yellowish brown (10YR 5/4) silty CLAY	
				ML	Moist, moderate to dark yellowish brown (10 YR 5/4, 4/2) clayey SILT with fine-to-coarse grained sand	Portland Type I-II Cement (0.5'-25')
10	7335 B23-10	1030	0	ML		
	7335 B23-11.5	1040	0	CL	Moist to wet, dark yellowish brown (10YR 5/4) silty CLAY with hydrocarbon odor	
				ML	Wet, light olive gray (5Y 5/2) clayey SILT	
15	7335 B23-15	1045	0	CL	Wet, light olive gray (5Y 5/2), silty CLAY with coarse-grained sand and rock fragments; slight hydrocarbon odor	
	7335 B23-17	NR	0	CL		
20	7335 B23-19.5	1050	0	CL	@ 18.5 fbg, same; change in color to moderate yellowish brown (10YR 5/4), with some rock fragments (0.25"-1"); slight hydrocarbon odor	
	7335 B23-24.5	NR	NR	ML	Moist to wet, moderate yellowish brown (10YR 5/4) mottled with dark yellowish orange (10YR 6/6) clayey SILT with fine-grained sand; no hydrocarbon odor	
25					Total Boring Depth = 25 fbg	2.25"

Fr:7335.B23

BORING NUMBER: B23
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: DPT
DRILLING DATE: June 22, 2005


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

Legend/Notes:
 fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery

- = sample interval
- = sample retained

Golden Gate Tank Removal, Inc.

LOG OF BORING B24

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1				ML	Concrete (6")	Concrete (0'-0.5')
						Moist, olive black (5Y 2/1) clayey SILT . Moderate plasticity; no hydrocarbon odor.
5					Moist, dark olive grey (5Y 3/2) silty CLAY ; no hydrocarbon odor.	
	7335 B24-7	1440	0			
					Wet, dark yellowish brown (10YR 4/2), CLAY ; no hydrocarbon odor.	
10	7335 B24-10	1444	0		Same, no odor	Portland Type I-II Cement (0.5'-25')
					Wet, greenish grey (10GY 5/2) CLAY ; Strong hydrocarbon odor	
15	7335 B24-13.5	1449	0	CL		
	7335 B24-15	1450	0			
					Saturated, moderate yellowish brown (10YR 4/2) CLAY with loose gravels and fine-grained sand; strong hydrocarbon odor	
	7335 B24-18	NR	0			
20					Moist, dense olive grey (5Y 3/2) CLAY with gravels (<15%) and decomposed sandstone	
	7335 B24-22	1515	0			
25					Total Boring Depth = 24 fbg	2.25"



Fr:7335.B24

BORING NUMBER: B24
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: Truck Rotary/ Hydropunch
DRILLING DATE: April 30, 2005

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

Legend/Notes:

fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery

-  = sample interval
-  = sample retained

Golden Gate Tank Removal, Inc.

LOG OF BORING HB-1

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1	<div style="text-align: center;"> <p>Hand Auger</p> </div>			SM	Asphaltic Concrete (6")	<div style="text-align: center;"> <p>Concrete (0'-0.5')</p> </div>
5				SM	Dark yellowish brown (10 YR 4/2) silty, fine-grained SAND with clay (no odor, low plasticity)	
(7.52) ▼	No Samples Collected	Direct Push			Not Logged	<div style="text-align: center;"> <p>Portland Type I-II Cement (0.5'-9.5')</p> </div>
10					Total Boring Depth = 9.5 fbg	<div style="text-align: center;"> <p>2.25"</p> </div>
15						
20						
25						

Fr:7335.HB-3

BORING NUMBER: HB-1
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: Hydropunch
DRILLING DATE: April 4, 2005

Logged By: B Wheeler **Checked By:** B. Wheeler

Legend/Notes:

fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery
 ▼ = Depth to groundwater (static) measured
 (7.52) from top of casing on April 14, 2005

LOG OF BORING HB-2 / PW-1

Depth (fbg)	Recovery/ Sample ID	Blow Counts (#/6")	Organic Vapor (ppm)	USCS Soil Type	Description	Well Construction Detail
1					Concrete (6")	
				SM	Moist, dusky yellowish-brown (10YR 2/2) fine-grained SAND	
5 (5.75) ▼	7335 PW1-4.5		0	SM	Moist, dark yellowish brown (10YR 4/2) fine-grained SAND	
	7335 PW1-6		0		Same	
	7335 PW1-9		0	ML	Moist, dark yellowish brown (10YR 4/2) sandy SILT with small gravels	
10	7335 PW1-11.5		0	CL	Moist-to-wet, dark yellowish brown (10YR 4/2) silty CLAY , grading to wet, moderate yellowish brown (10YR 5/4) silty CLAY	
15	N/R				Not Logged	
	N/R				Not Logged	
20	7335 PW1-20		0	SM	@20 fbg: Wet, dark dark yellowish orange, silty, fine-grained SAND	
					Total Boring Depth @ 20 fbg Total Well Depth @ 18 fbg	
25						8 Inches


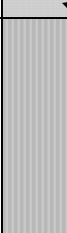
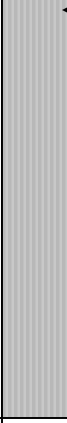

BORING NUMBER: HB-2 / PW1
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: Truck Rotary
DRILLING DATE: April 5, 2005

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

Legend/Notes:

fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery
 ☒ = sample interval
 ◻ = sample retained
 ▼ = Depth to groundwater (static) measured
 (5.75) from top of casing on April 8, 2005

LOG OF BORING HB-3

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1				CL	Asphaltic Concrete (6")	
5					Moist, dark yellowish brown (10YR 5/4) with moderate brown (5YR 3/4), silty CLAY with trace fine-to-coarse grained sand	
(8.05) ▼	No Samples Collected Direct Push				Not Logged	
10						
15					Total Boring Depth = 15fbg	
20						
25						

Fr:7335.HB-3

BORING NUMBER: HB-3
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: Hydropunch
DRILLING DATE: June 22, 2005

Logged By: B Wheeler **Checked By:** B. Wheeler



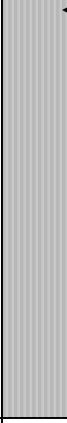

Page 1 of 1

Legend/Notes:
 fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery

 ▼ = Depth to groundwater (static) measured
 (8.05) from top of casing on July 11, 2005

Golden Gate Tank Removal, Inc.

LOG OF BORING HB-4

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1				CL	Asphaltic Concrete (6")	
5					Moist, dark yellowish brown (10YR 5/4) with moderate brown (5YR 3/4), silty CLAY with trace fine-to-coarse grained sand	
(8.43) ▼	No Samples Collected Direct Push				Not Logged	
10						
15					Total Boring Depth = 15fbg	
20						
25						

Fr:7335.HB-4

BORING NUMBER: HB-4
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: Hydropunch
DRILLING DATE: June 22, 2005




Logged By: B Wheeler **Checked By:** B. Wheeler

Page 1 of 1

Legend/Notes:
 fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery
 ▼ = Depth to groundwater (static) measured
 (8.43) from top of casing on July 11, 2005

Golden Gate Tank Removal, Inc.

LOG OF BORING HB-5

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1				CL	Asphaltic Concrete (6")	
5				CL	Moist, dark yellowish brown (10YR 5/4), silty CLAY with trace fine-grained sand	
10	No Samples Collected	Direct Push			Not Logged	
15					Total Boring Depth = 15fbg	
20						
25						

Fr:7335.HB-5

BORING NUMBER: HB-5
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: Hydropunch
DRILLING DATE: June 22, 2005

Logged By: B Wheeler **Checked By:** B. Wheeler



Page 1 of 1

Legend/Notes:
 fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery

No water measured in temporary well on July 11, 2005

Golden Gate Tank Removal, Inc.

LOG OF BORING HB-6

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1				CL	Asphaltic Concrete (6") Moist, dark yellowish brown (10YR 5/4) with moderate brown (5YR 3/4), silty CLAY/clayey SILT with trace fine-to-coarse grained sand	 Concrete (0'-0.5')
5						
(6.45) ▼	No Samples Collected Direct Push				Not Logged	
10						
15					Total Boring Depth = 15fbg	
20						
25						

Fr:7335.HB-6

BORING NUMBER: HB-6
LOCATION: 5930 College Avenue
 Oakland, CA
PROJECT NO: 7335
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: Hydropunch
DRILLING DATE: June 22, 2005

Logged By: B Wheeler **Checked By:** B. Wheeler

Page 1 of 1

Legend/Notes:
 fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery
 ▼ = Depth to groundwater (static) measured
 (6.45) from top of casing on July 11, 2005

Golden Gate Tank Removal, Inc.



U.S. Environmental Protection Agency
EPA On-line Tools for Site Assessment
Calculation

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Gradient and Direction from Four or More Points - January 13, 2006

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Hydraulic Gradient

Gradient Calculation from fitting a plane to as many as fifteen points

$$\begin{aligned}
 a x_1 + b y_1 + c &= h_1 \\
 a x_2 + b y_2 + c &= h_2 \\
 a x_3 + b y_3 + c &= h_3 \\
 &\dots \\
 a x_{15} + b y_{15} + c &= h_{15}
 \end{aligned}$$

where (x_i, y_i) are the coordinates of the well and
 h_i is the head

$i = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15$

The coefficients a, b, and c are calculated by a least-squares fitting of the the data to a plane

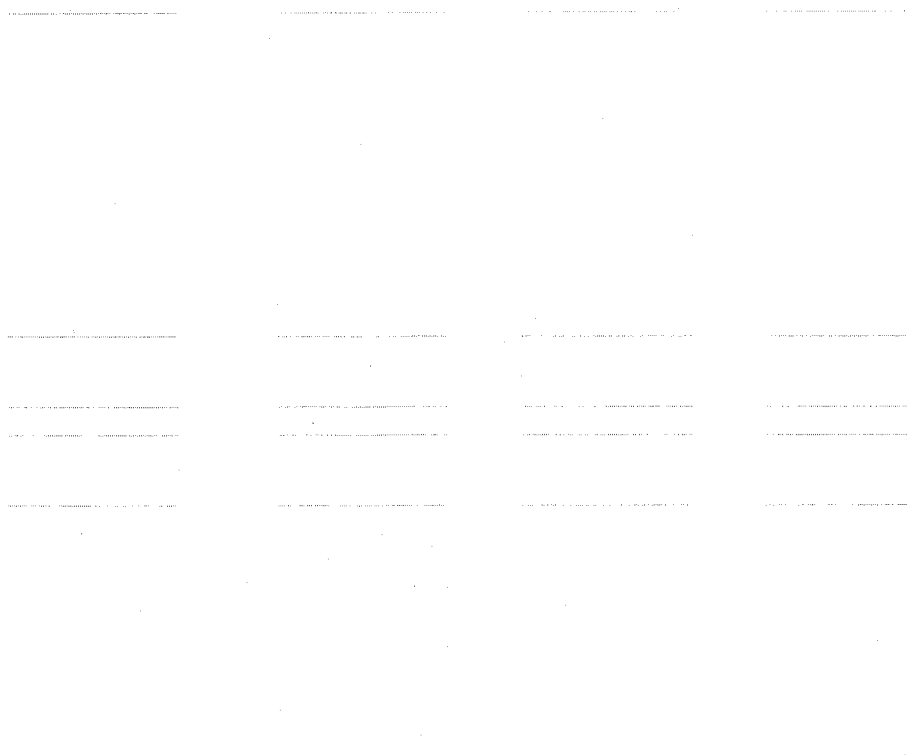
The gradient is calculated from the square root of $(a^2 + b^2)$ and the angle from the arctangent of a/b or b/a depending on the quadrant

Site Name Sheaff's Garage

Date January 13, 2006

Calculation basis Head

I.D.	Coordinates		head ft
	x-coordinate	y-coordinate	
MW1	65	51	191.3
MW2	111	46	191.8
MW3	63	8	190.61
PW1	164	88	192.6



Number of Points Used in Calculation	4
Max. Difference Between Head Values	0.6066
Gradient Magnitude (i)	0.01624
Flow direction as degrees from North (positive y axis)	212.9
Coefficient of Determination (R ²)	0.981

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Page author: Jim Weaver, of U.S. EPA, Office of Research and Development, Athens Georgia who last modified this content on: July 27, 2005

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April 14, 2006 Gettler-Ryan



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Gradient and Direction from Three Points

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Hydraulic Gradient

Gradient Calculation from fitting a plane to three points

$$a x_1 + b y_1 + c = h_1$$

$$a x_2 + b y_2 + c = h_2$$

$$a x_3 + b y_3 + c = h_3$$

where (x_i, y_i) are the coordinates of the well and

h_i is the head

$i = 1, 2, 3$

The gradient is calculated from the square root of $(a^2 + b^2)$ and the angle from the arctangent of a/b or b/a depending on the quadrant

Site Name Sheaff's Garage

Date April 14, 2006

Calculation basis Head

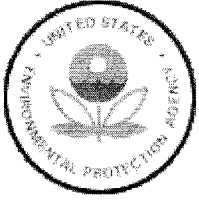
Coordinates ft

	x-coordinate	y-coordinate	head ft
GR-mw1	4	86	189.96
GR-mw2	60	121	190.81
MW1	65	51	192.82

Gradient Magnitude (i) 0.04129

Degrees from North (+ y axis) 309.8

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Gradient and Direction from Four or More Points - April 14, 2006

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Hydraulic Gradient

Gradient Calculation from fitting a plane to as many as fifteen points

$$\begin{aligned}
 a x_1 + b y_1 + c &= h_1 \\
 a x_2 + b y_2 + c &= h_2 \\
 a x_3 + b y_3 + c &= h_3 \\
 &\dots \\
 a x_{15} + b y_{15} + c &= h_{15}
 \end{aligned}$$

where (x_i, y_i) are the coordinates of the well and
 h_i is the head

$i = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15$

The coefficients a , b , and c are calculated by a least-squares fitting of the the data to a plane

The gradient is calculated from the square root of $(a^2 + b^2)$ and the angle from the arctangent of a/b or b/a depending on the quadrant

Example Data Set 1	Example Data Set 2	Calculate	Clear
Save Data	Recall Data	Go Back	

Site Name Sheaff's Garage

Date 8/3/2006

Current Date

Calculation basis Head - **April 14, 2006**

I.D.	Coordinates ft		head ft
	x-coordinate	y-coordinate	
MW1	65	51	192.82
MW2	111	46	193.67
MW3	63	8	191.81
PW1	164	88	194.9



Number of Points Used in Calculation	4
Max. Difference Between Head Values	0.9418
Gradient Magnitude (i)	0.02465
Flow direction as degrees from North (positive y axis)	217.3
Coefficient of Determination (R ²)	0.980

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**REPORT OF
ADDITIONAL SITE CHARACTERIZATION
&
GROUNDWATER MONITORING**

5930 College Avenue, Oakland, California
ACHCSA Site #RO0000377

**APPENDIX E
GEOTRACKER EDD UPLOAD CONFIRMATION FORMS
WASTE MANIFESTS**

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Facility Global ID: T0600102112
Facility Name: SHEAFFS SERVICE GARAGE
Submittal Title: 05-0642:Soil/GW Sample Analytical Data - B12 to B24
Submittal Type: Soil & Water Investigation Report

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SHEAFFS SERVICE GARAGE 5930 COLLEGE AVE OAKLAND, CA 94618	Regional Board - Case #: 01-2296 SAN FRANCISCO BAY RWQCB (REGION 2) Local Agency (lead agency) - Case #: 514 ALAMEDA COUNTY LOP - (AG)																				
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">CONF #</th> <th style="text-align: left; border-bottom: 1px solid black;">TITLE</th> <th style="text-align: left; border-bottom: 1px solid black;">QUARTER</th> </tr> </thead> <tbody> <tr> <td>6308827102</td> <td>05-0642:Soil/GW Sample Analytical Data - B12 to B24</td> <td>Q2 2005</td> </tr> <tr> <td style="border-top: 1px solid black;">SUBMITTED BY</td> <td style="border-top: 1px solid black;">SUBMIT DATE</td> <td style="border-top: 1px solid black;">STATUS</td> </tr> <tr> <td style="border-top: 1px solid black;">Brent Wheeler</td> <td style="border-top: 1px solid black;">8/28/2006</td> <td style="border-top: 1px solid black;">PENDING REVIEW</td> </tr> </tbody> </table>	CONF #	TITLE	QUARTER	6308827102	05-0642:Soil/GW Sample Analytical Data - B12 to B24	Q2 2005	SUBMITTED BY	SUBMIT DATE	STATUS	Brent Wheeler	8/28/2006	PENDING REVIEW									
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6308827102	05-0642:Soil/GW Sample Analytical Data - B12 to B24	Q2 2005																			
SUBMITTED BY	SUBMIT DATE	STATUS																			
Brent Wheeler	8/28/2006	PENDING REVIEW																			
<p><u>SAMPLE DETECTIONS REPORT</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td># FIELD POINTS SAMPLED</td> <td style="text-align: right;">5</td> </tr> <tr> <td># FIELD POINTS WITH DETECTIONS</td> <td style="text-align: right;">5</td> </tr> <tr> <td># FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL</td> <td style="text-align: right;">5</td> </tr> <tr> <td>SAMPLE MATRIX TYPES</td> <td style="text-align: right;">SOIL,WATER</td> </tr> </table>		# FIELD POINTS SAMPLED	5	# FIELD POINTS WITH DETECTIONS	5	# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	5	SAMPLE MATRIX TYPES	SOIL,WATER												
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# FIELD POINTS WITH DETECTIONS	5																				
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	5																				
SAMPLE MATRIX TYPES	SOIL,WATER																				
<p><u>METHOD QA/QC REPORT</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>METHODS USED</td> <td>8260FA,CATFH,E1664,E200.8,SW6020,SW8020F,SW8260B</td> </tr> <tr> <td>TESTED FOR REQUIRED ANALYTES?</td> <td style="text-align: right;">Y</td> </tr> <tr> <td>LAB NOTE DATA QUALIFIERS</td> <td style="text-align: right;">Y</td> </tr> </table>		METHODS USED	8260FA,CATFH,E1664,E200.8,SW6020,SW8020F,SW8260B	TESTED FOR REQUIRED ANALYTES?	Y	LAB NOTE DATA QUALIFIERS	Y														
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LAB NOTE DATA QUALIFIERS	Y																				
<p><u>QA/QC FOR 8021/8260 SERIES SAMPLES</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>TECHNICAL HOLDING TIME VIOLATIONS</td> <td style="text-align: right;">91</td> </tr> <tr> <td>METHOD HOLDING TIME VIOLATIONS</td> <td style="text-align: right;">49</td> </tr> <tr> <td>LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT</td> <td style="text-align: right;">0</td> </tr> <tr> <td>LAB BLANK DETECTIONS</td> <td style="text-align: right;">0</td> </tr> <tr> <td>DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?</td> <td></td> </tr> <tr> <td>- LAB METHOD BLANK</td> <td style="text-align: right;">Y</td> </tr> <tr> <td>- MATRIX SPIKE</td> <td style="text-align: right;">N</td> </tr> <tr> <td>- MATRIX SPIKE DUPLICATE</td> <td style="text-align: right;">N</td> </tr> <tr> <td>- BLANK SPIKE</td> <td style="text-align: right;">N</td> </tr> <tr> <td>- SURROGATE SPIKE - NON-STANDARD SURROGATE USED</td> <td style="text-align: right;">Y</td> </tr> </table>		TECHNICAL HOLDING TIME VIOLATIONS	91	METHOD HOLDING TIME VIOLATIONS	49	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	N	- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	Y
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- MATRIX SPIKE DUPLICATE	N																				
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- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	Y																				
<p><u>WATER SAMPLES FOR 8021/8260 SERIES</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%</td> <td style="text-align: right;">Y</td> </tr> <tr> <td>MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%</td> <td style="text-align: right;">Y</td> </tr> <tr> <td>SURROGATE SPIKES % RECOVERY BETWEEN 85-115%</td> <td style="text-align: right;">N</td> </tr> <tr> <td>BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%</td> <td style="text-align: right;">Y</td> </tr> </table>		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 85-115%	N	BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y												
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SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	N																				
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%	n/a

FIELD QC SAMPLES

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD L</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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CONF #	TITLE	QUARTER
8585478603	05-0761:GW Sample Analytical Data - B14,B15,B17,B20	Q2 2005
SUBMITTED BY	SUBMIT DATE	STATUS
Brent Wheeler	8/30/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	4
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA,SW8020F
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	Y

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	N
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	Y

WATER 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 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

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Submittal Type: Soil & Water Investigation Report

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CONF #	TITLE	QUARTER
9902001202	44111: Soil Sample Analytical Data ¿B21 & B22	Q2 2005
SUBMITTED BY	SUBMIT DATE	STATUS
Brent Wheeler	8/28/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	2
# FIELD POINTS WITH DETECTIONS	2
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	2
SAMPLE MATRIX TYPES	SOIL

METHOD QA/QC REPORT

METHODS USED	8260TPH,A5520C,SW6010B,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%	n/a

BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% n/a

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

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPDL</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Submittal Title: 44112: Soil/GW Analytical Data ζB21 & B23
Submittal Type: Soil & Water Investigation Report

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CONF #	TITLE	QUARTER
6761783540	44112: Soil/GW Analytical Data ζB21 & B23	Q2 2005
SUBMITTED BY	SUBMIT DATE	STATUS
Brent Wheeler	8/28/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	2
# FIELD POINTS WITH DETECTIONS	2
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	2
SAMPLE MATRIX TYPES	SOIL,WATER

METHOD QA/QC REPORT

METHODS USED	8260TPH,A5520C,E413.2,SW6010B,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% Y

BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% Y

FIELD QC SAMPLES

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Facility Global ID: T0600102112
Facility Name: SHEAFFS SERVICE GARAGE
Submittal Title: 44322: GW Analytical Data ¿B23,HB-3,HB-4,HB-6
Submittal Type: Soil & Water Investigation Report

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---	---

CONF #	TITLE	QUARTER
9815843820	44322: GW Analytical Data ¿B23,HB-3,HB-4,HB-6	Q3 2005
SUBMITTED BY	SUBMIT DATE	STATUS
Brent Wheeler	8/30/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	4
# FIELD POINTS WITH DETECTIONS	4
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	3
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED 8260TPH,CATPH-D,E413.2,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	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%	N
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

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPDL</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Confirmation Number: 7678564190
Date/Time of Submittal: 8/28/2006 12:26:21 PM
Facility Global ID: T0600102112
Facility Name: SHEAFFS SERVICE GARAGE
Submittal Title: 48991: GW Well Analytical Data ¿MW-1 to MW-3, PW-1
Submittal Type: GW Monitoring Report

[Click here to view the detections report for this upload.](#)

SHEAFFS SERVICE GARAGE 5930 COLLEGE AVE OAKLAND, CA 94618	Regional Board - Case #: 01-2296 SAN FRANCISCO BAY RWQCB (REGION 2) Local Agency (lead agency) - Case #: 514 ALAMEDA COUNTY LOP - (AG)
--	---

CONF #	TITLE	QUARTER
7678564190	48991: GW Well Analytical Data ¿MW-1 to MW-3, PW-1	Q2 2006
SUBMITTED BY	SUBMIT DATE	STATUS
Brent Wheeler	8/28/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT	
# FIELD POINTS SAMPLED	4
# FIELD POINTS WITH DETECTIONS	4
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	4
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
<hr/>		
FIELD QC SAMPLES		
<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Confirmation Number: 1106026649
Date/Time of Submittal: 2/14/2006 11:02:49 AM
Facility Global ID: T0600102112
Facility Name: SHEAFFS SERVICE GARAGE
Submittal Title: Analytical Data MW1-PW1 (01/13/06) 47376
Submittal Type: GW Monitoring Report

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SHEAFFS SERVICE GARAGE 5930 COLLEGE AVE OAKLAND, CA 94618	Regional Board - Case #: 01-2296 SAN FRANCISCO BAY RWQCB (REGION 2) Local Agency (lead agency) - Case #: 514 ALAMEDA COUNTY LOP - (AG)
--	---

CONF #	TITLE	QUARTER
1106026649	Analytical Data MW1-PW1 (01/13/06) 47376	Q1 2006
SUBMITTED BY	SUBMIT DATE	STATUS
Brent Wheeler	2/14/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	4
# FIELD POINTS WITH DETECTIONS	4
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	4
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	N
LAB NOTE DATA QUALIFIERS	

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?	Y
- LAB METHOD BLANK	N
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	Y
- 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

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Your file has been successfully submitted!

Submittal Title: fluid level monitoring data; MW1- PW1,
01/13/2006
Submittal Date/Time: 2/14/2006 10:50:34 AM
Confirmation
Number: 3202392399

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Your file has been successfully submitted!

Submittal Title: Fluid-Level Monitoring Data MW-1to MW-3, PW-1
(4/14/06)

Submittal Date/Time: 8/28/2006 1:02:57 PM

Confirmation Number: 6986280679

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Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	B12
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/28/2006 3:12:24 PM
Confirmation Number:	9801623284

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Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	B13
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/28/2006 3:14:11 PM
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Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	B14
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/28/2006 3:13:08 PM
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Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	B15
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Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	B16
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/28/2006 3:16:58 PM
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Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	B17
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/28/2006 3:17:21 PM
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Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	B18
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/28/2006 3:18:06 PM
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Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	B19
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/28/2006 3:22:29 PM
Confirmation Number:	6242780387

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Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	B20
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/28/2006 3:22:58 PM
Confirmation Number:	5859023869

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Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	B21
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/28/2006 3:23:53 PM
Confirmation Number:	1088407754

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Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	B22
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/28/2006 3:24:14 PM
Confirmation Number:	6744032144

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Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	B23
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/28/2006 3:24:36 PM
Confirmation Number:	4389524698

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Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	B24
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/28/2006 3:25:33 PM
Confirmation Number:	4699966251

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YOUR IMAGE UPLOAD WAS SUCCESSFUL!	
Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	PW-1
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/28/2006 3:26:33 PM
Confirmation Number:	5250028848
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Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	HB-1
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/29/2006 8:12:55 AM
Confirmation Number:	1857665836

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YOUR IMAGE UPLOAD WAS SUCCESSFUL!

Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	HB-3
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/29/2006 8:13:26 AM
Confirmation Number:	8701736271

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YOUR IMAGE UPLOAD WAS SUCCESSFUL!

Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	HB-4
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/29/2006 8:13:48 AM
Confirmation Number:	4372633218

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UPLOADING A GEO_BORE FILE

YOUR IMAGE UPLOAD WAS SUCCESSFUL!

Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	HB-5
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/29/2006 8:14:15 AM
Confirmation Number:	7913526773

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UPLOADING A GEO_BORE FILE

YOUR IMAGE UPLOAD WAS SUCCESSFUL!

Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Field Pt Name:	HB-6
Submittal Type:	GEO_BORE
Submittal Date/Time:	8/29/2006 8:14:40 AM
Confirmation Number:	1414015054

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UPLOADING A GEO_MAP FILE

YOUR IMAGE UPLOAD WAS SUCCESSFUL!

Facility Name:	SHEAFFS SERVICE GARAGE
Global ID:	T0600102112
Submittal Type:	GEO_MAP
Submittal Date/Time:	8/29/2006 8:16:11 AM
Confirmation Number:	8517715275

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FORWARD INCORPORATED

40390

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 Manteca, CA 95336 Stockton, CA 95206
 Landfill: (209) 982-4298 / WEIGHING LOCATION Main Office: (209) 466-4482
 Resource Recovery: (209) 982-4936 Fax: (209) 465-0631

005675
 GOLDEN GATE TANK REMOVAL
 BRENT WHEELER
 255 SHIPLEY STREET
 SAN FRANCISCO, CA 94107
 CONTRACT: 5675#

SITE	TICKET	GRID
01	516761	
SCALE OPERATOR		
NANCY PONCE		
DATE IN	TIME IN	
8 AUGUST 2005	9:58 AM	
DATE OUT	TIME OUT	
8 AUGUST 2005	10:29 AM	
VEHICLE	ROLL OFF	
GOLDENG107		
REFERENCE	ORIGIN	
	OAKLAND	

00 GROSS WEIGHT 8,820.00 LB
 TARE WEIGHT 6,840.00 LB
 NET WEIGHT 1,980.00 LB 0.99 TN

INBOUND - SCALE TICKET

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
1.00	LD	29 LOGOIL				
0.99	TN	43 LORECORD TONS SOIL				
1.00	LD	{ } ENVIRONMENTAL FEE				

GRID

MANIFEST#496

DRIVER'S SIGNATURE

[Handwritten Signature]

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

24773452

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA 021000001161743		Manifest Document No. 73452		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.							
3. Generator's Name and Mailing Address BRIAN SHEAFF C/O BRIAN SHEAFF 1945 PARKSIDE DR CONCORD CA 94519						A. State Manifest Document Number 24773452									
4. Generator's Phone (925) 890-3450						B. State Generator's ID									
5. Transporter 1 Company Name CLEARWATER ENVIRONMENTAL				6. US EPA ID Number CA R 0 0 0 0 0 0 7 0 1 3		C. State Transporter's ID [Reserved.]									
7. Transporter 2 Company Name						D. Transporter's Phone (510) 476-1740									
8. US EPA ID Number						E. State Transporter's ID [Reserved.]									
9. Designated Facility Name and Site Address ALVISO INDEPENDENT OIL 5062 ARCHER STREET ALVISO CA 95002						10. US EPA ID Number CA L 0 0 0 0 1 6 1 7 4 3									
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste Number			
a. (OIL & WATER) NON RORA HAZARDOUS WASTE LIQUID						001 TF		10/1/10		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									
15. Special Handling Instructions and Additional Information WEAR PPE, EMERGENCY CONTACT: KIRK HAYWARD 510-476-1740 ERG # 171 GOLDEN GATE TANK JOB# 7335 SITE: 5930 COLLEGE AVE 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 Shaun O'Brien				Signature <i>[Signature]</i>		Month 01		Day 19		Year 06					
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name MIKE STONE		Signature <i>[Signature]</i>		Month 01		Day 19		Year 06	
18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name		Signature		Month		Day		Year	
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.

24976417

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAL0000000316576417		Manifest Document No. 76417		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address BRIAN SHEAF C/O BRIAN SHEAFF 1945 PARKSIDE DR CONCORD CA 94519						A. State Manifest Document Number 24976417							
4. Generator's Phone (925) 689-3450						B. State Generator's ID							
5. Transporter 1 Company Name CLEARWATER ENVIRONMENTAL			6. US EPA ID Number CAR0000007013			C. State Transporter's ID (Reserved)							
7. Transporter 2 Company Name						D. Transporter's Phone (510) 476-1740							
8. US EPA ID Number						E. State Transporter's ID (Reserved)							
9. Designated Facility Name and Site Address ALVISO INDEPENDENT OIL 5002 ARCHER STREET ALVISO CA 95002						10. US EPA ID Number CAL0000161743							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		1. Waste Number	
a. (OIL & WATER) NON RCRA HAZARDOUS WASTE LIQUID						No. Type		Quantity		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.							
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Printed/Typed Name K. Shawn O'Leary				Signature <i>[Signature]</i>				Month Day Year 05/11/06					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name H. Carlos				Signature <i>[Signature]</i>				Month Day Year 05/11/06					
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month Day Year					
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.