GROUNDWATER MONITORING REPORT
November 2006

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Half Moon Bay, California

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SMCo Site #230034
GGTR Project No. 8286

Groundwater Monitoring Date: November 30, 2006
Report Submittal Date: January 17, 2007

Reviewed By:

Sami Malaeb, P.E.
Environmental Director

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INTRODUCTION

This report presents the results and findings of the October 26, 2006 groundwater monitoring and sampling activities conducted by Golden Gate Tank Removal, Inc. (GGTR) at 5930 College Avenue in Oakland, California. The Alameda County Health Care Services Agency (ACHCSA) has designated the site as Fuel Leak Case No. RO000377. Figure 1, *Site Location Map*, shows the general location of the subject property in Oakland, California. The site, adjacent properties, and associated features are shown on the revised Figure 2, *Site Plan*. The groundwater gradient map is shown on Figure 3, *Groundwater Elevation Potentiometric Map*. Table 1, *Historical Results of Groundwater Sample Analysis & Fluid-Level Data*, provides a tabulated summary of the laboratory results of historical groundwater sample analyses and fluid-level monitoring data at the site. Table 2, *2004-2006 Groundwater Sampling Results for VOCs*, provides a tabulated summary of sample analyses for VOCs

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 October 26, 2006. Figures 2 and 3 show the location of each Gettler-Ryan well relative to the subject wells at 5930 College Avenue.

SITE 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 2.5 miles east of Interstate 80 and the San Francisco Bay. The general location of the site is shown on the attached Figure 1, *Site Location Map*.

The property is currently occupied by Stoddard Automotive, for the service and repair of automobiles. No active fuel storage or distribution system currently occupies the site. The site is approximately 5,500 square feet in area with about 75% utilized by a covered warehouse/garage and 25% used as an exterior (uncovered) storage yard. The ground surface of the entire property is paved with concrete. The elevation of the site is approximately 195 feet above Mean Sea Level (Figure 1). Figure 2 presents a *Site Plan* showing pertinent site structures and adjacent properties.

The property is relatively flat lying with the topographic relief in the immediate vicinity of the site generally directed toward the southwest (Figure 1). Regional topographic relief appears to be directed toward the west-southwest in the general direction of the San

Francisco Bay. One 675-gallon gasoline UST and one 340-gallon waste oil UST were located beneath the sidewalk at the southwest corner of the site (Figure 2). The tanks were removed by GGTR in August 1996. A brief discussion of the tank removal activities is presented herein.

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.

As discussed in GGTR's *August 2006 Report of Additional Site Characterization and Groundwater Monitoring*, 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*).

PROJECT HISTORY

In August 1996, GGTR removed two underground storage tanks (USTs) and associated fuel dispenser from the site at the locations shown in Figure 2. The following table presents a summary of the tank designations, size, type of construction and contents:

Designation	Construction	Diameter (Feet)	Length (Feet)	Volume (Gallons)	Contents
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, and capped both ends. GGTR over-excavated the gasoline-contaminated soil surrounding the former UST location. The tank removal and over-excavation activities are documented in GGTR's *Tank Removal Report*, dated October 11, 1996.

Between May 1998 and October 1999, as requested by the ACHCSA, GGTR performed a preliminary subsurface soil boring investigation at the subject property and subsequently installed three groundwater monitor wells in the vicinity of the former UST cavity. Soil borings B1 to B3 were advanced immediately south, east, and west, respectively, of the former UST cavity. Following review and interpretation of all field and soil sample analytical data collected during these activities, additional soil borings B4 to B6 were then advanced at the site to further assess the extent of contamination in soil and the potential impact to groundwater. The latter borings were converted to 2-inch-diameter groundwater monitoring wells, MW-1 to MW-3. Boring and monitor well locations are shown in Figure 2.

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 April 2002. The locations of the subject monitor wells as well as Gettler-Ryan's monitoring wells are shown on Figure 2.

Based on the residual elevated concentrations of gasoline-range hydrocarbons measured in the groundwater samples collected during the April 2001 quarterly monitoring activities, the ACHCSA, in a letter dated July 9, 2001, requested a work plan to assess whether any additional contaminant sources may potentially exist onsite that may be contributing to the elevated hydrocarbon concentration in groundwater. GGTR submitted the work plan on December 19, 2001, which was subsequently approved by the ACHCSA in a letter dated January 3, 2002. GGTR, in August, October, and November 2002, GGTR implemented the UST product line excavation/removal activities and

installed soil borings B7 to B11, the locations of which are shown in Figure 2. Details are presented in GGTR's June 10, 2003 *Report of Additional Soil and Groundwater Investigation*.

Based on review of GGTR's 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 Addendum on September 30, 2004, which were conditionally approved by the ACHCSA in letters dated June 3, 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. Details of this investigation are presented in GGTR's August 29, 2006 *Report of Additional Site Characterization and Groundwater Monitoring.*

Between October 15, 2003 and April 2006, GGTR conducted quarterly groundwater monitoring and sampling activities at the site and submitted their associated Groundwater Monitoring Reports to the ACHCSA. GGTR was not contracted to conduct the Third Quarter 2006 groundwater monitoring event at the site.

GROUNDWATER MONITORING & SAMPLING – OCTOBER 2006

The scope of the work for the 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
- Electronic Data Upload to GeoTracker Database System (State Assembly Bill 2886)
- Data interpretation

Groundwater Sampling Field Procedures: On October 26, 2006 GGTR monitored and sampled MW-1 to MW-3 and PW-1. Prior to purging and sampling, GGTR removed the well cover and locking compression cap from each well and allowed the groundwater in each well column to stabilize for approximately 20 minutes. GGTR then measured and recorded the depth to groundwater and presence of floating product using a Keck® electronic oil/water interface probe. Fluid levels were measured relative to the north side of the top of each well casing to the nearest 0.01 foot.

GGTR then purged a minimum of three casing volumes from each well using a submersible pump, and simultaneously monitored and recorded the pH, temperature, and specific conductivity of the purged well water. Well purge water was transferred directly to a 55-gallon, D.O.T.-approved steel drum. After the groundwater in each well recharged to approximately 80% of its original level, GGTR collected a groundwater sample by lowering a disposable, bottom-fill, polyvinyl chloride (PVC) bailer within the well. The bailer was immediately removed from the well and the groundwater was carefully decanted from the bailer into pre-cleaned, laboratory-provided sample containers. All volatile organic analysis (VOA) vials were inverted and checked to insure that no entrapped air was present. The samples were sealed with Teflon caps, properly labeled, and stored in a cooler chilled to approximately 4ºC.

Water Sample Analytical Methods: GGTR submitted the groundwater samples under formal chain of custody command to Entech Analytical Labs, Inc. State-certified, analytical laboratory (CA ELAP #2346) in Santa Clara, California for laboratory analysis of the following fuel constituents:

- Gasoline Range Organics (TPH-G; GC-MS)
- Benzene, Toluene, Ethylbenzene and total Xylenes (BTEX; EPA8260)
- Fuel Oxygenates, including Methyl Tertiary-Butyl Ether (MTBE; EPA8260)
- VOCs (GC/MS Method 8260B)

Entech completed all volatile organic analyses by October 31, 2006, which is in conformance with the 14-day required time limit for analysis. GGTR directed Entech to submit all analytical data in electronic deliverable format in accordance with the State Water Resources Control Board Assembly Bill 2886 for submission to the State's GeoTracker database system. The analytical results for this event as well as those reported during historical monitoring events at the site are presented in Tables 1 and 2. A copy of the Laboratory Certificate of Analysis, associated Chain of Custody Record, and Fluid-Level Monitoring and Well Purge/Sampling Data Sheets and Sampling Data Sheets are included in the Appendix.

Waste Management: The well purge and equipment wash and rinse water generated during the January 2006 monitoring event (@ 30 gallons) was transferred directly to a D.O.T.-approved, 55-gallon drum, appropriately labeled and temporarily stored onsite in a secure area. On November 7, 2006, Clearwater Environmental Management, Inc. pumped the purge and wash/rinse water from the drum and transported the Non RCRA Hazardous Waste Liquid under Uniform Waste Manifest No. 925192 to the Alviso Independent Oil facility. A copy of the liquid waste manifest is included in the appendix.

GeoTracker AB2886 Electronic Submittal: GGTR directed Entech to submit all analytical data in electronic deliverable format (EDF) via the Internet. GGTR uploaded the analytical data as well as the Fluid-Level Monitoring Data (GEO_WELL) to the State Water Resources Control Board's GeoTracker Database System pursuant to State

Assembly Bill 2886. GGTR also uploaded a copy of this report in Portable Data Format (PDF) to the GeoTracker Database. A copy of each associated GeoTracker AB2886 Upload Confirmation Form is included in the Appendix.

RESULTS

Groundwater Monitoring Results: The groundwater elevations measured relative to the top of well casing in MW-1 to MW-3 and PW-1 ranged between 186.65 (MW-3) and 186.87 (PW-1) feet above Mean Sea Level.

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 October 26, 2006 monitoring event is shown on Figure 3, *Groundwater Gradient Data*. 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
10/26/06	**186.73**	**70° west of south**	**0.2 foot / 100 feet**

The groundwater elevations are referenced to mean sea level (MSL) as determined by the April 26, 2001, Wellhead Elevation and Coordinate Survey conducted by Virgil Chavez Land Surveying. 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 assumed 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 6 presents a *Rose Diagram-Historical Hydraulic Gradients* showing the historical hydraulic gradients (magnitude and direction) to date across the site. Based on review of Figure 5, the historic groundwater flow directions across the site measured during the October events since 1999, have fluctuated approximately 150°, ranging between 48° east of north to 70° west of south. The associated gradient magnitudes have fluctuated between 0.002 (October 2005/2006) to 0.032 (October 2002) foot per foot. The groundwater flow direction has generally been consistent across the site since January 2006, flowing towards MW-3 and College Avenue, and ranging between 33° and 70° west of south.

Again, GGTR calculated a flow direction and gradient to the north of the site at the former Chevron service station (5940 College Avenue) using Gettler-Ryan wells GR-MW1 and GR-MW2 and onsite well MW-1. This groundwater flow direction (81° west of north) is generally consistent with that of the April 2006 event (51° west of north), with flow directed further to the west. However, the gradient magnitude for the October 2006 gradient is again much steeper (0.022 ft/ft) than that measured for the subject property. The large difference in flow direction and gradient magnitude at the Gettler-Ryan site is again 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.

To assess the historically fluctuating groundwater flow directions at the site, GGTR calculated the groundwater gradient for the January, April and October 2006 events using groundwater elevation data from both 1) MW-1 through MW-3 and 2) MW-1, MW-3, and PW-1. Both sets of data will again be calculated for the next monitoring event and compared to regional groundwater flow direction data (west-southwest) to assess potential consistency over a period of four consecutive quarters. The gradient and flow direction for the two sets of data measured during the October 2006 event were approximately 0.0008 ft/ft, directed 37º west of south, and 0.002 ft/ft directed 70° west of south, respectively. The associated groundwater gradient data calculated for the October 26, 2006 monitoring event (MW-1, MW-3, PW-1) is shown in Figure 3, *Groundwater Elevation Potentiometric Map.* The groundwater gradient data using all four subject property wells were calculated for comparison.

Results of Groundwater Sampling and Laboratory Analysis: Elevated concentrations of TPH as Gasoline as high as 34,000 ug/l, benzene as high as 12,000 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. Elevated concentrations of TPH-G (2,800 ug/l) and benzene (61 ug/l) remain in Piezometer Well PW-1, and have fluctuated since April 2005 between 120 and 4,300 ug/l, and 2.3 and 93 ug/l, respectively. MTBE was detected in wells MW-2 and MW-3 only, at respective concentrations of 68 and 17 ug/l. Again, detectable concentrations of other gasoline-range VOCs (maximum concentrations of 180 ug/l n-propylbenzene and 2,400 ug/l 1,2,4-trimethylbenzene) were measured in MW-1 to MW-3, at levels relatively similar to those measured during previous events (Table 2). Tetrachloroethene (PCE) was again detected in PW-1 at 26 ug/l, which has decreased since the January 2006 event; Trichloroethene (6.2 ug/l) and cis-1,2-dichloroethene (32 ug/l) have increased in this well (historically high concentrations), signifying breakdown of the PCE constituent in groundwater.

Figure 7, *Well Groundwater Concentration Map*, illustrates the results of the October 2006 groundwater sample analytical results for the subject wells and Gettler-Ryan wells.

CONCLUSIONS / RECOMMENDATIONS

Groundwater monitoring and sampling of all site monitor wells / piezometer should be continued on a quarterly basis for analysis of TPH-G, BTEX, and MTBE by EPA Method 8260. If authorized by the ACHCSA, analysis for VOCs should be discontinued at the site, except for the groundwater sample collected in PW-1, which will further assess the presence of chlorinated solvents historically observed in this well. The top-of-casing elevation and coordinates for piezometer PW-1 should be professionally surveyed in relation to other site monitoring wells.

Additional recommendations from our August 29, 2006 *Report of Additional Site Characterization & Groundwater Monitoring* (January/April 2006) are as follows:

- 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.

REPORT DISTRIBUTION

A copy of this quarterly groundwater monitoring report will be submitted to the following site representatives:

Alameda County Health Care Services Agency
Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
Attention: Mr. Don Hwang **(***1Electronic Copy via ACHCSA FTP Site)*

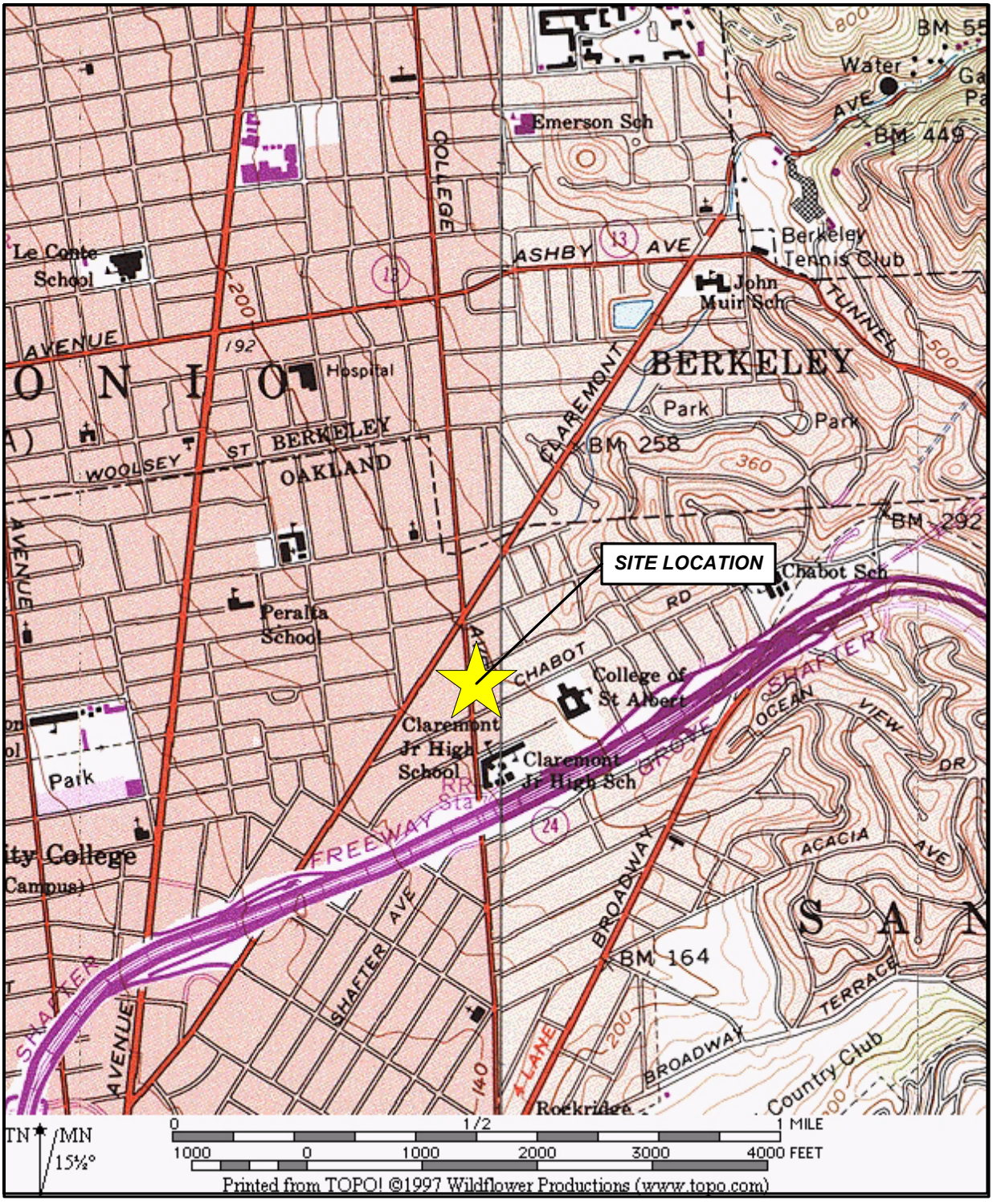
Mr. Brian Sheaff
William G. Sheaff Trust
1945 Parkside Drive
Concord, CA 94519 *(1 Copy; Bound)*

LIMITATIONS

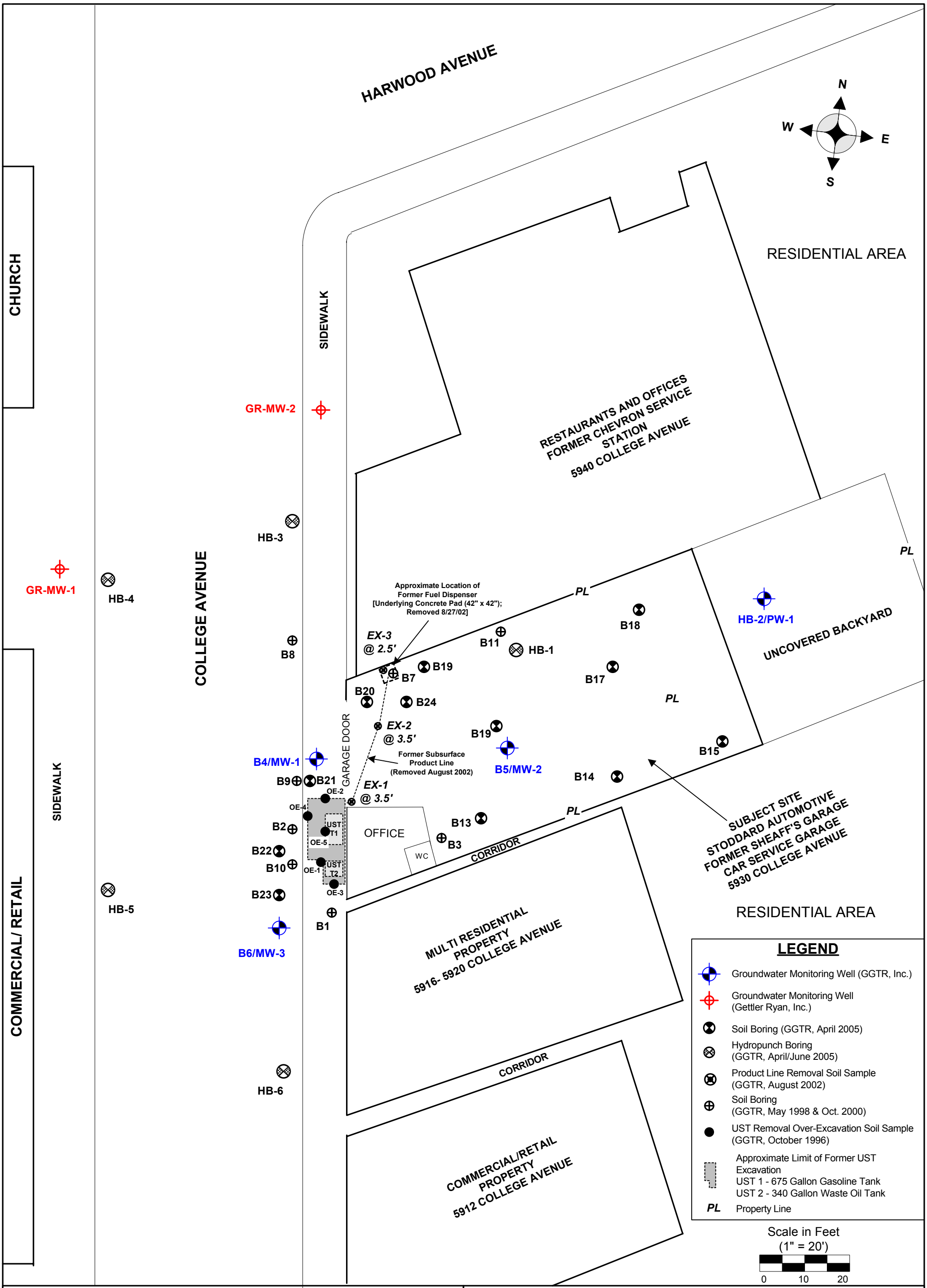
This report has been prepared in accordance with generally accepted environmental practices exercised by professional geologists, scientists, and engineers. No warranty, either expressed or implied, is made as to the professional advice presented herein. The findings contained in this report are based 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.

Golden Gate Tank Removal, Inc.



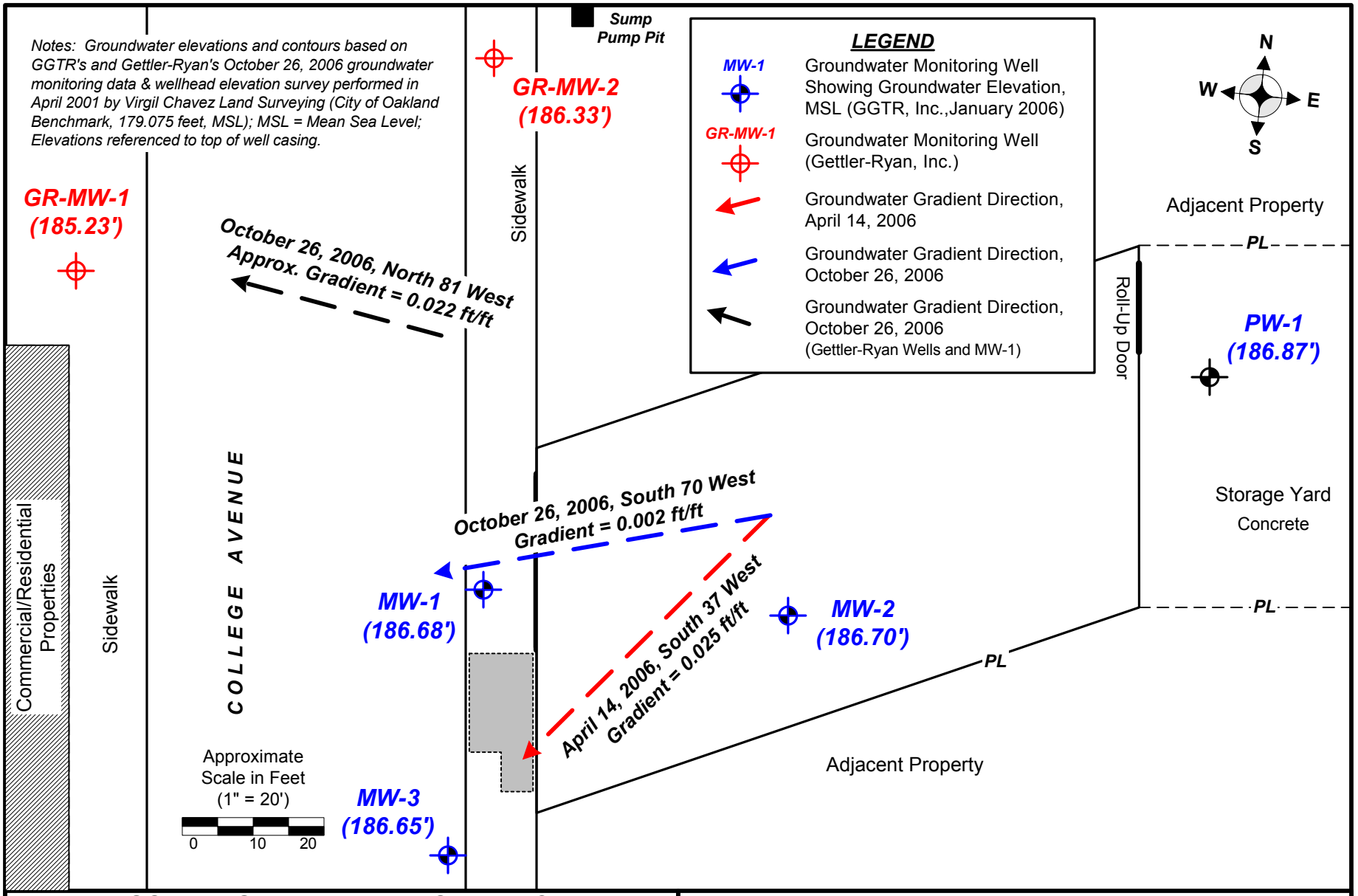
GOLDEN GATE TANK REMOVAL, INC. 255 Shipley Street San Francisco, California 94107 Ph (415) 512-1555 Fx (415) 512-0964		**SITE LOCATION MAP** Sheaff's Garage 5930 College Avenue Oakland, California	
GGTR Project No. 7335	*Dwg: baw/11.01*	*August 2006*	***Figure 1***



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

SITE PLAN
Sheaff's Service Garage
5930 College Avenue
Oakland, California

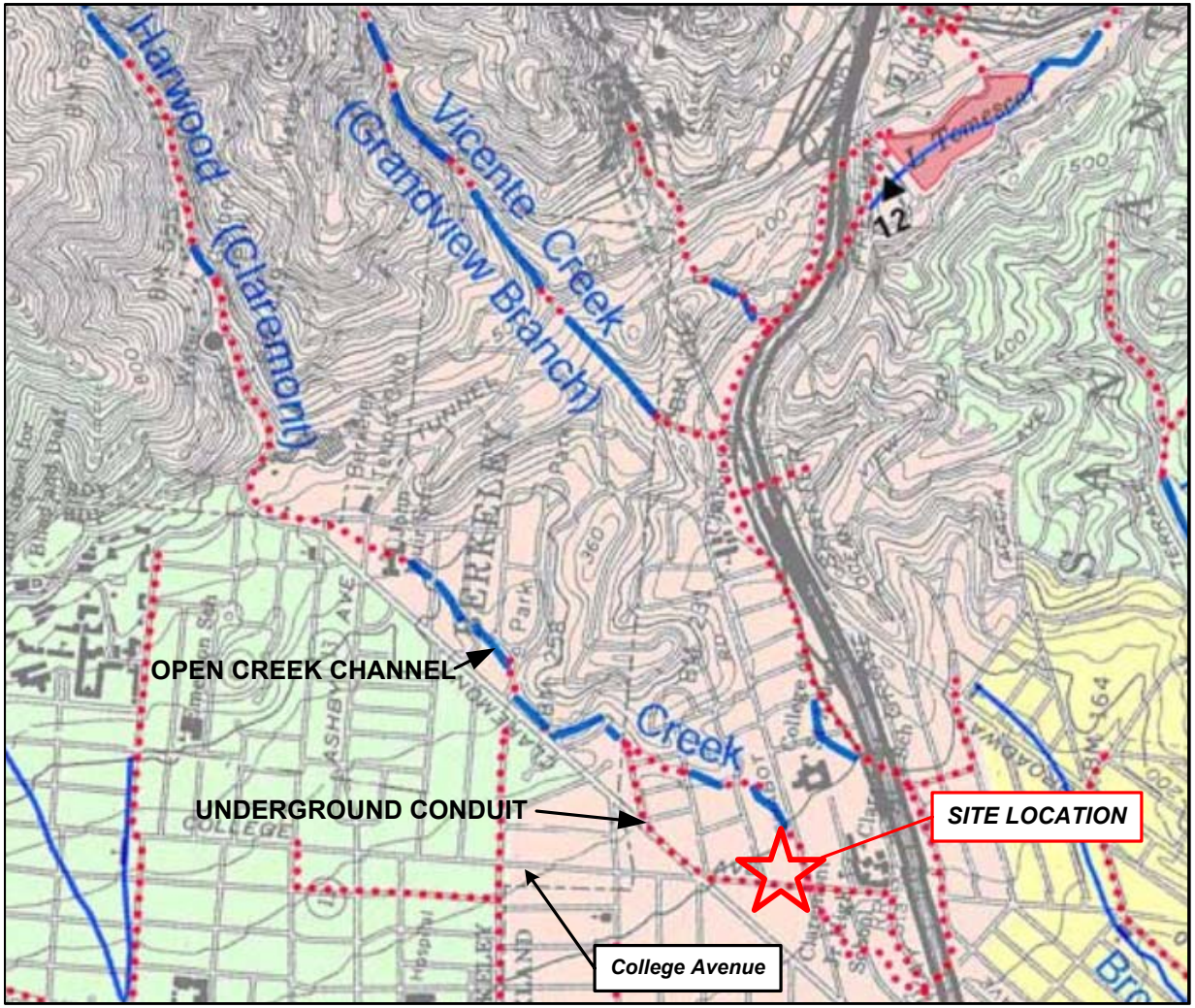
GGTR Project No. 7335	*05/30/06*	*Figure By: SM (05/06)*	***Figure 2***



GOLDEN GATE TANK REMOVAL, INC.
255 Shipley Street
San Francisco, California 94107
Phone (415) 512-1555 Fax (415) 512-0964

GROUNDWATER GRADIENT DATA
Sheaff's Garage
5930 College Avenue, Oakland, California

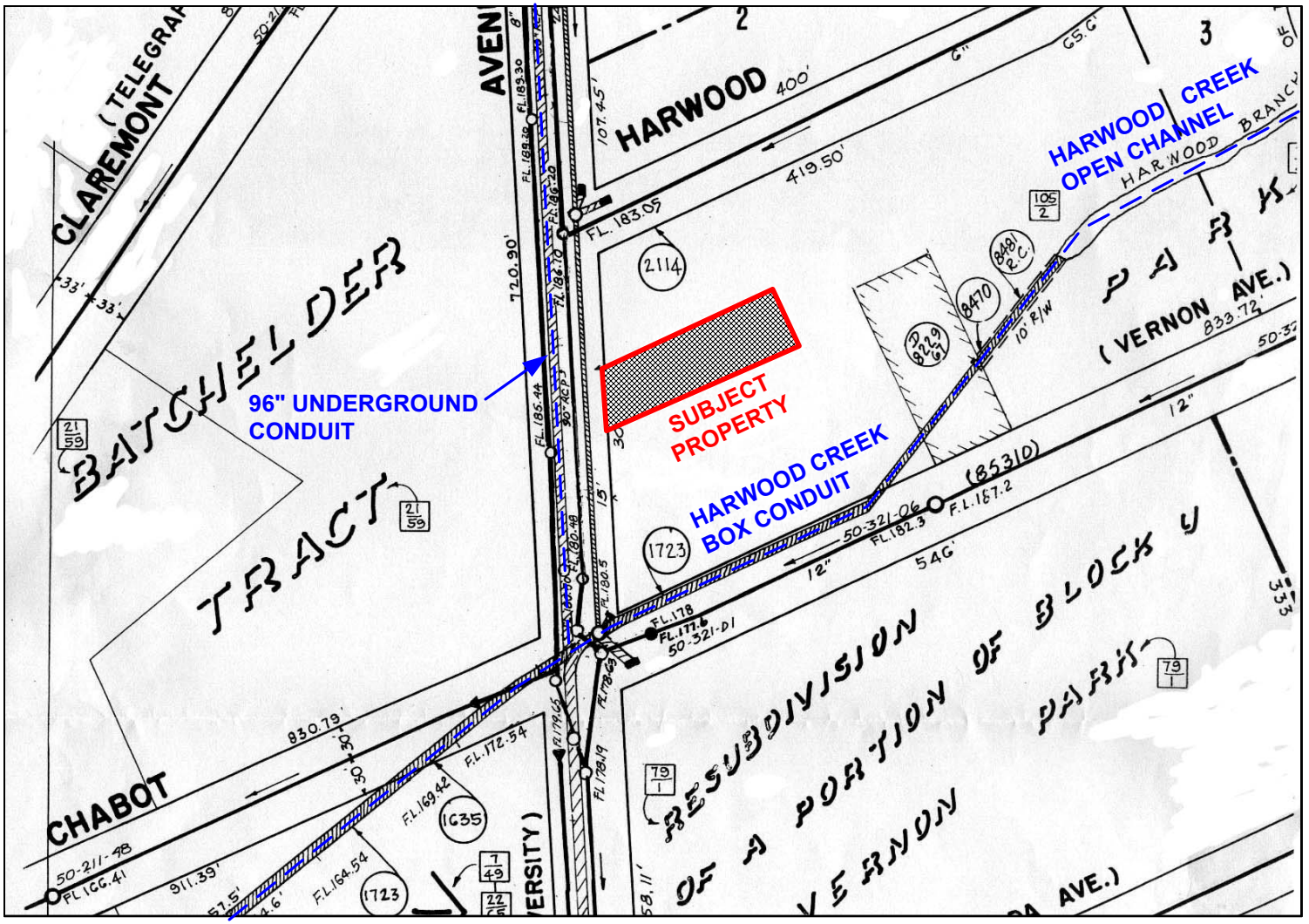
GGTR Project No. 7335	7335.4Q06 GWM.F3.GW Map.0107.vsd	Revision By: BAW 01/07	**FIGURE 3**



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.

GOLDEN GATE TANK REMOVAL, INC. 255 Shipley Street, San Francisco, CA 94107 Ph (415) 512-1555 Fx (415) 512-0964	**REGIONAL MAP OF CREEKS & CONDUITS** Sheaff's Garage 5930 College Avenue, Oakland, California

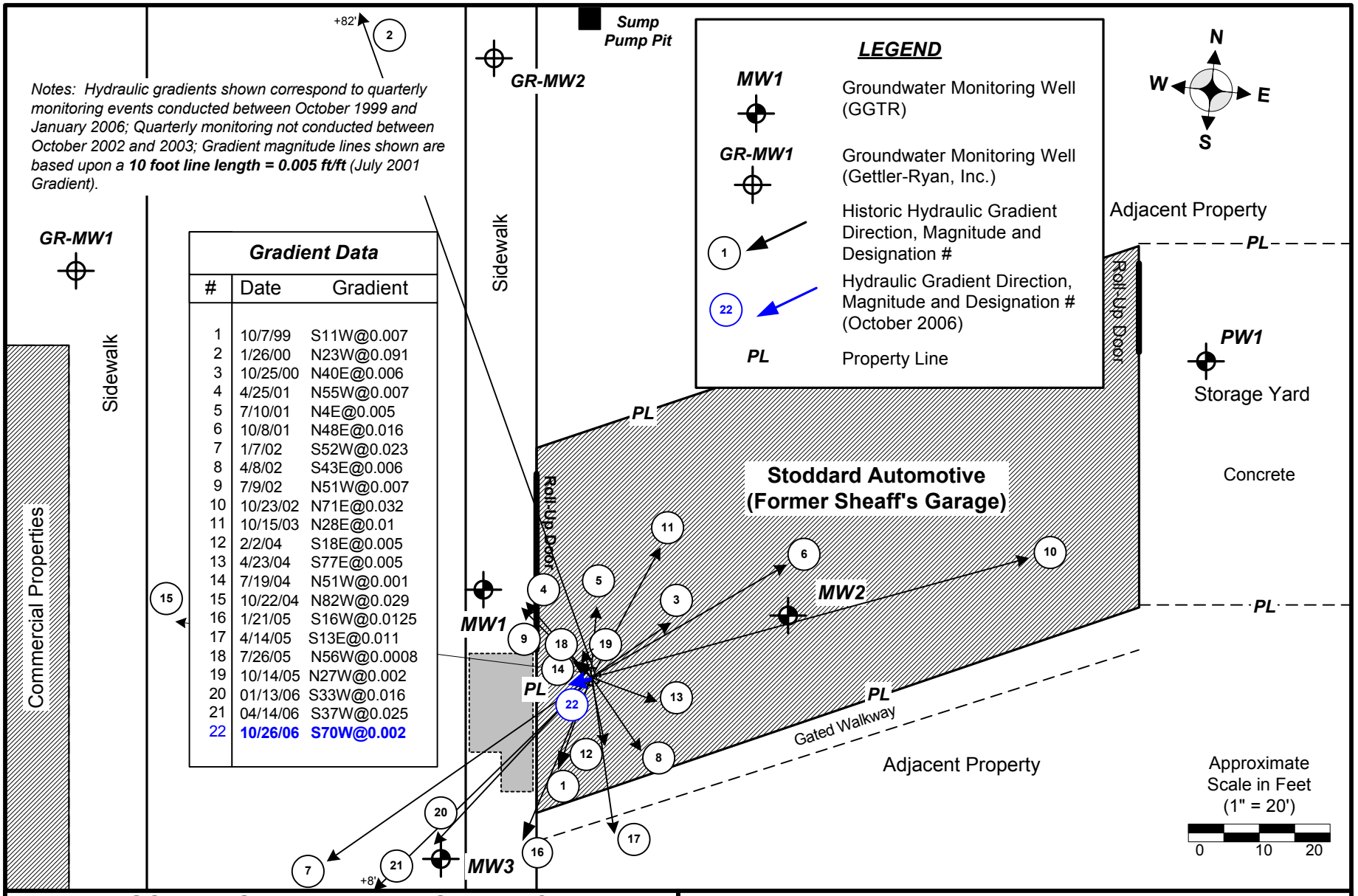
GGTR Project No. 7335	*Fn: 7335_Fig 5_ Creek Map_ASC_July 06.vsd*	*Drawn By: my/7-30-06*	***Figure 4***



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.

GOLDEN GATE TANK REMOVAL, INC. 255 Shipley Street, San Francisco, CA 94107 Ph (415) 512-1555 Fx (415) 512-0964	**LOCAL MAP OF STORM CONDUITS** Sheaff's Garage 5930 College Avenue, Oakland, California

GGTR Project No. 7335	*Fn: 7335_Fig 5_ Creek Map_ASC_July 06.vsd*	*Drawn By: my/7-30-06*	***Figure 5***



GOLDEN GATE TANK REMOVAL, INC.
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ROSE DIAGRAM: HISTORICAL HYDRAULIC GRADIENT
Sheaff's Garage
5930 College Avenue, Oakland, California

GGTR Project No. 7335	*Fn: 7335.GWM.F6.Rose Diagram*	*Revision By:baw 01/06*	***FIGURE 6***

HARWOOD AVENUE

N
W
E
S

CHURCH

SIDEWALK

COLLEGE AVENUE

SIDEWALK

COMMERCIAL/ RETAIL

RESTAURANTS AND OFFICES
FORMER CHEVRON SERVICE STATION
5940 COLLEGE AVENUE

RESIDENTIAL AREA

GR-MW-2

Analyte	Concentration (ug/L)
TPH-G	550
Benzene	ND<2.0
Toluene	0.5
Ethylbenzene	ND<2.0
Xylenes, Total	ND<10
MTBE	NA

GR-MW-2

GR-MW-1

Analyte	Concentration (ug/L)
TPH-G	ND<50
Benzene	ND<0.5
Toluene	ND<0.5
Ethylbenzene	ND<0.5
Xylenes, Total	ND<1.5
MTBE	NA

GR-MW-1

MW-2

Analyte	Concentration (ug/L)
TPH-G	8200
Benzene	1400
Toluene	51
Ethylbenzene	840
Xylenes, Total	500
MTBE	68

PW-1

Analyte	Concentration (ug/L)
TPH-G	2800
Benzene	61
Toluene	ND<5.0
Ethylbenzene	130
Xylenes, Total	34
MTBE	ND<10

HB-2/PW-1

HB-3

HB-4

HB-5

HB-6

HB-1

Approximate Location of Former Fuel Dispenser [Underlying Concrete Pad (42" x 42"); Removed 8/27/02]

EX-3 @ 2.5'

EX-2 @ 3.5'

EX-1 @ 3.5'

Former Subsurface Product Line (Removed August 2002)

GARAGE DOOR

PL

UNCOVERED BACKYARD

MW-1

Analyte	Concentration (ug/L)
TPH-G	34000
Benzene	12000
Toluene	1600
Ethylbenzene	3100
Xylenes, Total	8600
MTBE	ND<250

B4/MW-1

B5/MW-2

B6/MW-3

B1 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B13 B14 B15 B17 B18 B19 B20 B21 B22 B23 B24

OE-1 OE-2 OE-3 OE-4 OE-5

UST T1

UST T2

OFFICE

WC

CORRIDOR

MW-3

Analyte	Concentration (ug/L)
TPH-G	3100
Benzene	120
Toluene	9.8
Ethylbenzene	55
Xylenes, Total	54
MTBE	17

SUBJECT SITE
STODDARD AUTOMOTIVE
FORMER SHEAFF'S GARAGE
CAR SERVICE GARAGE
5930 COLLEGE AVENUE

MULTI RESIDENTIAL PROPERTY
5916- 5920 COLLEGE AVENUE

COMMERCIAL/RETAIL PROPERTY
5912 COLLEGE AVENUE

RESIDENTIAL AREA

LEGEND

- Groundwater Monitoring Well Showing October 2006 TPH-G, BTEX, MTBE Concentrations in ug/l (GGTR, Inc.)
- Groundwater Monitoring Well Showing October 2006 TPH-G, BTEX, MTBE Concentrations in ug/l (Gettler-Ryan, Inc.)
- Soil Boring (GGTR, April 2005)
- Hydropunch Boring (GGTR, April/June 2005)
- Product Line Removal Soil Sample (GGTR, August 2002)
- Soil Boring (GGTR, May 1998 & Oct. 2000)
- UST Removal Over-Excavation Soil Sample (GGTR, October 1996)
- Approximate Limit of Former UST Excavation
  UST 1 - 675 Gallon Gasoline Tank
  UST 2 - 340 Gallon Waste Oil Tank
- PL Property Line

Scale in Feet
(1" = 20')
0 10 20

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

Well Groundwater Concentration Map
Sheaff's Service Garage
5930 College Avenue
Oakland, California

GGTR Project No. 7335	Fn: 7335_Fig7_4Q06 GWM_GW Concentration Map	Revision By: baw (01/07)	**Figure 7**

TABLE 1

Historical Results of Groundwater Sample Hydrocarbon 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
	10/26/2006	**195.9**	**9.22**	**186.68**	**Odor**	**34000**	**--**	**ND<250**	**12000/1600/3100/8600**
CRWQCB February 2005 ESL						100	100	5	1.0 / 40 / 30 / 20

Table Notes Following

TABLE 1 (Cont.)

Historical Results of Groundwater Sample Hydrocarbon 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
	10/26/2006	**197.28**	**10.58**	**186.7**	**Odor**	**8200**	**--**	**68**	**1400/51/840/500**
CRWQCB February 2005 ESL						100	100	5	1.0 / 40 / 30 / 20

Table Notes Following

TABLE 1 (Cont.)

Historical Results of Groundwater Sample Hydrocarbon 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
	10/26/2006	**195.22**	**8.57**	**186.65**	**Odor**	**3100**	**--**	**17**	**120/9.8/55/54**
CRWQCB February 2005 ESL						100	100	5	1.0 / 40 / 30 / 20

Table Notes Following

TABLE 1 (Cont.)

Historical Results of Groundwater Sample Hydrocarbon 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
	10/26/2006	**197.17**	**10.3**	**186.87**	**Odor**	**2800**	**--**	**ND<10**	**61/ND<5.0/130/34**
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 2

2004 -2006 Groundwater VOC Sample Results

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)	Napthalene (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	992	ND<5	ND<50	ND<10	ND<10	ND<5
	4/23/2004	ND<100	180	417	1560	ND<100	ND<100	559	ND<10	1210	ND<100	ND<100	ND<50
	7/19/2004	89	239	507	1890	ND<20	ND<20	801	ND<10	ND<100	ND<20	ND<20	ND<10
	10/22/2004	ND<100	264	520	1990	ND<100	ND<100	700	ND<50	ND<500	ND<100	ND<100	ND<50
	1/21/2005	ND<200	271	525	2080	ND<200	ND<200	662	ND<100	ND<5000	ND<200	ND<200	ND<100
	4/14/2005	141	437	882	3450	ND	ND	1220	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<2500	ND<250	ND<2500	ND<250	ND<250	ND<250
	10/14//05	ND<250	ND<1200	ND<1200	2700	ND<1200	ND<1200	ND<1200	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<1200	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<1200	ND<120	ND<5000	ND<120	ND<120	ND<120
	10/26/2006	**ND<250**	**ND<1200**	**ND<1200**	**2000**	**ND<1200**	**ND<1200**	**ND<1200**	**ND<120**	**ND<5000**	**ND<120**	**ND<120**	**ND<120**
CRWQCB ESL		NC	NC	NC	NC	NC	NC	17	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)	Napthalene (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	413	ND<5	ND<50	ND<10	ND<10	ND<5
	4/23/2004	ND<100	215	469	1570	ND<100	ND<100	568	ND<5	ND<50	ND<100	ND<100	ND<50
	7/19/2004	73	173	316	1070	ND<10	74	475	ND<5	ND<50	ND<10	ND<10	ND<5
	10/22/2004	49	132	80	257	ND<10	44	227	ND<50	ND<50	ND<10	ND<10	ND<5
	1/21/2005	ND<100	239	371	1500	ND<100	ND<100	697	ND<50	ND<2500	ND<100	ND<100	ND<50
	4/14/2005	139	293	445	2390	ND	71	1490	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<2500	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<500	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<500	ND<50	ND<2000	ND<50	ND<50	ND<50
	4/14/2006	ND<100	ND<500	ND<500	1200	ND<500	ND<500	680	ND<50	ND<2000	ND<50	ND<50	ND<50
	10/26/2006	**ND<25**	**180**	**ND<120**	**320**	**ND<120**	**ND<120**	**210**	**ND<12**	**ND<500**	**ND<12**	**ND<12**	**ND<12**
CRWQCB ESL		NC	NC	NC	NC	NC	NC	17	5	5	6	NC	5

Table & Notes Following

TABLE 2 (Cont.)

2004 -2006 Groundwater VOC Sample Results

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)	Napthalene (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	33	ND<0.5	ND<5	ND<1	ND<1	ND<0.5
	4/23/2004	29	82	60	337	ND<1	24	160	ND<0.5	ND<5	ND<1	ND<1	ND<0.5
	7/19/2004	27	105	48	204	ND<1	34	16	ND<0.5	ND<5	ND<1	ND<1	ND<0.5
	10/22/2004	55	182	192	574	ND<10	42	76	ND<5	ND<50	ND<10	ND<10	ND<5
	1/21/2005	25	88	23	96	ND<1	15	43	ND<0.5	ND<25	ND<1	ND<1	ND<0.5
	4/14/2005	45	28	85	302	ND<10	28	121	ND<0.5	ND25	ND<1	ND<1	ND<0.5
	7/26/2005	ND<10	ND<50	120	250	ND<50	ND<50	60	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<100	ND<10	ND<400	ND<10	ND<10	ND<10
	1/13/2006	ND<10	120	ND<50	120	ND<50	ND<50	ND<50	ND<5	ND<200	ND<5	ND<5	ND<5
	4/14/2006	ND<20	170	ND<100	120	ND<100	ND<100	100	ND<10	ND<400	ND<10	ND<10	ND<10
	10/26/2006	**ND<10**	**82**	**ND<50**	**62**	**ND<50**	**ND<50**	**ND<50**	**ND<5.0**	**ND<200**	**ND<5.0**	**ND<5.0**	**ND<5.0**
CRWQCB ESL		NC	NC	NC	NC	NC	NC	17	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)	Napthalene (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	43	3.3	ND<25	12	ND<1	84.9
	7/26/2005	7.3	17	37	100	ND<10	ND<10	43	ND<1	ND<10	7	1.5	48
	10/14//05	28	72	67	120	12	17	43	4.1	ND<40	29	ND<1	25
	1/13/2006	ND<20	ND<10	ND<10	37	ND<10	ND<10	ND<10	1.4	ND<40	5	ND<1	95
	4/14/2006	ND<2	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	1.1	ND<40	2.8	ND<1	68
	10/26/2006	**ND<10**	**ND<50**	**ND<50**	**ND<50**	**ND<50**	**ND<50**	**ND<50**	**6.2**	**ND<200**	**32**	**ND<5.0**	**26**
CRWQCB ESL		NC	NC	NC	NC	NC	NC	17	5	5	6	NC	5

TABLE 2 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
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

APPENDIX

LABORATORY CERTIFICATES OF ANALYSIS
CHAIN OF CUSTODY FORM
FLUID-LEVEL MONITORING DATA SHEET
WELL PURGING/SAMPLING DATA SHEETS
LIQUID WASTE MANIFEST
EPA ON-LINE GRADIENT CALCULATION SHEETS
GEOTRACKER AB2886 UPLOAD CONFIRMATION FORMS

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: 52130
Issued: 10/31/2006

Global ID: T0600102112

Project Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA

Certificate of Analysis - Final Report

On October 27, 2006, samples were received under chain of custody for analysis.
Entech analyzes samples "as received" unless otherwise noted. The following results are included:

Matrix	Test / Comments
Liquid	Electronic Deliverables for Geotracker
	TPH-Purgeable: GC/MS
	VOCs: EPA 5030C / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

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 Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 10/27/2006
Sample Collected by: client

Lab # : 52130-001 **Sample ID: PW-1** **Matrix:** Liquid **Sample Date:** 10/26/2006 11:05 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		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1,1-Trichloroethane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1,2,2-Tetrachloroethane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1,2-Trichloroethane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1-Dichloroethane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1-Dichloroethene	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1-Dichloropropene	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2,3-Trichlorobenzene	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2,3-Trichloropropane	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2,4-Trichlorobenzene	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2,4-Trimethylbenzene	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2-Dibromo-3-Chloropropane	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2-Dibromoethane (EDB)	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2-Dichlorobenzene	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2-Dichloroethane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2-Dichloropropane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
1,3,5-Trimethylbenzene	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
1,3-Dichlorobenzene	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
1,3-Dichloropropane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
1,4-Dichlorobenzene	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
1,4-Dioxane	ND		10	500	µg/L	N/A	N/A	10/30/2006	WM1061030
2,2-Dichloropropane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
2-Butanone (MEK)	ND		10	200	µg/L	N/A	N/A	10/30/2006	WM1061030
2-Chloroethyl-vinyl Ether	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
2-Chlorotoluene	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
2-Hexanone	ND		10	200	µg/L	N/A	N/A	10/30/2006	WM1061030
4-Chlorotoluene	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
4-Methyl-2-Pentanone(MIBK)	ND		10	200	µg/L	N/A	N/A	10/30/2006	WM1061030
Acetone	ND		10	200	µg/L	N/A	N/A	10/30/2006	WM1061030
Acetonitrile	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
Acrolein	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
Acrylonitrile	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
Benzene	**61**		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Benzyl Chloride	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
Bromobenzene	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Bromochloromethane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Bromodichloromethane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Bromoform	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Bromomethane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Carbon Disulfide	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Carbon Tetrachloride	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Chlorobenzene	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Chloroethane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Chloroform	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Chloromethane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030

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

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: 10/27/2006
Sample Collected by: client

Lab # : 52130-001 **Sample ID: PW-1** **Matrix:** Liquid **Sample Date:** 10/26/2006 11:05 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	**32**		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
cis-1,3-Dichloropropene	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Cyclohexanone	ND		10	200	µg/L	N/A	N/A	10/30/2006	WM1061030
Dibromochloromethane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Dibromomethane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Dichlorodifluoromethane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Diisopropyl Ether	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
Ethyl Benzene	**130**		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Freon 113	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
Hexachlorobutadiene	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
Iodomethane	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
Isopropanol	ND		10	200	µg/L	N/A	N/A	10/30/2006	WM1061030
Isopropylbenzene	ND		10	10	µg/L	N/A	N/A	10/30/2006	WM1061030
Methyl-t-butyl Ether	ND		10	10	µg/L	N/A	N/A	10/30/2006	WM1061030
Methylene Chloride	ND		10	200	µg/L	N/A	N/A	10/30/2006	WM1061030
n-Butylbenzene	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
n-Propylbenzene	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
Naphthalene	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
p-Isopropyltoluene	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
Pentachloroethane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
sec-Butylbenzene	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
Styrene	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
tert-Amyl Methyl Ether	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
tert-Butanol (TBA)	ND		10	100	µg/L	N/A	N/A	10/30/2006	WM1061030
tert-Butyl Ethyl Ether	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
tert-Butylbenzene	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
Tetrachloroethene	**26**		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Tetrahydrofuran	ND		10	200	µg/L	N/A	N/A	10/30/2006	WM1061030
Toluene	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
trans-1,2-Dichloroethene	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
trans-1,3-Dichloropropene	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
trans-1,4-Dichloro-2-butene	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
Trichloroethene	**6.2**		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Trichlorofluoromethane	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Vinyl Acetate	ND		10	50	µg/L	N/A	N/A	10/30/2006	WM1061030
Vinyl Chloride	ND		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030
Xylenes, Total	**34**		10	5.0	µg/L	N/A	N/A	10/30/2006	WM1061030

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	101	60 - 130
Dibromofluoromethane	89.6	60 - 130
Toluene-d8	97.5	60 - 130

Analyzed by: XBian
Reviewed by: TFulton

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

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

Project Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 10/27/2006
Sample Collected by: client

Lab # : 52130-001 **Sample ID: PW-1** **Matrix:** Liquid **Sample Date:** 10/26/2006 11:05 AM

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	**2800**		10	250	µg/L	N/A	N/A	10/30/2006	WM1061030

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	91.1	60 - 130
Dibromofluoromethane	93.7	60 - 130
Toluene-d8	91.0	60 - 130

Analyzed by: XBian
Reviewed by: TFulton

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
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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: 10/27/2006
Sample Collected by: client

Lab # : 52130-002 **Sample ID: MW-1** **Matrix:** Liquid **Sample Date:** 10/26/2006 1:00 PM

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		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1,1-Trichloroethane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1,2,2-Tetrachloroethane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1,2-Trichloroethane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1-Dichloroethane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1-Dichloroethene	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1-Dichloropropene	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2,3-Trichlorobenzene	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2,3-Trichloropropane	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2,4-Trichlorobenzene	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2,4-Trimethylbenzene	**2000**		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2-Dibromo-3-Chloropropane	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2-Dibromoethane (EDB)	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2-Dichlorobenzene	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2-Dichloroethane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2-Dichloropropane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,3,5-Trimethylbenzene	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
1,3-Dichlorobenzene	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,3-Dichloropropane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,4-Dichlorobenzene	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,4-Dioxane	ND		250	12000	µg/L	N/A	N/A	10/30/2006	WM1061030
2,2-Dichloropropane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
2-Butanone (MEK)	ND		250	5000	µg/L	N/A	N/A	10/30/2006	WM1061030
2-Chloroethyl-vinyl Ether	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
2-Chlorotoluene	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
2-Hexanone	ND		250	5000	µg/L	N/A	N/A	10/30/2006	WM1061030
4-Chlorotoluene	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
4-Methyl-2-Pentanone(MIBK)	ND		250	5000	µg/L	N/A	N/A	10/30/2006	WM1061030
Acetone	ND		250	5000	µg/L	N/A	N/A	10/30/2006	WM1061030
Acetonitrile	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
Acrolein	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
Acrylonitrile	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
Benzene	**12000**		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Benzyl Chloride	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
Bromobenzene	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Bromochloromethane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Bromodichloromethane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Bromoform	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Bromomethane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Carbon Disulfide	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Carbon Tetrachloride	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Chlorobenzene	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Chloroethane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Chloroform	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Chloromethane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030

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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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: 10/27/2006
Sample Collected by: client

Lab # : 52130-002 **Sample ID: MW-1** **Matrix:** Liquid **Sample Date:** 10/26/2006 1:00 PM

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		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
cis-1,3-Dichloropropene	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Cyclohexanone	ND		250	5000	µg/L	N/A	N/A	10/30/2006	WM1061030
Dibromochloromethane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Dibromomethane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Dichlorodifluoromethane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Diisopropyl Ether	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
Ethyl Benzene	**3100**		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Freon 113	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
Hexachlorobutadiene	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
Iodomethane	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
Isopropanol	ND		250	5000	µg/L	N/A	N/A	10/30/2006	WM1061030
Isopropylbenzene	ND		250	250	µg/L	N/A	N/A	10/30/2006	WM1061030
Methyl-t-butyl Ether	ND		250	250	µg/L	N/A	N/A	10/30/2006	WM1061030
Methylene Chloride	ND		250	5000	µg/L	N/A	N/A	10/30/2006	WM1061030
n-Butylbenzene	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
n-Propylbenzene	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
Naphthalene	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
p-Isopropyltoluene	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
Pentachloroethane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
sec-Butylbenzene	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
Styrene	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
tert-Amyl Methyl Ether	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
tert-Butanol (TBA)	ND		250	2500	µg/L	N/A	N/A	10/30/2006	WM1061030
tert-Butyl Ethyl Ether	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
tert-Butylbenzene	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
Tetrachloroethene	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Tetrahydrofuran	ND		250	5000	µg/L	N/A	N/A	10/30/2006	WM1061030
Toluene	**1600**		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
trans-1,2-Dichloroethene	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
trans-1,3-Dichloropropene	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
trans-1,4-Dichloro-2-butene	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
Trichloroethene	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Trichlorofluoromethane	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Vinyl Acetate	ND		250	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
Vinyl Chloride	ND		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Xylenes, Total	**8600**		250	120	µg/L	N/A	N/A	10/30/2006	WM1061030

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.3	60 - 130
Dibromofluoromethane	84.9	60 - 130
Toluene-d8	99.6	60 - 130

Analyzed by: XBian
Reviewed by: TFulton

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

Entech Analytical Labs, Inc.

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

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

Project Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 10/27/2006
Sample Collected by: client

Lab # : 52130-002 **Sample ID: MW-1** **Matrix:** Liquid **Sample Date:** 10/26/2006 1:00 PM

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	**34000**		250	6200	µg/L	N/A	N/A	10/30/2006	WM1061030

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	86.9	60 - 130
Dibromofluoromethane	88.9	60 - 130
Toluene-d8	93.0	60 - 130

Analyzed by: XBian
Reviewed by: TFulton

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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: 10/27/2006
Sample Collected by: client

Lab # : 52130-003 **Sample ID: MW-2** **Matrix:** Liquid **Sample Date:** 10/26/2006 12:50 PM

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		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1,1-Trichloroethane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1,2,2-Tetrachloroethane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1,2-Trichloroethane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1-Dichloroethane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1-Dichloroethene	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
1,1-Dichloropropene	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2,3-Trichlorobenzene	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2,3-Trichloropropane	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2,4-Trichlorobenzene	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2,4-Trimethylbenzene	**320**		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2-Dibromo-3-Chloropropane	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2-Dibromoethane (EDB)	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2-Dichlorobenzene	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2-Dichloroethane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
1,2-Dichloropropane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
1,3,5-Trimethylbenzene	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
1,3-Dichlorobenzene	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
1,3-Dichloropropane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
1,4-Dichlorobenzene	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
1,4-Dioxane	ND		25	1200	µg/L	N/A	N/A	10/30/2006	WM1061030
2,2-Dichloropropane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
2-Butanone (MEK)	ND		25	500	µg/L	N/A	N/A	10/30/2006	WM1061030
2-Chloroethyl-vinyl Ether	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
2-Chlorotoluene	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
2-Hexanone	ND		25	500	µg/L	N/A	N/A	10/30/2006	WM1061030
4-Chlorotoluene	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
4-Methyl-2-Pentanone(MIBK)	ND		25	500	µg/L	N/A	N/A	10/30/2006	WM1061030
Acetone	ND		25	500	µg/L	N/A	N/A	10/30/2006	WM1061030
Acetonitrile	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Acrolein	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Acrylonitrile	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Benzene	**1400**		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Benzyl Chloride	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Bromobenzene	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Bromochloromethane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Bromodichloromethane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Bromoform	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Bromomethane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Carbon Disulfide	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Carbon Tetrachloride	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Chlorobenzene	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Chloroethane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Chloroform	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Chloromethane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030

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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: 10/27/2006
Sample Collected by: client

Lab # : 52130-003 **Sample ID: MW-2** **Matrix:** Liquid **Sample Date:** 10/26/2006 12:50 PM

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		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
cis-1,3-Dichloropropene	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Cyclohexanone	ND		25	500	µg/L	N/A	N/A	10/30/2006	WM1061030
Dibromochloromethane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Dibromomethane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Dichlorodifluoromethane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Diisopropyl Ether	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Ethyl Benzene	**840**		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Freon 113	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Hexachlorobutadiene	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Iodomethane	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Isopropanol	ND		25	500	µg/L	N/A	N/A	10/30/2006	WM1061030
Isopropylbenzene	ND		25	25	µg/L	N/A	N/A	10/30/2006	WM1061030
Methyl-t-butyl Ether	**68**		25	25	µg/L	N/A	N/A	10/30/2006	WM1061030
Methylene Chloride	ND		25	500	µg/L	N/A	N/A	10/30/2006	WM1061030
n-Butylbenzene	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
n-Propylbenzene	**180**		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Naphthalene	**210**		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
p-Isopropyltoluene	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Pentachloroethane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
sec-Butylbenzene	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Styrene	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
tert-Amyl Methyl Ether	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
tert-Butanol (TBA)	ND		25	250	µg/L	N/A	N/A	10/30/2006	WM1061030
tert-Butyl Ethyl Ether	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
tert-Butylbenzene	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Tetrachloroethene	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Tetrahydrofuran	ND		25	500	µg/L	N/A	N/A	10/30/2006	WM1061030
Toluene	**51**		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
trans-1,2-Dichloroethene	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
trans-1,3-Dichloropropene	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
trans-1,4-Dichloro-2-butene	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Trichloroethene	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Trichlorofluoromethane	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Vinyl Acetate	ND		25	120	µg/L	N/A	N/A	10/30/2006	WM1061030
Vinyl Chloride	ND		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030
Xylenes, Total	**500**		25	12	µg/L	N/A	N/A	10/30/2006	WM1061030

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	94.0	60 - 130
Dibromofluoromethane	84.8	60 - 130
Toluene-d8	96.7	60 - 130

Analyzed by: XBian
Reviewed by: TFulton

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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: 10/27/2006
Sample Collected by: client

Lab # : 52130-003 **Sample ID: MW-2** **Matrix:** Liquid **Sample Date:** 10/26/2006 12:50 PM

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	**8200**		25	620	µg/L	N/A	N/A	10/30/2006	WM1061030

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	84.8	60 - 130
Dibromofluoromethane	88.7	60 - 130
Toluene-d8	90.2	60 - 130

Analyzed by: XBian
Reviewed by: TFulton

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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: 10/27/2006
Sample Collected by: client

Lab # : 52130-004 **Sample ID: MW-3** **Matrix:** Liquid **Sample Date:** 10/26/2006 12:40 PM

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		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
1,1,1-Trichloroethane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
1,1,2,2-Tetrachloroethane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
1,1,2-Trichloroethane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
1,1-Dichloroethane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
1,1-Dichloroethene	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
1,1-Dichloropropene	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
1,2,3-Trichlorobenzene	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
1,2,3-Trichloropropane	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
1,2,4-Trichlorobenzene	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
1,2,4-Trimethylbenzene	**62**		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
1,2-Dibromo-3-Chloropropane	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
1,2-Dibromoethane (EDB)	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
1,2-Dichlorobenzene	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
1,2-Dichloroethane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
1,2-Dichloropropane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
1,3,5-Trimethylbenzene	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
1,3-Dichlorobenzene	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
1,3-Dichloropropane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
1,4-Dichlorobenzene	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
1,4-Dioxane	ND		10	500	µg/L	N/A	N/A	10/31/2006	WM1061030
2,2-Dichloropropane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
2-Butanone (MEK)	ND		10	200	µg/L	N/A	N/A	10/31/2006	WM1061030
2-Chloroethyl-vinyl Ether	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
2-Chlorotoluene	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
2-Hexanone	ND		10	200	µg/L	N/A	N/A	10/31/2006	WM1061030
4-Chlorotoluene	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
4-Methyl-2-Pentanone(MIBK)	ND		10	200	µg/L	N/A	N/A	10/31/2006	WM1061030
Acetone	ND		10	200	µg/L	N/A	N/A	10/31/2006	WM1061030
Acetonitrile	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
Acrolein	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
Acrylonitrile	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
Benzene	**120**		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Benzyl Chloride	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
Bromobenzene	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Bromochloromethane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Bromodichloromethane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Bromoform	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Bromomethane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Carbon Disulfide	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Carbon Tetrachloride	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Chlorobenzene	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Chloroethane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Chloroform	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Chloromethane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030

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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: 10/27/2006
Sample Collected by: client

Lab # : 52130-004 **Sample ID: MW-3** **Matrix:** Liquid **Sample Date:** 10/26/2006 12:40 PM

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		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
cis-1,3-Dichloropropene	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Cyclohexanone	ND		10	200	µg/L	N/A	N/A	10/31/2006	WM1061030
Dibromochloromethane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Dibromomethane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Dichlorodifluoromethane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Diisopropyl Ether	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
Ethyl Benzene	**55**		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Freon 113	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
Hexachlorobutadiene	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
Iodomethane	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
Isopropanol	ND		10	200	µg/L	N/A	N/A	10/31/2006	WM1061030
Isopropylbenzene	ND		10	10	µg/L	N/A	N/A	10/31/2006	WM1061030
Methyl-t-butyl Ether	**17**		10	10	µg/L	N/A	N/A	10/31/2006	WM1061030
Methylene Chloride	ND		10	200	µg/L	N/A	N/A	10/31/2006	WM1061030
n-Butylbenzene	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
n-Propylbenzene	**82**		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
Naphthalene	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
p-Isopropyltoluene	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
Pentachloroethane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
sec-Butylbenzene	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
Styrene	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
tert-Amyl Methyl Ether	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
tert-Butanol (TBA)	ND		10	100	µg/L	N/A	N/A	10/31/2006	WM1061030
tert-Butyl Ethyl Ether	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
tert-Butylbenzene	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
Tetrachloroethene	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Tetrahydrofuran	ND		10	200	µg/L	N/A	N/A	10/31/2006	WM1061030
Toluene	**9.8**		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
trans-1,2-Dichloroethene	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
trans-1,3-Dichloropropene	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
trans-1,4-Dichloro-2-butene	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
Trichloroethene	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Trichlorofluoromethane	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Vinyl Acetate	ND		10	50	µg/L	N/A	N/A	10/31/2006	WM1061030
Vinyl Chloride	ND		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030
Xylenes, Total	**54**		10	5.0	µg/L	N/A	N/A	10/31/2006	WM1061030

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	92.2	60 - 130
Dibromofluoromethane	85.6	60 - 130
Toluene-d8	105	60 - 130

Analyzed by: XBian
Reviewed by: TFulton

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

Entech Analytical Labs, Inc.

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

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

Project Name: 7335 Sheaff's Garage
Project Location: 5930 College Ave/Oakland,CA
GlobalID: T0600102112

Certificate of Analysis - Data Report

Samples Received: 10/27/2006
Sample Collected by: client

Lab # : 52130-004 **Sample ID: MW-3** **Matrix:** Liquid **Sample Date:** 10/26/2006 12:40 PM

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	**3100**		10	250	µg/L	N/A	N/A	10/31/2006	WM1061030

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	83.2	60 - 130
Dibromofluoromethane	89.6	60 - 130
Toluene-d8	97.9	60 - 130

Analyzed by: XBian
Reviewed by: TFulton

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

Entech Analytical Labs, Inc.

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

Method Blank - Liquid - VOCs: EPA 5030C / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WM1061030

Validated by: TFulton - 10/31/06

QC Batch Analysis Date: 10/30/2006

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	5.0	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 - VOCs: EPA 5030C / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WM1061030

Validated by: TFulton - 10/31/06

QC Batch Analysis Date: 10/30/2006

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	5.0	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	5.0	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	**89.3**	70 - 125
Toluene-d8	**100**	70 - 125

Method Blank - Liquid - TPH-Purgeable: GC/MS

QC Batch ID: WM1061030

Validated by: TFulton - 10/31/06

QC Batch Analysis Date: 10/30/2006

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

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**93.3**	60 - 130
Dibromofluoromethane	**93.5**	60 - 130
Toluene-d8	**93.8**	60 - 130

Entech Analytical Labs, Inc.

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

LCS / LCSD - Liquid - VOCs: EPA 5030C / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WM1061030 Reviewed by: TFulton - 10/31/06

QC Batch ID Analysis Date: 10/30/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	17.9	µg/L	89.5	70 - 130
Benzene	<0.50	20	20.6	µg/L	103	70 - 130
Chlorobenzene	<0.50	20	21.1	µg/L	106	70 - 130
Methyl-t-butyl Ether	<1.0	20	21.7	µg/L	108	70 - 130
Toluene	<0.50	20	18.8	µg/L	94.0	70 - 130
Trichloroethene	<0.50	20	21.1	µg/L	106	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**117.0**	60 - 130
Dibromofluoromethane	**103.0**	60 - 130
Toluene-d8	**98.5**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.50	20	17.8	µg/L	89.0	0.56	25.0	70 - 130
Benzene	<0.50	20	19.2	µg/L	96.0	7.0	25.0	70 - 130
Chlorobenzene	<0.50	20	19.9	µg/L	99.5	5.9	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	20.4	µg/L	102	6.2	25.0	70 - 130
Toluene	<0.50	20	18.5	µg/L	92.5	1.6	25.0	70 - 130
Trichloroethene	<0.50	20	19.5	µg/L	97.5	7.9	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**105.0**	60 - 130
Dibromofluoromethane	**97.4**	60 - 130
Toluene-d8	**97.3**	60 - 130

LCS / LCSD - Liquid - TPH-Purgeable: GC/MS

QC Batch ID: WM1061030 Reviewed by: TFulton - 10/31/06

QC Batch ID Analysis Date: 10/30/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<25	120	150	µg/L	120	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**94.1**	60 - 130
Dibromofluoromethane	**93.7**	60 - 130
Toluene-d8	**93.3**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	120	148	µg/L	119	0.94	30.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**92.6**	60 - 130
Dibromofluoromethane	**96.8**	60 - 130
Toluene-d8	**95.3**	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.: (415) 512-1555	Purchase Order No.: # 7335	Invoice to: (If Different)	Phone:	
Company Name: GOLDEN GATE TANK REMOVAL INC.	Fax No.: (415) 512-0964	Project No. / Name: SHEAFFS GARAGE / 7335	Company:		
Mailing Address: 255 SHIPLEY ST.	Email Address: data@ggtr.com		Billing Address: (If Different)		
City: SAN FRANCISCO	State: CA Zip Code: 94107	Project Location: 5930 COLLEGE AVE, OAKLAND CA	City:	State:	Zip:

Entech Order ID: 52130

EDF ☒ Global ID: T0600102112

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

Sample Information
Sampler: RV/SC

Circle Applicable

Client ID	Field Point	Date	Time	Entech Lab. No.	Matrix	No. of Containers	EPA 8260B Full List	8260 Petroleum: List includes: Gas, BTEX MtBE, EtBE, TBA, TAME, DIPE, 1,2-DCA, EDB	EPA 8270: Base/Neutral/Acid Organics 8270 Full List PAHs Only PAHs - SIM	Pesticides-8081 PCBs - 8082	TPH Extractable: Diesel, Motor Oil, Other w/ Si-Gel Cleanup	TPH Gas, BTEX, MtBE by EPA 8015/8021B	Metals - Circle Below Total Dissolved STLC TCLP	Remarks Instructions
BW-1	BW-1	10-26-06	1105	001	GW	4	X	X						
MW-1	MW-1	10-26-06	1300	002		4	X	X						
MW-2	MW-2	10-26-06	1250	003		4	X	X						
MW-3	MW-3	10-26-06	1240	004	↓	4	X	X						

4 Day TAT

Relinquished by:	Received by:	Date:	Time:
		10/26/06	1604
		10/27/06	0800
		10/27/06	1030

Lab Use:

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

Lab Use:
Samples: Iced Y/N Temperature: _____ Shipment Method: _____
Appropriate Containers/Preservatives: Y/N Custody Seals? Y/N
Labels match CoC? Y/N Headspace? Y/N Seperate Receipt Log Y/N

If any N's, Explain:

Dysert Environmental, Inc.

FLUID-LEVEL MONITORING DATA

Project Name: 7335 / SHEAFF'S GARAGE Date: 10-26-06

Project/Site Location: 5930 COLLEGE AVE, OAKLAND

Technician: RV/SC Method: ELECTRONIC

Boring/ Well	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Total Well Depth (feet)	Comments
PW-1	10.30			18.20	@0950
MW-1	9.22			14.64	@1005
MW-2	10.58			19.63	@0955
MW-3	8.57			18.93	H_2O IN WELL BOX, BELOW CASING. @1000

Measurements referenced to top of well casing.

MW-1

DYSERT ENVIRONMENTAL, INC.
WELL PURGING / SAMPLING DATA

Dysert Environmental, Inc.

DATE: 10-26-06

PROJECT: SHEAFF'S GARAGE/7335
SITE LOCATION: 5930 COLLEGE AVE.

CITY: OAKLAND **STATE:** CA

PURGE DEVICE

circle one: (12volt 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:
WELL NUMBER / FIELD POINT ID: MW-1
A. TOTAL WELL DEPTH: 14.64
B. DEPTH TO WATER: 9.22
C. WATER HEIGHT (A-B): 5.42
D. WELL CASING DIAMETER: 2
E. CASING VOLUME: 0.7
F. SINGLE CASE VOLUME (CxE): 1.1
G. CASE VOLUME (s) (CxEx 3): 3.2
H: 80% RECHARGE LEVEL (F+B): 10.32

PURGE DATA

START TIME: 1217
PUMP DEPTH: 10'
FINISH TIME: 1229
PUMP DEPTH: 11'

RECHARGE / SAMPLE TIME

DEPTH TO WATER: 10.27 **TIME MEASURED:** 1235
GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one (YES) NO
SAMPLE TIME: 1300 **DEPTH TO WATER:** 9.22
SAMPLE APPEARANCE / ODOR: CLEAR / Fuel
TOTAL GALLONS PURGED: 3.5

WELL FLUID PARAMETERS

CASE VOL.	0	0.5	1	1.5	2	2.5	3	POST
Ph	6.65	6.48	6.45	6.44	6.46	6.49	6.49	6.44
TEMP in °C	18.1	19.0	18.5	18.1	18.6	18.4	18.3	17.9
COND / SC	524	939	922	933	927	927	913	929
DTW								
Pump Depth	10.0	11	11.0	11	11	11	11	11
Pump Rate	1 LTR. PER MIN.	11	11	11	11	11	11	11

MW-2

DYSERT ENVIRONMENTAL, INC.
WELL PURGING / SAMPLING DATA

Dysert Environmental, Inc.

PROJECT: SHEAFF'S GARAGE/7335 DATE: 10-26-06
SITE LOCATION: 5930 College Ave.

CITY: OAKLAND STATE: CA

PURGE DEVICE

circle one: (12volt 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:
WELL NUMBER / FIELD POINT ID: MW-2
A. TOTAL WELL DEPTH: 19.63
B. DEPTH TO WATER: 10.58
C. WATER HEIGHT (A-B): 9.05
D. WELL CASING DIAMETER: 2
E. CASING VOLUME: 0.2
F. SINGLE CASE VOLUME (CxE): 1.81
G. CASE VOLUME (s) (CxEx 3): 5.43
H: 80% RECHARGE LEVEL (F+B): 12.39

PURGE DATA

START TIME: 1146
PUMP DEPTH: 14-
FINISH TIME: 1208
PUMP DEPTH: 14-

RECHARGE / SAMPLE TIME

DEPTH TO WATER: 16.29 TIME MEASURED: 1210
GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one (YES) NO
SAMPLE TIME: 1250 DEPTH TO WATER: 12.35
SAMPLE APPEARANCE / ODOR: CLEAR / FUEL
TOTAL GALLONS PURGED: 5.4

WELL FLUID PARAMETERS

CASE VOL.	0	0.5	1	1.5	2	2.5	3	POST
Ph	6.33	6.45	6.40	6.41	6.43	6.44	6.39	6.38
TEMP in °C	16.8	19.5	18.3	17.6	17.9	19.3	18.3	18.8
COND / SC	985	963	961	961	952	929	881	920
DTW								
Pump Depth	14.0	"	"	"	"	"	15.0	"
Pump Rate	1 LTR, PER MIN.	"	"	"	"	"	"	"

MW-3

DYSERT ENVIRONMENTAL, INC.
WELL PURGING / SAMPLING DATA

Dysert Environmental, Inc.

PROJECT: SHEAFF'S GARAGE/7335 **DATE:** 10-26-06
SITE LOCATION: 5930 COLLEGE AVE.

CITY: OAKLAND **STATE:** CA

PURGE DEVICE

circle one: (12volt 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: S CASSADY / R. VASQUEZ
WELL NUMBER / FIELD POINT ID: MW-3
A. TOTAL WELL DEPTH: 18.93
B. DEPTH TO WATER: 8.57
C. WATER HEIGHT (A-B): 10.36
D. WELL CASING DIAMETER: 2
E. CASING VOLUME: 0.7
F. SINGLE CASE VOLUME (CxE): 2.1
G. CASE VOLUME (s) (CxEx 3): 6.3
H: 80% RECHARGE LEVEL (F+B): 10.67

PURGE DATA

START TIME: 1107
PUMP DEPTH: 9'
FINISH TIME: 1127
PUMP DEPTH: 12'

RECHARGE / SAMPLE TIME

DEPTH TO WATER: 12.75 **TIME MEASURED:** 1130
GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one (YES) NO
SAMPLE TIME: 1240 **DEPTH TO WATER:** 10.40
SAMPLE APPEARANCE / ODOR: CLEAR / FUEL
TOTAL GALLONS PURGED: 6.5

WELL FLUID PARAMETERS

CASE VOL.	0	0.5	1	1.5	2	2.5	3	POST
Ph	6.41	6.52	6.62	6.65	6.59	6.61	6.61	6.62
TEMP in °C	18.6	17.4	17.8	17.5	17.7	16.8	17.3	16.9
COND / SC	481	354	353	356	339	391	385	410
DTW								
Pump Depth	9.0	"	10.0	"	11.0	"	12.0	"
Pump Rate	1,000 GPD per min.	"	"	"	"	"	"	"

PW-1

DYSERT ENVIRONMENTAL, INC.
WELL PURGING / SAMPLING DATA

Dysert Environmental, Inc.

DATE: 10-26-06

PROJECT: SHEAFF's GARAGE / 7385
SITE LOCATION: 5930 COLLEGE AVE.

CITY: OAKLAND **STATE:** CA

PURGE DEVICE

circle one: (12volt 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: S. CASSADY / R. VASQUEZ
WELL NUMBER / FIELD POINT ID: PW-1
A. TOTAL WELL DEPTH: 18.20
B. DEPTH TO WATER: 10.30
C. WATER HEIGHT (A-B): 7.9
D. WELL CASING DIAMETER: 2
E. CASING VOLUME: 0.2
F. SINGLE CASE VOLUME (CxE): 1.58
G. CASE VOLUME (s) (CxEx 3): 4.74
H: 80% RECHARGE LEVEL (F+B): 11.88

PURGE DATA

START TIME: 1035
PUMP DEPTH: ~~[illegible]~~ 12'
FINISH TIME: 1055
PUMP DEPTH: 12'

RECHARGE / SAMPLE TIME

DEPTH TO WATER: 11.44 **TIME MEASURED:** 1100
GREATER THAN OR EQUAL TO 80% RECHARGE LEVEL (H): circle one (YES) NO
SAMPLE TIME: 1105 **DEPTH TO WATER:** 11.17
SAMPLE APPEARANCE / ODOR: BROWN / FUEL
TOTAL GALLONS PURGED: 4.75

WELL FLUID PARAMETERS

CASE VOL.	0	0.5	1	1.5	2	2.5	3	POST
Ph	6.31	6.26	6.30	6.30	6.32	6.54	6.53	6.49
TEMP in °C	19.1	18.4	18.4	18.9	18.6	18.3	18.4	18.5
COND / SC	421	304	298	316	321	476	474	418
DTW								
Pump Depth	12.0	"	"	"	"	"	"	"
Pump Rate	1 LTR. PER MIN.	"	"	"	"	"	"	"

Scanned

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAL000003165	1	(510)476-1740	000925192 JJK

GENERATOR

5. Generator's Name and Mailing Address
WILLIAM G. SHEAFF TRUST C/O BRIAN SHEAFF
1945 PARKSIDE DR
CONCORD CA 94519
Generator's Phone: 925 689-3450

Generator's Site Address (if different than mailing address)
5930 COLLEGE (GEOTECH)
OAKLAND CA 94618

6. Transporter 1 Company Name
CLEARWATER ENVIRONMENTAL
U.S. EPA ID Number: CAR000007013

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
ALVISO INDEPENDENT OIL
5002 ARCHER STREET
ALVISO CA 95002
Facility's Phone: (510)476-1740
U.S. EPA ID Number: CAL000161743

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. (OIL & WATER) NON RCRA HAZARDOUS WASTE LIQUID	001	TT	30	G	223
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
WEAR PPE, EMERGENCY CONTACT: KIRK HAYWARD, ERG # 171 GOLDEN GATE TANK REMOVAL JOB # 7335

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: EUGENIO DIAZ
Signature:
Month: 11 Day: 7 Year: 06

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: MICHAEL MOGA
Signature:
Month: 11 Day: 7 Year: 06
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Signature: Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

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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

Example Data Set 1 | Calculate | Clear
Save Data | Recall Data | Go Back

Site Name: Sheaff's Garage

Date: 10/26/06 Current Date

Calculation basis: Head

Coordinates: ft

	x-coordinate	y-coordinate	head ft
MW-1	65	51	186.68
PW-1	164	88	186.87
MW-3	63	8	186.65

Gradient Magnitude (i) 0.001798

Degrees from North (+ y axis) 249.9

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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

Example Data Set 1 | Calculate | Clear

Save Data | Recall Data | Go Back

Site Name: Sheaff's Garage

Date: 10/26/06 Current Date

Calculation basis: Head

Coordinates: ft

	x-coordinate	y-coordinate	head ft
MW-1	65	51	186.68
MW-2	111	46	186.70
MW-3	63	8	186.65

Gradient Magnitude (i): 0.0008441

Degrees from North (+ y axis): 217.0

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Gradient and Direction from Four or More Points

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Hydraulic Gradient

Gradient Calculation from fitting a plane to as many as fifteen points

$$a x_1 + b y_1 + c = h_1$$
$$a x_2 + b y_2 + c = h_2$$
$$a x_3 + b y_3 + c = h_3$$
$$\cdots$$
$$a x_{15} + b y_{15} + c = h_{15}$$

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

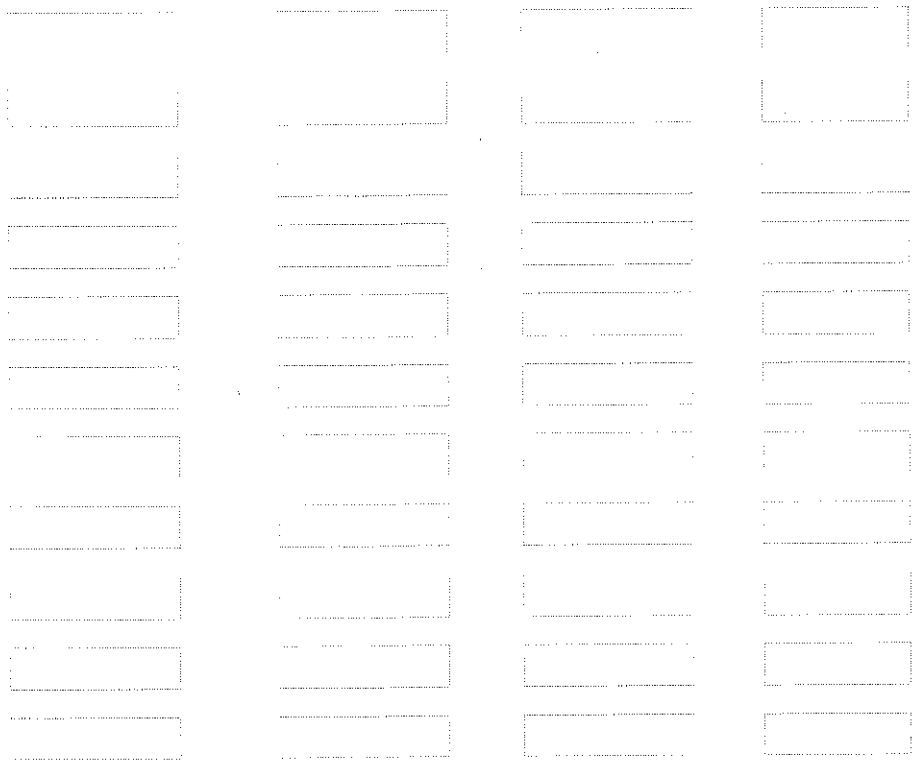
Site Name: Sheaff's Garage

Date: 10/26/06 Current Date

Calculation basis: Head

Coordinates: ft

I.D.	x-coordinate	y-coordinate	head ft
MW-1	65	51	186.68
MW-2	111	46	186.70
MW-3	63	8	186.65
PW-1	164	88	186.87



Number of Points Used in Calculation	4
Max. Difference Between Head Values	0.06706
Gradient Magnitude (i)	0.001722
Flow direction as degrees from North (positive y axis)	231.2
Coefficient of Determination (R^2)	0.932

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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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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

Example Data Set 1 | Calculate | Clear
Save Data | Recall Data | Go Back

Site Name 5940 College Avenue

Date 10/26/06 Current Date

Calculation basis Head

Coordinates ft

	x-coordinate	y-coordinate	head ft
GR-MW-1	4	86	185.23
GR-MW-2	60	121	186.33
MW-1	65	51	186.68

Gradient Magnitude (i) 0.02207

Degrees from North (+ y axis) 279.0

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Your EDF file has been successfully uploaded!

Confirmation Number: 6043400526
Date/Time of Submittal: 1/11/2007 2:00:02 PM
Facility Global ID: T0600102112
Facility Name: SHEAFFS SERVICE GARAGE
Submittal Title: 52130 - 4Q06 GW Analytical Data (10/26/06)
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

SHEAFFS SERVICE GARAGE
5930 COLLEGE
OAKLAND, CA 94618

Regional Board - Case #: 01-2296
SAN FRANCISCO BAY RWQCB (REGION 2)
Local Agency (lead agency) - Case #: RO0000377
ALAMEDA COUNTY LOP - **(DH)**

CONF #	TITLE	QUARTER
6043400526	52130 - 4Q06 GW Analytical Data (10/26/06)	Q4 2006

SUBMITTED BY	SUBMIT DATE	STATUS
Brent Wheeler	1/11/2007	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%	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

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Electronic Submittal Information

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UPLOADING A GEO_WELL FILE

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Title:	**Fluid-Level Monitoring Data MW-1 to MW-3, PW-1 (10/26/06)**
Submittal Date/Time:	**1/11/2007 3:15:53 PM**
Confirmation Number:	**9846653819**

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