



RECEIVED

By loprojectop at 8:48 am, Jan 26, 2006

**REPORT OF PRELIMINARY
SITE CHARACTERIZATION**

**748 Lincoln Avenue
Alameda, California
ACHCSA Site #RO0002880**

Prepared For:

Mr. Robert Bond
865 Hallmark Drive
Redding, CA 96001

Prepared By:

Golden Gate Tank Removal, Inc.
255 Shipley Street
San Francisco, California 94107

GGTR Project No. 8657
January 25, 2006

TABLE OF CONTENTS

INTRODUCTION	1
Purpose.....	1
Scope of Work	1
Site Location and Description.....	2
Site Geology and Hydrogeology.....	2
gradient of the subject property (Figure 1).....	3
Site Subsurface Conditions.....	3
Environmental Site History & Chronology	3
INVESTIGATION ACTIVITIES.....	4
Sequence	4
Pre-Field Activities.....	4
Soil Boring and Sampling Activities	5
Grab Groundwater Sampling & Backfilling Activities	6
Soil Sample Analysis	6
Grab Groundwater Sample Analysis	7
Temporary Wellhead Elevation Survey.....	7
Waste Management.....	8
Findings of Investigation	8
Conclusions / Recommendation	9
Limitations and Certification.....	10
Report Distribution	11
References.....	11

FIGURES:

- 1 Site Location Map
- 2 Site Plan (Soil Boring Locations)
- 3 Cross Section A-A' (Location Referenced in Figure 2)
- 4 Groundwater Potentiometric Map

TABLES:

- 1 Historical Results of Tank Removal Sample Analysis
- 2 Results of Subsurface Boring Soil Sample Analysis
- 3 Results of Groundwater Sample Analysis

APPENDICES:

- A Regulatory Correspondence, Permits
- B Soil Boring Logs
- C Analytical Reports, Chain of Custody Records, GeoTracker Confirmation Forms
- D Survey Data Sheet, Fluid-Level Monitoring Data Sheet
- E Waste Manifest, Weight Ticket

**REPORT OF PRELIMINARY
SITE CHARACTERIZATION
748 Lincoln Avenue, Alameda, California**

INTRODUCTION

Purpose

Golden Gate Tank Removal, Inc. (GGTR) is pleased to submit this report, which discusses the activities and findings of the preliminary soil and groundwater investigation activities, conducted in November and December 2005 at the Monterey Apartments located at 748 Lincoln Avenue in Alameda, California. The report was prepared in response to an August 17, 2005 letter issued by the Alameda County Health Care Services Agency (ACHCSA; Site #RO0002880), which requested assessment to determine the extent of hydrocarbons in soil and groundwater in the direct vicinity of the former underground storage tank (UST) system.

The purpose of this report is to present the activities and findings of the subsurface investigation performed at the site, and based on evaluation and interpretation of the data obtained, provide conclusions and recommendations for additionally required investigation or site closure review. The investigation activities were conducted in general accordance with our work plan dated September 23, 2005, which was approved by the ACHCSA in their letter dated November 2, 2005. The general scope of work proposed in the work plan included drilling four percussion subsurface soil borings and collecting representative soil and grab groundwater samples for laboratory analysis. The investigation activities were performed in general accordance with the State Water Resources Control Board's Leaking Underground Fuel Tank (LUFT) manual and the TRI-Regional Board Staff Recommendation for Preliminary Evaluation and Investigation of Underground Tank Sites. Copies of the ACHCSA September 23 and November 2, 2005 letters are presented in Appendix A.

Scope of Work

The general scope of work conducted at the site included the following:

- Pre-field work activities and permitting
- Percussion soil boring activities
- Soil and grab groundwater sampling activities
- Sample handling and transportation
- Backfilling activities
- Sample analysis
- Temporary wellhead elevation survey
- Waste Management
- Data interpretation, report preparation and submittal.

Site Location and Description

The subject commercial property is located at 748 Lincoln Avenue, along the south side of Lincoln Avenue, between Webster Street and 8th Street in Alameda, California. The general location of the site is shown on the attached Figure 1, *Site Location Map*.

The subject site (748 Lincoln Avenue) is located on the south side of Lincoln Avenue, approximately 380 feet west of the intersection of Eighth Street (Constitution Way) and Lincoln Avenue, in the City and County of Alameda. The site lies approximately 900 feet (0.17 mile) east of Webster Street, 1.5 mile south of the Nimitz Freeway, and approximately 0.9 mile south and up gradient of the Oakland Inner Harbor and 0.5 mile north of San Francisco Bay (Figure 1). As shown in Figure 1, the elevation of the property is approximately 17 feet above Mean Sea Level. The property consists of a rectangular site occupying 9,750 square feet (0.22 acre) in lot area and has been owned by Mr. Robert Bond since September 1972 (Alameda County Assessor Parcel 73-419-47). The property is relatively flat lying with the topographic relief generally directed towards the north-northeast (Figure 1), in the general direction of the Oakland Inner Harbor. The subject and vicinity properties are zoned as General Residential District (R-5; City of Alameda Planning & Zoning).

A multi-story, apartment building, approximately 7,625 square feet in area, is situated on the majority of the property, with two open basement garage entrances on the north side of the building providing access to tenant vehicular parking. At least two active sump pumps are located on the north and east sides of the basement floor to evacuate water having accumulated during periods of high rainfall and/or runoff. The surface area in the parking garage is completely paved with concrete. The north entryway of the property is paved throughout with concrete, with small areas on each side of the garage driveway ramps landscaped with lawn (Figure 2). The City right of way sidewalk borders the north property line.

One heating oil UST was located beneath the sidewalk in front of the northeast corner of the subject site, and as discussed previously, was removed by GGTR in June 2005. Site features and the approximate location of the former UST are shown in Figure 2.

Site Geology and Hydrogeology

According to a Geologic Map of the San Francisco-San Jose Quadrangle (California Department of Conservation, 1990), the site lies on dune sand and artificial fill and underlain by up to 500 feet of Quaternary alluvial deposits (unconsolidated and dissected stream and basin deposits) and possibly marine sandstone, shale, cherts, and conglomerates of the Mesozoic Franciscan Complex (thickness not established). Soil texture at the site reported during the tank removal activities was a sandy clay / clayey sand. The geologic map also indicates that the site is situated approximately 5 miles southwest and 16 miles northeast of the Hayward and San Andreas Fault Zones, respectively.

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.

The regional groundwater flow direction in the vicinity of the site is estimated to be toward the north-northeast, in the general direction of the Oakland Inner Harbor and decreasing topographic relief. The nearest surface water body is the Robert Crown Memorial State Beach Inlet of the San Francisco Bay, located approximately 0.5 mile southwest and lateral gradient of the subject property (Figure 1).

Site Subsurface Conditions

Shallow subsurface soil texture described by GGTR field personnel during the November 2005 soil boring and sampling activities, was predominantly a moist to wet, well-sorted, silty, fine- to medium-grained sand (moderate to dark yellowish brown) to the total explored sample depth of 24 feet below grade (fbg) elevation (See Boring Logs, Appendix B). A slight hydrocarbon odor was detected in B4 only, at approximately 11 fbg. The depth to groundwater at the site as measured during drilling activities on November 22, 2005, was between approximately 8 and 9 fbg (non-static). The static groundwater level measured during temporary wellhead elevation survey activities (B2-B4) on November 22, 2005, was between 8.12 and 8.94 fbg, and the associated groundwater flow direction was directed toward the east-northeast (N82E @ 0.009 foot/foot).

Environmental Site History & Chronology

On June 15, 2005, Golden Gate Tank Removal, Inc. (GGTR) removed one heating oil (Diesel #2) UST from the subject property, at the approximate location shown in Figure 2. A soil sample collected from the east end of the excavation at 11.5 feet below grade (fbg) contained non-detectable concentrations of total petroleum hydrocarbons (TPH) as diesel (TPH-D; <2.5 mg/kg), benzene, toluene, ethylbenzene, and total xylenes (BTEX <0.25 mg/kg), methyl tertiary butyl ether (MTBE; <0.25), and tert-butyl ethyl ether (<0.25). The grab groundwater sample collected from the center of the excavation at approximately 10 fbg (following stabilization) contained 9,100 micrograms per liter (ug/l) TPH-D and non-detectable concentrations of BTEX, MTBE, and tert-butyl ethyl ether. The approximate location of each sample is shown in Figure 2.

During removal and sampling activities, a plumbing contractor cut the associated subsurface product piping, at a location approximately 9 feet south of the UST excavation. GGTR subsequently drained the piping of residual product and removed the 9-foot section from the site (Figure 2). The subsurface product piping remaining in place and extending further south beneath the parking garage was capped. No fuel dispenser was located onsite. The excavation was subsequently backfilled with the tank removal overburden soil (3-10 fbg) and

clean imported Class II baserock (0.5-3 fbg), and the overlying sidewalk was replaced with concrete according to City of Alameda DPW requirements. UST removal and sampling activities were conducted under the direct supervision of Mr. Robert Weston of the ACHCSA. Additional details and tabulated soil/groundwater sample analytical results are in *GGTR's June 27, 2005 Tank Closure Report*.

Based on review of the findings of the aforementioned Tank Closure Report, the ACHCSA, in a letter dated August 17, 2005, requested that a work plan be prepared to assess the extent of soil and groundwater contamination in the direct vicinity of the former UST. On September 23, 2005, GGTR submitted their Work Plan for Preliminary Site Characterization, which was subsequently approved by the ACHCSA in a letter dated November 2, 2005. Implementation of the approved work plan activities is presented in the following sections.

INVESTIGATION ACTIVITIES

Sequence

The following is GGTR's sequence of additional investigation activities performed at the subject property in November 2005.

- Notified all representative parties of scheduled field activities
- Obtained a Drilling Permit from the Alameda County Public Works Agency
- Obtained an Excavation Permit from City of Alameda Department of Public Works
- Conducted site mark out and notify Underground Service Alert for utility clearance
- Conducted soil boring and sampling activities
- Submitted soil and grab groundwater samples to State-licensed environmental laboratory for analysis
- Performed temporary wellhead elevation survey activities to establish site specific groundwater gradient data
- Profiled, transported, and disposed of all fuel-effected solid/liquid waste
- Interpreted all field and analytical data and prepared summary report; upload all analytical data to State GeoTracker Database System

Pre-Field Activities

Prior to commencing all fieldwork, GGTR scheduled Gregg Drilling & Testing, Inc. (Gregg) of Martinez, California for the proposed percussion drilling activities at the subject property. GGTR prepared a Community Site Health and Safety Plan (HASp) for all field activities performed at the subject property, and obtained Drilling Permit No. W2005-1105 from the Alameda County Public Works Agency (Water Resources Section) and Right of Way Permit No. EX05-0164 from the City of Alameda Public Works Department (Planning and Building Department). GGTR then notified all property representatives and regulatory personnel of

all scheduled field work dates. GGTR marked the general work area and proposed boring locations in white surface paint and notified Underground Service Alert approximately 72 hours prior to commencement of drilling activities, so that any subsurface utilities extending through the work area are located. A copy of the drilling and excavation permits is included in Appendix A.

Proposed boring locations were chosen in areas free of conflict with overhead utility lines and marked subsurface utilities, and in areas accessible for a limited access, truck-mounted GeoProbe® drill rig. Actual boring locations were determined by on-site field personnel during drilling activities, and are shown in Figure 2.

Soil Boring and Sampling Activities

On November 18, 2005, GGTR contracted Gregg (State Contractors C-57 License #485165) to perform the additional soil boring and sampling activities at the site. GGTR initially conducted a safety tailgate meeting with all pertinent site personnel to discuss all information provided in the project Health and Safety Plan. GGTR inspected the percussion drill tubes for cleanliness to avoid cross contamination between differing sites.

Prior to drilling, GGTR directed Gregg to hand auger the proposed soil boring (B1 through B4) up to approximately 4 fbg to clear for any unmarked utilities. Gregg drilled B1 through B4 up to approximately 24 fbg using 2-inch diameter, percussion drill tubing (Direct Push Technology). The locations of each soil boring are shown in Figure 2. Continuous soil samples were collected in each boring at 4-foot intervals, between 5 and 24 fbg, by hydraulically driving a 1- to 2-inch-diameter, butyrate plastic tube-lined, core sampler into relatively undisturbed soil.

At the bottom section of each sample interval, GGTR monitored and recorded the organic vapor concentrations of each soil sample using a Thermo® 580B Organic Vapor Analyzer and classified and logged all samples and hand auger soil cuttings using the Unified Soil Classification System and Munsell Rock Color Chart. Soil boring logs of B1 through B4 are presented in Appendix B.

Immediately following sample collection, GGTR chose a representative portion of the sample tube (1-foot-length) from each sample interval, sealed the ends of each sample tube with Teflon® tape and plastic caps, appropriately labeled each tube and transferred the samples to a cooler chilled to approximately 4° Centigrade. The core sampler was washed between each sample interval using an Alconox® solution and double rinsed with clean, potable water. Equipment wash and rinse water was subsequently transferred to a 5-gallon D.O.T.-approved steel bucket and temporarily stored onsite.

Grab Groundwater Sampling & Backfilling Activities

Following soil sampling activities in each soil boring, Gregg temporarily placed 0.75-inch-diameter, factory-sealed, screened piezometer casing to the approximate total depth of each borehole. GGTR monitored and recorded the depth to groundwater (DTW) in each borehole (relative to grade surface) using an electronic water level indicator. Gregg then collected a grab groundwater samples in B1 through B4 using a clean, stainless steel, 0.5-inch-diameter bailer. GGTR carefully drained the groundwater sample from the bottom of the bailer directly into laboratory-cleaned amber 1-liter bottles and 40-milliliter volatile organic analysis (VOA) vials. GGTR sealed each sample container with a threaded cap and inverted the VOA vials to insure no headspaces or entrapped air bubbles were present. GGTR appropriately labeled each sample container and immediately placed the samples in a cooler chilled to approximately 4° Centigrade.

Following grab groundwater sampling, GGTR removed the temporary well casing from B1 and backfilled the borehole with neat Portland cement (0.5-20 fbg) and surface concrete. GGTR then secured the well casing in B2 through B4 at grade surface and placed a steel cover and hydrated bentonite paste above each borehole location to inhibit any potential surface water infiltration.

Soil Sample Analysis

On November 22, 2005, GGTR submitted the soil samples collected during the additional soil boring activities under respective formal chain-of-custody command to Entech Analytical Laboratories (CA ELAP #2346) for analysis. A 4-point composite sample of the containerized soil cuttings, and selected samples from each boring were analyzed by the following California Department of Health Services approved methods.

- Total Petroleum Hydrocarbons (TPH) as Diesel (TPH-D; EPA 8015M) w/ Silica Gel Cleanup
- Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX; EPA Method 8020)
- Methyl tertiary-butyl ether (MTBE; EPA Method 8020)

For waste characterization, the composite soil sample was additionally analyzed for Total Lead. Entech performed all sample extraction and analysis by December 1, 2005, in conformance with the maximum 14-day hold time for the volatile analyses.

Figure 3 presents a cross section (A-A'; location referenced in Figure 2) through B2 and B4, showing soil lithology, sample depth intervals, and laboratory analytical results of soil samples collected in these borings. Table 2, attached, summarizes the laboratory results of soil boring samples collected during the additional soil boring activities performed in November 2005. A copy of the respective laboratory analytical reports and chain of custody records as well as associated Quality Assurance and Quality Control (QA/QC) details is included in Appendix C.

Grab Groundwater Sample Analysis

On November 22, 2005, GGTR also submitted the grab groundwater sample under respective formal chain-of-custody command to Entech for analysis. The grab groundwater samples collected in B1 through B4 were analyzed for the following Department of Health Services approved methods.

- BTEX (EPA Method 8020)
- MTBE (EPA Method 8020)
- TPH-D (EPA Method 8015M) w/ Silica Gel Cleanup

The grab groundwater sample collected in B2 was additionally analyzed for Total Dissolved Solids. Entech performed all groundwater extraction and analysis procedures by December 1, 2005, in conformance with the maximum 14 day hold time for the volatile analyses.

The attached Table 3 includes the laboratory analytical results of the grab groundwater samples collected in B1 through B4. A copy of the respective laboratory analytical report, QA/QC details, and chain of custody record is included in Appendix C.

GGTR uploaded all soil and grab groundwater sample analysis in electronic deliverable format (EDF) to the State Water Resources Control Board's GeoTracker Database System pursuant to State Assembly Bill 2886. **The GeoTracker Upload Confirmation Numbers are 9162265658 and 2796403050.** A copy of each EDF confirmation report corresponding to Lab Number/Submittal Titles 46427 and 46452 is included in Appendix C.

Temporary Wellhead Elevation Survey

On November 22, 2005, GGTR returned to the site and monitored and recorded the depth to water in each temporary well casing (B2-B4) using an electronic water level indicator. GGTR then surveyed the wellhead and grade elevations of each temporary well casing using an electronic level and measuring rod. All wellhead elevations were measured relative to an arbitrary datum with an assumed site elevation of 17 feet (not Mean Sea level). Wellhead elevations were measured from the top (north side) of each temporary well casing, with an accuracy of 0.01 foot. Figure 4 presents a *Groundwater Potentiometric Map* showing the approximate groundwater gradient and flow direction across the monitored area for this event. Table 3A includes the fluid-level monitoring and groundwater gradient data measured in each temporary well during this monitoring/survey event. A copy of the survey data sheet and associated fluid-level monitoring data sheet is in Appendix D.

GGTR subsequently extracted the temporary well casing and backfilled each open borehole with neat Portland cement to approximately 0.5 foot below grade surface. The balance of each borehole was backfilled with either asphalt patch or surface concrete to restore original site conditions.

Waste Management

A minimal volume of equipment wash and rinse water was generated during drilling and sampling activities. Gregg transported the relatively clean liquid waste (@ 2 Gallons) to their yard for disposal/recycling.

Following receipt of the composite soil sample analyses, GGTR profiled the solid waste stream for transport and disposal to designated disposal/recycling facilities. On December 16, 2005, following waste acceptance under Approval # SWIC 6041 (December 15, 2005), GGTR transported the drummed soil cuttings (@ 0.06 ton) under Non-Hazardous Waste Manifest No. 74482 to Allied Waste's, Class II, Forward Landfill facility in Manteca, California. Appendix E includes a copy of the solid waste manifest and associated weight ticket.

Findings of Investigation

Summary / General Site Conditions

- On November 18, 2005, GGTR percussion-drilled four (4) subsurface investigative soil borings, B1 through B4, up to approximately 24 fbg along the north, northeast, west, and southeast sides of the former tank excavation site to evaluate the extent of hydrocarbon-affected soil and groundwater in the vicinity of the former UST. Soil samples were collected continuously in each boring between 5 and 24 fbg. GGTR collected grab groundwater samples from B1 through B4. Each borehole was subsequently backfilled with neat Portland cement and either asphalt patch or surface concrete.
- The property is currently occupied by the Monterey Apartments, a multi-family residential building. The property consists of a rectangular site occupying 9,750 square feet (0.22 acre) in lot area. The elevation of the site is approximately 17 feet above Mean Sea Level (Figure 1).
- The site is underlain by dune sand and artificial fill and by up to 500 feet of Quaternary alluvial deposits (unconsolidated and dissected stream and basin deposits) and possibly marine sandstone, shale, cherts, and conglomerates of the Mesozoic Franciscan Complex (thickness not established).
- Subsurface soil encountered at the site during the additional soil and groundwater investigation activities was predominantly moist to wet, moderate to dark yellowish brown, well sorted, silty, fine-to-medium grained sand. A slight hydrocarbon odor was detected in B4 only, at approximately 11 fbg.
- The regional groundwater flow direction in the vicinity of the site is estimated to be toward the north-northeast, in the general direction of the Oakland Inner Harbor and decreasing topographic relief.

- The static groundwater level measured during temporary wellhead elevation survey activities (B2-B4) on November 22, 2005, was between 8.12 and 8.94 fbg. The groundwater gradient across the site was approximately 0.009 foot per foot directed 82° east of north.
- Soil cuttings were placed in 5-gallon steel buckets (2) and temporarily stored onsite. Following profiling, GGTR transported the drummed soil cuttings (@ 0.06 ton) under Non-Hazardous Waste Manifest to Allied Waste's, Class II, Forward Landfill facility in Manteca, California.

Soil Analytical Data (Refer To Attached Table 2)

- All soil samples collected in B1 through B4 between 4 and 24 fbg, contained non-detectable concentrations of TPH-D, BTEX, and MTBE, not exceeding applicable environmental screening levels.

Grab Groundwater Analytical Data (Refer To Attached Table 3)

- The grab groundwater samples collected in soil borings B1 through B4 contained non-detectable concentrations TPH-D, BTEX, and MTBE, neither exceeding applicable environmental screening levels nor municipal supply water quality objectives (maximum contaminant levels).
- The grab groundwater sample collected in B2 contained 240 mg/l Total Dissolved Solids.

Conclusions / Recommendation

Based on the findings of the November 2005 soil boring and sampling activities, subsurface soil (up to approximately 24 fbg) and shallow groundwater in the vicinity of the former diesel UST cavity has not been affected by diesel-range hydrocarbons. GGTR recommends that no further action be conducted at the site and that the ACHCSA initiate site closure review.


Limitations and Certification

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

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

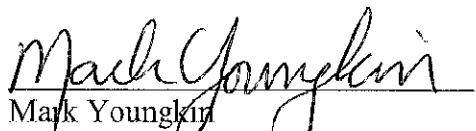
Golden Gate Tank Removal, Inc.

Authored By:



Brent A. Wheeler, E.I.T.
Project Engineer

Reviewed By:



Mark Youngkin
Registered Geologist, CEG No.1380

Report Distribution

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

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

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

Mr. Robert G Bond
865 Hallmark Drive
Redding, California, 96001

(2 Copies Bound w/ CD)

References

ACHCSA, August 17, 2005. Notice of Responsibility, 748 Lincoln Avenue, Alameda, California; Ariu Levi.

ACHCSA, November 2, 2005. Work Plan Approval, 748 Lincoln Avenue, Alameda, California; Amir K. Gholami.

California Division of Mines & Geology, 1990. Geologic Map of the San Francisco-San Jose Quadrangle, Wagner, D.L., Bortugno, E.J., and McJunkin, R.D.

California Regional Water Quality Control Board, San Francisco Bay Region. Application of Environmental Screening Levels and Decision Making to Sites With Impacted Soil and Groundwater; Volume 1, Interim Final – February 2005.

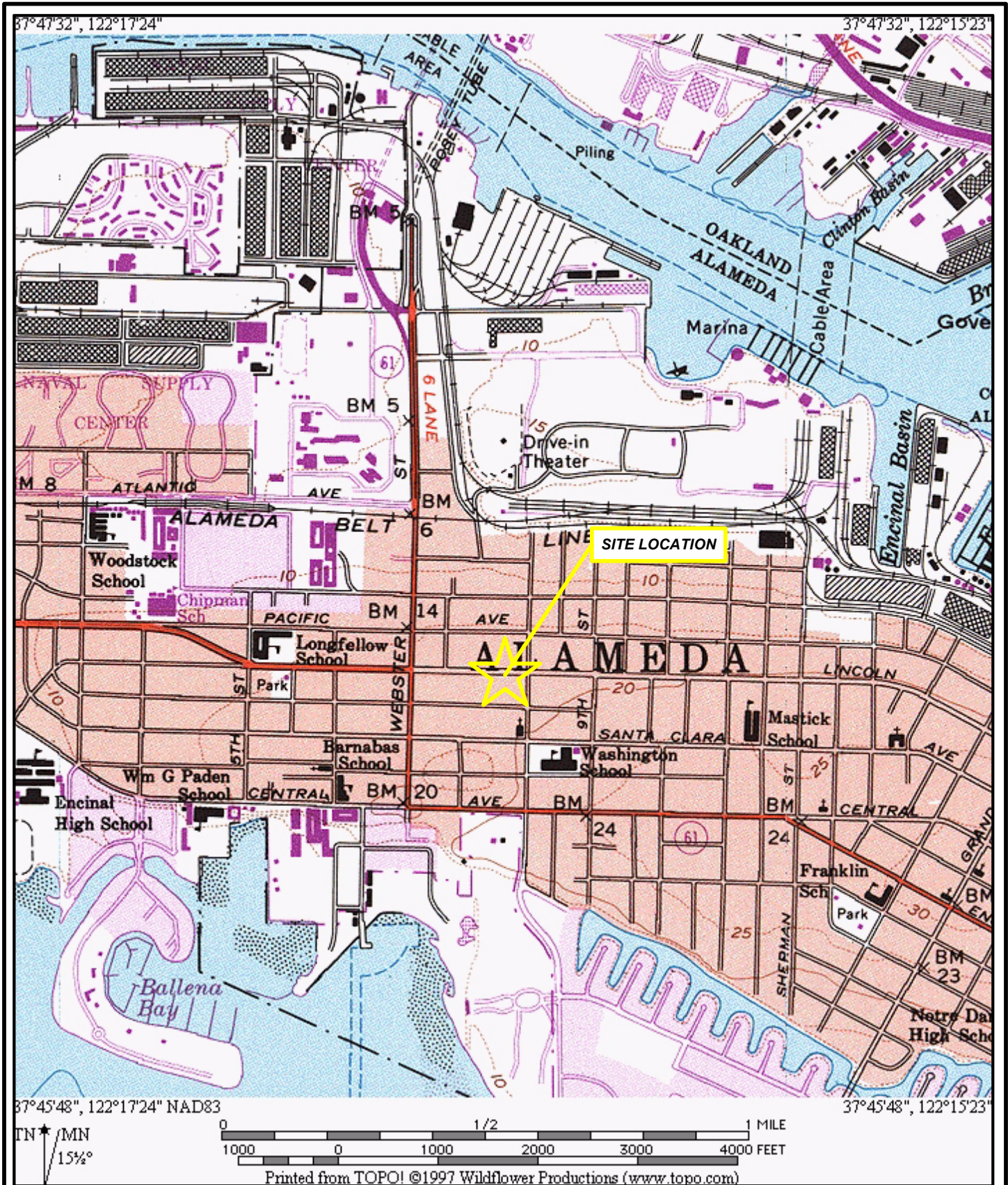
California Regional Water Quality Control Board, San Francisco Bay Region. Tri-Regional Staff Recommendations for Preliminary Evaluation and Investigation of Underground Storage Tank Sites, August 1990.

California Regional Water Quality Control Board, San Francisco Bay Region, 1995. Water Quality Control Plan, San Francisco Bay Region.

Geological Society of America, 1991. Munsell Rock Color Chart

GGTR, June 2005. Tank Closure Report, 748 Lincoln Avenue, Alameda, California. Project No. 8657. June 27, 2005.

GGTR, September 2005. Work Plan for Preliminary Site Characterization, 748 Lincoln Avenue, Alameda, California; September 23, 2005.







GOLDEN GATE TANK REMOVAL, INC.

255 Shipley Street
 San Francisco, CA 94107
 Ph (415) 512-1555 Fx (415) 512-0964

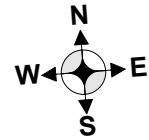
SITE LOCATION MAP

748 Lincoln Avenue
 Alameda, California

LEGEND

-  **B1** Soil Boring Location (November 18, 2005)
-  UST Removal Soil/ Groundwater Sample (June 15, 2005)
-  Cross Section A-A' (Refer to Figure 3)
-  Approximate Limit of UST Excavation
- PL** Property Line

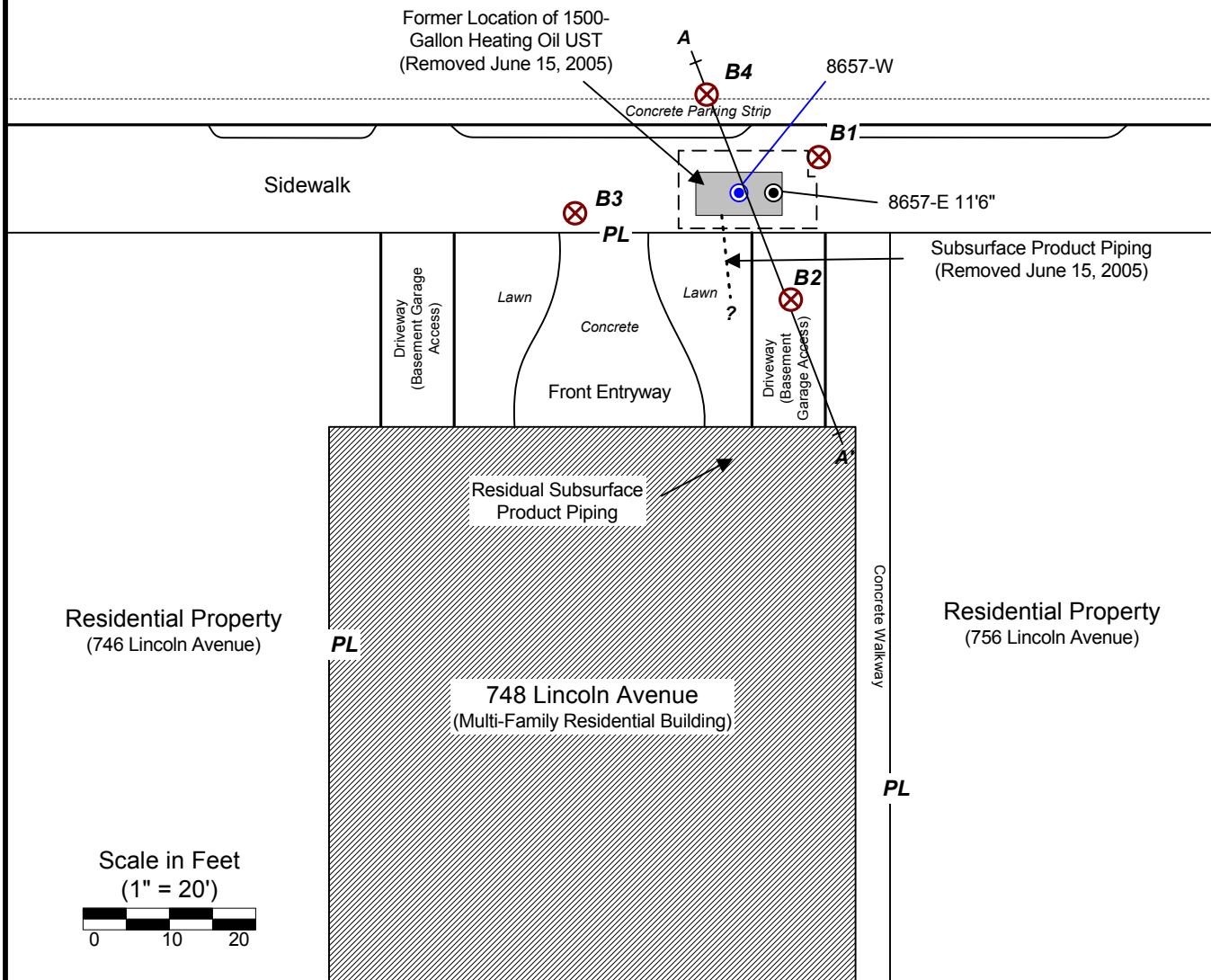
Notes: Figure 2 based upon GGTR's September 19 and November 22, 2005 Site Reconnaissance; Soil samples and borings shown are not to scale.



LINCOLN AVENUE

Centerline

Former Location of 1500-Gallon Heating Oil UST (Removed June 15, 2005)

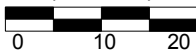


Residential Property (746 Lincoln Avenue)

Residential Property (756 Lincoln Avenue)

748 Lincoln Avenue
(Multi-Family Residential Building)

Scale in Feet
(1" = 20')



GOLDEN GATE TANK REMOVAL, INC.

255 Shipley Street
San Francisco, CA 94107
Ph (415) 512-1555 Fx (415) 512-1555

SITE PLAN
Soil Boring Locations

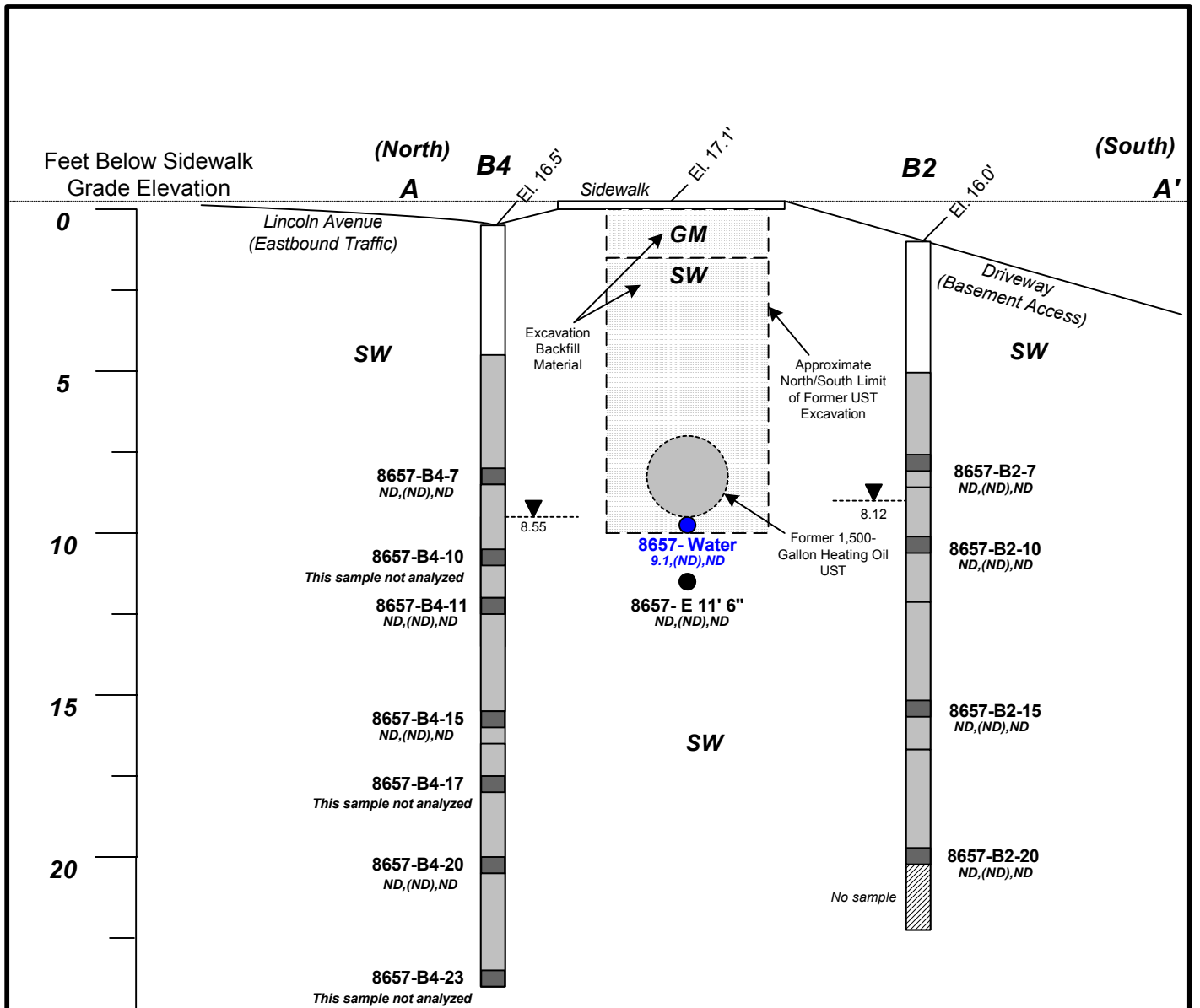
748 Lincoln Avenue
Alameda, California

GGTR Project No. 8657

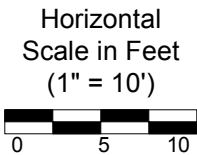
Fn: 8657.psa.rpt.F2

Figure By: gw/12.05

Figure 2



Notes: TPH-D = total petroleum hydrocarbons as diesel; BTEX = benzene, toluene, ethylbenzene, total xylenes; MTBE = methyl tertiary-butyl ether; ND = concentration detected below laboratory reporting limit; (ND) = ND for all constituents; grade elevations shown are based on 11/22/05 site survey activities, performed relative to arbitrary datum point with an assumed elevation of 17' (not Mean Sea Level).



LEGEND	
B1	Soil Boring, November 2005 (Not To Scale)
	Soil sample interval & retained sample showing concentrations of TPH-D, (BTEX), MTBE in mg/kg
	UST Removal Sample, June 15, 2005 (Not To Scale)
SW	Well-graded sand, with trace amount of silt
GM	Gravel, sand, silt mixture
	Depth to Static Groundwater measured on November 22, 2005 (Feet Below Grade)
8.0	





GOLDEN GATE TANK REMOVAL, INC.

255 Shipley Street
San Francisco, CA 94107
Ph (415) 512-1555 Fx (415) 512-0964

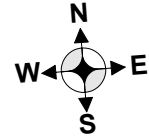
CROSS SECTION A-A'

748 Lincoln Avenue
Alameda, California

LEGEND

- B2** Soil Boring Showing
- (7.87)** Assumed Static Groundwater Elevation (Feet; Not MSL)
-  Estimated Groundwater Potentiometric Line (Contour = 0.05 ft/ft)
-  Estimated Groundwater Flow Direction (11/22/05)
-  Approximate Limit of UST Excavation
-  Property Line

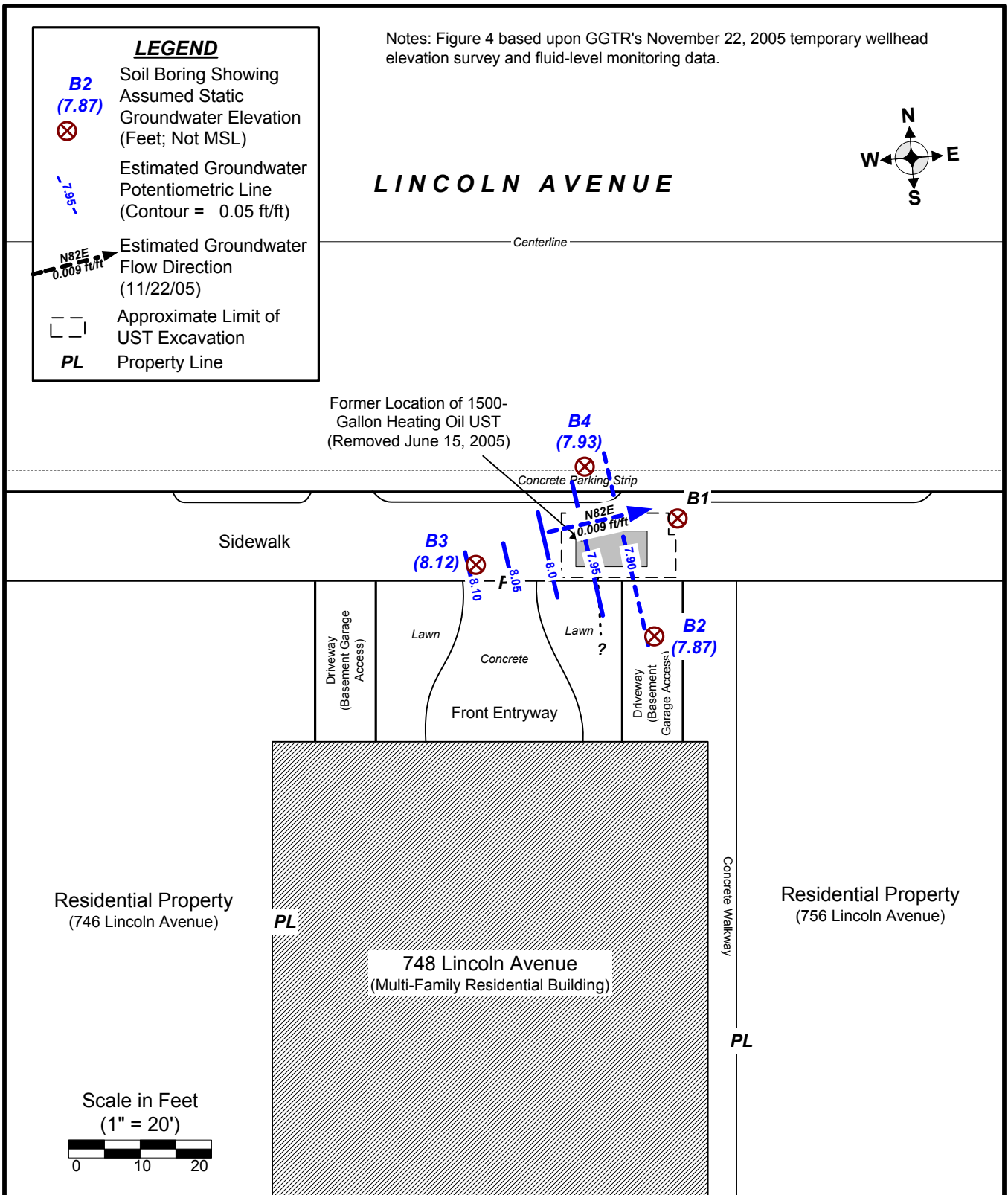
Notes: Figure 4 based upon GGTR's November 22, 2005 temporary wellhead elevation survey and fluid-level monitoring data.



LINCOLN AVENUE

Centerline

Former Location of 1500-Gallon Heating Oil UST (Removed June 15, 2005)



Residential Property (746 Lincoln Avenue)

PL

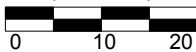
748 Lincoln Avenue (Multi-Family Residential Building)

Residential Property (756 Lincoln Avenue)

Concrete Walkway

PL

Scale in Feet (1" = 20')



GOLDEN GATE TANK REMOVAL, INC.

255 Shipley Street
 San Francisco, CA 94107
 Ph (415) 512-1555 Fx (415) 512-1555

Groundwater Potentiometric Map

748 Lincoln Avenue
 Alameda, California

TABLE 1
Historical Results of Tank Removal Sample Analysis
748 Lincoln Avenue, Alameda, CA

Sample ID	Sample Depth (fbg)	Sample Date	TPH-D (ppm)	BTEX (ppm)	MTBE/TBEE (ppm)
8657-SP (A-D)	NA	6/15/05	ND	ND/ND/ND/ND	ND
8657-Water	NA	6/15/05	9.1	ND/ND/ND/ND	ND
8657-E 11' 6"	11.6	6/15/05	ND	ND/ND/ND/ND	ND
Laboratory Detection Limit			≤2.5 mg/Kg (soil) ≤500 ug/L (water)	≤250 ug/L (soil) ≤1.0 ug/L (water)	≤250 ug/L (soil) ≤10 ug/L (water)

Notes:

TPH-D = Total Petroleum Hydrocarbons as diesel (EPA 8015)
BTEX = benzene, toluene, ethylbenzene, total xylenes (EPA Method 8260)
MTBE/TBEE = Methyl tertiary-butyl ether & Tert butyl-ethyl ether (EPA Method 8260)
fbg = feet below grade; mg/kg = milligrams per kilogram ; ug/L = parts per billion
NA = not applicable; ND = concentration below associated laboratory reporting limit

TABLE 2
Results of Subsurface Boring Soil Sample Analysis
748 Lincoln Avenue, Alameda, CA

Boring Location	Sample ID	Sample Depth (fbg)	TPH-D (mg/kg)	BTEX (mg/kg)	MTBE (mg/kg)
B1	B1-7.5	5	ND	ND/ND/ND/ND	ND
	B1-10	10	ND	ND/ND/ND/ND	ND
	B1-15	15	ND	ND/ND/ND/ND	ND
	B1-20	20	ND	ND/ND/ND/ND	ND
B2	B2-7	7	ND	ND/ND/ND/ND	ND
	B2-10	10	ND	ND/ND/ND/ND	ND
	B2-15	15	ND	ND/ND/ND/ND	ND
	B2-20	20	ND	ND/ND/ND/ND	ND
B3	B3-8	8	ND	ND/ND/ND/ND	ND
	B3-10	10	ND	ND/ND/ND/ND	ND
	B3-15	15	ND	ND/ND/ND/ND	ND
B4	B4-7	7	ND	ND/ND/ND/ND	ND
	B4-11	11	ND	ND/ND/ND/ND	ND
	B4-15	15	ND	ND/ND/ND/ND	ND
	B4-20	20	ND	ND/ND/ND/ND	ND
Soil Cuttings	8657SP1A-D*	NA	ND	ND/ND/ND/ND	ND
Laboratory Reporting Limit			2.5	≤0.010/0.010/0.010/0.010	0.050

Notes:

TPH-D = total petroleum hydrocarbons (TPH) as diesel (EPA Method 8015) w/ Silica Gel Cleanup

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

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

fbg = feet below grade

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

ND = concentration below associated laboratory reporting limit

* = sample additionally analyzed for total lead by EPA Method 6010B/ICAP (Result = 2.5 mg/kg)

TABLE 3
Results of Grab Groundwater Sample Analysis
748 Lincoln Avenue, Alameda, CA

Sample ID	Sample Date	Sample Depth (fbg)	TPH-D (ug/l)	BTEX (ug/l)	MTBE (ug/l)
B1-W	11/18/05	9.1	ND	ND/ND/ND/ND	ND
B2-W*		8.0	ND	ND/ND/ND/ND	ND
B3-W		9.2	ND	ND/ND/ND/ND	ND
B4-W		8.8	ND	ND/ND/ND/ND	ND
Laboratory Reporting Limit			varies	0.50/0.50/0.50/0.50	1.0

Notes:

TPH-D = total petroleum hydrocarbons (TPH) as Diesel (SW8015) w/ Silica Gel Cleanup

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

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

fbg = feet below grade

ug/l = micrograms per liter (@ parts per billion)

* = sample additionally analyzed for Total Dissolved Solids by EPA Method 160.1 (Result = 240 mg/L)

ND = concentration below associated laboratory reporting limit

APPENDIX A
REGULATORY CORRESPONDENCE
PERMITS

ALAMEDA COUNTY
HEALTH CARE SERVICES



8657

AGENCY

DAVID J. KEARS, Agency Director

Certified Mail # 7002 2030 0006 9574 0993
August 17, 2005

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 887-9335

NOTICE OF RESPONSIBILITY

Case ID: R0002880

Site Name & Address:

MONTEREY APARTMENTS
745 LINCOLN AVE
ALAMEDA, CA 94501

Release Information:

Date First Reported: 6/27/05
Substance Code: 12
Substance: *Heater fuel*

Responsible Party:

ROBER G & CAROLYN A BOND
MONTEREY APARTMENTS
865 HALLMARK DRIVE
REDDING, CA 96001

Funding for Oversight:

LOPS *LOP State Fund*


Multiple RPs?: *No*

Pursuant to sections 25297.1 and 25297.15 of the Health and Safety Code, you are hereby notified that the above site has been placed in the Local Oversight Program and the individual(s) or entity(ies) shown above, or on the attached list, has (have) been identified as the party(ies) responsible for investigation and cleanup of the above site. Section 25297.15 further requires the primary or active Responsible Party to notify all current record owners of fee title before the local agency considers cleanup or site closure proposals or issues a closure letter (Remedial Action Completion Certification). For purposes of implementing section 25297.15, this agency has identified **MONTEREY APARTMENTS** as the primary or active Responsible Party. It is the responsibility of the primary or active Responsible Party to submit a letter to this agency, within 20 calendar days of receipt of this notice, which identifies all current record owners of fee title. It is also the responsibility of the primary or active Responsible Party to certify to the local agency that the required notifications have been made at the time a cleanup or site closure proposal is made or before the local agency makes a determination that no further action is required. If property ownership changes in the future, you must notify this local agency within 20 calendar days from when you are informed of the change.

Any action or inaction by this local agency associated with corrective action, including responsible party identification, is subject to petition to the State Water Resources Control Board. Petitions must be filed within 30 days from the date of the action/inaction. To obtain petition procedures, please FAX your request to the State Water Board at (916) 341-5808 or telephone (916) 341-5650.

Pursuant to section 25299.37(c)(7) of the Health and Safety Code, a responsible party may request the designation of an administering agency when required to conduct corrective action. Please contact this office for further information about the designation process.

Please contact your caseworker Amir Gholami, at this office at (510) 567-6876 if you have questions regarding your site.


Date: 08/18/05
ARIU LEVI, Chief
Contract Project Director

Circle One: Add Delete Change
Reason: New Case

cc: Jennifer Jordan, SWRCB
D. Drogos, A. Gholami

**Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)
Electronic Report Upload (ftp) Instructions**

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. This e-government initiative is aimed at making our programs more effective and efficient. The electronic copy is intended to replace the need for a paper copy and is expected to be relied upon for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- * Entire report (including cover letter) must be submitted as a single portable document format (PDF) with no password protection. (If you cannot submit in PDF format, please check with us to see if we can accommodate your report format).
- * It is preferable that reports be converted to PDF format from their original format. (E.g., Microsoft Word) rather than scanned.
- * Signature pages and perjury statements should be included and must have either original or electronic signature. Alternatively, the paper copy of the signature page and perjury statement can be mailed separately.
- * Do not password protect the document. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. Documents with password protection will not be accepted. If you cannot comply with this you may continue to submit paper documents.
- * Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- * Reports must be named and saved using the following naming convention:
RO#_Report Name_Year-Month-Date
(e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- * A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in Excel format. These are for use by assigned Caseworker only.

Submission Instructions.

1. Obtain User Name and Password:
 - * Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - a) Send an e-mail to dehloptoxic@acgov.org
or
 - b) Send a fax on company letterhead to (510) 337-9335, to the attention of Alicia Lam-Firneke.
 - * In the subject line of your request, be sure to include "ftp PASSWORD REQUEST" and in the body of your request, include the Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.
 - * Note: Both the User Name and Password are Case Sensitive.
2. Upload Files to the ftp Site
 - a) Using Internet Explorer (IE4+) or equivalent browser, go to <ftp://alcoftp1.acgov.org>
 - b) Click on File, then on Login As.
 - c) Enter your User Name and Password.
Note: Both are Case Sensitive.
 - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
3. Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail
 - * Your Caseworker's e-mail address is the entire first name then a period and entire last name at acgov.org
(e.g., firstname.lastname@acgov.org)
 - c) The subject line of the e-mail must start with the RO# followed by Report Upload.
(e.g., Subject: RO1234 Report Upload)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

November 2, 2005

Mr. Robert G. Bond
865 Hallmark Drive
Redding, CA 96001

Subject: Fuel Leak Case No. RO0002880, 748 Lincoln Ave., Alameda, CA

Dear Mr. Bond:

Alameda County Environmental Health (ACEH) staff has recently reviewed the Workplan report dated September 23, 2005, prepared by Mr. Mark Youngkin of Golden Gate Tank Removal Inc. As you are aware, this workplan was submitted to address the contamination detected at the above subject site. We concur with the proposed workplan. However we request that you address the following technical comments, perform the proposed work, and send us the technical reports requested below.

TECHNICAL COMMENTS

As you are aware, I have discussed this workplan with your consultant and subsequent to our discussion an addendum dated September 13, 2005 was submitted to our office. The workplan is approved subject to its addendum indicated above. As you are aware, the above work plan and its amendment was prepared in order to further define the horizontal and vertical extent of soil/groundwater contamination. Please ensure the following items are addressed as specified below:

- 1- Provide detailed geological cross sections as discussed.
- 2- **Geotracker EDF Submittals** - A review of the case file and the State Water Resources Control Board's (SWRCB) Geotracker website indicate that electronic copies of analytical data have not been submitted for your site. Pursuant to CCR Sections 2729 and 2729.1, beginning September 1, 2001, all analytical data, including monitoring well samples, submitted in a report to a regulatory agency as part of the LUFT program, must be transmitted electronically to the SWRCB Geotracker website via the internet. Additionally, beginning January 1, 2002, all permanent monitoring points utilized to collect groundwater samples (i.e. monitoring wells) and submitted in a report to a regulatory agency, must be surveyed (top of casing) to mean sea level and latitude and longitude accurate to within 1-meter accuracy, using NAD 83, and transmitted electronically to the SWRCB Geotracker website. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format).

- 3- In order to remain in regulatory compliance, please upload all analytical data (collected on or after September 1, 2001), to the SWRCB's Geotracker database website in accordance with the above-cited regulation. Please perform the electronic submittals for applicable data and submit verification to this Agency by 12/1/2005.

TECHNICAL REPORT REQUEST

Please submit the following technical reports to Alameda County Department of Environmental Health (Attention: Amir K. Gholami):

December 1, 2005 SWI Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. The electronic copy is intended to replace the need for a paper copy and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please visit the State Water Resources Control Board for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration

stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

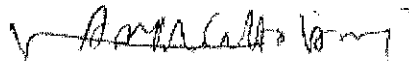
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6876.

Sincerely,



Amir K. Gholami, REHS
Hazardous Materials Specialist

cc: Mr. Mark youngkin, 255 Shipley St., San Francisco, CA 94107
A.gholami, D.Drogos

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

Alameda County, Public Works Agency - Water Resources Well Permit



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

Application Approved on: 11/16/2005 By Jamesy
 Permits Issued: W2005-1105

Receipt Number: WR2005-2190
 Permits Valid from 11/18/2005 to 11/25/2005

Application Id: 1132098054609
 Site Location: 148 Lincoln Ave, Alameda, CA 94501
 Project Start Date: 11/18/2005

City of Project Site: Alameda

Completion Date: 11/25/2005

Applicant: Golden Gate Tank Removal Inc - Brent Wheeler
 255 Shipley St, San Francisco, CA 94107

Phone: 415-512-1555

Property Owner: Robert D Bond
 865 Hallmark Dr, Redding, CA 96001

Phone: 530-241-1050

Client: ** same as Property Owner **

Total Due: \$200.00
 Total Amount Paid: \$200.00
 Paid By: VISA PAID IN FULL

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitoring Study - 4 Boreholes
 Driller: Gregg Drilling & Test - Lic #: 485165 - Method: other

Work Total: \$200.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2005-1105	11/16/2005	02/16/2006	4	2.00 in.	25.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Applicant shall contact James Yoo for an inspection time at 510-670-6633 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
6. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.
7. Spot Check Only



City of Alameda • California

November 16, 2005

Golden Gate Tank Removal
225 Shipley Street
San Francisco, CA 94107

Re: Permit No. EX05-0164; Conditional Approval
Job Address: 748 Lincoln Avenue – Subsurface Soil Boring Activities

Staff conditionally approves permit EX05-0164 as submitted with the following condition(s):

- Working Hours: Construction activities shall be limited to the hours of 7:00 a.m. and 4:30 p.m. Monday through Friday. Be advised that uninterrupted traffic circulation within the public right-of-way is mandatory during the commute hour of 7:30am to 9:00 am and 3:00pm to 4:30pm. In the event that construction activity creates traffic delays during the commute hours, the Public Works inspector shall further restrict open trench excavation in the right-of-way to the hours of 9:00am to 3:00pm. Work requiring inspection after 3:30 p.m., Monday through Friday, will require public works inspection fee at time and a half (1-1/2). Said fee will be in accordance with the latest public works fee overtime schedule. Work done on Saturdays, requiring inspection, is prohibited unless approved by the city engineer and an inspector is available. Requests to work Saturday require two-week minimum prior notice. Inspection fees for Saturday work will be at time and a half (1-1/2) with a four-hour minimum. No construction activity shall be permitted on Sundays or State and Federal holidays.
- Construction Inspector Notification: Prior to commencing work the permittee shall contact Greg Stoia, Senior Construction Inspector, at 510-749-5928 (office) or 510-919-9178 (mobile) 48-hours in advance.
- Underground Service Alert: Contact Underground Service Alert (USA) prior to performing any work.
- Pedestrian and Vehicular Traffic Control: The permittee may occupy the parking lane and sidewalk for this work. Closure of the travel lanes is not permitted. The permittee shall provide all lights, signs, barricades, flagmen, and/or other traffic safety devices necessary to provide public safety in accordance with Caltrans, Work Area Traffic Control Handbook and CAL-OSHA specifications. Further, the Public Works Inspector may require implementation of additional traffic control measures while construction is in progress to address unforeseen field conditions. Be advised that all property owner's with dwellings fronting the project area must be allowed clear and safe ingress/egress to and from their properties at all times. Additionally, work must not interfere with A.C. Transit bus service in the area.

Public Works Department

Alameda Point, Building 1
950 West Mall Square, Room 110
Alameda, CA 94501-7552
510 749.5840 • Fax 510 749.5867 • TDD 510 522.7538

- Pavement, Curb, Gutter & Sidewalk Repair: If the street pavement, sidewalk, curb or gutter at or within the vicinity of the job site is damaged as a result of work or construction equipment, then the damaged area shall be repaired to City standards and per limit established by the City Construction Inspector. As a minimum, one flag of sidewalk shall be reconstructed at all boring locations due to the boring.
- Daily Work Site Cleanup/ Noise Generating Construction Activity: Maintain construction noise, dust control and cleanup to City acceptable levels. Noise-generating construction activities shall be limited to the hours of 8:00 a.m. to 4:30 p.m. Construction equipment shall be properly muffled. Unnecessary idling of excavation and/or grading equipment is prohibited. Stationary noise-generating construction equipment such as compressors shall be located as far as practical from occupied residential housing units. Work area and haul routes shall be swept daily (with water sweepers) to remove construction-related material.
- Designated Truck Routes: All truck deliveries to the proposed work site must remain on established truck routes (attached).
- “No Parking” Signs: “No Parking” signs are available at the Planning and Building Department, Room 190, City Hall. The signs shall be posted 48-hours in advance. A fee will be charged for the signs. Only City of Alameda issued “No Parking” signs will be allowed.
- URCWP (General/As Applicable): Construction materials (i.e. cement bags, paints, flammables, oils, fertilizers, pesticides, or any other materials that have potential for being discharged into the storm drain system by wind or as the result of a material spill) shall be kept in a contained and covered area on-site, as is practical, while construction is in progress. Use Best Management Practices to prevent boring material or fluids from entering the storm drain catch basins. All construction debris shall be gathered and properly disposed of off-site.

Golden Gate Tank Removal
Permit No. EX05-0164

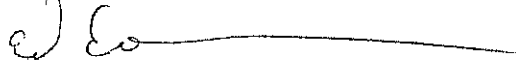
November 16, 2005
3 of 3

Should you require further clarification regarding these comments, please feel free to contact me at (510) 749-5845.

Additional hold notices MIGHT be forthcoming from other plan check departments. When responding to hold notices, submit ALL information and/or responses ONLY to the BUILDING SERVICES OFFICE, 2263 Santa Clara Avenue, Rm 190, to ensure correct processing of your application.

Sincerely,

Matthew T. Naclerio
Public Works Director



By: Ed Sommerauer
Associate Civil Engineer

Attachments


cc: Carolyn, Building Services Office

MTN: FDB: gc

G:\PUBWORKS\ENGIN\TRANSP-1\LAND_D-1\CURRENT\2005\ROW\EXCAVATION\EX05-0070.WPD

APPENDIX B
SOIL BORING LOGS

LOG OF BORING B1




Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Backfill Detail
1				Concrete Sidewalk (4")		Concrete (0 -1.0 fbg)
				GM	Loose, dry, GRAVEL , with sand and fill material (some brick fragments); No hydrocarbon odor.	
5				SW	Slightly moist, moderate yellowish brown (10YR 5/4) fine grained SAND with trace of silt; low cohesion, no plasticity, no hydrocarbon odor.	Neat Portland Cement (1.0-24.0 fbg)
					Moist-to-wet moderate yellowish brown (10YR 5/4) well-sorted SAND with <10% silt; No hydrocarbon odor.	
10	8657 B1-7.5	0950	0		Wet moderate yellowish brown (10YR 5/4) SAND with trace of silt; No hydrocarbon odor.	
(9.1)					▽	
10	8657 B1-10	0953	0		Same	
15	8657 B1-15	0959	0		Same	
20	8657 B1-20	1010	0	Wet, moderate yellowish brown (10YR 5/4) fine-grained SAND ; No hydrocarbon odor.		
25	8657 B1-24	1030	0	Same		
Total Boring Depth = 24 fbg						

Fr:8657.B1


BORING NUMBER: B1
LOCATION: 748 Lincoln Avenue
 Alameda, California
PROJECT NO: 8657
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: DPT
DRILLING DATE: November 18, 2005

Logged By: G. Wolf **Checked By:** M. Youngkin

Legend/Notes:

fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery
 = sample interval
 = sample retained
 = Approximate depth to non-static groundwater measured from grade on November 18, 2005

LOG OF BORING B2




Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Backfill Detail	
1					Concrete Sidewalk (4")		
5						Moist, dark yellowish orange (10 YR 6/6) fine-grained SAND with silt (<20%); Moderately cohesive, low plasticity; No hydrocarbon odor. Same, with some organic debris	
8.0				8657 B2-7	0830	0	
10					Dry, loose sands and gravels		
10	8657 B2-10	0843	0	SW	Wet, moderate yellowish brown (10YR 5/4) well-sorted fine-grained SAND ; No hydrocarbon odor.		
15					Wet moderate yellowish brown (10YR 5/4) SAND with trace of silt. No odor.		
15	8657 B2-15	0847	0		Saturated moderate yellowish brown (10YR 5/4) fine-grained SAND . no odor		
20					Wet, moderate yellowish brown (10YR 5/4) fine-to-medium grained SAND ; No hydrocarbon odor. Same		
20	8657 B2-20	0910	0		Saturated, moderate yellowish brown (10YR 5/4) fine-grained SAND , no odor		
20	NR				No Recovery/ tube split		
Total Boring Depth = 22 fbg (Refusal at 22 fbg)							
25							

Fr:8657.B2

BORING NUMBER: B2
LOCATION: 748 Lincoln Avenue
 Alameda, California
PROJECT NO: 8657
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: DPT
DRILLING DATE: November 18, 2005

Logged By: G. Wolf **Checked By:** M. Youngkin

Legend/Notes:

fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery
 = sample interval
 = sample retained
 = Approximate depth to non-static groundwater measured from grade on November 18, 2005

LOG OF BORING B3

Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Backfill Detail
1					Concrete Sidewalk (4")	Concrete (0 -1.0 fbg)
				GM	Loose GRAVEL fill, sand, and trace of organic material; No hydrocarbon odor.	
5					Slightly moist, moderate yellowish brown (10YR 5/4) fine grained SAND with trace of silt. No odor	Neat Portland Cement (1.0-23.0 fbg)
					Very moist, dark yellowish brown (10YR 4/2) fine-grained SAND with trace of silt.	
10	8657 B3-8	1105	0	SW	Moist-to-wet moderate yellowish brown (10YR 5/4) SAND with silt; No hydrocarbon odor; Low cohesion; No plasticity.	
(9.2) 10	8657 B3-10	1107	0			
					Wet, moderate yellowish brown (10YR 5/4) and light brown (5YR 5/6) silty, fine-grained SAND .	
15	8657 B3-15	1117	0		Same, very wet	
	NR				No recovery, tube split	
20	NR			SW	Wet, moderate yellowish brown (10YR 5/4) SAND . No odor. No sample due to broken tube.	
25	Total Boring Depth = 23 fbg					

Fr:8657.B3

BORING NUMBER: B3
LOCATION: 748 Lincoln Avenue
 Alameda, California
PROJECT NO: 8657
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: DPT
DRILLING DATE: November 18, 2005


Logged By: G. Wolf **Checked By:** M. Youngkin

Page 1 of 1

Legend/Notes:
 fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery
 = sample interval
 = sample retained
 = Approximate depth to non-static groundwater measured from grade on November 18, 2005

Golden Gate Tank Removal, Inc.

LOG OF BORING B4




Depth (fbg)	Recovery/ Sample ID	Time	Organic Vapor (ppm)	USCS Soil Type	Description	Backfill Detail	
1				GM	Asphalt (4")	Asphalt (0-0.4 fbg)	
							Large (to 2.0"), angular GRAVEL and fill material; Sand matrix is dark dusky brown (10YR 2/2).
5				NR	SW	Slightly moist, moderate yellowish brown (10YR 5/4) fine-grained SAND with trace of silt; Low cohesion; no plasticity; no hydrocarbon odor.	Neat Portland Cement (1.0-23.0 fbg)
	8657 B4-7	1320			SW	Same	
(8.8)					SW	Damp, moderate yellowish brown (10YR 5/4) mottled with olive grey (5Y 3/2) SAND .	
10	8657 B4-10	1325			SW	@ 11 fbg: damp, olive grey (5Y 3/2) SAND with slight hydrocarbon odor.	
	8657 B4-11	1325			SW	Wet-to-saturated, moderate yellowish brown (10YR 5/4) and olive grey (5Y 3/2) well-sorted fine-grained SAND ; No hydrocarbon odor.	
15	8657 B4-15	1330			SW	Saturated, loose, runny, moderate-to-dark brown (5YR 3/4, 4/4) silty SAND ; No hydrocarbon odor.	
	8657 B4-17	NR			SW	Loose, saturated, moderate yellowish brown (10YR 5/4) silty SAND ; No hydrocarbon odor.	
20	8657 B4-20	1345			SW	@ 23fbg: dark yellowish brown (10YR 4/2) wet SAND	
	8657 B4-23	1355		Total Boring Depth = 23 fbg			
25							

Fr:8657.B4

BORING NUMBER: B4
LOCATION: 748 Lincoln Avenue
 Alameda, California
PROJECT NO: 8657
DRILLING CONTRACTOR: Gregg Drilling & Testing
DRILLING METHOD: DPT
DRILLING DATE: November 18, 2005

Logged By: G. Wolf **Checked By:** M. Youngkin

Legend/Notes:

fbg = feet below grade; toc = top of well casing
 ppm = parts per million; NR = no sample recovery
 = sample interval
 = sample retained
 = Approximate depth to non-static groundwater measured from grade on November 18, 2005

Golden Gate Tank Removal, Inc.

APPENDIX C

LABORATORY ANALYTICAL REPORTS, CHAIN OF CUSTODY RECORDS, GEOTRACKER EDD 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: 46427
Issued: 12/01/2005

Project Number: 8657
Project Name: 748 Lincoln Ave.

Project Location: Alameda
Global ID: T0600129108

Certificate of Analysis - Final Report

On November 22, 2005, samples were received under chain of custody for analysis.
Entech analyzes samples "as received" unless otherwise noted. The following results are included:

<u>Matrix</u>	<u>Test</u>	<u>Comments</u>
Liquid	Electronic Deliverables TDS EPA 160.1 TPH-Extractable w/SGCU Volatile-GC	
Solid	TPH-Extractable w/SGCU Volatile-GC	

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

Date Received: 11/22/2005 5:23:51 PM

Project Number: 8657
Project Name: 748 Lincoln Ave.
GlobalID: T0600129108

Certificate of Analysis - Data Report

Lab #: 46427-001 Sample ID: B1-W Matrix: Liquid Sample Date: 11/18/2005 1:45 PM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.4	72	µg/L	11/27/2005	DW051127S	11/30/2005	DW051127S
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: EricKum	
o-Terphenyl	66.7		16 - 137					Reviewed by: ECunniffe	

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	11/23/2005	WGC051123
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	11/23/2005	WGC051123
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	11/23/2005	WGC051123
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	11/23/2005	WGC051123
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	11/23/2005	WGC051123
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: mruan	
4-Bromofluorobenzene	106		65 - 135					Reviewed by: dba	

Lab #: 46427-002 Sample ID: B2-W Matrix: Liquid Sample Date: 11/18/2005 1:30 PM

EPA 160.1								TDS	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Total Dissolved Solids	240		1.0	10	mg/L	N/A	N/A	11/23/2005	WTDS051123
								Analyzed by: Jisiderio	
								Reviewed by: dqueja	

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.8	91	µg/L	11/27/2005	DW051127S	11/30/2005	DW051127S
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: EricKum	
o-Terphenyl	41.4		16 - 137					Reviewed by: ECunniffe	

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	11/23/2005	WGC051123
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	11/23/2005	WGC051123
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	11/23/2005	WGC051123
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	11/23/2005	WGC051123
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	11/23/2005	WGC051123
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: mruan	
4-Bromofluorobenzene	101		65 - 135					Reviewed by: dba	

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

Qual = Data Qualifier

12/1/2005 10:31:29 PM - dba

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

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

Date Received: 11/22/2005 5:23:51 PM

Project Number: 8657
Project Name: 748 Lincoln Ave.
GlobalID: T0600129108

Certificate of Analysis - Data Report

Lab #: 46427-003 Sample ID: B3-W Matrix: Liquid Sample Date: 11/18/2005 1:15 PM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.4	72	µg/L	11/27/2005	DW051127S	11/30/2005	DW051127S
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: EricKum	
o-Terphenyl	36.7		16 - 137					Reviewed by: ECunniffe	

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	11/23/2005	WGC051123
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	11/23/2005	WGC051123
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	11/23/2005	WGC051123
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	11/23/2005	WGC051123
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	11/23/2005	WGC051123
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: mruan	
4-Bromofluorobenzene	95.7		65 - 135					Reviewed by: dba	

Lab #: 46427-004 Sample ID: B4-W Matrix: Liquid Sample Date: 11/18/2005 2:30 PM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		2.0	100	µg/L	11/27/2005	DW051127S	11/30/2005	DW051127S
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: EricKum	
o-Terphenyl	37.7		16 - 137					Reviewed by: ECunniffe	

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	11/23/2005	WGC051123
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	11/23/2005	WGC051123
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	11/23/2005	WGC051123
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	11/23/2005	WGC051123
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	11/23/2005	WGC051123
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: mruan	
4-Bromofluorobenzene	107		65 - 135					Reviewed by: dba	

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

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

Date Received: 11/22/2005 5:23:51 PM

Project Number: 8657
Project Name: 748 Lincoln Ave.
GlobalID: T0600129108

Certificate of Analysis - Data Report

Lab #: 46427-005 Sample ID: B1-7.5 Matrix: Solid Sample Date: 11/18/2005 9:50 AM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	11/22/2005	DS051122BS	11/30/2005	DS051122BS
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: EricKum	
o-Terphenyl	76.9		28 - 129					Reviewed by: jhsiang	

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Methyl-t-butyl Ether	ND		1.0	0.050	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: mruan	
4-Bromofluorobenzene	98.4		65 - 135					Reviewed by: dba	

Lab #: 46427-006 Sample ID: B1-10 Matrix: Solid Sample Date: 11/18/2005 9:53 AM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	11/22/2005	DS051122BS	11/30/2005	DS051122BS
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: EricKum	
o-Terphenyl	71.1		28 - 129					Reviewed by: jhsiang	

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Methyl-t-butyl Ether	ND		1.0	0.050	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: mruan	
4-Bromofluorobenzene	92.0		65 - 135					Reviewed by: dba	

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

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

Date Received: 11/22/2005 5:23:51 PM

Project Number: 8657
Project Name: 748 Lincoln Ave.
GlobalID: T0600129108

Certificate of Analysis - Data Report

Lab #: 46427-007 Sample ID: B1-15 Matrix: Solid Sample Date: 11/18/2005 9:59 AM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	11/22/2005	DS051122BS	11/30/2005	DS051122BS
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: EricKum	
o-Terphenyl	76.3		28 - 129					Reviewed by: jhsiang	

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Methyl-t-butyl Ether	ND		1.0	0.050	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: mruan	
4-Bromofluorobenzene	101		65 - 135					Reviewed by: dba	

Lab #: 46427-008 Sample ID: B1-20 Matrix: Solid Sample Date: 11/18/2005 10:10 AM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	11/22/2005	DS051122BS	11/30/2005	DS051122BS
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: EricKum	
o-Terphenyl	78.0		28 - 129					Reviewed by: jhsiang	

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Methyl-t-butyl Ether	ND		1.0	0.050	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: mruan	
4-Bromofluorobenzene	95.6		65 - 135					Reviewed by: dba	

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

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

Date Received: 11/22/2005 5:23:51 PM

Project Number: 8657
Project Name: 748 Lincoln Ave.
GlobalID: T0600129108

Certificate of Analysis - Data Report

Lab #: 46427-010 Sample ID: B2-7 Matrix: Solid Sample Date: 11/18/2005 8:30 AM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	11/22/2005	DS051122BS	11/30/2005	DS051122BS
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: EricKum	
o-Terphenyl	76.6		28 - 129					Reviewed by: jhsiang	

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Methyl-t-butyl Ether	ND		1.0	0.050	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: mruan	
4-Bromofluorobenzene	99.5		65 - 135					Reviewed by: dba	

Lab #: 46427-011 Sample ID: B2-10 Matrix: Solid Sample Date: 11/18/2005 8:43 AM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	11/22/2005	DS051122BS	11/30/2005	DS051122BS
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: EricKum	
o-Terphenyl	81.1		28 - 129					Reviewed by: jhsiang	

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Methyl-t-butyl Ether	ND		1.0	0.050	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: mruan	
4-Bromofluorobenzene	91.7		65 - 135					Reviewed by: dba	

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

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

Date Received: 11/22/2005 5:23:51 PM

Project Number: 8657
Project Name: 748 Lincoln Ave.
GlobalID: T0600129108

Certificate of Analysis - Data Report

Lab #: 46427-012 Sample ID: B2-15 Matrix: Solid Sample Date: 11/18/2005 8:47 AM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	11/22/2005	DS051122BS	11/30/2005	DS051122BS
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: EricKum	
o-Terphenyl	61.0		28 - 129					Reviewed by: jhsiang	

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Methyl-t-butyl Ether	ND		1.0	0.050	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: mruan	
4-Bromofluorobenzene	102		65 - 135					Reviewed by: dba	

Lab #: 46427-013 Sample ID: B2-20 Matrix: Solid Sample Date: 11/18/2005 9:10 AM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	11/22/2005	DS051122BS	11/30/2005	DS051122BS
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: EricKum	
o-Terphenyl	63.1		28 - 129					Reviewed by: jhsiang	

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Methyl-t-butyl Ether	ND		1.0	0.050	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: mruan	
4-Bromofluorobenzene	98.2		65 - 135					Reviewed by: dba	

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

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

Date Received: 11/22/2005 5:23:51 PM

Project Number: 8657
Project Name: 748 Lincoln Ave.
GlobalID: T0600129108

Certificate of Analysis - Data Report

Lab #: 46427-014 Sample ID: B3-8 Matrix: Solid Sample Date: 11/18/2005 11:05 AM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	11/22/2005	DS051122BS	11/30/2005	DS051122BS
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: EricKum	
o-Terphenyl	57.6		28 - 129					Reviewed by: jhsiang	

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Methyl-t-butyl Ether	ND		1.0	0.050	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: mruan	
4-Bromofluorobenzene	102		65 - 135					Reviewed by: dba	

Lab #: 46427-015 Sample ID: B3-10 Matrix: Solid Sample Date: 11/18/2005 11:07 AM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	11/22/2005	DS051122BS	11/30/2005	DS051122BS
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: EricKum	
o-Terphenyl	72.4		28 - 129					Reviewed by: jhsiang	

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Methyl-t-butyl Ether	ND		1.0	0.050	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: mruan	
4-Bromofluorobenzene	101		65 - 135					Reviewed by: dba	

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

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

Date Received: 11/22/2005 5:23:51 PM

Project Number: 8657
Project Name: 748 Lincoln Ave.
GlobalID: T0600129108

Certificate of Analysis - Data Report

Lab #: 46427-016 Sample ID: B3-15 Matrix: Solid Sample Date: 11/18/2005 11:17 AM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	11/29/2005	DS051129BS	11/30/2005	DS051129BS
3ppm discrete peaks in Diesel range (C8-C20). No Diesel pattern present.									

Surrogate	Surrogate Recovery	Control Limits (%)	Analized by:
o-Terphenyl	80.8	28 - 129	EricKum Reviewed by: jhsiang

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Methyl-t-butyl Ether	ND		1.0	0.050	mg/Kg	N/A	N/A	12/1/2005	SGC051130

Surrogate	Surrogate Recovery	Control Limits (%)	Analized by:
4-Bromofluorobenzene	103	65 - 135	mruan Reviewed by: dba

Lab #: 46427-017 Sample ID: B4-7 Matrix: Solid Sample Date: 11/18/2005 1:20 PM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	11/29/2005	DS051129BS	11/30/2005	DS051129BS

Surrogate	Surrogate Recovery	Control Limits (%)	Analized by:
o-Terphenyl	74.6	28 - 129	EricKum Reviewed by: jhsiang

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Methyl-t-butyl Ether	ND		1.0	0.050	mg/Kg	N/A	N/A	12/1/2005	SGC051130

Surrogate	Surrogate Recovery	Control Limits (%)	Analized by:
4-Bromofluorobenzene	96.9	65 - 135	mruan Reviewed by: dba

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

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

Date Received: 11/22/2005 5:23:51 PM

Project Number: 8657
Project Name: 748 Lincoln Ave.
GlobalID: T0600129108

Certificate of Analysis - Data Report

Lab #: 46427-019 Sample ID: B4-11 Matrix: Solid Sample Date: 11/18/2005 1:25 PM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	11/29/2005	DS051129BS	11/30/2005	DS051129BS
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: EricKum	
o-Terphenyl	83.6		28 - 129					Reviewed by: jhsiang	

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Methyl-t-butyl Ether	ND		1.0	0.050	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: mruan	
4-Bromofluorobenzene	94.8		65 - 135					Reviewed by: dba	

Lab #: 46427-020 Sample ID: B4-15 Matrix: Solid Sample Date: 11/18/2005 1:30 PM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)								TPH-Extractable-SGCU	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	11/29/2005	DS051129BS	11/30/2005	DS051129BS
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: EricKum	
o-Terphenyl	81.0		28 - 129					Reviewed by: jhsiang	

EPA 8020								BTEX	
Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Methyl-t-butyl Ether	ND		1.0	0.050	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: mruan	
4-Bromofluorobenzene	97.0		65 - 135					Reviewed by: dba	

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

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

Date Received: 11/22/2005 5:23:51 PM

Project Number: 8657
Project Name: 748 Lincoln Ave.
GlobalID: T0600129108

Certificate of Analysis - Data Report

Lab # : 46427-021

Sample ID: B4-20

Matrix: Solid

Sample Date: 11/18/2005 1:45 PM

EPA 8015 MOD.(Extractable with Silica Gel Cleanup)

TPH-Extractable-SGCU

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	11/29/2005	DS051129BS	11/30/2005	DS051129BS

Surrogate
o-Terphenyl

Surrogate Recovery
76.5

Control Limits (%)
28 - 129

Analyzed by: EricKum
Reviewed by: jhsiang

EPA 8020

BTEX

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Methyl-t-butyl Ether	ND		1.0	0.050	mg/Kg	N/A	N/A	12/1/2005	SGC051130

Surrogate
4-Bromofluorobenzene

Surrogate Recovery
95.1

Control Limits (%)
65 - 135

Analyzed by: mruan
Reviewed by: dba

Entech Analytical Labs, Inc.

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

Method Blank - Solid - EPA 8015 MOD.(Extractable with Silica Gel Cleanup) - TPH-Extractable-SGCU

QC/Prep Batch ID: DS051122BS

Validated by: jhsiang - 11/29/05

QC/Prep Date: 11/22/2005

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

Surrogate for Blank	% Recovery	Control Limits
o-Terphenyl	91.0	28 - 129

Laboratory Control Sample / Duplicate - Solid - EPA 8015 MOD.(Extractable with Silica Gel Cleanup) - TPH-Extractable-SGCU

QC/Prep Batch ID: DS051122BS

Reviewed by: jhsiang - 11/29/05

QC/Prep Date: 11/22/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<2.5	50	37.9	mg/Kg	75.8	22 - 120
TPH as Motor Oil	<10	50	42.9	mg/Kg	85.8	22 - 120

Surrogate	% Recovery	Control Limits
o-Terphenyl	89.3	28 - 129

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<2.5	50	40.9	mg/Kg	81.7	7.6	30.0	22 - 138
TPH as Motor Oil	<10	50	42.9	mg/Kg	85.7	0.047	30.0	22 - 138

Surrogate	% Recovery	Control Limits
o-Terphenyl	91	28 - 129

Entech Analytical Labs, Inc.

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

Method Blank - Liquid - EPA 8015 MOD.(Extractable with Silica Gel Cleanup) - TPH-Extractable-SGCU

QC/Prep Batch ID: DW051127S

Validated by: ECunniffe - 11/30/05

QC/Prep Date: 11/27/2005

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

Surrogate for Blank	% Recovery	Control Limits
o-Terphenyl	67.9	16 - 137

Laboratory Control Sample / Duplicate - Liquid - EPA 8015 MOD.(Extractable with Silica Gel Cleanup) - TPH-Extractable-SGCU

QC/Prep Batch ID: DW051127S

Reviewed by: ECunniffe - 11/30/05

QC/Prep Date: 11/27/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<50	1000	510	µg/L	51.0	35 - 109
TPH as Motor Oil	<200	1000	673	µg/L	67.3	30 - 132

Surrogate	% Recovery	Control Limits
o-Terphenyl	80.7	16 - 137

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<50	1000	512	µg/L	51.2	0.39	25.0	35 - 109
TPH as Motor Oil	<200	1000	586	µg/L	58.6	14	25.0	30 - 132

Surrogate	% Recovery	Control Limits
o-Terphenyl	73	16 - 137

Entech Analytical Labs, Inc.

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

Method Blank - Solid - EPA 8015 MOD.(Extractable with Silica Gel Cleanup) - TPH-Extractable-SGCU

QC/Prep Batch ID: DS051129BS

Validated by: jhsiang - 12/01/05

QC/Prep Date: 11/29/2005

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

Surrogate for Blank	% Recovery	Control Limits
o-Terphenyl	71.1	28 - 129

Laboratory Control Sample / Duplicate - Solid - EPA 8015 MOD.(Extractable with Silica Gel Cleanup) - TPH-Extractable-SGCU

QC/Prep Batch ID: DS051129BS

Reviewed by: jhsiang - 12/01/05

QC/Prep Date: 11/29/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<2.5	50	32.4	mg/Kg	64.9	22 - 120
TPH as Motor Oil	<10	50	38.1	mg/Kg	76.3	22 - 120

Surrogate	% Recovery	Control Limits
o-Terphenyl	87.9	28 - 129

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<2.5	50	29.0	mg/Kg	58.1	11	30.0	22 - 138
TPH as Motor Oil	<10	50	35.3	mg/Kg	70.5	7.8	30.0	22 - 138

Surrogate	% Recovery	Control Limits
o-Terphenyl	70.5	28 - 129

Entech Analytical Labs, Inc.

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

Method Blank - Liquid - EPA 8020 - BTEX

QC Batch ID: WGC051123

Validated by: dba - 11/29/05

QC Batch Analysis Date: 11/23/2005

Parameter	Result	DF	PQLR	Units
Benzene	ND	1	0.50	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Toluene	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L

Surrogate for Blank % Recovery Control Limits

4-Bromofluorobenzene 86.1 65 - 135

Method Blank - Liquid - EPA 8020 - MTBE by EPA 8020

QC Batch ID: WGC051123

Validated by: dba - 11/29/05

QC Batch Analysis Date: 11/23/2005

Parameter	Result	DF	PQLR	Units
Methyl-t-butyl Ether	ND	1	1.0	µg/L

Surrogate for Blank % Recovery Control Limits

4-Bromofluorobenzene 86.1 65 - 135

Entech Analytical Labs, Inc.

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

Laboratory Control Sample / Duplicate - Liquid - EPA 8020 - BTEX

QC Batch ID: WGC051123

Reviewed by: dba - 11/29/05

QC Batch ID Analysis Date: 11/23/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Benzene	<0.50	4.0	3.60	µg/L	90.0	65 - 135
Ethyl Benzene	<0.50	4.0	3.58	µg/L	89.5	65 - 135
Toluene	<0.50	4.0	3.53	µg/L	88.2	65 - 135
Xylenes, total	<0.50	12	10.8	µg/L	90.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	103	65 - 135

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	<0.50	4.0	3.92	µg/L	98.0	8.5	25.0	65 - 135
Ethyl Benzene	<0.50	4.0	3.47	µg/L	86.8	3.1	25.0	65 - 135
Toluene	<0.50	4.0	3.58	µg/L	89.5	1.4	25.0	65 - 135
Xylenes, total	<0.50	12	10.4	µg/L	86.8	3.6	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	92	65 - 135

Laboratory Control Sample / Duplicate - Liquid - EPA 8020 - MTBE by EPA 8020

QC Batch ID: WGC051123

Reviewed by: dba - 11/29/05

QC Batch ID Analysis Date: 11/23/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Methyl-t-butyl Ether	<1.0	4.0	3.50	µg/L	87.5	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	103	65 - 135

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Methyl-t-butyl Ether	<1.0	4.0	3.52	µg/L	88.0	0.57	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	92	65 - 135

Entech Analytical Labs, Inc.

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

Method Blank - Solid - EPA 8020 - BTEX

QC Batch ID: SGC051130

Validated by: dba - 12/01/05

QC Batch Analysis Date: 11/30/2005

Parameter	Result	DF	PQLR	Units
Benzene	ND	1	0.010	mg/Kg
Ethyl Benzene	ND	1	0.010	mg/Kg
Toluene	ND	1	0.010	mg/Kg
Xylenes, Total	ND	1	0.010	mg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	92.2	65 - 135

Method Blank - Solid - EPA 8020 - MTBE by EPA 8020

QC Batch ID: SGC051130

Validated by: dba - 12/01/05

QC Batch Analysis Date: 11/30/2005

Parameter	Result	DF	PQLR	Units
Methyl-t-butyl Ether	ND	1	0.050	mg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	92.2	65 - 135

Entech Analytical Labs, Inc.

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

Laboratory Control Sample / Duplicate - Solid - EPA 8020 - BTEX

QC Batch ID: SGC051130

Reviewed by: dba - 12/01/05

QC Batch ID Analysis Date: 11/30/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Benzene	<0.010	0.080	0.0790	mg/Kg	98.8	55 - 153
Ethyl Benzene	<0.010	0.080	0.0720	mg/Kg	90.0	67 - 134
Toluene	<0.010	0.080	0.0740	mg/Kg	92.5	45 - 157
Xylenes, total	<0.010	0.24	0.217	mg/Kg	90.4	79 - 126

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	92.8	65 - 135

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	<0.010	0.080	0.0770	mg/Kg	96.2	2.6	30.0	55 - 153
Ethyl Benzene	<0.010	0.080	0.0730	mg/Kg	91.2	1.4	30.0	67 - 134
Toluene	<0.010	0.080	0.0740	mg/Kg	92.5	0.0	30.0	45 - 157
Xylenes, total	<0.010	0.24	0.219	mg/Kg	91.2	0.92	30.0	65 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	95.9	65 - 135

Laboratory Control Sample / Duplicate - Solid - EPA 8020 - MTBE by EPA 8020

QC Batch ID: SGC051130

Reviewed by: dba - 12/01/05

QC Batch ID Analysis Date: 11/30/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Methyl-t-butyl Ether	<0.050	0.080	0.0695	mg/Kg	86.9	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	92.8	65 - 135

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Methyl-t-butyl Ether	<0.050	0.080	0.0720	mg/Kg	90.0	3.5	30.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	95.9	65 - 135

Entech Analytical Labs, Inc.

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

Matrix Spike / Matrix Spike Duplicate - Solid - EPA 8020 - BTEX

QC Batch ID: SGC051130

Reviewed by: dba - 12/01/05

QC Batch ID Analysis Date: 11/30/2005

MS Sample Spiked: 46427-017

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
Benzene	ND	0.080	0.0720	mg/Kg	11/30/2005	90.0	54 - 146
Ethyl Benzene	ND	0.080	0.0710	mg/Kg	11/30/2005	88.7	67 - 134
Toluene	ND	0.080	0.0690	mg/Kg	11/30/2005	86.2	45 - 157
Xylenes, total	ND	0.24	0.214	mg/Kg	11/30/2005	89.2	79 - 126

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	101	65 - 135

MSD Sample Spiked: 46427-017

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	ND	0.080	0.0693	mg/Kg	11/30/2005	86.6	3.8	30.0	54 - 146
Ethyl Benzene	ND	0.080	0.0731	mg/Kg	11/30/2005	91.4	2.9	30.0	67 - 134
Toluene	ND	0.080	0.0686	mg/Kg	11/30/2005	85.7	0.58	30.0	45 - 157
Xylenes, total	ND	0.24	0.227	mg/Kg	11/30/2005	94.6	5.9	30.0	79 - 126

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	106	65 - 135

Entech Analytical Labs, Inc.

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

Matrix Spike / Matrix Spike Duplicate - Solid - EPA 8020 - MTBE by EPA 8020

QC Batch ID: SGC051130

Reviewed by: dba - 12/01/05

QC Batch ID Analysis Date: 11/30/2005

MS Sample Spiked: 46427-017

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
Methyl-t-butyl Ether	ND	0.080	0.0781	mg/Kg	11/30/2005	97.6	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	101	65 - 135

MSD Sample Spiked: 46427-017

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
Methyl-t-butyl Ether	ND	0.080	0.0780	mg/Kg	11/30/2005	97.5	0.13	30.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	106	65 - 135

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Method Blank - Liquid - EPA 160.1 - TDS

QC Batch ID: WTDS051123

Validated by: dqueja - 11/30/05

QC Batch Analysis Date: 11/23/2005

Parameter	Result	DF	PQLR	Units
Total Dissolved Solids	ND	1	10	mg/L

Replicate - liquid - EPA 160.1 - TDS

QC Batch ID: WTDS051123

Validated by: dqueja - 11/30/05

QC Batch Analysis Date: 11/23/2005

Parameter		Sample Result	Replicate Result	Units	RPD	QC Type	RPD Limits
Total Dissolved Solids	46427-002	240	238	mg/L	0.8	Replicate	25.0

Entech Analytical Labs, Inc.

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

Chain of Custody / Analysis Request

Attention to: BRENT WHEELER	Phone No.: 415-512-1555	Purchase Order No.:	Invoice to: (If Different)	Phone:
Company Name: GOLDEN OME TANK	Fax No.: 415-512-0964	Project No.: 8657	Company:	Quote No.:
Mailing Address: 255 SHIPLEY ST	Email Address: data@entech.com	Project Name:	Billing Address: (If Different)	
City: SAN FRANCISCO	State: CA	Zip Code: 94109	Project Location: 748 LINCOLN AVE	City: ALAMEDA
			State: CA	Zip:

Sampler:	Field Org. Code:	Turn Around Time		Matrix	No. of Containers	GC/MS Methods		GC Methods		General Chemistry		Remarks																
		<input type="checkbox"/> Same Day	<input type="checkbox"/> 1 Day			<input type="checkbox"/> 2 Day	<input type="checkbox"/> 3 Day	<input type="checkbox"/> 4 Day	<input type="checkbox"/> 5 Day	<input type="checkbox"/> 10 Day	EPA 8260B		BTEX	5 Oxygenates (MTBE, TBA, ETBA, DIPE, TAME)	Lead Scavengers (1,2-DCA & EDB)	Base/Neutral/Acid Organics	TPH Extractable: Diesel	Pesticides-8081	TPH as Gas	Methanol by 8015M	TOTAL DISSOLVED SOLIDS	Anions: F, Cl, Br, SO4	pH	TSS	SC	NO3	NO2	PO4
WOLF		<input type="checkbox"/>	<input type="checkbox"/>																									
Global ID: T0600129108																												
Order ID: 46427 1/2																												
Client ID / Field Point	Lab. No.	Date	Time	Matrix	No. of Containers	GC/MS Methods	GC Methods	GC Methods	GC Methods	GC Methods	GC Methods	General Chemistry	Remarks															
B1-W	-001	11/18/05	1345	W	4			X	X																			
B2-W	-002		1330	W	5			X	X																			
B3-W	-003		1315	W	4			X	X																			
B4-W	-004		1430	W	4			X	X																			
B1-7.5	-005		0950	S	1			X	X																			
B1-10	-006		0953	S	1			X	X																			
B1-15	-007		0959	S	1			X	X																			
B1-20	-008		1010	S	1			X	X																			
B1-24	-009 HOLD		1030	S	1								HOLD															
B2-7	-010		0830	S	1			X	X																			
B2-10	-011		0843	S	1			X	X																			
B2-15	-012		0847	S	1			X	X																			
B2-20	-013		0910	S	1			X	X																			

Relinquished by:	Received by:	Date: 11/22/05	Time: 12:00	Special Instructions or Comments PAGE 1 OF 2 (see attachment)	<input type="checkbox"/> EDB Report
Relinquished by:	Received by:	Date: 11/22/05	Time: 1:50		<input checked="" type="checkbox"/> EDF Report
Relinquished by:	Received by:	Date:	Time:		<input type="checkbox"/> Plating <input type="checkbox"/> LUFT-5 <input type="checkbox"/> RCRA-8 <input type="checkbox"/> PPM-13 <input type="checkbox"/> CAM-17
Metals: Al, As, Sb, Ba, Be, Bi, B, Cd, Ce, Ca, Cr, Co, Cs, Cu, Fe, Pb, Mg, Mn, Ga, Ge, Hg, In, Li, Mo, Ni, P, K, Si, Ag, Na, S, Se, Sr, Ta, Te, Tl, Sn, Ti, Zn, V, W, Zr					

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

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

Lab Certificate Number: 46452
Issued: 12/01/2005

Project Number: 8657
Project Name: 748 Lincoln Ave.

Project Location: Alameda
Global ID: T0600129108

Certificate of Analysis - Final Report

On November 23, 2005, samples were received under chain of custody for analysis.
Entech analyzes samples "as received" unless otherwise noted. The following results are included:

<u>Matrix</u>	<u>Test</u>	<u>Comments</u>
Solid	Composite Electronic Deliverables Metals by ICP 6010B/200.7 TPH-Extractable Volatile-GC	

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

Date Received: 11/23/2005 2:22:48 PM

Project Number: 8657
Project Name: 748 Lincoln Ave.
GlobalID: T0600129108

Certificate of Analysis - Data Report

Sample Collected by: client

Lab #: 46452-005 Sample ID: 8657SP1A-D Matrix: Solid Sample Date: 11/18/2005 3:00 PM

EPA 3050B EPA 6010B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	Metals QC Batch
Lead	2.5		1.0	1.0	mg/Kg	11/29/2005	SM051129	11/30/2005	SM051129

Analyzed by: EQueja

Reviewed by: dqueja

EPA 3545 EPA 8015 MOD. (Extractable)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	TPH-Extractable QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	11/22/2005	DS051122	11/29/2005	DS051122

11ppm Motor Oil range organics. No Diesel pattern present.

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	85.8	41 - 137

Analyzed by: EricKum

Reviewed by: ECunniffe

EPA 8015 MOD. (Purgeable)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	TPH as Gasoline QC Batch
TPH as Gasoline	ND		1.0	0.50	mg/Kg	N/A	N/A	12/1/2005	SGC051130

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	102	65 - 135

Analyzed by: mruan

Reviewed by: dba

EPA 8020

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	BTEX QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	12/1/2005	SGC051130

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.9	65 - 135

Analyzed by: mruan

Reviewed by: dba

Entech Analytical Labs, Inc.

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

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

QC/Prep Batch ID: DS051122

Validated by: dba - 11/28/05

QC/Prep Date: 11/22/2005

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

Surrogate for Blank	% Recovery	Control Limits
o-Terphenyl	62.7	41 - 137

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

QC/Prep Batch ID: DS051122

Reviewed by: dba - 11/28/05

QC/Prep Date: 11/22/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<2.5	50	36.9	mg/Kg	73.9	45 - 138
TPH as Motor Oil	<10	50	35.1	mg/Kg	70.2	45 - 138

Surrogate	% Recovery	Control Limits
o-Terphenyl	59.7	41 - 137

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<2.5	50	43.5	mg/Kg	87.1	16	30.0	45 - 138
TPH as Motor Oil	<10	50	40.5	mg/Kg	81.1	14	30.0	45 - 138

Surrogate	% Recovery	Control Limits
o-Terphenyl	67	41 - 137

Entech Analytical Labs, Inc.

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

Method Blank - Solid - EPA 8015 MOD. (Purgeable) - TPH as Gasoline

QC Batch ID: SGC051130

Validated by: dba - 12/01/05

QC Batch Analysis Date: 11/30/2005

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	0.50	mg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	98.0	65 - 135

Method Blank - Solid - EPA 8020 - BTEX

QC Batch ID: SGC051130

Validated by: dba - 12/01/05

QC Batch Analysis Date: 11/30/2005

Parameter	Result	DF	PQLR	Units
Benzene	ND	1	0.010	mg/Kg
Ethyl Benzene	ND	1	0.010	mg/Kg
Toluene	ND	1	0.010	mg/Kg
Xylenes, Total	ND	1	0.010	mg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	92.2	65 - 135

Entech Analytical Labs, Inc.

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

Laboratory Control Sample / Duplicate - Solid - EPA 8015 MOD. (Purgeable) - TPH as Gasoline

QC Batch ID: SGC051130

Reviewed by: dba - 12/01/05

QC Batch ID Analysis Date: 11/30/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<0.50	2.5	2.65	mg/Kg	106	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	108	65 - 135

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<0.50	2.5	2.64	mg/Kg	106	0.38	30.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	113	65 - 135

Laboratory Control Sample / Duplicate - Solid - EPA 8020 - BTEX

QC Batch ID: SGC051130

Reviewed by: dba - 12/01/05

QC Batch ID Analysis Date: 11/30/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Benzene	<0.010	0.080	0.0790	mg/Kg	98.8	54 - 146
Ethyl Benzene	<0.010	0.080	0.0720	mg/Kg	90.0	67 - 134
Toluene	<0.010	0.080	0.0740	mg/Kg	92.5	56 - 127
Xylenes, total	<0.010	0.24	0.217	mg/Kg	90.4	79 - 126

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	92.8	65 - 135

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	<0.010	0.080	0.0770	mg/Kg	96.2	2.6	30.0	54 - 146
Ethyl Benzene	<0.010	0.080	0.0730	mg/Kg	91.2	1.4	30.0	67 - 134
Toluene	<0.010	0.080	0.0740	mg/Kg	92.5	0.0	30.0	45 - 157
Xylenes, total	<0.010	0.24	0.219	mg/Kg	91.2	0.92	30.0	79 - 126

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	95.9	65 - 135

Entech Analytical Labs, Inc.

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

Matrix Spike / Matrix Spike Duplicate - Solid - EPA 8020 - BTEX

QC Batch ID: SGC051130

Reviewed by: dba - 12/01/05

QC Batch ID Analysis Date: 11/30/2005

MS Sample Spiked: 46427-017

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
Benzene	ND	0.080	0.0720	mg/Kg	11/30/2005	90.0	54 - 146
Ethyl Benzene	ND	0.080	0.0710	mg/Kg	11/30/2005	88.7	67 - 134
Toluene	ND	0.080	0.0690	mg/Kg	11/30/2005	86.2	45 - 157
Xylenes, total	ND	0.24	0.214	mg/Kg	11/30/2005	89.2	79 - 126

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	101	65 - 135

MSD Sample Spiked: 46427-017

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	ND	0.080	0.0693	mg/Kg	11/30/2005	86.6	3.8	30.0	54 - 146
Ethyl Benzene	ND	0.080	0.0731	mg/Kg	11/30/2005	91.4	2.9	30.0	67 - 134
Toluene	ND	0.080	0.0686	mg/Kg	11/30/2005	85.7	0.58	30.0	45 - 157
Xylenes, total	ND	0.24	0.227	mg/Kg	11/30/2005	94.6	5.9	30.0	79 - 126

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	106	65 - 135

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

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

QC/Prep Batch ID: SM051129

Reviewed by: dqueja - 11/30/05

QC/Prep Date: 11/29/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Antimony	<1.0	50	46.9	mg/Kg	93.8	75 - 125
Arsenic	<1.0	50	45.1	mg/Kg	90.2	75 - 125
Barium	<1.0	50	48.2	mg/Kg	96.3	75 - 125
Beryllium	<1.0	50	44.7	mg/Kg	89.3	75 - 125
Cadmium	<1.0	50	42.9	mg/Kg	85.8	75 - 125
Chromium	<1.0	50	46.9	mg/Kg	93.9	75 - 125
Cobalt	<1.0	50	46.4	mg/Kg	92.9	75 - 125
Copper	<1.0	50	46.9	mg/Kg	93.8	75 - 125
Lead	<1.0	50	46.2	mg/Kg	92.4	75 - 125
Molybdenum	<1.0	50	47.0	mg/Kg	94.0	75 - 125
Nickel	<1.0	50	46.1	mg/Kg	92.1	75 - 125
Selenium	<2.0	50	40.8	mg/Kg	81.7	75 - 125
Silver	<1.0	50	45.8	mg/Kg	91.6	75 - 125
Thallium	<2.0	50	43.3	mg/Kg	86.6	75 - 125
Vanadium	<1.0	50	47.3	mg/Kg	94.5	75 - 125
Zinc	<2.0	50	42.5	mg/Kg	85.0	75 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Antimony	<1.0	50	47.2	mg/Kg	94.4	0.66	25.0	75 - 125
Arsenic	<1.0	50	45.0	mg/Kg	90.0	0.24	25.0	75 - 125
Barium	<1.0	50	49.2	mg/Kg	98.4	2.1	25.0	75 - 125
Beryllium	<1.0	50	45.2	mg/Kg	90.4	1.2	25.0	75 - 125
Cadmium	<1.0	50	42.6	mg/Kg	85.1	0.80	25.0	75 - 125
Chromium	<1.0	50	47.2	mg/Kg	94.4	0.51	25.0	75 - 125
Cobalt	<1.0	50	46.6	mg/Kg	93.1	0.26	25.0	75 - 125
Copper	<1.0	50	46.8	mg/Kg	93.6	0.28	25.0	75 - 125
Lead	<1.0	50	46.3	mg/Kg	92.6	0.24	25.0	75 - 125
Molybdenum	<1.0	50	47.1	mg/Kg	94.1	0.13	25.0	75 - 125
Nickel	<1.0	50	46.2	mg/Kg	92.4	0.30	25.0	75 - 125
Selenium	<2.0	50	40.0	mg/Kg	79.9	2.2	25.0	75 - 125
Silver	<1.0	50	45.8	mg/Kg	91.7	0.11	25.0	75 - 125
Thallium	<2.0	50	43.2	mg/Kg	86.5	0.14	25.0	75 - 125
Vanadium	<1.0	50	46.8	mg/Kg	93.5	1.1	25.0	75 - 125
Zinc	<2.0	50	41.0	mg/Kg	81.9	3.7	25.0	75 - 125

Entech Analytical Labs, Inc.

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

Chain of Custody / Analysis Request

Attention to: BRENT WHEELER	Phone No.: 415-512-1555	Purchase Order No.:	Invoice to: (If Different)	Phone:
Company Name: GOLDEN GATE TANK	Fax No.: 415-512-0964	Project No.: 8657	Company:	Quote No.:
Mailing Address: 255 SHIPLEY ST	Email Address: data@egtl.com	Project Name:	Billing Address: (If Different)	
City: SAN FRANCISCO	State: CA	Zip Code: 94109	Project Location: 748 LINCOLN AVE	City: ALAMEDA
			State: CA	Zip:

Sampler:	Field Org. Code:	Turn Around Time	GC/MS Methods	GC Methods	General Chemistry	No. of Containers	Matrix	Remarks
Wolf		<input type="checkbox"/> Same Day <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Day <input type="checkbox"/> 3 Day <input checked="" type="checkbox"/> 4 Day <input type="checkbox"/> 5 Day <input type="checkbox"/> 10 Day	EPA 8260B BTEX <input type="checkbox"/> MTBE <input type="checkbox"/> TPH Gas <input type="checkbox"/> by 8260B 5 Oxygenates (MTBE, TBA, ETBA, DIPE, TAME) <input type="checkbox"/> Lead Scavengers (1,2-DCA & EDB) <input type="checkbox"/> Base/Neutral/Acid Organics 8270C <input type="checkbox"/> PAH - 8270C <input type="checkbox"/> PAH - 8270C SIM <input type="checkbox"/> TPH Extractable: Diesel <input type="checkbox"/> Motor Oil <input type="checkbox"/> Other <input type="checkbox"/> w/ Si-Gel Cleanup <input type="checkbox"/> Pesticides-8081 <input type="checkbox"/> PCBs-8082 <input type="checkbox"/> TPH as Gas/BTEX <input type="checkbox"/> MTBE <input type="checkbox"/> by 8015M/8020 Methanol by 8015M	Anions: F <input type="checkbox"/> Cl <input type="checkbox"/> Br <input type="checkbox"/> SO4 <input type="checkbox"/> NO3 <input type="checkbox"/> NO2 <input type="checkbox"/> PO4 <input type="checkbox"/> PH <input type="checkbox"/> TSS <input type="checkbox"/> SC <input type="checkbox"/> TOC <input type="checkbox"/> TRPH <input type="checkbox"/> O & G <input type="checkbox"/> Metals - Circle Below Total Dissolved <input type="checkbox"/> STIC <input type="checkbox"/> TCLP <input type="checkbox"/>				
Global ID: T0600129108	Order ID: 46452	Sample						
Client ID / Field Point	Lab. No.	Date	Time					
8657SPIA-D	005	11/18/05	1500	S	4			X

Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Date: 11/23/05	Time: 1028	Special Instructions or Comments Metals: Al, As, Sb, Ba, Be, Bi, B, Cd, Ce, Ca, Cr, Co, Cs, Cu, Fe, Pb , Mg, Mn, Ga, Ge, Hg, In, Li, Mo, Ni, P, K, Si, Ag, Na, S, Se, Sr, Ta, Te, Tl, Sn, Ti, Zn, V, W, Zr	<input type="checkbox"/> EDD Report <input checked="" type="checkbox"/> EDF Report
Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Date: 11/23/05	Time: 1220		<input type="checkbox"/> Plating <input type="checkbox"/> LUFT-5 <input type="checkbox"/> RCRA-8 <input type="checkbox"/> PPM-13 <input type="checkbox"/> CAM-17
Relinquished by:	Received by:	Date:	Time:		

Electronic Submittal Information

[Main Menu](#) |
 [View/Add Facilities](#) |
 [Upload EDD](#) |
 [Check EDD](#)

Your EDF file has been successfully uploaded!

Confirmation Number: 9162265658
Date/Time of Submittal: 12/20/2005 8:52:16 AM
Facility Global ID: T0600129108
Facility Name: MONTEREY APARTMENTS
Submittal Title: 46427-Analytical Sata 748 Lincoln Ave (11/18/2005)
Submittal Type: Miscellaneous Sample Results

[Click here to view the detections report for this upload.](#)

MONTEREY APARTMENTS 748 LINCOLN AVENUE ALAMEDA, CA 94501	Regional Board SAN FRANCISCO BAY RWQCB (REGION 2) - (BG) Local Agency (lead agency) - Case #: RO0002880 ALAMEDA COUNTY LOP - (AG)
---	--

CONF #	TITLE	QUARTER
9162265658	46427-Analytical Sata 748 Lincoln Ave (11/18/2005)	Q4 2005
SUBMITTED BY	SUBMIT DATE	STATUS
Brent Wheeler	12/20/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	19
# FIELD POINTS WITH DETECTIONS	1
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	SOIL, WATER

METHOD QA/QC REPORT

METHODS USED	CATFH, E160.1, SW8020
TESTED FOR REQUIRED ANALYTES?	Y
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	n/a
- MATRIX SPIKE	n/a
- MATRIX SPIKE DUPLICATE	n/a
- BLANK SPIKE	n/a
- SURROGATE SPIKE	n/a

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

Logged in as GGTR (AUTH_RP)

CONTACT SITE ADMINISTRATOR

Electronic Submittal Information

[Main Menu](#) | [View/Add Facilities](#) | [Upload EDD](#) | [Check EDD](#)

Your EDF file has been successfully uploaded!

Confirmation Number: 2796403050

Date/Time of Submittal: 12/20/2005 9:30:48 AM

Facility Global ID: T0600129108

Facility Name: MONTEREY APARTMENTS

Submittal Title: Analytical Data 748 Lincoln Avenue 11/18/05

Submittal Type: Miscellaneous Sample Results

Click [here](#) to view the detections report for this upload.

MONTEREY APARTMENTS 748 LINCOLN AVENUE ALAMEDA, CA 94501	<u>Regional Board</u> SAN FRANCISCO BAY RWQCB (REGION 2) - (BG) <u>Local Agency (lead agency) - Case #: RO0002880</u> ALAMEDA COUNTY LOP - (AG)
---	--

CONF #	TITLE	QUARTER
2796403050	Analytical Data 748 Lincoln Avenue 11/18/05	Q4 2005
SUBMITTED BY	SUBMIT DATE	STATUS
Brent Wheeler	12/20/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	1
# FIELD POINTS WITH DETECTIONS	1
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	SOIL

METHOD QA/QC REPORT

METHODS USED CATPH-D,CATPH-G,SW6010B,SW8020

TESTED FOR REQUIRED ANALYTES? N

MISSING PARAMETERS NOT TESTED:

- CATPH-D REQUIRES TPHC28C40 TO BE TESTED
- CATPH-D REQUIRES TPHC10C28 TO BE TESTED
- CATPH-G REQUIRES TPHC6C12 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?	0
- LAB METHOD BLANK	n/a
- MATRIX SPIKE	n/a
- MATRIX SPIKE DUPLICATE	n/a
- BLANK SPIKE	n/a
- SURROGATE SPIKE	n/a

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
---	-----

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

Logged in as GGTR (AUTH_RP)

CONTACT SITE ADMINISTRATOR

APPENDIX D

**SURVEY DATA SHEET
FLUID-LEVEL MONITORING DATA SHEET**

Golden Gate Tank Removal, Inc.

255 Shipley Street
San Francisco, California 94107
Ph 415.512.1555 Fx 415.512.0964

SURVEY DATA SHEET

Project No: 2657 Date: 11/22/05

Client: MONTREAL APARTMENTS

Site Location: 748 LINCOLN AVENUE, ALAMEDA

Surveyor: B WHEELER Instrument: TOPCON RL-20
S/N R3290

STATION/ WELL	+B.S. (feet)	H.I. (feet)	-F.S. (feet)	ELEV. (feet)	Comments
A	5'10"	22.83		~ 17	
B1 GR			5'10 ⁷ / ₁₆ "	16.95	
B2 TOC			6'11"	15.91	
B2 GR			6'10"	15.99	
B3 TOC			5'10.5"	16.96	
B3 GR			5'9 ³ / ₁₆ "	17.06	
B4 TOC			6'4 ³ / ₁₆ "	16.43	
B4 GR			6'4 ³ / ₁₆ "	16.48	
☉ LINCOLN			5'4 ⁵ / ₈ "	17.44	
DIPLOMA CUTR OST			5'8 ¹¹ / ₁₆ "	17.11	
GARAGE GR			2'6"	14.33	
A	5'10"	✓			

Source and Description of Bench Mark/Arbitrary Datum: "A"
An "X" ETCHED TOP OF EAST CURB RETURN ADJOINING EAST
DRIVEWAY APPROXIMATE TO GARAGE, WITH ASSUMED
ELEVATION OF 17 FEET (NOT MEAN SEA LEVEL).

Measurements Referenced To: TOC GRADE OTHER

Page 1 of 1

APPENDIX E

WASTE MANIFEST
WEIGHT TICKET

Keller Canyon Sanitary Landfill
 901 Bailey Road
 Pittsburg, CA 94565
 Phone (925) 458-9800
 Fax (925) 458-9891

Ox Mountain Sanitary Landfill
 12310 San Mateo Road
 Half Moon Bay, CA 94019
 Phone (650) 726-1819
 Fax (650) 726-9183

Newby Island Sanitary Landfill
 1601 Dixon Landing Road
 Milpitas, CA 95035
 Phone (408) 945-2800
 Fax (408) 262-2871

Forward Landfill
 9999 S. Austin Road
 Manteca, CA 95336
 Phone (209) 982-4298
 Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR *Robert G Bond*

MAILING ADDRESS *865 Hallmark Drive*

CITY, STATE, ZIP *Redding, CA 96001-0135*

PHONE *(530) 241-1050*

CONTACT PERSON *Robert G. Bond*

SIGNATURE OF AUTHORIZED AGENT / TITLE *[Signature] / Field Operations Manager 12/16/05*

DATE *12/16/05*

WASTE ACCEPTANCE NO.
6041 -

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
 GLOVES GOGGLES RESPIRATOR HARD HAT
 TY-VEK OTHER

SPECIAL HANDLING PROCEDURES:

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
 DISPOSAL SLUDGE
 CONSTRUCTION WOOD
 DEBRIS OTHER *soil*
 SPECIAL WASTE

GENERATING FACILITY
743 Lincoln Ave, Alameda 94501 8657

RECEIVING FACILITY

TRANSPORTER *Golden Gate Tank Removal*

ADDRESS *255 Skytop St*

CITY, STATE, ZIP *San Francisco, CA 94107*

PHONE *(415) 512-1555*

SIGNATURE OF AUTHORIZED AGENT OR DRIVER *[Signature] / Field Operations Manager 12/16/05*

DATE *12/16/05*

NOTES: VEHICLE LICENSE NUMBER *7C01837* TRUCK NUMBER *105*

END DUMP BOTTOM DUMP TRANSFER

ROLL-OFF(S) FLAT-BED VAN DRUMS

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT *[Signature]* DATE *12-16-05*

CUBIC YARDS *1*

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
<input checked="" type="checkbox"/> SOIL		
<input type="checkbox"/> CONSTRUCTION DEBRIS		
<input type="checkbox"/> NON-FRIABLE ASBESTOS		
<input type="checkbox"/> WOOD		
<input type="checkbox"/> ASH		
<input type="checkbox"/> SPECIAL OTHER		

FORWARD INCORPORATED

9999 South Austin Road
 Manteca, CA 95336
 Landfill: (209) 982-4298 Fax (209) 982-1009
 Resource Recovery: (209) 982-4298

P.O. Box 6336
 Stockton, CA 95206
 Main Office: (209) 466-4482
 Fax: (209) 465-0631

DATE 12-11-08

TRUCK LIC.# _____

CUSTOMER NO. 6041

TRUCK NO. 105

TRAILER LIC.# _____

BILL TO: Golden Gate Tank

232116

SIZE YDS.	DESCRIPTION	NOTES	
	<input type="checkbox"/> REFUSE <input type="checkbox"/> TREATED WOOD		GROSS
	<input type="checkbox"/> SLUDGE <input type="checkbox"/> ASH		TARE
	<input type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-FRIABLE ASBESTOS		NET
	<input checked="" type="checkbox"/> SOIL <input type="checkbox"/> SOIL <input type="checkbox"/> STOCKPILE		TONS
<u>2</u>	<u>Buckets</u>		

7140
7020
120
0.06

Signed [Signature]

IN _____ A.M./P.M.
 OUT _____ A.M./P.M.