January 13, 2008

Mr. Paresh Khatri
Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RE: Fourth Quarter 2008 - Groundwater Monitoring Report

SITE: 1532 Peralta Street, Oakland, CA 94607
ACHCSA Fuel Leak Case Site No. RO0000177
GGTR Project 8757

Dear Mr. Khatri:

On behalf of Mr. James Tracy, Golden Gate Tank Removal, Inc. (GGTR) is pleased to submit the enclosed Fourth Quarter 2008 *Groundwater Monitoring Report* presenting the findings and conclusions of the December 11, 2008, quarterly groundwater monitoring and sampling activities performed at 1532 Peralta Street in Oakland, California. GGTR uploaded an electronic copy of the report to the State Water Resources Control Board's GeoTracker Database System.

Should you have any questions, please contact us at your earliest convenience at (415) 512-1555. In my absence from the office, I may be reached by cellular service at (415) 686-8846.

Sincerely,
Golden Gate Tank Removal, Inc.

Brent A. Wheeler
Project Manager

Enclosure/1

cc: Mr. James Tracy, 878 Hayden Court, Alpine, UT 84004

GROUNDWATER MONITORING REPORT

LBJ's Automotive Repair
1532 Peralta Street
Oakland, CA 94607

ACHCSA Fuel Leak Case No. RO0000177

Prepared For:

Mr. James Tracy
878 Hayden Court
Alpine, UT 84004

GGTR Project No. 8757
Sampling Date: December 11, 2008
Report Date: January 13, 2009

Brent Wheeler
Project Manager

PROFESSIONAL GEOLOGIST
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GROUNDWATER MONITORING REPORT
1532 Peralta Street, Oakland, CA 94607

TABLE OF CONTENTS

FIGURES

TABLE

ATTACHMENT

GROUNDWATER MONITORING REPORT

LBJ's Automotive Repair
1532 Peralta Street, Oakland, CA 94607

INTRODUCTION

This report presents the results and findings of the December 11, 2008 quarterly groundwater monitoring and sampling activities conducted by Golden Gate Tank Removal, Inc. (GGTR) at the commercial property located at 1532 Peralta Street in Oakland, California (the Site). The Alameda County Health Care Services Agency (ACHCSA) designated the Site as Fuel Leak Case No RO0000117.

This monitoring event (Fourth Quarter 2008) represents the twelfth consecutive quarterly monitoring event for the six on Site monitoring wells, MW-1 through MW-6, since the well installation and initial sampling event in February/March 2004. Figure 1 "*Site Location Map"* depicts the location of the Site. Figure 2 "*Site Map"* depicts the approximate location of the former underground fuel storage tanks (USTs), the approximate lateral limits of UST over excavation, historical soil borings, and existing groundwater monitoring wells. Figure 3 "*Groundwater Potentiometric Map"* shows the approximate groundwater flow direction and hydraulic gradient across the Site. Figure 4 *"Groundwater Analytical Data Diagram"* presents a summary of the groundwater samples analytical results. Figure 5 *"Groundwater MTBE Concentration Map"* depicts the concentration of the methyl tertiary-butyl ether (MTBE) plume. The attached Table presents a summary of the historical groundwater fluid level monitoring data and laboratory analytical results.

SITE DESCRIPTION

The Site is located at the southeast corner of Peralta Street and 16th Street in Oakland, California (Alameda County). The Site lies approximately one mile south of the San Francisco Bay. The elevation of the Site is approximately 13 feet above Mean Sea Level (MSL, Figure 1) occupying 6,356 square feet (0.15 acre) in area. Mr. Orobo Osagie previously owned the Site from May 1998 to early 2006, at which time Mr. James Tracy of Alpine Rentals took claim as the new responsible party for the Site (Alameda County Assessor Parcel 5-370-1). The Site is currently leased to LBJ's Automotive Repair for the service of automobiles. The Site operated as a gasoline service station prior to 1998. The nearby property, located to the northeast, across 16th Street (1600 Peralta Street), was a former gasoline service station and car repair garage (Figure 2).

The Site is relatively flat with the topographic relief generally directed towards the northwest in the general direction of the San Francisco Bay (Figure 1). A single-story divided structure, approximately 1,175 square feet in area, lies on the southeast side of the Site and is currently used as an automobile service garage. The flooring in the service garage and office space is paved with concrete. The majority of the Site is paved throughout with asphalt.

Soil beneath the Site described during the February 2004 soil boring/well installation, was predominately clayey, silty, fine-grained sand to a total depth of 16 feet below ground surface (bgs). Granulometric analysis of the soil collected during the soil boring activities was not performed. The geologic map also indicates that the Site is situated approximately 4 miles southwest and 14 miles northeast of the Hayward and San Andreas Fault Zones, respectively. The Site is located within the East Bay Plain Groundwater Basin that contains a significant drinking water resource. However, groundwater at the Site is apparently designated as "other groundwater" considered not used for drinking water.

The regional groundwater flow direction in the vicinity of the Site is approximately toward the north-northwest, in the general direction of the San Francisco Bay and decreasing topographic relief. The nearest surface water body is the Oakland Outer Harbor of the San Francisco Bay, located approximately 1.03 miles northwest of the subject property (Figure 1). The groundwater flow direction calculated from groundwater elevations in the onsite monitoring wells has been consistent and is directed northward.

PROJECT HISTORY

Underground Tank Removal - December 1999: In December 1999, GGTR removed five USTs from the Site at the locations shown in Figure 2. The following table presents a summary of the tank designations, size, type of construction, and contents:

Designation	Construction	Diameter (Feet)	Length (Feet)	Volume (Gallons)	Contents
UST #1	Steel	6	10	2,000	diesel
UST #2	Steel	4	7	675	gasoline
UST #3	Steel	4	7	675	gasoline
UST #4	Steel	5	7	1,000	gasoline
UST #5	Steel	5	7	1,000	diesel

GGTR subsequently collected soil samples from each excavation between 7 and 12.5 feet below grade surface (bgs). These samples contained maximum concentrations of TPH-G (TPH-G 2,600 milligrams per kilogram [mg/kg; parts per million]), TPH as diesel (TPH-D 8,100 mg/kg), and benzene (9.1 mg/kg). UST removal and sampling activities were conducted under the supervision of Mr. Hernan Gomez of the City of Oakland Fire Prevention Bureau (OFPB). Laboratory results of the soil samples collected after the tank removal are presented in the report entitled *Tank Closure Report, GGTR December 15,*

1999 and Site Characterization and Groundwater Monitoring Report, GGTR September 14, 2006. Following sampling, the excavations were backfilled with the excavated soil stockpiles. The volume of the USTs was replaced with imported soil. Based on analytical results of the excavation soil sample analysis, Mr. Gomez requested a work plan of over-excavation activities to assess the extent of hydrocarbon-affected soil and potential impact to groundwater in the vicinity of the former USTs.

Over-Excavation & Disposal - January and February 2000: On January 3, 2000, GGTR submitted the requested work plan, which was approved by the OFPB in a letter dated January 25, 2000. In January and February 2000, in accordance with the proposed work plan activities, GGTR over-excavated the former UST cavities up to approximately 11 ft bgs, and to the approximate lateral limits shown in Figure 2. GGTR collected soil samples from the sidewalls (7.5 ft bgs.) and from the bottom (12 ft bgs.) of the over-excavated cavities. Groundwater accumulated within the excavations and was subsequently purged prior to sampling.

After groundwater stabilized within each excavation at approximately 8 ft bgs, GGTR collected a groundwater sample from each excavation. GGTR performed the sampling activities under the direction of Mr. Gomez of the OFPB. Approximately 194 tons of petroleum hydrocarbon impacted soil were excavated from the Site and disposed of at Forward, Inc. in Manteca, California. The excavation was subsequently backfilled and the pavement was replaced with concrete and asphalt, respectively. Significant concentrations of TPH-G, TPH-D, benzene, and MTBE (in groundwater only) were reported for each sample. Sampling activities and soil and groundwater laboratory results are presented in the document entitled *Remedial Activity Report,* GGTR March 8, 2000.

Remedial Activity Plan - October 2000 to May 2002: Following review of the Remedial Activity Report, the ACHCSA, in letters dated May 19 and May 25, 2000, identified elevated levels of residual gasoline and diesel-range hydrocarbons in the soil and groundwater in the vicinity of the former USTs and requested a work plan to evaluate the lateral and vertical extent of contamination at the Site.

On October 6, 2000, DECON Environmental Services, Inc. (DECON) of Hayward, California prepared the requested work plan *(Remedial Activity Plan, October 2000),* which was subsequently approved by Mr. Larry Seto of the ACHCSA. After further review of DECON's work plan, representatives of both the ACHCSA and State Water Resources Control Board UST Cleanup Fund concurred that the work plan required additional content and requested that it be revised and resubmitted to the ACHCSA for review and approval. In February 2002, GGTR prepared the revised work plan for soil and groundwater investigation activities at the subject property.

Preliminary Soil Sampling / Monitoring Well Installation (MW-1 through MW-6): February 2004 - In February 2004 and in collaboration with Gregg Drilling, Inc., GGTR advanced eleven direct-push soil borings (B1 through B11) to a depth of 12 to 16 feet bgs. Six of the borings, B2, B4, B6, B9, B10, and B11, were converted to pre-packed ¾"-diameter monitoring wells MW-1 through MW-6, respectively. Groundwater was encountered between 2 and 4 feet bgs and stabilized in the wells at approximately 2 to 3 feet bgs. The investigation objective was to define the extent of petroleum hydrocarbon impact to soil and groundwater. On April 13, 2006, Virgil Chavez Land Surveying of Vallejo California, surveyed the top of casings of all six monitoring wells at the Site. Permits, boring logs, well sampling field sheets, and the laboratory analytical reports for soil and groundwater are presented in the report entitled *Site Characterization and Groundwater Monitoring Report, GGTR September 14, 2006.*

Work Plan / Site Conceptual Model – January to March 2007: Based upon review of the September 2006 Site Characterization and Groundwater Monitoring Report, the ACHCSA in their letter dated November 29, 2006, concurred that a work plan including a conduit survey, historical research and initial Site conceptual model be prepared for the fuel leak investigation at the subject property. On January 31, 2007, GGTR prepared its Soil and Water Delineation Work Plan. The ACHCSA, in their letter dated February 15, 2007, requested an addendum to address additional investigation of suspect conduits and other issues. On March 20, 2007, GGTR submitted the Addendum to the Soil and Water Delineation Work Plan, modifying the procedures in the submitted work plan and proposing additional investigation activities for delineating the lateral extent of soil and water contamination in the vicinity of the Site. On May 1, 2008, the ACHCSA conditionally approved the subject work plan and addendum.

Additional Site Characterization Implementation - August 2008: On August 20 & 22, 2008, GGTR implemented a portion of the field activities of the approved soil and water delineation activities, which included additional soil and groundwater characterization in the vicinity of the former fuel dispenser island and subsurface product piping. Future activities at the Site to complete the proposed additional work include source remedial soil excavation activities and additional monitoring well installations; once implemented, the results and findings of the additional soil and groundwater investigation will be presented in a separate report.

Groundwater Monitoring Program (MW-1 to MW-6) - March 2006 to Present: GGTR has conducted quarterly groundwater monitoring and sampling events at the Site on a consecutive basis since March 2006. Groundwater sample analytical results and associated groundwater level monitoring data for each event are summarized in the attached Table. Details of each event are provided in respective Groundwater Monitoring Reports prepared by GGTR. The results of the Fourth Quarter 2008 monitoring and sampling event are presented in the following sections.

GROUNDWATER MONITORING & SAMPLING: September 2008

The scope of work covered in this report includes the following:

- Groundwater level monitoring of six monitoring wells (MW-1 to MW-6)
- Groundwater purging and sampling of five monitoring wells (MW-1, MW-2, MW3, MW-4, and MW-6)
- Laboratory analysis of groundwater samples
- Waste Management
- Data interpretation and report preparation
- GeoTracker Upload

Groundwater Sampling Field Procedures: GGTR conducted the Fourth Quarter 2008 groundwater monitoring and sampling activities at the Site on December 11, 2008. Prior to purging and sampling monitoring wells MW-1 to MW-6, GGTR measured and recorded the depth to groundwater using an electronic interface water/oil level meter. Groundwater levels were measured to the nearest 0.01 foot.

GGTR then purged groundwater from wells MW-1, MW-2, MW-3, MW-4, and MW-6 using a low-flow peristaltic pump and disposable polyethylene tubing. Purge rates varied in each well between 300 to 400 milliliters per minute (ml/min), minimizing drawdown of the groundwater table. GGTR purged three casing volumes from wells MW-1 to MW-4 and MW-6 or until three consecutive parameter readings of pH, temperature and specific conductivity varied by less than 0.1, 10%, and 3%, respectively, in general accordance with ASTM Designation D6771-02 (*Standard Practice for Low-Flow Purging and Sampling for Wells and Devices Used for Groundwater Quality Investigation*s). The purge water was transferred directly to a 55-gallon D.O.T.- approved steel drum. After purging the wells, GGTR collected a groundwater sample from MW-1, MW-2, MW-3, MW-4, and MW-6 using a peristaltic pump and clean dedicated polyethylene tubing. Each sample was collected at a significantly lower pumping rate, with the sample intake just below the water level in each well casing. Each sample was transferred directly into the appropriate laboratory sample containers. All volatile organic analysis (VOA) vials were sealed with a threaded cap, inverted, and checked to ensure that no entrapped air was present. Well MW-5 was not sampled or purged due to an insufficient volume of water within the well casing. Attachment A includes a copy of the *Well Purging/Sampling Data Sheets*.

Following sampling activities, the groundwater samples were labeled and immediately stored in a cooler chilled to 4°centigrade. GGTR submitted the samples to a California-Certified analytical laboratory under formal chain-of-custody protocol. Between each well location, all downhole monitoring and purging equipment were decontaminated using an Alconox wash solution and double rinsed with clean, potable water. GGTR transferred the wash and rinse water to a 55-gallon D.O.T. approved steel drum, which was labeled and temporarily stored onsite in a secure area pending final disposal at a licensed facility.

Groundwater Sample Analysis: On December 12, 2008, GGTR submitted the groundwater samples under formal chain of custody command to Curtis & Tompkins Analytical Labs, Ltd. (CA ELAP #01107) in Berkeley, California for laboratory analysis of the following constituents:

- TPH-D by EPA Method 8015B
- TPH-G by EPA Method 8260B
- VOC (BTEX and Fuel Oxygenates) by EPA Method 8260B

Curtis & Tompkins performed all volatile analyses in conformance with the maximum 14-day holding time for these analyses. Attachment B includes a copy of the Laboratory Certificate of Analysis and associated Chain of Custody form.

GeoTracker Electronic Submittal: GGTR directed Curtis & Tompkins to submit all analytical data in electronic deliverable format (EDF) via the Internet. GGTR uploaded the analytical data as well as the Groundwater-Level Monitoring Data (GEO_WELL) to the State Water Resources Control Board's GeoTracker Database System. GGTR also uploaded a copy of this report in Portable Data Format (PDF) to the GeoTracker Database. Attachment B includes a copy of each associated GeoTracker Upload Confirmation Form.

Groundwater Waste Management: The well purge water and equipment wash and rinse water generated during the December 11, 2008 monitoring and sampling event (approximately 10 gallons), was transferred to a 55-gallon D.O.T.-approved steel drum, appropriately labeled and temporarily stored onsite in a secure area awaiting final disposal at a licensed facility. On November 26, 2008, Clearwater Environmental pumped the purge and wash/rinse water from the drum generated during previous groundwater monitoring sampling event and transported the *Hazardous Waste Liquid* (@ 45 gallons) under Non-Hazardous Waste Manifest No. 6326, to the Alviso Independent Oil Facility in Alviso, California. Clearwater Environmental also transported a drum containing 30 pounds of Non-Hazardous soil generated during the additional site characterization conducted by GGTR in August 2008. Clearwater Environmental transported the soil under Non-Hazardous Waste Manifest No. 6326, to the Alviso Independent Oil Facility in Alviso, California. A copy of the solid and liquid waste manifest is presented in Attachment B.

RESULTS

Results of Groundwater Measurements: The groundwater levels measured in wells MW-1, MW-2 and MW-3 during the December 11, 2008 monitoring event were used to calculate the groundwater elevation across the site relative to the MSL. GGTR used the groundwater elevation to calculate the groundwater flow direction and hydraulic gradient across the Site. Figure 3 depicts the groundwater equipotential contour lines, flow direction and hydraulic gradient. The attached Table presents the historical groundwater elevation data for the Site since installation of the six existing groundwater monitoring wells. Documentation of the monitoring, purging and sampling activities performed during this event is presented in Attachment A.

The groundwater elevation, flow direction and hydraulic gradient calculated during the December 2008 monitoring event varied from the September 2008 monitoring event. The December 11, 2008 measurements indicate that the general groundwater flow direction beneath the Site changed to 20 degrees towards the northwest (N20°W) under an hydraulic gradient of 0.025 ft/ft. During the September monitoring, the general groundwater flow direction beneath the Site was 18 degrees towards the northeast (N18°E) under an hydraulic gradient of 0.004 ft/ft. The groundwater elevations calculated during this monitoring event ranged from 3.93 feet above MSL in well MW-3, to 5.40 feet above MSL in MW-1. The December 2008 measurements represent late winter weather conditions with the mean groundwater elevation at 0.6 feet deeper than that measured in September 2008 during summer weather conditions.

Results of Groundwater Sampling and Laboratory Analysis: The attached Table presents a summary of the groundwater fluid levels monitoring data and laboratory analytical results of monitoring wells MW-1 to MW-6. Attachment A includes copies of the field documentation of the monitoring, purging and sampling activities performed during this event. Attachment B includes a copy of the Laboratory Certificate of Analysis and the associated Chain-of-Custody Form.

Again, the maximum TPH-G concentration was detected in the groundwater sample collected from monitoring well MW-6, at 1,900 ug/l. This value was above its respective Environmental Screening Level (ESL). However, the laboratory report indicates that the TPH-G concentration in the sample exhibits chromatographic pattern that does not resemble the standard. TPH-G concentrations have fluctuated in this well since March 2004, ranging between 2,200 ug/l in September 2007 and 8,400 ug/l in December 2006. TPH-G was also detected above its ESL in monitoring wells MW-1 and MW-4 at concentrations of 180 and 830 ug/l, respectively. The laboratory report however indicates that the concentration of TPH-G in these wells exhibits chromatographic pattern that does not resemble the standard. TPH-G was again not detected in the sample collected from wells MW-2 and MW-3. TPH-G has not been detected in MW-2 and MW-3 since June 2006, and December 2006, respectively. Benzene continues to significantly exceed its ESL in well MW-6 (510 ug/l), located in the direct proximity of the former gasoline UST #'s 2 to 4 (Figure 2). Benzene appears to show a general decreasing trend in MW-6 since March 2004. Concentrations of Toluene, Ethylbenzene, and Xylenes detected in MW-6

were all below their respective ES. BTEX were not detected or detected below the laboratory reporting limits in wells MW-1, MW-2, MW-3, and MW-4.

Concentrations of TPH-D were detected above its ESL in groundwater samples collected from monitoring wells MW-1, MW-2, MW-3, MW-4 and MW-6 at 710 ug/l, 150 ug/l, 630 ug/l, 4,500 ug/l, and 7,300 ug/l, respectively. The laboratory report indicated that the concentrations of TPH-D in MW-1, MW-2, and MW-3 exhibit chromatographic patterns that do not resemble the standard.

MTBE concentrations exceeding its applicable ESL were detected in the groundwater samples collected from MW-1, MW-4, and MW-6 at levels of 25 ug/l, 10 ug/l, and 540 ug/l, respectively. Maximum concentrations of MTBE have historically been detected in MW-5 and MW-6, ranging between 730 and 2,250 ug/l (MW-5), and 450 and 1,440 (MW-6), respectively. MTBE has shown a general decreasing trend in both wells since March 2004. (MW-5 could not be sampled during this quarter due to an insufficient water supply in the well). Concentrations of MTBE were detected below its ESL in monitoring wells MW-2 and MW-3. The compound Methyl tert-Amyl Ether (TAME) was detected in well MW-1 at 1.6 ug/l. The ESL for TAME has not yet been established. Tert-butanol (TBA) was detected in the groundwater sample collected in MW-4 at 20 ug/l. According to the new ESL standards released in November 2007, the ESL for TBA has been removed and it is assumed as not established.

The results of historical groundwater monitoring and laboratory analyses performed to date are summarized on the attached Table. Figure 4 presents the TPH-G, TPH-D, BTEX, and MTBE concentrations detected in each sampled well during this monitoring and sampling event. Figure 5 depicts a *Groundwater MTBE Concentration Map*, representing the residual extent of MTBE in the groundwater beneath the Site. Attachment B includes copies of the Laboratory Certificate of Analysis and the associated Chain-of-Custody Form.

RECOMMENDATIONS

Based on the results of the Fourth Quarter 2008 Groundwater Monitoring and Sampling Event, GGTR recommends continuing the groundwater monitoring and sampling program at the Site. That is, quarterly groundwater monitoring and sampling of wells MW-1, MW-2, MW-4, MW-5, and MW-6; and quarterly groundwater level monitoring and semi-annual sampling of MW-3.

Groundwater samples collected from monitoring wells MW-1 to MW-6 should continue to be analyzed for TPH-G by EPA Method 8260B, TPH-D by EPA Method 8015B, and VOC (BTEX & Fuel Oxygenates) by EPA Method 8260B. The First Quarter 2009 groundwater sampling activities are tentatively scheduled at the Site in March 2009.

REPORT DISTRIBUTION

A copy of this quarterly groundwater monitoring report is submitted to the following Site representatives:

Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577
Attn: Mr. Paresh Khatri **(***1Electronic Copy via ACGOV FTP)*
(*1Electronic Copy via GeoTracker)*

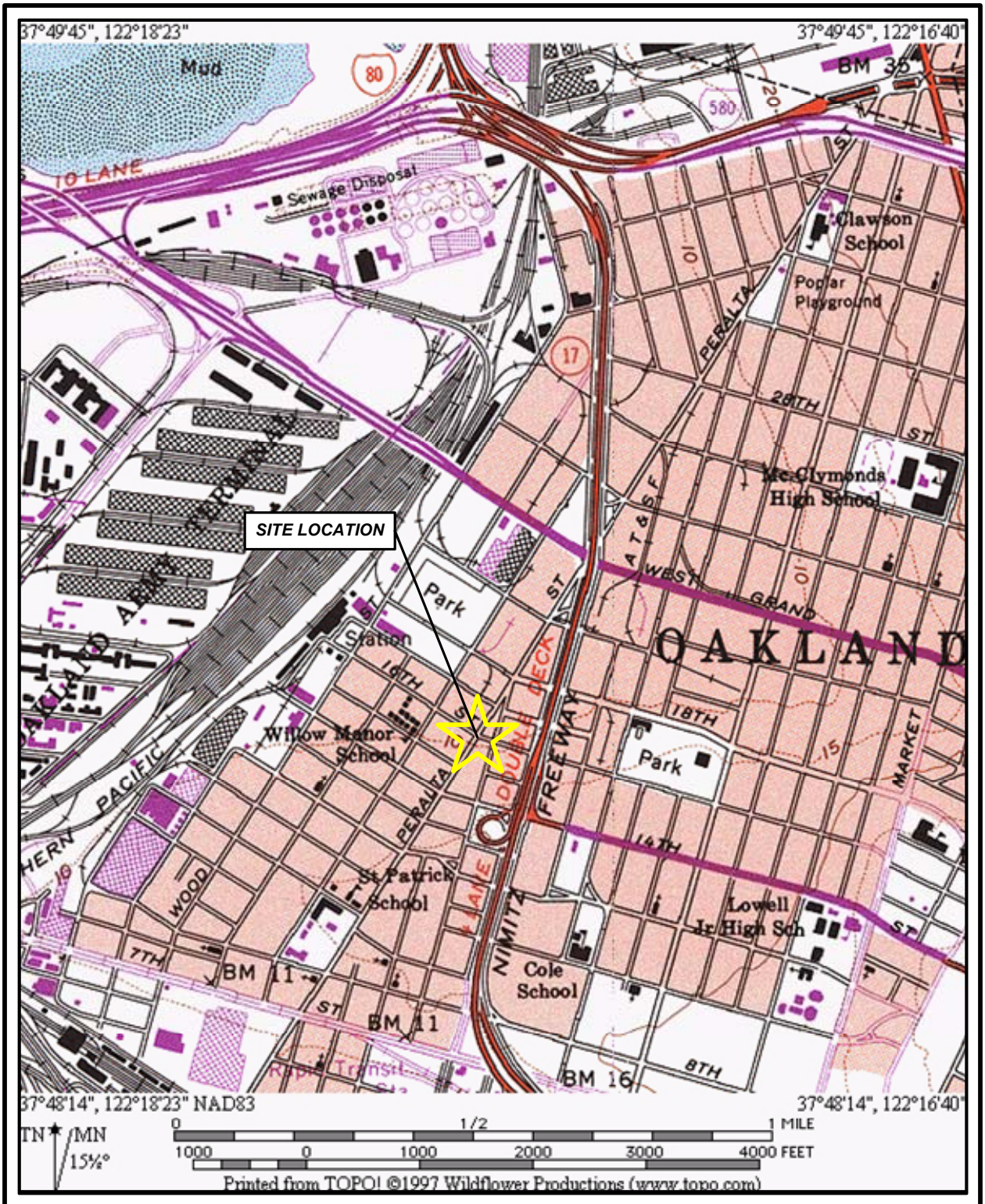
Mr. James Tracy
878 W. Hayden Court
Alpine, Utah 84004 (*1 Copy; Bound)*

LIMITATIONS

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

The scope of services conducted in execution of this phase of investigation may not be appropriate to satisfy the needs of other users and any use or reuse of this document and any of its information presented herein is at the sole risk of said user.

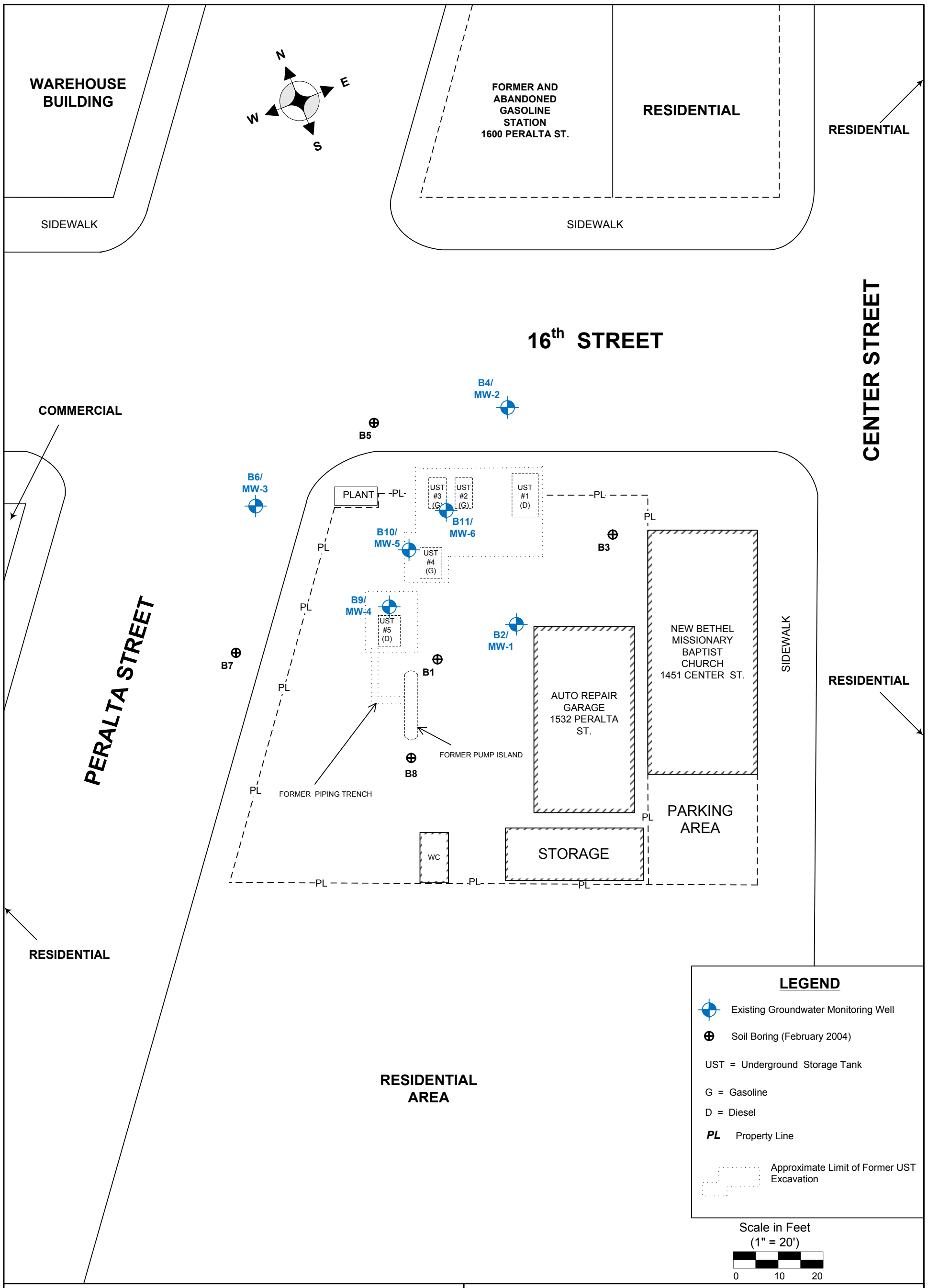
Golden Gate Tank Removal, Inc.



GOLDEN GATE TANK REMOVAL
3730 Mission Street, San Francisco, CA 94110
Ph (415) 512-1555 Fx (415) 512-0964

SITE LOCATION MAP
1532 Peralta Street
Oakland, CA 94607

GGTR Project No. 8757	Fn: 8757_4Q08GWM_Fig 1	Figure By: ed/04.08	**Figure 1**



GOLDEN GATE TANK REMOVAL, INC.
3730 Mission Street, San Francisco, CA 94110
Ph (415) 512-1555 Fx (415) 512-0964

SITE MAP
1532 Peralta Street
Oakland, CA 94607

GGTR Project No. 8757	*Fn: 8757_4Q08GWM_F2*	*Edited by: T.Ferrick (01/09)*	***Figure 2***

WAREHOUSE BUILDING

SIDEWALK

FORMER AND ABANDONED GASOLINE STATION 1600 PERALTA ST.

RESIDENTIAL

RESIDENTIAL

SIDEWALK

16th STREET

CENTER STREET

COMMERCIAL

PERALTA STREET

MW-2 (4.39)

B5

4.60

4.80

5.00

5.20

PLANT

UST #3 (G)

UST #2 (G)

UST #1 (D)

MW-3 (3.93)

MW-6 (4.65)

PL

MW-5 (4.98)

UST #4 (G)

N20W 0.025 ft/ft

B3

MW-4 (5.25)

UST #5 (D)

MW-1 (5.40)

B7

B1

NEW BETHEL MISSIONARY BAPTIST CHURCH 1451 CENTER ST.

SIDEWALK

RESIDENTIAL

CAR REPAIR GARAGE 1532 PERALTA ST.

B8

FORMER PIPING TRENCH

FORMER PUMP ISLAND

PARKING AREA

WC

STORAGE

RESIDENTIAL

RESIDENTIAL AREA

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

LEGEND

MW-1 (4.39)	Groundwater Monitoring Well & Elevation (ft, MSL, 12/11/08)
4.60	Groundwater Equipotential Contour Line (ft, MSL) Based on MW-1, MW-2 & MW-3 (12/11/08)
N20W 0.025 ft/ft	Approximate Groundwater Flow Direction and Hydraulic Gradient (12/11/08)
⊕	Soil Boring
ft, MSL	Feet Above Mean Sea Level
UST	Underground Storage Tank
G	Gasoline
D	Diesel
PL	Property Line
	Approximate Limit of Former UST Excavation

GOLDEN GATE TANK REMOVAL, INC.
3730 Mission Street, San Francisco, CA 94110
Ph (415) 512-1555 Fx (415) 512-0964

GROUNDWATER POTENTIOMETRIC MAP
1532 Peralta Street
Oakland, CA 94607

GGTR Project No. 8757	*Fn:8757_4Q08GWM_F3*	*Edited by: T.Ferrick (01/09)*	***Figure 3***

WAREHOUSE BUILDING

MW- 5

Analyte	Concentration (ug/L)
TPH-G	NA
TPH-D	NA
Benzene	NA
Toluene	NA
Ethylbenzene	NA
Xylenes	NA
MTBE	NA

FORMER AND ABANDONED GASOLINE STATION 1600 PERALTA ST.

RESIDENTIAL

N E S W

RESIDENTIAL

MW-2

Analyte	Concentration (ug/L)
TPH-G	ND<50
TPH-D	150*
Benzene	ND<0.5
Toluene	ND<0.5
Ethylbenzene	ND<0.5
Xylenes	ND<0.5
MTBE	0.52

* = Atypical pattern

MW- 3

Analyte	Concentration (ug/L)
TPH-G	ND<50
TPH-D	630*
Benzene	ND<0.5
Toluene	ND<0.5
Ethylbenzene	ND<0.5
Xylenes	ND<0.5
MTBE	3

* = Atypical pattern

SIDEWALK

CENTER STREET

16th STREET

COMMERCIAL

B5

PLANT

UST #3 (G)

UST #2 (G)

UST #1 (D)

PL

B3

UST #4 (G)

MW- 6

Analyte	Concentration (ug/L)
TPH-G	1,900*
TPH-D	7,300
Benzene	590
Toluene	14
Ethylbenzene	7.8
Xylenes	7.4
MTBE	540

* = Atypical pattern

MW- 4

Analyte	Concentration (ug/L)
TPH-G	830*
TPH-D	4,500
Benzene	ND<0.5
Toluene	ND<0.5
Ethylbenzene	ND<0.5
Xylenes	ND<0.5
MTBE	10

* = Atypical pattern

UST #5 (D)

B7

B1

PL

CAR REPAIR GARAGE 1532 PERALTA ST.

NEW BETHEL MISSIONARY BAPTIST CHURCH 1451 CENTER ST.

RESIDENTIAL

B8

FORMER PIPING TRENCH

FORMER PUMP ISLAND

PARKING AREA

SIDEWALK

WC

STORAGE

PROPERTY LINE

RESIDENTIAL

MW-1

Analyte	Concentration (ug/L)
TPH-G	180*
TPH-D	710*
Benzene	ND<0.5
Toluene	ND<0.5
Ethylbenzene	ND<0.5
Xylenes	ND<0.5
MTBE	25

* = Atypical pattern

PERALTA STREET

RESIDENTIAL AREA

Scale in Feet (1" = 20')

0 10 20

LEGEND

MW-1	Groundwater Monitoring Well Depicting Analytical Results (ug/l, 12/11/08)
ug/l	Micrograms per Liter
TPH-G	Total Petroleum Hydrocarbons as Gasoline
TPH-D	Total Petroleum Hydrocarbons as Diesel
MTBE	Methyl Tertiary-Butyl Ether
ND	Not Detected above the Laboratory reporting Limit
⊕	Soil Boring
UST	Underground Storage Tank
	Approximate Limit of Former UST Excavation
NA	Not Analyzed

GOLDEN GATE TANK REMOVAL, INC.
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GROUNDWATER ANALYTICAL DATA DIAGRAM
1532 Peralta Street
Oakland, CA 94607

GGTR Project No. 8757	*Fn: 8757_4Q08GWM_F4*	*Edited by: T.Ferrick (01/09)*	***Figure 4***

WAREHOUSE BUILDING

SIDEWALK

FORMER AND ABANDONED GASOLINE STATION 1600 PERALTA ST.

RESIDENTIAL

SIDEWALK

RESIDENTIAL

CENTER STREET

16th STREET

COMMERCIAL

PERALTA STREET

RESIDENTIAL

RESIDENTIAL AREA

MW-2 (0.52)

B5

MW- 3 (3.0)

PLANT

UST #3 (G)

UST #2 (G)

UST #1 (D)

MW- 6 (540)

PL

MW- 5 (NA)

UST #4 (G)

N20W 0.025 ft/ft

B3

MW- 4 (10)

UST #5 (D)

MW-1 (25)

B7

B1

NEW BETHEL MISSIONARY BAPTIST CHURCH 1451 CENTER ST.

SIDEWALK

CAR REPAIR GARAGE 1532 PERALTA ST.

FORMER PIPING TRENCH

B8

FORMER PUMP ISLAND

PARKING AREA

WC

STORAGE

LEGEND

MW-4 (540)	Groundwater Monitoring Well & MTBE Concentration in ug/l (12/11/08)
N20W 0.025 ft/ft	Approximate Groundwater Flow Direction and Hydraulic Gradient (12/11/08)
NA	Not Analyzed
⊕	Soil Boring
MTBE	Methyl Tertiary-Butyl Ether
G	Gasoline
D	Diesel
ug/l	Micrograms per liter
UST	Underground Storage Tank
PL	Property Line
	Approximate Limit of Former UST Excavation

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

GOLDEN GATE TANK REMOVAL, INC.
3730 Mission Street, San Francisco, CA 94110
Ph (415) 512-1555 Fx (415) 512-0964

GROUNDWATER MTBE CONCENTRATION MAP
1532 Peralta Street
Oakland, CA 94607

GGTR Project No. 8757	*Fn:8757_4Q08GWM_F5*	*Edited By: T.Ferrick (01/09)*	***Figure 5***

TABLE
HISTORICAL GROUNDWATER MONITORING & ANALYTICAL RESULTS
1532 Peralta Street, Oakland, CA

Well ID	Sample Date	TOC Elevation (ft MSL)	Depth to GW (ft BTOC)	GW Elevation (ft MSL)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	Other Fuel Oxygenates (ug/l)
MW-1	03/05/04	9.87	3.18	6.69	571	220	4.1	1.6	0.6	5.8	53.2	NA
	03/27/06		2.72	7.15	520	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	61	11(TBA)
	06/22/06		3.53	6.34	790	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	27	11(TBA)
	09/25/06		4.54	5.33	500	ND<50	2.4	ND<0.5	ND<0.5	ND<0.5	31	17(TBA)
	12/21/06		4.05	5.82	90	ND<46	1.6	ND<0.5	ND<0.5	ND<0.5	28	15(TBA)
	03/12/07		3.51	6.36	350	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	47	19(TBA)
	06/28/07		4.37	5.50	420	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	43	ND≤10
	09/25/07		5.23	4.64	190	ND<48	ND<0.5	ND<0.5	ND<0.5	ND<0.5	29	ND≤10
	12/17/07		4.92	4.95	130	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	28	ND≤10
	03/11/08		3.69	6.18	240	50 [1]	ND<0.5	ND<0.5	ND<0.5	ND<0.5	33	ND≤10
	06/12/08		4.60	5.27	350 [2]	870 [2]	ND<0.5	ND<0.5	ND<0.5	ND<0.5	21	1.3 (TAME)
	09/11/08		5.24	4.63	210 [2]	870	ND<0.5	ND<0.5	ND<0.5	ND<0.5	21	1.3 (TAME)
	12/11/08		**5.40**	**4.47**	**180 [2]**	**710 [2]**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**25**	**1.6(TAME)**
MW-2	03/05/04	8.66	2.73	5.93	109	ND<50	3.9	ND<0.5	ND<0.5	ND<1.0	6.9	NA
	03/27/06		2.11	6.55	30	ND<62	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2	ND
	06/22/06		2.73	5.93	ND<25	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND
	09/25/06		3.60	5.06	ND<25	ND<50	0.9	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND≤10
	12/21/06		3.16	5.50	ND<25	ND<46	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND≤10
	03/12/07		2.76	5.90	ND<25	ND<48	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND≤10
	06/28/07		3.46	5.20	ND<25	ND<50	ND<0.5	0.76	ND<0.5	ND<0.5	ND<1.0	ND≤10
	09/25/07		4.24	4.42	ND<25	ND<48	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND≤10
	12/17/07		3.92	4.74	ND<25	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND≤10
	03/11/08		2.90	5.76	ND<25	ND<48	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND≤10
	06/12/08		3.64	5.02	ND<50	140 [2]	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.68	ND≤10
	09/11/08		4.24	4.42	ND<50	52 [2]	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.59	ND≤10
	12/11/08		**4.39**	**4.27**	ND<50	**150 [2]**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**0.52**	ND≤10
CRWQCB ESL, November 2007					**100**	**100**	**1**	**40**	**30**	**20**	**5**	**TBA & TAME = NE**

Notes in following page:

TABLE (Continued)
HISTORICAL GROUNDWATER MONITORING & ANALYTICAL RESULTS
1532 Peralta Street, Oakland, CA

Well ID	Sample Date	TOC Elevation (ft MSL)	Depth to GW (ft BTOC)	GW Elevation (ft MSL)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	Other Fuel Oxygenates (ug/l)
MW-3	03/05/04	8.29	2.10	6.19	185	200	1	1	ND<0.5	1.3	2.5	NA
	03/27/06		1.74	6.55	ND<25	ND<72	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND
	06/22/06		2.38	5.91	ND<25	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND
	09/25/06		3.12	5.17	44	ND<50	1.4	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND≤10
	12/21/06		2.71	5.58	ND>25	ND<46	3.2	ND<0.5	ND<0.5	ND<0.5	1.2	ND≤10
	03/12/07		2.51	5.78	ND<25	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.0	ND≤10
	06/28/07		2.95	5.34	ND<25	ND<50	ND<0.5	0.64	ND<0.5	ND<0.5	1.8	ND≤10
	09/25/07		3.80	4.49	ND<25	ND<48	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3	ND≤10
	12/17/07		3.40	4.89	ND<25	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.1	ND≤10
	03/11/08		2.48	5.81	ND<25	ND<48	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4	ND≤10
	06/12/08		3.11	5.18	ND<50	470 [2]	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.1	ND≤10
	09/11/08		3.78	4.51	NA	NA	NA	NA	NA	NA	NA	NA
	12/11/08		**3.93**	**4.36**	ND<50	**630 [2]**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**3**	ND≤10
MW-4	03/05/04	9.74	2.85	6.89	1,110	370	3.2	3.9	1	3.3	8.5	NA
	03/27/06		2.64	7.10	2,000	ND<50	ND<1.0	1	ND<1.0	1.1	9.3	33 (TBA)
	06/22/06		3.43	6.31	430	NA	ND<1.0	1	ND<0.5	1.3	11	28 (TBA)
	09/25/06		4.38	5.36	700	ND<50	ND<1.0	ND<0.5	ND<0.5	ND<0.5	12	34 (TBA)
	12/21/06		4.09	5.65	1,300	ND<47	1.7	ND<1.0	ND<1.0	ND<1.0	9.8	33 (TBA)
	03/12/07		3.47	6.27	1,200	ND<50	1.2	ND<1.0	ND<1.0	ND<1.0	9.8	27 (TBA)
	06/28/07		4.20	5.54	900	570 [1]	ND<1.0	ND<1.0	ND<1.0	ND<1.0	14	28 (TBA)
	09/25/07		5.00	4.74	850	ND<48 [1]	ND<0.5	ND<0.5	ND<0.5	ND<0.5	11	45 (TBA)
	12/17/07		4.71	5.03	630	300 [1]	ND<0.5	ND<0.5	ND<0.5	ND<0.5	8.9	27 (TBA)
	03/11/08		3.39	6.35	940	490 [1]	3.3	ND<0.5	0.52	ND<0.5	8.3	13 (TBA)
	06/12/08		4.41	5.33	820 [2]	6,400	ND<0.5	ND<0.5	ND<0.5	ND<0.5	9.4	18 (TBA)
	09/11/08		5.08	4.66	1,000 [2]	5,500	ND<0.5	ND<0.5	ND<0.5	ND<0.5	12	20 (TBA)
	12/11/08		**5.25**	**4.49**	**830 [2]**	**4,500**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**10**	**20(TBA)**
CRWQCB ESL, November 2007					**100**	**100**	**1**	**40**	**30**	**20**	**5**	**TBA & TAME = NE**

Notes in following page:

TABLE (Continued)
HISTORICAL GROUNDWATER MONITORING & ANALYTICAL RESULTS
1532 Peralta Street, Oakland, CA

Well ID	Sample Date	TOC Elevation (ft MSL)	Depth to GW (ft BTOC)	GW Elevation (ft MSL)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	Other Fuel Oxygenates (ug/l)
MW-5	03/05/04	9.40	2.83	6.57	1,660	NA	650	7.6	1.6	7.1	2,250	NA
	03/27/06		2.41	6.99	1,600	ND<50	89	5.6	ND<5.0	8.7	1,200	170 (TBA)
	06/22/06		3.17	6.23	2000	NA	240	11	ND<10	ND<10	1,100	ND≤200
	09/25/06		4.14	5.26	2,200	ND<50	160	ND<10	ND<10	ND<10	1,200	ND≤200
	12/21/06		3.79	5.61	1,700	ND<47	120	ND<10	ND<10	ND<10	1,000	ND≤200
	03/12/07		3.22	6.18	1,300	ND<48	99	5.3	ND<5.0	ND<5.0	770	ND≤100
	06/28/07		4.96	4.44	1,900	470 [1]	230	11	ND<10	ND<10	1,400	ND≤200
	09/25/07		4.74	4.66	1,200	ND<48 [1]	90	ND<10	ND<10	ND<10	840	ND≤200
	12/17/07		4.50	4.90	2,000	540 [1]	170	ND<10	ND<10	11	920	ND≤200
	03/11/08		3.28	6.12	2,300	440 [1]	140	ND<10	ND<10	10	930	ND≤200
	06/12/08		4.12	5.28	ND<500	10,000	120	ND<5	ND<5	7.6	700	ND≤100
	09/11/08		4.77	4.63	ND<500	8,800	120	6.5	ND<5	8.5	730	ND≤100
	12/11/08		**4.98**	**4.42**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
MW-6	03/05/04	9.02	2.50	6.52	6,450	800	1,950	29.6	52.7	54.6	1,440	NA
	03/27/06		2.08	6.94	4,800	ND<50	820	14	12	22	1,100	180 (TBA)
	06/22/06		2.85	6.17	5,200	NA	630	12	14	13	1,100	ND≤200
	09/25/06		3.79	5.23	3,700	ND<50	430	ND<10	ND<10	ND<10	920	ND≤200
	12/21/06		3.41	5.61	8,400	ND<250	2,600	ND<25	32	ND<25	550	ND≤500
	03/12/07		2.82	6.20	7,400	ND<49	1,200	17	23	13	680	ND≤200
	06/28/07		3.59	5.43	3,600	1,300 [1]	240	8.6	ND<5.0	10	890	ND≤100
	09/25/07		4.40	4.62	2,200	ND<48 [1]	430	7.7	6.6	5.2	580	ND≤100
	12/17/07		4.21	4.81	2,400	950 [1]	440	9.0	6.5	8.6	450	ND≤100
	03/11/08		2.96	6.06	4,700	1,300 [1]	690	13.0	7.6	19	740	ND≤100
	06/12/08		3.82	5.20	1,800 [2]	9,500	290	6.4	3.7	11.7	820	55 (TBA), 1.1 (1,2-DCA)
	09/11/08		4.45	4.57	3,200 [2]	9,700	510	9.6	8.3	10	670	ND≤100
	12/11/08		**4.65**	**4.37**	**1900 [2]**	**7,300**	**590**	**14.0**	**7.8**	**7.4**	**540**	ND≤100
CRWQCB ESL, November 2007					**100**	**100**	**1**	**40**	**30**	**20**	**5**	**TBA = NE, 1,2-DCA = 0.5**

Notes in following page:

TABLE (continued)
HISTORICAL GROUNDWATER MONITORING & ANALYTICAL RESULTS
1532 Peralta Street, Oakland, CA

NOTES

TOC = Top of Casing

ft MSL = Feet Above Mean Sea Level

ft BTOC = Feet Below Top Of Casing

GW = Groundwater

TPH-G = Total Petroleum Hydrocarbons as Gasoline

TPH-D = Total Petroleum Hydrocarbons as Diesel

B, T, E, X = Benzene, Toluene, Ethylbenzene, and Total Xylenes

MTBE = Methyl Tertiary-Butyl Ether

ug/l = micrograms per Liter or parts per billion (ppb)

TBA = tert-Butanol

TAME = Methyl tert-Amyl Ether

1,2-DCA = 1,2-Dichloroethane

ND = Not Detected or less than the laboratory reporting limit

NA = Not analyzed

[1] = Atypical Diesel pattern. Higher boiling gasoline compounds in the Diesel range.

[2] = Sample exhibits chromatographic pattern which does not resemble standard.

NE = Not Established

CRWQCB ESL = California Regional Water Quality Control Board - Environmental Screening Levels

CRWQCB ESL = November 2007 Interim Final CRWQCB Tier 1 ESL where groundwater ***IS*** a current or potential source of drinking water.

ATTACHMENT A

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

Golden Gate Tank Removal, Inc.

FLUID-LEVEL MONITORING DATA

Project No: 8757 Date: 12/11/2008

Project/Site Location: 1532 PERALTA ST. OAKLAND - CA

Technician: TSF / ED Instrument: GROUND WATER DEPTH METER

	Boring/ Well	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Total Well Depth (feet)	Comments
3	MW-1	5.40	ND	ND	14.40	@ 9:50
1	MW-2	4.39	ND	ND	13.90	@ 7:47
2	MW-3	3.93	ND	ND	13.90	@ 7:50 WATER IN WELL ABOVE CASING
4	MW-4	5.25	ND	ND	11.00	@ 9:52
6	MW-5	4.98	ND	ND	5.20	@ 9:54
5	MW-6	4.65	ND	ND	14.30	@ 9:55

Measurements referenced to: ✓ TOC ____ Grade.

Golden Gate Tank Removal, Inc.

WELL PURGING/SAMPLING DATA

Project Number: 8757 Date: 12/11/08

Project / Site Location: 1532 PERALTA ST. OAKLAND - CA

Sampler/Technician: TSF / ED

Casing/Borehole Diameter (inches)	0.75/1.75	2/8	4/8	4/10	6/10	6/12
Casing/Borehole Volumes (gallons/foot)	0.02/0.13	0.2/0.9	0.7/1.2	0.7/1.6	1.5/2.2	1.5/3.1

Well No. MW-1

A. Total Well Depth	14.40	Ft.(toc)
B. Depth To Water	5.40	Ft.
C. Water Height (A-B)	9.00	Ft.
D. Well Casing Diameter	1	In.
E. Casing Volume Constant (from above table)	0.05	
F. Three (3) Casing or Borehole Volumes (CxEx3)	1.35	Gals.
G. 80% Recharge Level [B+(ExC)]	5.95	Ft.

Purge Event #1
Start Time: 11:00
Finish Time: 11:19
Purge Volume: 1 GAL

Recharge #1

Depth to Water:	12.2	9.21
Time Measured:	11:21	11:23

Purge Event #2
Start Time:
Finish Time:
Purge Volume:

Recharge #2
Depth to Water:
Time Measured:

Well Fluid Parameters: 0.45 0.22
(Casing or Borehole Volumes)

	0	1	1.5	2	2.5	3
Time	11:00	11:05	11:09	11:13	11:16	11:19
pH	6.76	6.93	6.97	6.97	7.02	7.05
T (°C)	15.6	17.7	17.6	17.5	17.5	17.5
Cond.	697	664	657	656	648	646
DO						
ORP						

Summary Data:
Total Gallons Purged: 1 GAL
Purge Rate (ml/min.): 300
Purge device: PERISTALTIC PUMP
Sampling Device: PERISTALTIC PUMP
Sample Collection Time: 11:25
Sample Appearance: ODOR / SMOKY COLOR

Well No. MW-2

A. Total Well Depth	13.90	Ft.(toc)
B. Depth To Water	4.30	Ft.
C. Water Height (A-B)	9.61	Ft.
D. Well Casing Diameter	1	In.
E. Casing Volume Constant (from above table)	0.05	
F. Three (3) Casing or Borehole Volumes (CxEx3)	1.43	Gals.
G. 80% Recharge Level [B+(ExC)]	4.87	Ft.

Purge Event #1
Start Time: 8:22
Finish Time: 9:05
Purge Volume: 1 GAL

Recharge #1

Depth to Water:	13.44	10.50
Time Measured:	9:07	9:12

Purge Event #2
Start Time:
Finish Time:
Purge Volume:

Recharge #2
Depth to Water:
Time Measured:

Well Fluid Parameters: 0.47 0.24
(Casing or Borehole Volumes)

	0	1	1.5	2	2.5	3
Time	8:22	8:43	8:48	8:53	8:59	9:04
pH	6.69	7.24	7.18	7.21	7.22	7.23
T (°C)	18.2	15.7	16.0	16.2	16.4	16.4
Cond.	553	541	546	556	558	563
DO						
ORP						

Summary Data:
Total Gallons Purged: 1 GAL
Purge Rate (ml/min.): 350
Purge device: PERISTALTIC PUMP
Sampling Device: PERISTALTIC PUMP
Sample Collection Time: 9:15
Sample Appearance: NO SHEEN / NO ODOR

Drums Remaining Onsite: 1 *Total Volume:* 10 *Gals. (Show Location on Site Plan)*

LITTLE SHEEN

Golden Gate Tank Removal, Inc.

WELL PURGING/SAMPLING DATA

Project Number: 8757 Date: 12/11/08

Project / Site Location: 1532 PERALTA ST
OAKLAND, CA

Sampler/Technician: TSF / ED

Casing/Borehole Diameter (inches)	0.75/1.75	2/8	4/8	4/10	6/10	6/12
Casing/Borehole Volumes (gallons/foot)	0.02/0.13	0.2/0.9	0.7/1.2	0.7/1.6	1.5/2.2	1.5/3.1

Well No. MW-3

A. Total Well Depth	13.90	Ft.(toc)
B. Depth To Water	3.93	Ft.
C. Water Height (A-B)	9.97	Ft.
D. Well Casing Diameter	1	In.
E. Casing Volume Constant (from above table)	0.05	
F. Three (3) Casing or Borehole Volumes (CxEx3)	1.5	Gals.
G. 80% Recharge Level [B+(ExC)]	4.45	Ft.

Purge Event #1
Start Time: 9:49
Finish Time: 10:27
Purge Volume: 0.6 GAL

Recharge #1
Depth to Water:
Time Measured:

Purge Event #2
Start Time:
Finish Time:
Purge Volume:

Recharge #2
Depth to Water:
Time Measured:

Well Fluid Parameters: 0.5 0.25
(Casing or Borehole Volumes)

	0	1	1.5	2	2.5	3
Time	9:46	9:58	10:06	10:18	10:21	10:27
pH	6.76	7.40	7.56	7.69	7.74	7.81
T (°C)	19.4	17.0	17.0	17.0	17.3	17.2
Cond.	600	623	621	624	620	610
DO						
ORP						

Summary Data:
Total Gallons Purged: 0.6 GAL
Purge Rate (ml/min.): 400
Purge device: PERISTALTIC PUMP
Sampling Device: PERISTALTIC PUMP
Sample Collection Time:
Sample Appearance:

Well No. MW-4

A. Total Well Depth	11.00	Ft.(toc)
B. Depth To Water	5.25	Ft.
C. Water Height (A-B)	5.75	Ft.
D. Well Casing Diameter	1	In.
E. Casing Volume Constant (from above table)	0.05	
F. Three (3) Casing or Borehole Volumes (CxEx3)	0.86	Gals.
G. 80% Recharge Level [B+(ExC)]	5.53	Ft.

Purge Event #1
Start Time: 11:50
Finish Time: 12:02
Purge Volume: 1.05 GAL

Recharge #1
Depth to Water: 5.31 | 5.40
Time Measured: 12:04 | 12:06

Purge Event #2
Start Time:
Finish Time:
Purge Volume:

Recharge #2
Depth to Water:
Time Measured:

Well Fluid Parameters: 0.28 0.14
(Casing or Borehole Volumes)

	0	1	1.5	2	2.5	3
Time	11:52	11:55	11:58	12:00	12:01	12:02
pH	7.00	6.97	6.97	6.99	7.00	7.01
T (°C)	17.1	18.1	18.2	18.3	18.3	18.2
Cond.	650	612	618	625	624	626
DO						
ORP						

Summary Data:
Total Gallons Purged: 1.05 GAL
Purge Rate (ml/min.): 400
Purge device: PERISTALTIC PUMP
Sampling Device: PERISTALTIC PUMP
Sample Collection Time: 12:10
Sample Appearance: STRONG ODOR

Drums Remaining Onsite: 1 *Total Volume:* 10 *Gals. (Show Location on Site Plan)*

Golden Gate Tank Removal, Inc.

WELL PURGING/SAMPLING DATA

Project Number: 8757 Date: 12/11/08

Project / Site Location: 1532 PERALTA ST
OAKLAND, CA

Sampler/Technician: TSF / ED

Casing/Borehole Diameter (inches)	0.75/1.75	2/8	4/8	4/10	6/10	6/12
Casing/Borehole Volumes (gallons/foot)	0.02/0.13	0.2/0.9	0.7/1.2	0.7/1.6	1.5/2.2	1.5/3.1

Well No. MW-5

A. Total Well Depth	5.20	Ft.(toc)
B. Depth To Water	4.98	Ft.
C. Water Height (A-B)	0.22	Ft.
D. Well Casing Diameter	1	In.
E. Casing Volume Constant (from above table)	0.05	
F. Three (3) Casing or Borehole Volumes (CxEx3)	0.03	Gals.
G. 80% Recharge Level [B+(ExC)]	4.99	Ft.

Purge Event #1
Start Time:
Finish Time:
Purge Volume:

Recharge #1
Depth to Water: 4.99
Time Measured: 1:05

Purge Event #2
Start Time:
Finish Time:
Purge Volume:

Recharge #2
Depth to Water:
Time Measured:

Well Fluid Parameters: 0.01 0.005
(Casing or Borehole Volumes)

	0	1	1.5	2	2.5	3
Time						
pH						
T (°C)						
Cond.						
DO						
ORP						

Summary Data:
Total Gallons Purged:
Purge Rate (ml/min.):
Purge device: PERISTALTIC PUMP
Sampling Device: PERISTALTIC PUMP
Sample Collection Time:
Sample Appearance:

Well No. MW-6

A. Total Well Depth	14.30	Ft.(toc)
B. Depth To Water	4.65	Ft.
C. Water Height (A-B)	9.65	Ft.
D. Well Casing Diameter	1	In.
E. Casing Volume Constant (from above table)	0.05	
F. Three (3) Casing or Borehole Volumes (CxEx3)	1.45	Gals.
G. 80% Recharge Level [B+(ExC)]	5.13	Ft.

Purge Event #1
Start Time: 12:53
Finish Time: 1:12
Purge Volume: 1.52 GAL

Recharge #1
Depth to Water: 5.45 | 5.01
Time Measured: 1:13 | 1:17

Purge Event #2
Start Time:
Finish Time:
Purge Volume:

Recharge #2
Depth to Water:
Time Measured:

Well Fluid Parameters: 0.48 0.24
(Casing or Borehole Volumes)

	0	1	1.5	2	2.5	3
Time	12:53	1:00	1:03	1:06	1:09	1:12
pH	7.16	7.07	6.99	6.98	6.97	7.01
T (°C)	18.8	19.0	19.1	19.1	19.0	19.1
Cond.	553	558	575	588	592	589
DO						
ORP						

Summary Data:
Total Gallons Purged: 1.52 GAL
Purge Rate (ml/min.): 300
Purge device: PERISTALTIC PUMP
Sampling Device: PERISTALTIC PUMP
Sample Collection Time: 1:18
Sample Appearance: SHEEN/ ODOR

Drums Remaining Onsite: 1 *Total Volume:* 10 *Gals. (Show Location on Site Plan)*

ATTACHMENT B

LABORATORY CERTIFICATES OF ANALYSIS
CHAIN OF CUSTODY RECORD
GEOTRACKER UPLOAD CONFIRMATION FORMS
SOLID AND LIQUID WASTE MANIFESTS


Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 208593
ANALYTICAL REPORT

Golden Gate Tank Removal	Project : 8757
3730 Mission Street	Location : 1532 Peralta St. Osagie Property
San Francisco, CA 94110	Level : II

Sample ID	Lab ID
MW-1	208593-001
MW-2	208593-002
MW-3	208593-003
MW-4	208593-004
MW-5	208593-005
MW-6	208593-006

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 12/23/2008
Project Manager

Signature: _____ Date: 12/24/2008
Senior Program Manager

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**208593**
Client:	**Golden Gate Tank Removal**
Project:	**8757**
Location:	**1532 Peralta St. Osagie Property**
Request Date:	**12/12/08**
Samples Received:	**12/12/08**

This data package contains sample and QC results for five water samples, requested for the above referenced project on 12/12/08. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
High surrogate recoveries were observed for bromofluorobenzene in a number of samples; no associated target analytes were detected in the sample. No other analytical problems were encountered.

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 208593

Sampler: T. FERRICK / E. DIAZ
Project No.: 8757
Report To: BRENT WHEELER
Project Name: 1532 PERALTA ST
Company: GGTR
Project P.O.: OSAGIE PROPERTY
Telephone: 415-512-1555
Turnaround Time: STANDARD
Fax: 415-512-0964

GLOBAL ID: T0600191668

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Water	Waste	# of Containers	Preservative: HCL	H_2SO_4	HNO_3	ICE	Analysis: TPH-Diesel 8015	8260 Fuel Oxygenates Only (Includes BTEX, MTBE, TPH-g)
1	MW-1	12/11/08		X		3V+1L+A	X			X	X	X
2	MW-2	12/11/08		X		3V+1L+A	X			X	X	X
3	MW-3	12/11/08		X		3V+1L+A	X			X	X	X
4	MW-4	12/11/08		X		3V+1L+A	X			X	X	X
5	MW-5	12/11/08		X		[redacted]	X			X	[redacted]	X
6	MW-6	12/11/08		X		3V+1L+A	X			X	X	X

Notes:
PROVIDE PDF AND EDF REPORTS

SAMPLE RECEIPT
Intact Cold
On Ice Ambient
Preservative Correct?
Yes No N/A

RELINQUISHED BY:
THOMAS FERRICK 12/11 2:45 DATE / TIME
DATE / TIME
DATE / TIME

RECEIVED BY:
12/12/08 1236 DATE / TIME
DATE / TIME
DATE / TIME

SIGNATURE

CURTIS & TOMPKINS, LTD. BERKELEY LOGIN CHANGE FORM

Reason for change: __X___ Client Request _____ Login Review By: Brent Wheeler _____Data Review Date/Time: 12/15/08 12:22 Initials: MRS
Client: **GGTR**

Current Lab ID	Client ID		Matrix	Add/Cancel	Analysis	Duedate
208593-005	MW-5		Water	Cancel	MSTVH	12/19/2008

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 208593 Date Received 12/12/08 Number of coolers 1
Client GGTR Project 1532 PERALTA ST OSAGE PROPERTY
Date Opened 12/12/08 By (print) Dhuong (sign)
Date Logged in 12/13/08 By (print) M. VILLANUEVA (sign)

1. Did cooler come with a shipping slip (airbill, etc) YES (NO)
   Shipping info
2A. Were custody seals present? ... ☐ YES (circle) on cooler on samples ☑ NO
   How many Name Date
2B. Were custody seals intact upon arrival? YES NO (N/A)
3. Were custody papers dry and intact when received? (YES) NO
4. Were custody papers filled out properly (ink, signed, etc)? (YES) NO
5. Is the project identifiable from custody papers? (If so fill out top of form) (YES) NO
6. Indicate the packing in cooler: (if other, describe)

☐ Bubble Wrap ☐ Foam blocks ☑ Bags ☐ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation:

Type of ice used: ☑ Wet ☐ Blue/Gel ☐ None Temp(°C)

☑ Samples Received on ice & cold without a temperature blank

☐ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? YES (NO)
   If YES, what time were they transferred to freezer?
9. Did all bottles arrive unbroken/unopened? (YES) NO
10. Are samples in the appropriate containers for indicated tests? (YES) NO
11. Are sample labels present, in good condition and complete? (YES) NO
12. Do the sample labels agree with custody papers? (YES) NO
13. Was sufficient amount of sample sent for tests requested? (YES) NO
14. Are the samples appropriately preserved? (YES) NO N/A
15. Are bubbles > 6mm absent in VOA samples? YES (NO) N/A
16. Was the client contacted concerning this sample delivery? YES NO
   If YES, Who was called? By Date:

COMMENTS

MW-5 has 1 VOA w/ BUBBLE

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	208593	Location:	1532 Peralta St. Osagie Property
Client:	Golden Gate Tank Removal	Prep:	EPA 3520C
Project#:	8757	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	12/11/08
Units:	ug/L	Received:	12/12/08
Diln Fac:	1.000	Prepared:	12/17/08

Field ID: MW-1 Batch#: 146154
Type: SAMPLE Analyzed: 12/19/08
Lab ID: 208593-001

Analyte	Result	RL
Diesel C10-C24	710 Y	50

Surrogate	%REC	Limits
Hexacosane	93	58-127

Field ID: MW-2 Batch#: 146154
Type: SAMPLE Analyzed: 12/19/08
Lab ID: 208593-002

Analyte	Result	RL
Diesel C10-C24	150 Y	50

Surrogate	%REC	Limits
Hexacosane	99	58-127

Field ID: MW-3 Batch#: 146154
Type: SAMPLE Analyzed: 12/19/08
Lab ID: 208593-003

Analyte	Result	RL
Diesel C10-C24	630 Y	50

Surrogate	%REC	Limits
Hexacosane	118	58-127

Field ID: MW-4 Batch#: 146154
Type: SAMPLE Analyzed: 12/19/08
Lab ID: 208593-004

Analyte	Result	RL
Diesel C10-C24	4,500	50

Surrogate	%REC	Limits
Hexacosane	91	58-127

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	208593	Location:	1532 Peralta St. Osagie Property
Client:	Golden Gate Tank Removal	Prep:	EPA 3520C
Project#:	8757	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	12/11/08
Units:	ug/L	Received:	12/12/08
Diln Fac:	1.000	Prepared:	12/17/08

Field ID:	MW-6	Batch#:	146148
Type:	SAMPLE	Analyzed:	12/22/08
Lab ID:	208593-006		

Analyte	Result	RL
Diesel C10-C24	7,300	50

Surrogate	%REC	Limits
Hexacosane	92	58-127

Type:	BLANK	Batch#:	146148
Lab ID:	QC476065	Analyzed:	12/22/08

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	101	58-127

Type:	BLANK	Batch#:	146154
Lab ID:	QC476094	Analyzed:	12/18/08

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	115	58-127

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	208593	Location:	1532 Peralta St. Osagie Property
Client:	Golden Gate Tank Removal	Prep:	EPA 3520C
Project#:	8757	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	146148
Units:	ug/L	Prepared:	12/17/08
Diln Fac:	1.000	Analyzed:	12/22/08

Type: BS Lab ID: QC476066

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,159	86	52-120

Surrogate	%REC	Limits
Hexacosane	87	58-127

Type: BSD Lab ID: QC476067

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,661	106	52-120	21	30

Surrogate	%REC	Limits
Hexacosane	118	58-127

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	208593	Location:	1532 Peralta St. Osagie Property
Client:	Golden Gate Tank Removal	Prep:	EPA 3520C
Project#:	8757	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC476095	Batch#:	146154
Matrix:	Water	Prepared:	12/17/08
Units:	ug/L	Analyzed:	12/18/08

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,416	97	52-120

Surrogate	%REC	Limits
Hexacosane	107	58-127

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	208593	Location:	1532 Peralta St. Osagie Property
Client:	Golden Gate Tank Removal	Prep:	EPA 3520C
Project#:	8757	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	146154
MSS Lab ID:	208578-008	Sampled:	12/10/08
Matrix:	Water	Received:	12/12/08
Units:	ug/L	Prepared:	12/17/08
Diln Fac:	1.000	Analyzed:	12/18/08

Type: MS Lab ID: QC476096

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	<14.96	2,500	2,450	98	43-121

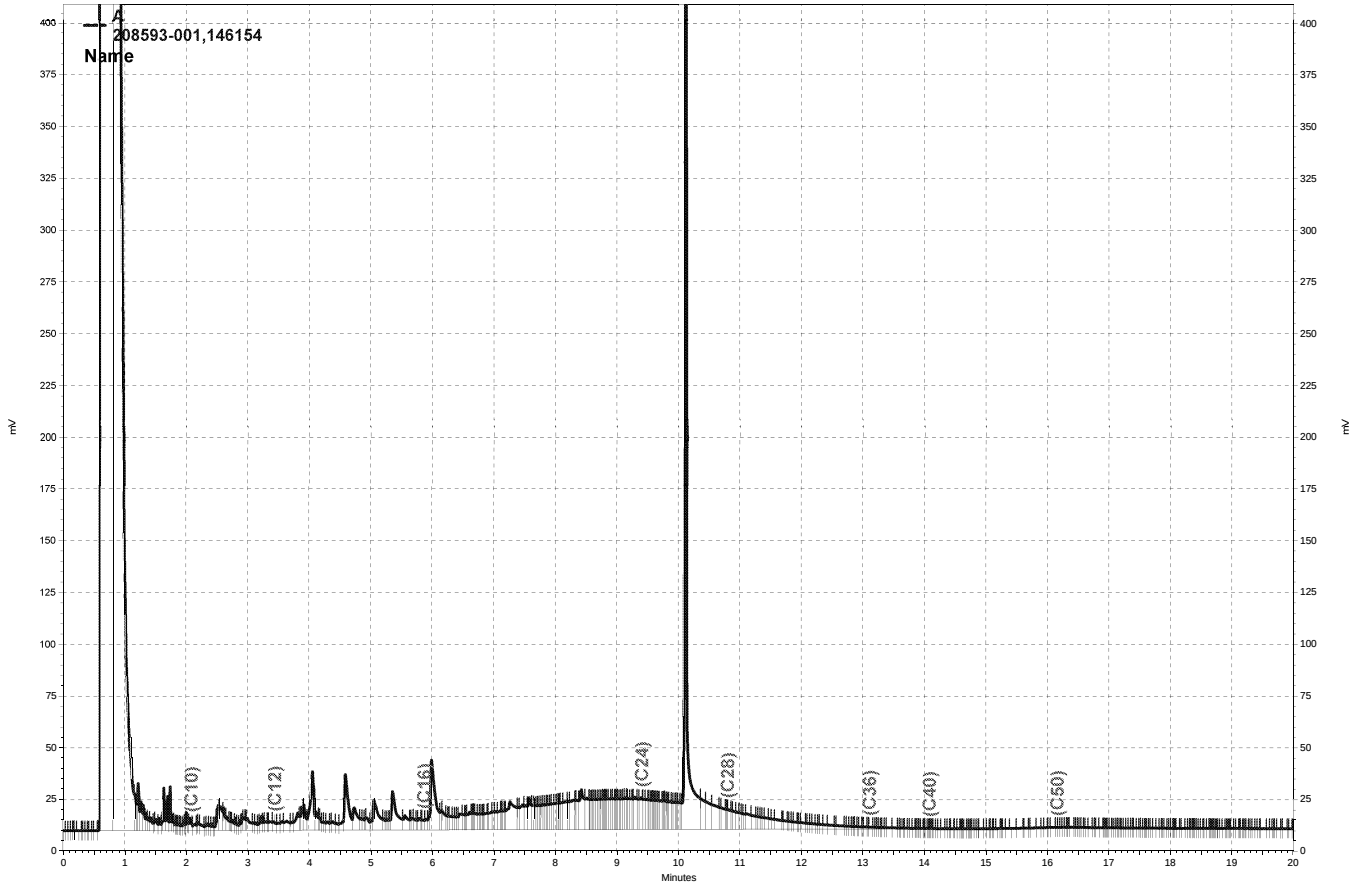
Surrogate	%REC	Limits
Hexacosane	124	58-127

Type: MSD Lab ID: QC476097

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,354	94	43-121	4	36

Surrogate	%REC	Limits
Hexacosane	106	58-127

RPD= Relative Percent Difference



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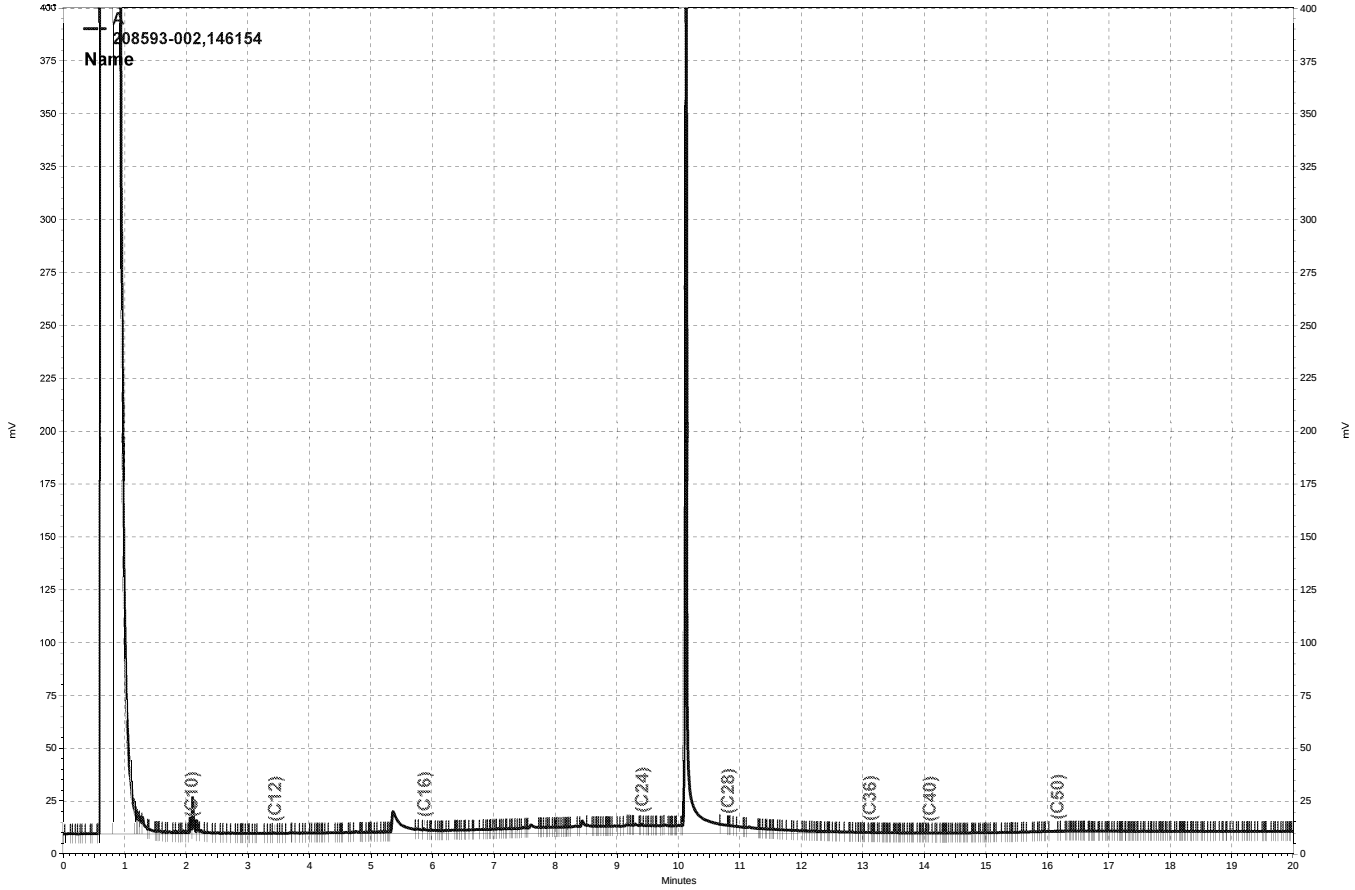

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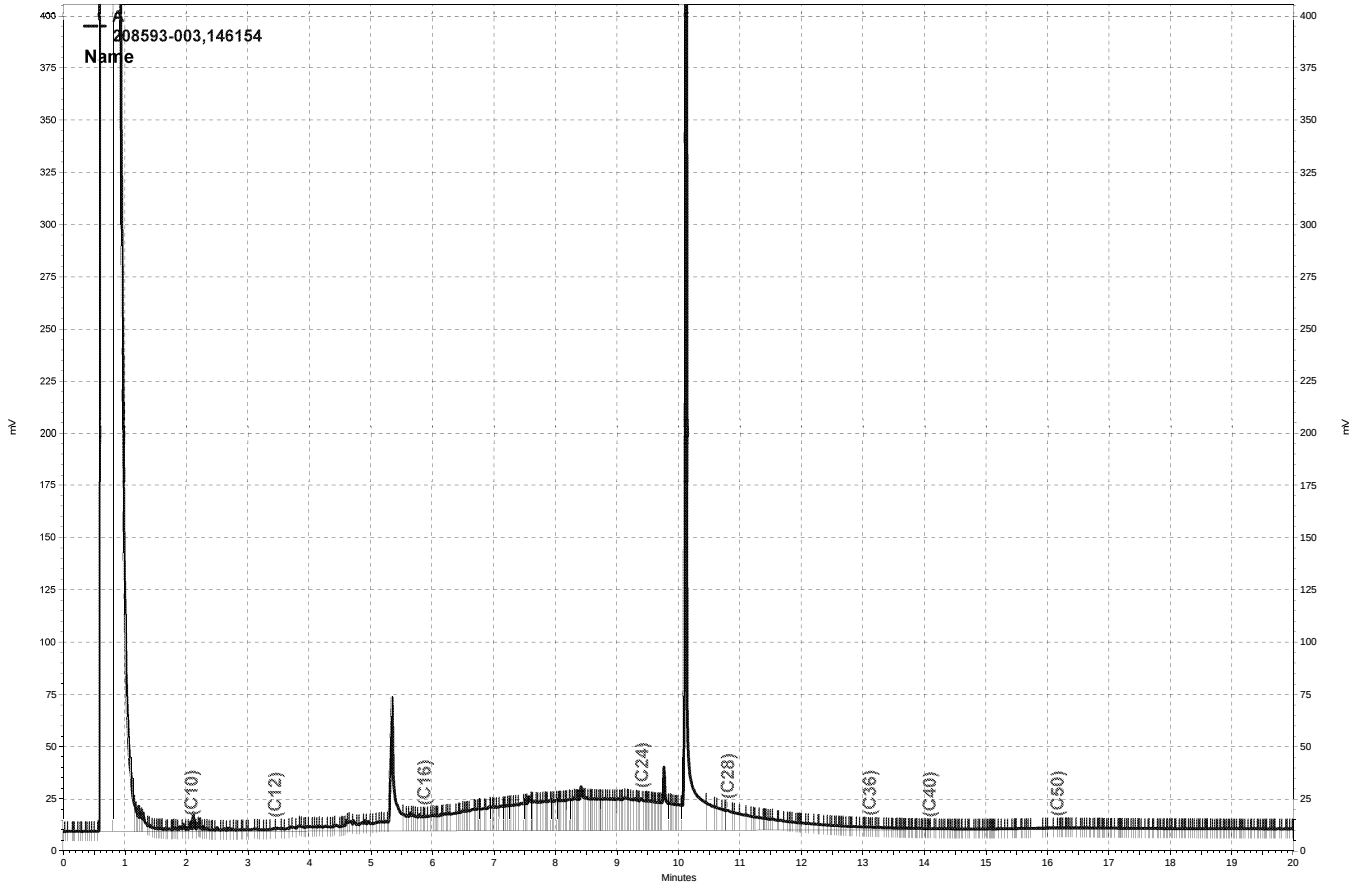

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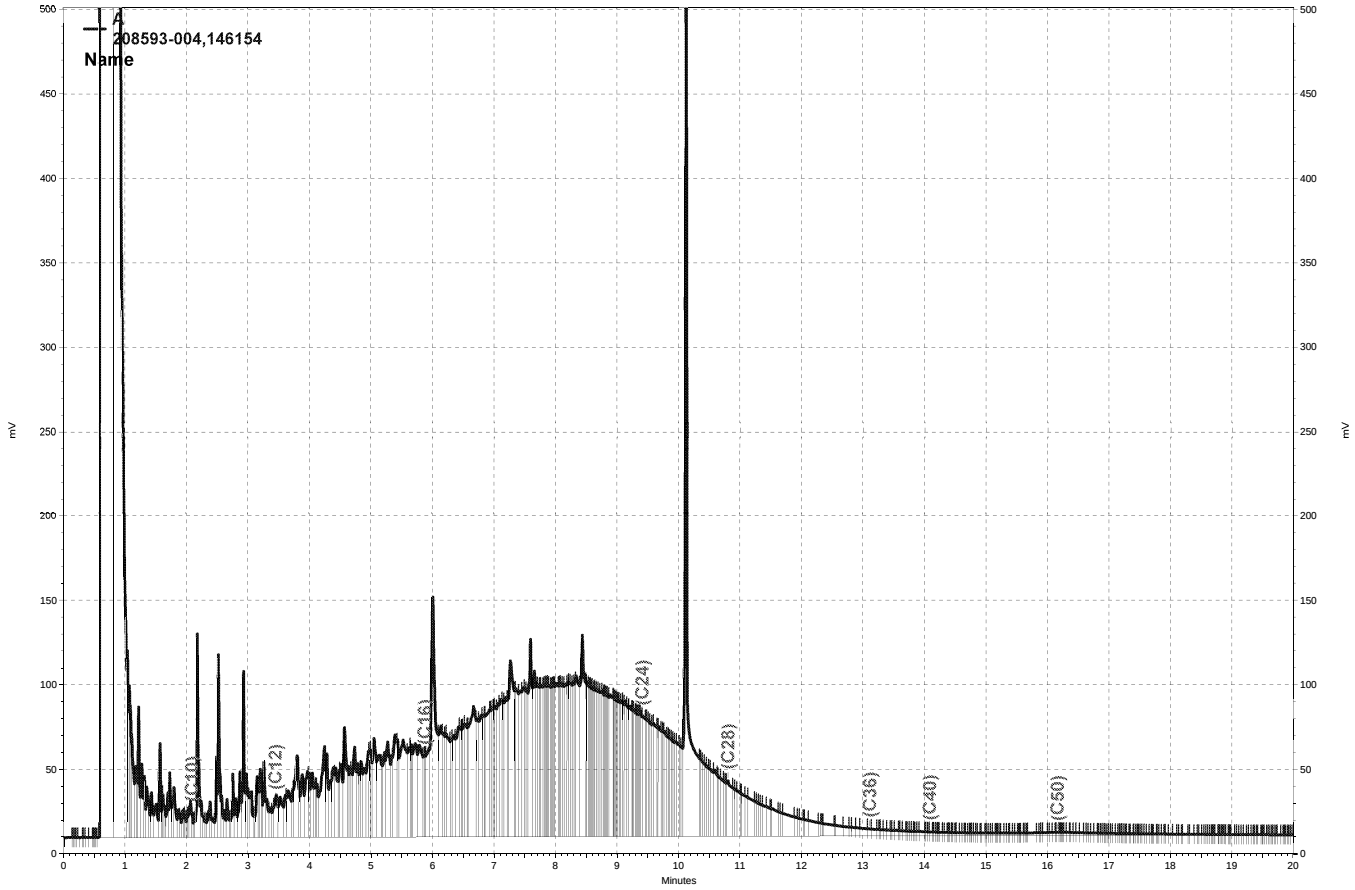

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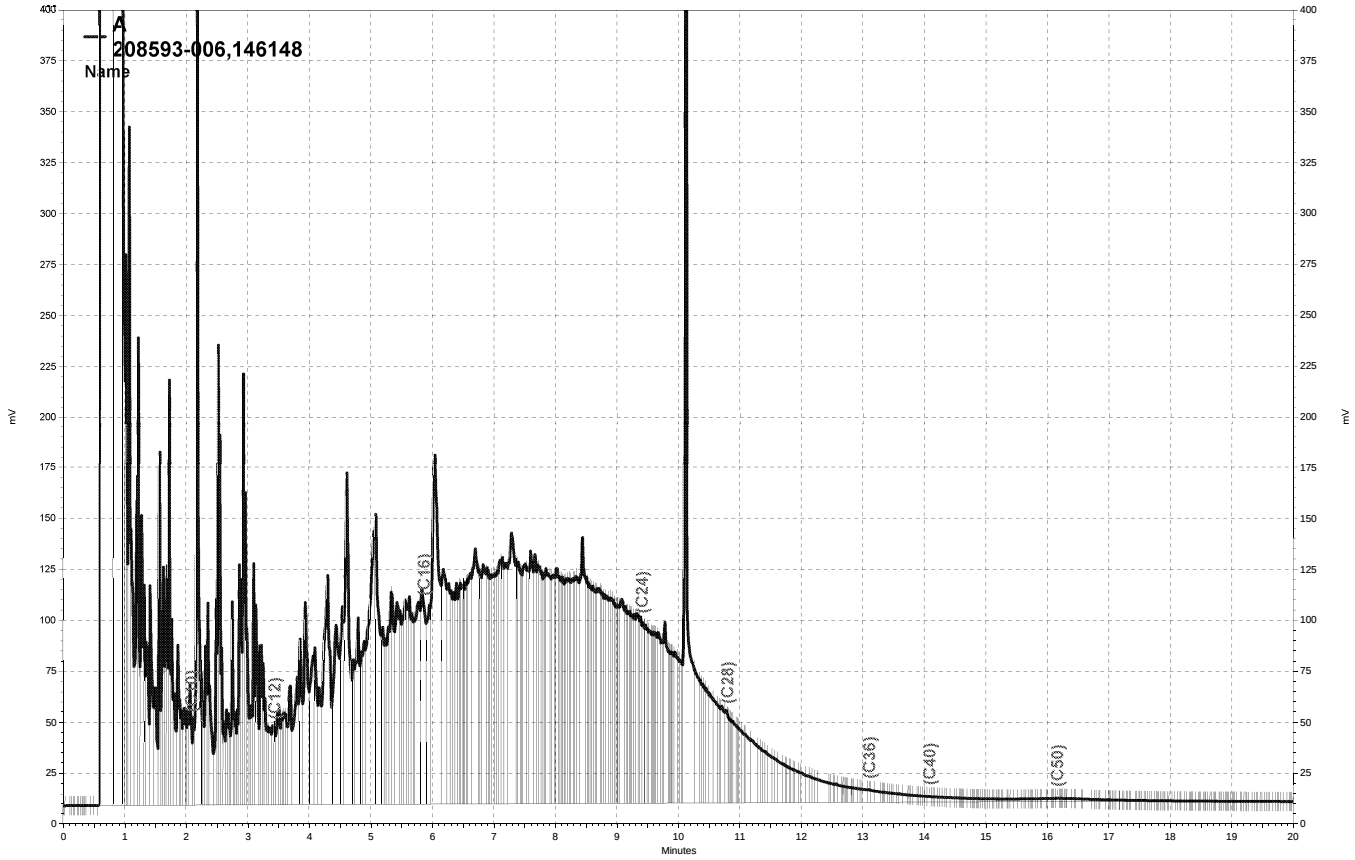

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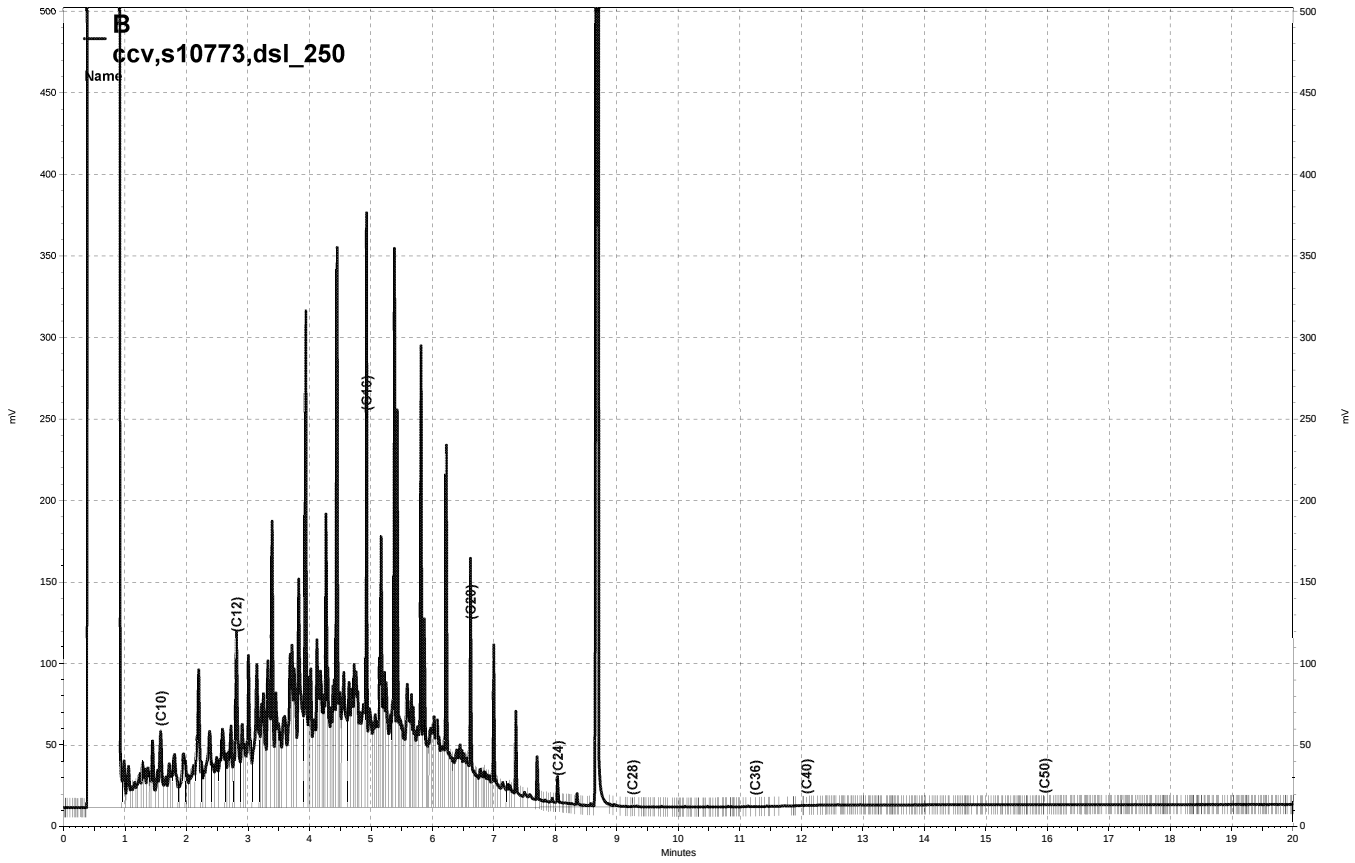

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Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	208593	Location:	1532 Peralta St. Osagie Property
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	8757	Analysis:	EPA 8260B
Field ID:	MW-1	Batch#:	146136
Lab ID:	208593-001	Sampled:	12/11/08
Matrix:	Water	Received:	12/12/08
Units:	ug/L	Analyzed:	12/17/08
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	180 Y	50
tert-Butyl Alcohol (TBA)	ND	10
Isopropyl Ether (DIPE)	ND	0.50
Ethyl tert-Butyl Ether (ETBE)	ND	0.50
Methyl tert-Amyl Ether (TAME)	1.6	0.50
MTBE	25	0.50
1,2-Dichloroethane	ND	0.50
Benzene	ND	0.50
Toluene	ND	0.50
1,2-Dibromoethane	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Dibromofluoromethane	92	80-125
1,2-Dichloroethane-d4	91	80-137
Toluene-d8	101	80-120
Bromofluorobenzene	123 *	80-122

*= Value outside of QC limits; see narrative
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	208593	Location:	1532 Peralta St. Osagie Property
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	8757	Analysis:	EPA 8260B
Field ID:	MW-2	Batch#:	146136
Lab ID:	208593-002	Sampled:	12/11/08
Matrix:	Water	Received:	12/12/08
Units:	ug/L	Analyzed:	12/17/08
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50
tert-Butyl Alcohol (TBA)	ND	10
Isopropyl Ether (DIPE)	ND	0.50
Ethyl tert-Butyl Ether (ETBE)	ND	0.50
Methyl tert-Amyl Ether (TAME)	ND	0.50
MTBE	0.52	0.50
1,2-Dichloroethane	ND	0.50
Benzene	ND	0.50
Toluene	ND	0.50
1,2-Dibromoethane	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Dibromofluoromethane	93	80-125
1,2-Dichloroethane-d4	94	80-137
Toluene-d8	100	80-120
Bromofluorobenzene	126 *	80-122

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	208593	Location:	1532 Peralta St. Osagie Property
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	8757	Analysis:	EPA 8260B
Field ID:	MW-3	Batch#:	146136
Lab ID:	208593-003	Sampled:	12/11/08
Matrix:	Water	Received:	12/12/08
Units:	ug/L	Analyzed:	12/17/08
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50
tert-Butyl Alcohol (TBA)	ND	10
Isopropyl Ether (DIPE)	ND	0.50
Ethyl tert-Butyl Ether (ETBE)	ND	0.50
Methyl tert-Amyl Ether (TAME)	ND	0.50
MTBE	3.0	0.50
1,2-Dichloroethane	ND	0.50
Benzene	ND	0.50
Toluene	ND	0.50
1,2-Dibromoethane	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Dibromofluoromethane	93	80-125
1,2-Dichloroethane-d4	94	80-137
Toluene-d8	101	80-120
Bromofluorobenzene	130 *	80-122

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	208593	Location:	1532 Peralta St. Osagie Property
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	8757	Analysis:	EPA 8260B
Field ID:	MW-4	Batch#:	146136
Lab ID:	208593-004	Sampled:	12/11/08
Matrix:	Water	Received:	12/12/08
Units:	ug/L	Analyzed:	12/17/08
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	830 Y	50
tert-Butyl Alcohol (TBA)	20	10
Isopropyl Ether (DIPE)	ND	0.50
Ethyl tert-Butyl Ether (ETBE)	ND	0.50
Methyl tert-Amyl Ether (TAME)	ND	0.50
MTBE	10	0.50
1,2-Dichloroethane	ND	0.50
Benzene	ND	0.50
Toluene	ND	0.50
1,2-Dibromoethane	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Dibromofluoromethane	94	80-125
1,2-Dichloroethane-d4	93	80-137
Toluene-d8	100	80-120
Bromofluorobenzene	111	80-122

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	208593	Location:	1532 Peralta St. Osagie Property
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	8757	Analysis:	EPA 8260B
Field ID:	MW-6	Batch#:	146136
Lab ID:	208593-006	Sampled:	12/11/08
Matrix:	Water	Received:	12/12/08
Units:	ug/L	Analyzed:	12/18/08
Diln Fac:	10.00		

Analyte	Result	RL
Gasoline C7-C12	1,900 Y	500
tert-Butyl Alcohol (TBA)	ND	100
Isopropyl Ether (DIPE)	ND	5.0
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Methyl tert-Amyl Ether (TAME)	ND	5.0
MTBE	540	5.0
1,2-Dichloroethane	ND	5.0
Benzene	590	5.0
Toluene	14	5.0
1,2-Dibromoethane	ND	5.0
Ethylbenzene	7.8	5.0
m,p-Xylenes	7.4	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	92	80-125
1,2-Dichloroethane-d4	88	80-137
Toluene-d8	100	80-120
Bromofluorobenzene	122	80-122

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	208593	Location:	1532 Peralta St. Osagie Property
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	8757	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC476024	Batch#:	146136
Matrix:	Water	Analyzed:	12/17/08
Units:	ug/L		

Analyte	Result	RL
Gasoline C7-C12	ND	50
tert-Butyl Alcohol (TBA)	ND	10
Isopropyl Ether (DIPE)	ND	0.50
Ethyl tert-Butyl Ether (ETBE)	ND	0.50
Methyl tert-Amyl Ether (TAME)	ND	0.50
MTBE	ND	0.50
1,2-Dichloroethane	ND	0.50
Benzene	ND	0.50
Toluene	ND	0.50
1,2-Dibromoethane	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Dibromofluoromethane	93	80-125
1,2-Dichloroethane-d4	92	80-137
Toluene-d8	102	80-120
Bromofluorobenzene	130 *	80-122

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	208593	Location:	1532 Peralta St. Osagie Property
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	8757	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	146136
Units:	ug/L	Analyzed:	12/17/08
Diln Fac:	1.000		

Type: BS Lab ID: QC476025

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	100.0	91.45	91	59-152
Isopropyl Ether (DIPE)	20.00	23.92	120	67-126
Ethyl tert-Butyl Ether (ETBE)	20.00	21.53	108	69-127
Methyl tert-Amyl Ether (TAME)	20.00	21.67	108	80-122
MTBE	20.00	18.11	91	70-125
1,2-Dichloroethane	20.00	18.55	93	78-132
Benzene	20.00	21.35	107	80-120
Toluene	20.00	19.13	96	80-120
1,2-Dibromoethane	20.00	18.60	93	80-120
Ethylbenzene	20.00	19.01	95	80-122
m,p-Xylenes	40.00	36.17	90	80-126
o-Xylene	20.00	17.87	89	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	94	80-125
1,2-Dichloroethane-d4	90	80-137
Toluene-d8	99	80-120
Bromofluorobenzene	115	80-122

Type: BSD Lab ID: QC476026

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	100.0	86.11	86	59-152	6	20
Isopropyl Ether (DIPE)	20.00	23.89	119	67-126	0	20
Ethyl tert-Butyl Ether (ETBE)	20.00	21.71	109	69-127	1	20
Methyl tert-Amyl Ether (TAME)	20.00	22.55	113	80-122	4	20
MTBE	20.00	18.24	91	70-125	1	20
1,2-Dichloroethane	20.00	18.18	91	78-132	2	20
Benzene	20.00	21.75	109	80-120	2	20
Toluene	20.00	19.93	100	80-120	4	20
1,2-Dibromoethane	20.00	19.74	99	80-120	6	20
Ethylbenzene	20.00	18.71	94	80-122	2	20
m,p-Xylenes	40.00	36.62	92	80-126	1	20
o-Xylene	20.00	18.16	91	80-120	2	20

Surrogate	%REC	Limits
Dibromofluoromethane	93	80-125
1,2-Dichloroethane-d4	91	80-137
Toluene-d8	101	80-120
Bromofluorobenzene	110	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	208593	Location:	1532 Peralta St. Osagie Property
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	8757	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	146136
Units:	ug/L	Analyzed:	12/17/08
Diln Fac:	1.000		

Type: BS Lab ID: QC476027

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	700.0	681.6	97	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	94	80-125
1,2-Dichloroethane-d4	93	80-137
Toluene-d8	101	80-120
Bromofluorobenzene	117	80-122

Type: BSD Lab ID: QC476028

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	700.0	659.4	94	80-120	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	93	80-125
1,2-Dichloroethane-d4	85	80-137
Toluene-d8	101	80-120
Bromofluorobenzene	120	80-122

RPD= Relative Percent Difference

Data File: \\Gcmsserver\DD\chem\MSVOA08.i\121708.b\HLH19TVH.D

Date : 17-DEC-2008 21:55

Client ID: DYNA P&T

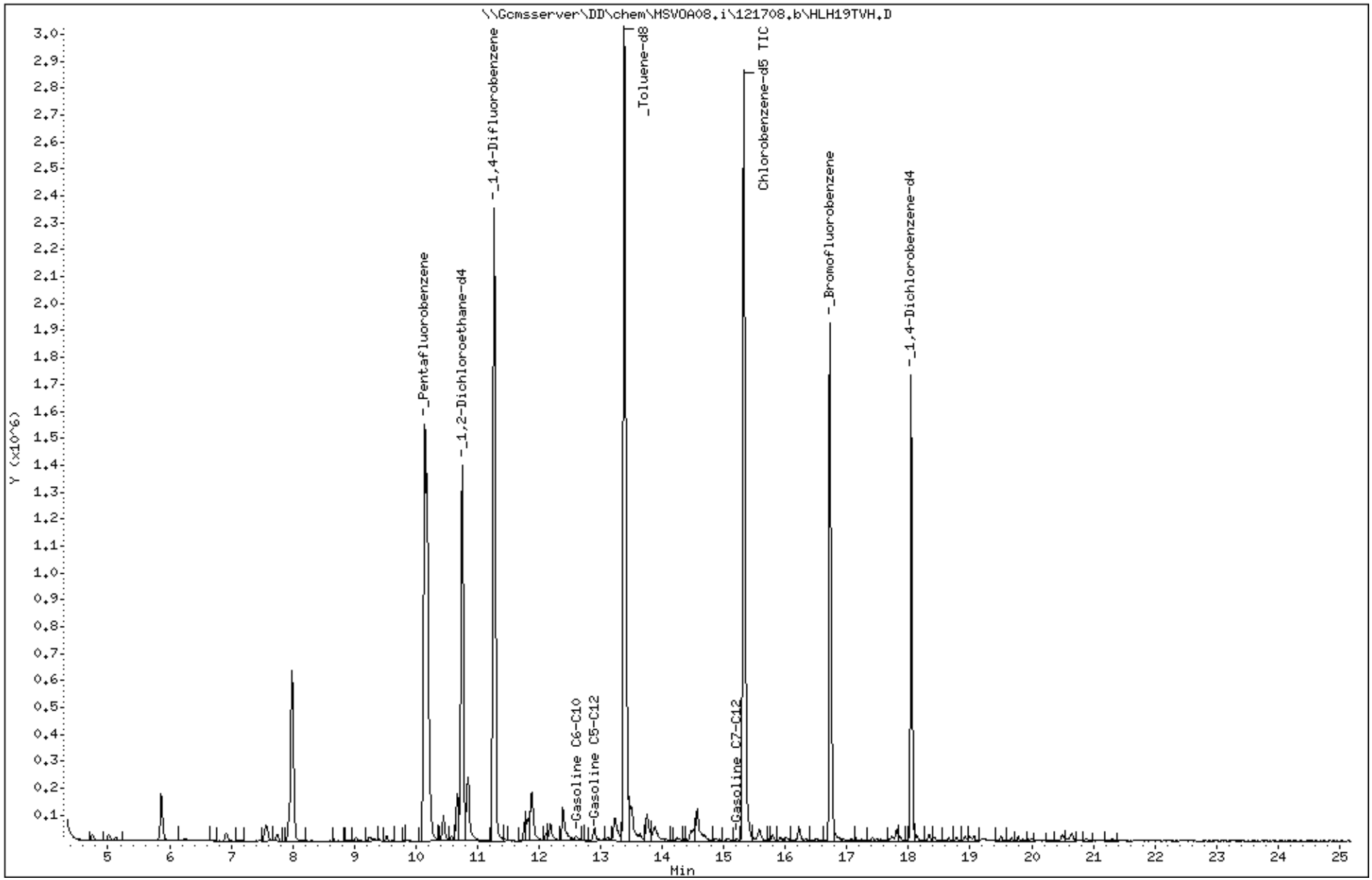
Instrument: MSVOA08.i

Sample Info: S,208593-001

Operator: voc

Column phase:

Column diameter: 2.00



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Date : 17-DEC-2008 23:41

Client ID: DYNA P&T

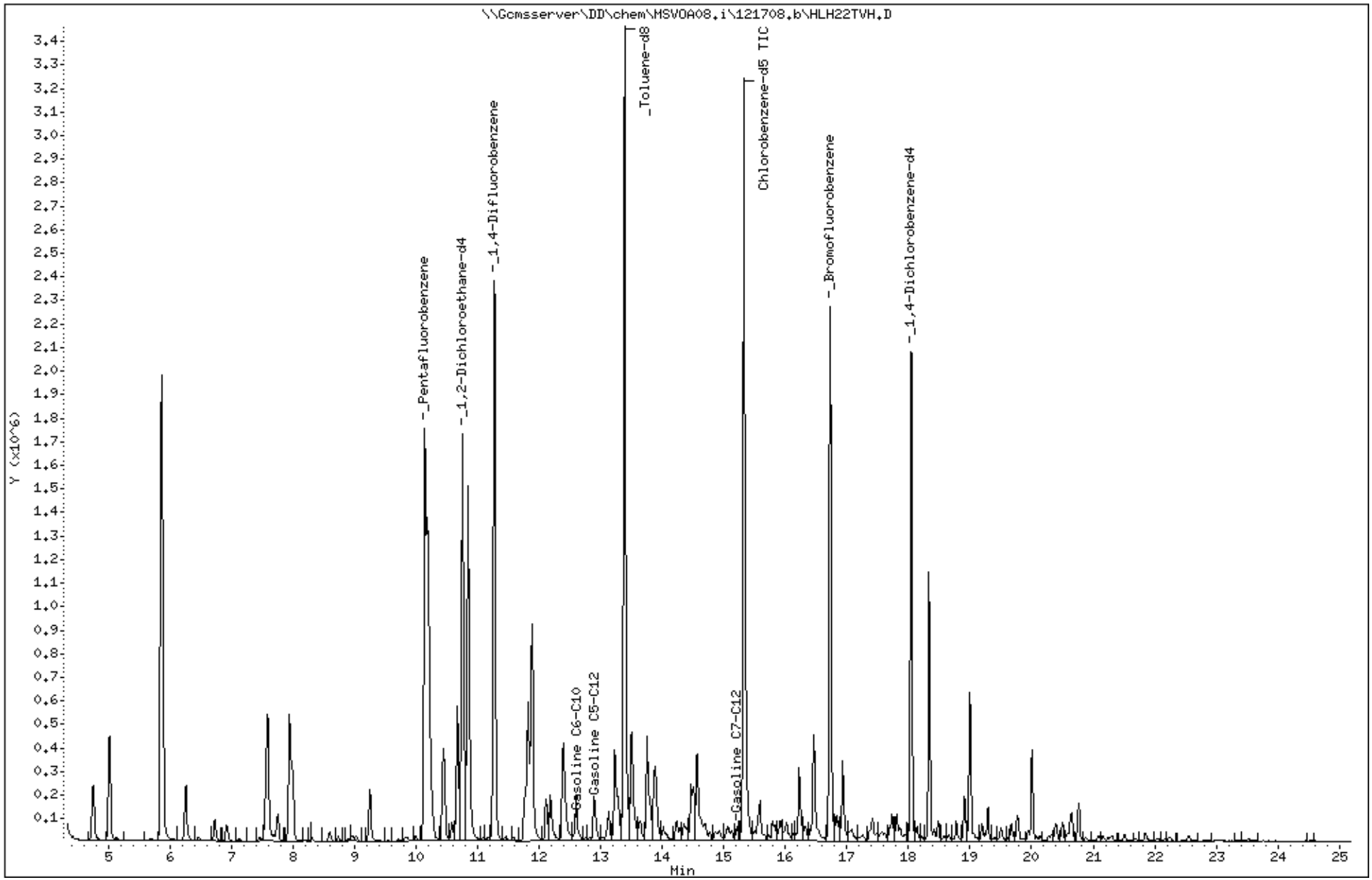
Instrument: MSVOA08.i

Sample Info: S,208593-004

Operator: voc

Column phase:

Column diameter: 2.00



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Client ID: DYNA P&T
Instrument: MSVOA08.i
Sample Info: S,208593-006
Purge Volume: 5.0
Operator: voc
Column phase: RTX 624
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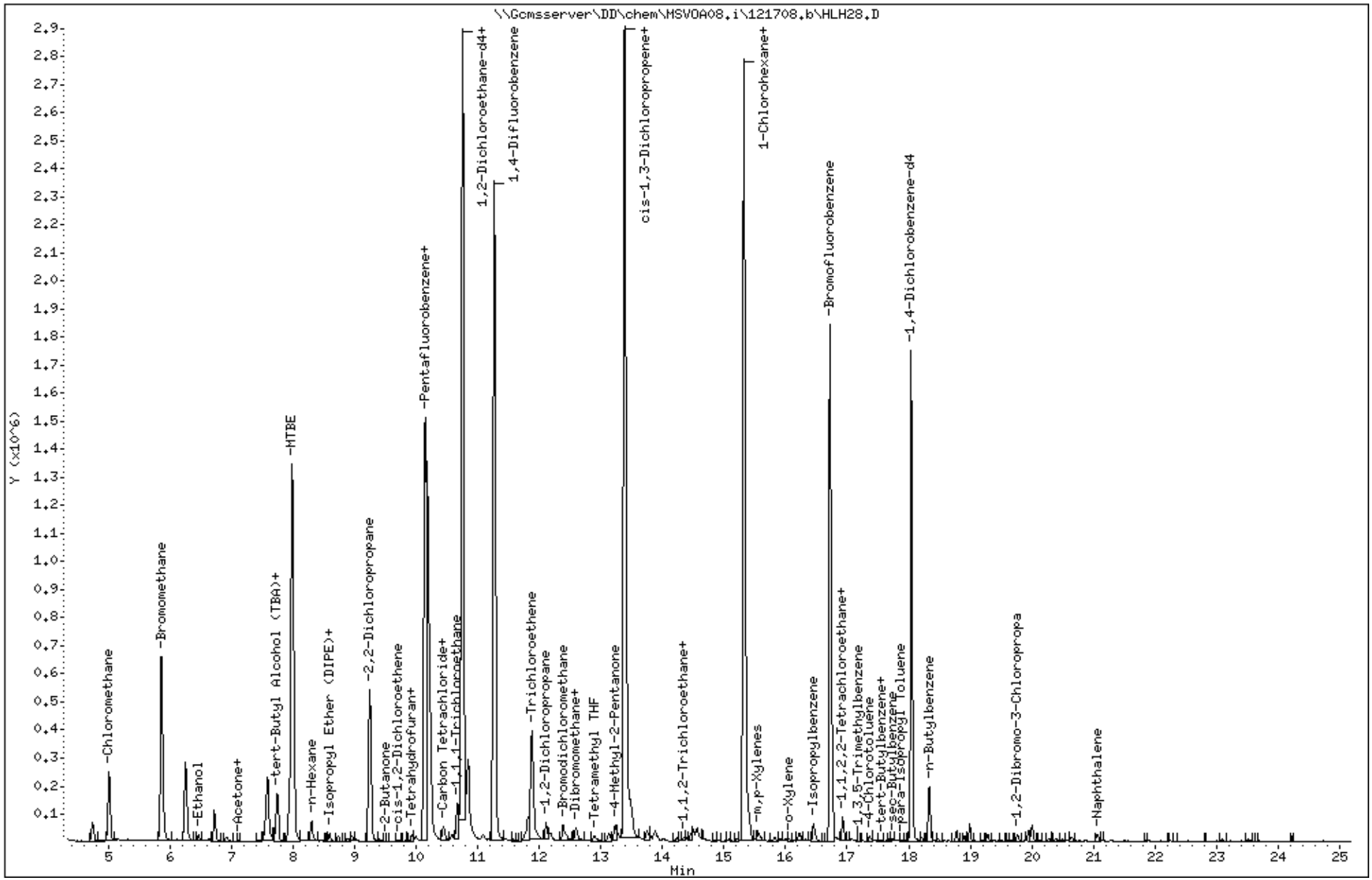

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Date : 17-DEC-2008 14:28

Client ID: DYNA P&T

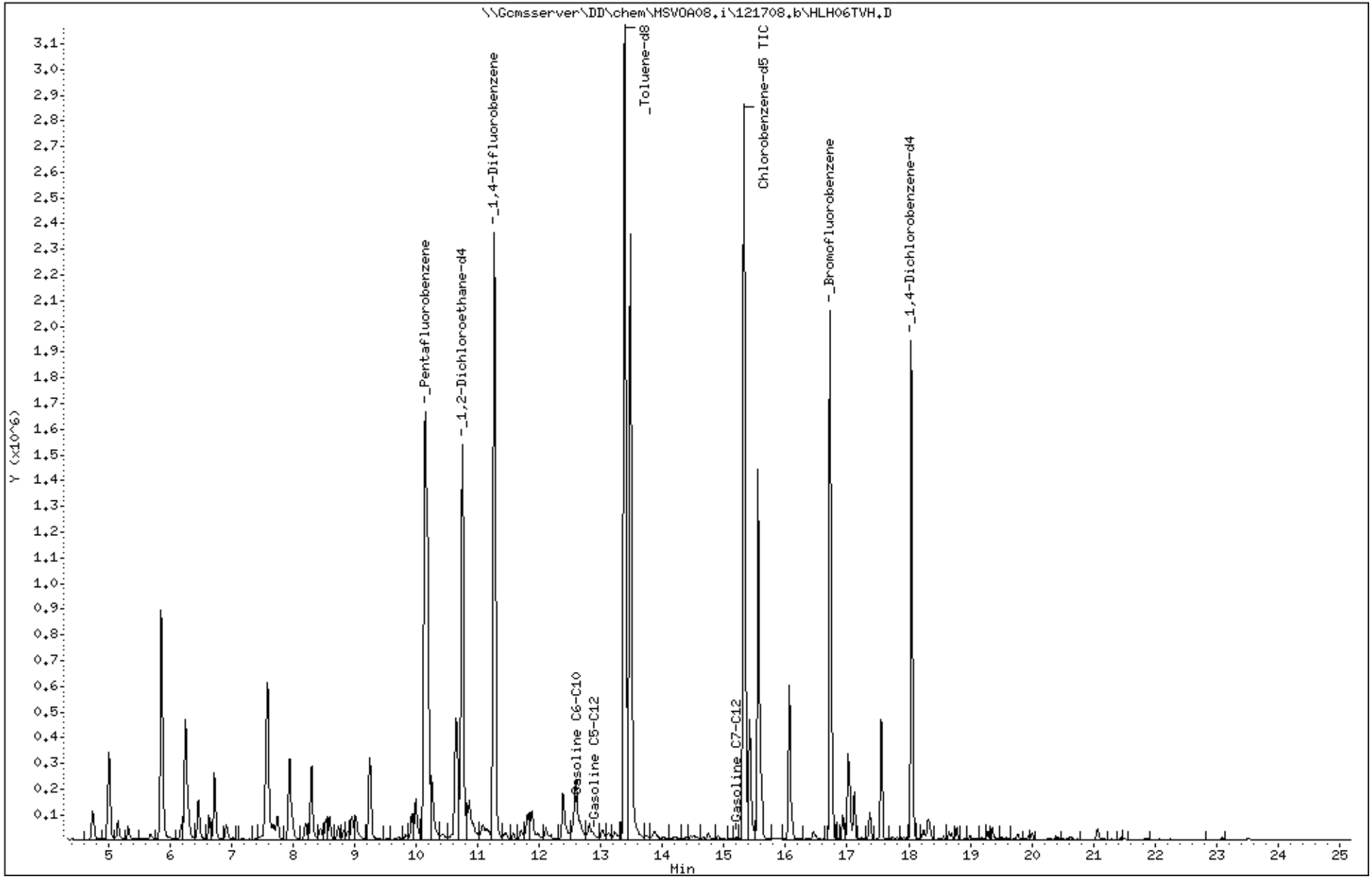
Instrument: MSVOA08.i

Sample Info: CCV/BS,QC476027,146136

Operator: voc

Column phase:

Column diameter: 2.00



STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

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

Submittal Type:	**EDF - Monitoring Report - Quarterly**
Submittal Title:	**4Q08 Ground Water Sample Analytical Results**
Facility Global ID:	**T0600191668**
Facility Name:	**OSAGIE PROPERTY**
File Name:	**4Q08 GWM EDF Report_208593.zip**
Organization Name:	**Golden Gate Tank Removal**
Username:	**GGTR**
IP Address:	**75.55.192.158**
Submittal Date/Time:	**1/7/2009 2:24:41 PM**
Confirmation Number:	**9018559336**

VIEW QC REPORT

VIEW DETECTIONS REPORT

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

SUCCESS

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

Submittal Type:	**GEO_WELL**
Submittal Title:	**4Q08 Ground Water Monitoring Data**
Facility Global ID:	**T0600191668**
Facility Name:	**OSAGIE PROPERTY**
File Name:	**GEO_WELL.zip**
Organization Name:	**Golden Gate Tank Removal**
Username:	**GGTR**
IP Address:	**75.55.192.158**
Submittal Date/Time:	**1/7/2009 2:23:13 PM**
Confirmation Number:	**3096398472**

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	2. Page 1 of 1	3. Document Number
		6326

GENERATOR

4. Generator's Name and Mailing Address
James Tracy
878 Hayden Ct
Alpine, UT 84004-2405
Generator's Phone 801-201-2000

Site:
1532 Peralta St
Oakland, CA 94607-2020

5. Transporter Company Name	6. US EPA ID Number	7. Transporter Phone
CLEARWATER ENVIRONMENTAL	CAR000007013	(510) 476-1740

8. Designated Facility Name and Site Address	9. US EPA ID Number	10. Facility's Phone
ALVISO INDEPENDENT OIL 5002 ARCHER STREET ALVISO, CA 95002	CAL000161743	(510) 476-1740

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Hazardous waste LIQUID	001	DM	45	G
b. NON-HAZ WASTE SOLID	001	DM	300	P

15. Special Handling Instructions and Additional Information
Wear PPE
Emergency Contact
(510) 476-1740
Attn: Kirk Hayward

Handling Codes for Wastes Listed Above	
11a.	11b.

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to state or federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
EUGENIO DIAZ		11	26	08

TRANSPORTER

17. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Gregory Thompson		11	26	08

FACILITY

18. Discrepancy Indication Space

19. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 18.

Printed/Typed Name	Signature	Month	Day	Year
Charles Seaton		12	01	08

WHITE – ORIGINAL (Return to Generator) YELLOW – TSDF (Retain Copy) PINK – TRANSPORTER COPY GOLDENROD – GENERATOR'S COPY