Octopber 20, 2008

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

RE: Third Quarter 2008 Groundwater Monitoring Report

SITE: Former Sheaff's Garage
5930 College Avenue, Oakland, California
ACHCSA Fuel Leak Case No. RO0000377
GGTR Project 7335

Dear Dr. Sheaff:

Golden Gate Tank Removal, Inc. (GGTR) is pleased to submit the enclosed copy of the *Third Quarter 2008 Groundwater Monitoring Report,* which discusses the activities and findings of the continued quarterly groundwater monitoring and sampling conducted on July 22, 2008 at 5930 College Avenue in Oakland, California. GGTR uploaded an electronic copy of the report to the State Water Resources Control Board's GeoTracker Database System. An electronic copy has been submitted to the attention of Ms. Barbara Jakub via the Alameda County Environmental Cleanup Oversight Program's FTP site.

Should you have any questions, please contact us at your earliest convenience. 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

QUARTERLY GROUNDWATER MONITORING REPORT

Sheaff's Garage
5930 College Avenue
Oakland, California

ACHCSA Fuel Leak Case No. RO0000377

Prepared For:

William G. Sheaff TTE Trust
Dr. Brian R. Sheaff, D.D.S.
1945 Parkside Drive
Concord, CA 94519

GGTR Project No. 7335
Sampling Date July 22, 2008
Report Date: October 20, 2008

Brent Wheeler
Project Manager

Eugenio Diaz
Project Geologist

PROFESSIONAL GEOLOGIST
EUGENIO DIAZ
No. 7696
STATE OF CALIFORNIA

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INTRODUCTION

This report presents the results and findings of the July 22, 2008 groundwater monitoring and sampling activities conducted by Golden Gate Tank Removal, Inc. (GGTR) at 5930 College Avenue in Oakland, California (the Site). The Alameda County Health Care Services Agency (ACHCSA) has designated the Site as Fuel Leak Case No. RO000377. Figure 1 shows the general location of the Site. Figure 2 depicts the Site, adjacent properties, and associated features. Figure 3 shows the groundwater flow direction and hydraulic gradient for this event. Figure 4 shows a summary of the groundwater sample analytical results for this event. Figures 5 and 6 depict the dissolved-phase gasoline and benzene isoconcentration map, respectively. Figure 7 depicts the historical groundwater flow direction and hydraulic gradient. Table 1 provides a tabulated summary of the laboratory results of historical groundwater sample analyses and fluid-level monitoring data at the Site. Table 2 provides a tabulated summary of sample analyses for Volatile Organic Compounds (VOCs).

Gettler-Ryan, Inc. (GR) of Dublin, California is currently conducting a separate groundwater investigation for the former Chevron Station #20-9339 located adjacent to the north side of the Site at 5940 College Avenue. Two groundwater monitoring wells (GR-MW1 & GR-MW2) are used to evaluate the hydrocarbon concentrations in groundwater at this site.

GGTR and GR have conducted joint monitoring and sampling activities at the associated sites on a quarterly basis since October 2000. Since the April 8, 2002 event, GR has monitored and sampled each well on a biannual basis. GR performed their most recent joint/biannual monitoring and sampling of GR-MW1 & GR-MW2 on October 15, 2008. Figures 2 and 3 show the location of each GR well relative to the Site.

SITE DESCRIPTION

The Site is located at 5930 College Avenue, along the east side of College Avenue between Harwood Street and Chabot Road in Oakland, California. The Site lies approximately 2.5 miles east of Interstate 80 and the San Francisco Bay. Figure 1 shows the general location of the Site.

Stoddard Automotive (Former Sheaff's Service Garage) currently occupies the Site, for the service and repair of automobiles. No active fuel storage or distribution system operations currently take place at the Site. The Site is approximately 5,500 square feet in area with about 75% utilized by a covered warehouse/garage and 25% used as an exterior (uncovered) storage yard. The ground surface of the entire Site is paved with concrete. The elevation of the Site is approximately 195 feet above Mean Sea Level (MSL, Figure 1). Figure 2 depicts pertinent Site structures and adjacent properties.

The Site is relatively flat lying with the topographic relief in the immediate vicinity of the Site generally directed toward the southwest (Figure 1). Regional topographic relief appears to be directed toward the west-southwest in the general direction of the San Francisco Bay. One 675-gallon gasoline Underground Storage Tank (UST) and one 340-gallon waste oil UST were located beneath the sidewalk at the southwest corner of the Site (Figure 2). The tanks were removed by GGTR in August 1996. A brief discussion of the tank removal activities is presented herein.

GROUNDWATER SETTING & CONDITIONS

The regional groundwater flow in the vicinity of the Site is estimated to be towards the west-southwest in the direction of the San Francisco Bay and generally following the natural topographic relief of the area. The Site is in the East Bay Plain Groundwater Basin according to the San Francisco Bay Basin Water Quality Control Plan prepared by the California Regional Water Quality Control Board – Region 2 (CRWQCB, 1995). Groundwater in this basin is designated beneficial for municipal and domestic water supply and industrial process, service water, and agricultural water supply. Although no domestic water supply wells are located in the Site vicinity, the shallow groundwater beneath the Site is considered a potential drinking water source by local regulatory agencies.

The nearest surface water body is Harwood Branch (aka Claremont Creek) that is the northernmost tributary of Temescal Creek / watershed. Harwood Branch flows via an intermittent underground culvert and an open surface channel in the vicinity of the Site. Flow from Harwood Branch is diverted into two conduits on both sides of the Site. To the west along College Avenue, storm flow is directed within the Alameda County Flood Control District 90" RCP underground conduit. Harwood Branch flows within an open channel to the east of the Site. To the south along Chabot Avenue, Harwood Branch flows within an underground box culvert. The two drainage systems apparently join at the intersection of College and Chabot Avenues. Flow lines in conduits at this intersection are listed on the map with elevations of about 180 feet.

As discussed in the document "*Report of Additional Site Characterization and Groundwater Monitoring. GGTR August 2006"*, historical groundwater flow directions and gradients have shown high variability at the Site with flow directions varying widely from eastward to westward. In general, the data suggests that groundwater flow direction varies from westerly towards the 90" conduit within College Avenue and south / easterly towards Harwood Branch. Groundwater elevations at the Site also show large seasonal variations. In well MW-1, the depth to groundwater has historically varied from 3.08 feet below Top of Casing (TOC) in wet weather conditions to 11.04 feet below TOC in dry weather conditions. Similarly, in well MW-2, the depth to groundwater has varied from 3.61 feet to 13.85 feet below TOC and in well MW-3 has varied from 3.41 feet to 10.02 feet below TOC. In well PW-1, the depth to groundwater has varied from 2.27 feet to 11.81 feet below TOC. The groundwater elevations at the Site have fluctuated from approximately 183.43 ft above MSL (MW-2; October 2002) to 194.4 ft above MSL (PW-

1; April 2006). The nearby drainage conduits appear to have flow lines below the elevation of the Site groundwater table. We surmise that groundwater flow at the Site is significantly influenced by the 90-inch RCP conduit / Harwood Branch drainage system as well as other subsurface utilities along College Avenue with inverts of 12 feet below grade.

PROJECT HISTORY

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

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

GGTR removed the residual fuel from the subsurface product piping (left in place), thoroughly flushed and drained the piping, and capped both ends. GGTR over-excavated the gasoline-contaminated soil surrounding the former UST location. The tank removal and over-excavation activities are documented in the document entitled "*Tank Removal Report*, *GGTR, October 11, 1996*".

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

In collaboration with GR, which is conducting a separate groundwater investigation adjacent to the Site (5940 College Avenue; Former Chevron Station), GGTR has jointly monitored and sampled each well on a quarterly or semi-annual basis since April 2001. GR has most recently conducted groundwater monitoring and sampling activities at their site on October 15, 2008. Figure 2 shows the locations of the Site monitoring wells as well as GR monitoring wells.

Based on the residual elevated concentrations of gasoline-range hydrocarbons measured in the groundwater samples collected during the April 2001 quarterly monitoring

activities, the ACHCSA, in a letter dated July 9, 2001, requested a work plan to assess whether any additional contaminant sources may potentially exist onsite that may be contributing to the elevated hydrocarbon concentration in groundwater. GGTR submitted the work plan on December 19, 2001, which was subsequently approved by the ACHCSA in a letter dated January 3, 2002. In August, October, and November 2002, GGTR implemented the UST product line excavation/removal activities and installed soil borings B7 to B11. Figure 2 depicts the locations of these borings, as well as the location of the former product line and associated sample points. Details are presented in the document entitled "*Report of Additional Soil and Groundwater Investigation. GGTR, June 10, 2003"*.

Based on review of GGTR's June 2003 report, the ACHCSA, in their letter dated September 8, 2003 requested a work plan addressing additional source and site characterization of contaminants in soil and groundwater at the Site. GGTR submitted the Work Plan for Additional Site Characterization on December 29, 2003, and it's Addendum on September 30, 2004, which were conditionally approved by the ACHCSA in letters dated June 3, 2004, and February 22, 2005. Between April and July 2005, GGTR advanced additional borings B12 to B24 to approximately 25 feet below grade surface (fbg) and Hydropunch borings HB-1 to HB-6 to approximately 15 fbg, and converted HB-2 to piezometer well PW-1. Figure 2 shows the location of each additional soil boring. Details of this investigation are presented in the document entitled "*Report of Additional Site Characterization and Groundwater Monitoring. GGTR, August 29, 2006"*.

Between October 2003 and April 2008, GGTR conducted additional quarterly groundwater monitoring and sampling activities at the Site and submitted their associated Groundwater Monitoring Reports to the ACHCSA. GGTR was not contracted to conduct the Third Quarter 2006 and the First Quarter 2008 groundwater monitoring events at the Site. The results of the July 2008 monitoring and sampling event are presented in the following sections.

Based on review of the conclusions and recommendations presented in the documents Report *of Additional Site Characterization, GGRT August 2006* and *Groundwater Monitoring Report, GGTR May 30, 2008*, the ACHCSA, on July 25, 2008, issued a letter requesting a work plan to implement the conditionally approved activities. The additional work activities are to include 1) vertical and horizontal delineation of dissolved contaminant plume(s), 2) resurveying the wellhead elevations of all existing Site wells and piezometer well, 3) further preferential pathway evaluation of the Harwood Creek conduit down gradient of the Site, 4) further characterization of the PCE-impacted groundwater in the vicinity of PW-1, and 5) updating the existing Site Conceptual Model with data acquired from the additional Site characterization activities.

GROUNDWATER MONITORING & SAMPLING – July 2008

The scope of work for the Third Quarter 2008 groundwater monitoring and sampling event includes the following:

- Monitoring, purging and sampling of monitoring wells MW-1, MW-2, MW-3 and PW-1
- Groundwater sample laboratory analysis
- Waste management
- Electronic Data Upload to GeoTracker Database System
- Data interpretation

Groundwater Monitoring and Sampling: On July 22, 2008, GGTR monitored and sampled MW-1 to MW-3 and PW-1. Prior to purging and sampling, GGTR removed the well cover and locking compression cap from each well and allowed the groundwater in each well column to stabilize for approximately 20 minutes. GGTR then measured and recorded the depth to product/groundwater using an electronic water/oil interface meter. Fluid levels were measured relative to the north side of the top of each well casing to the nearest 0.01 foot.

GGTR subsequently purged groundwater from monitoring wells MW-1 to MW-3 and piezometer PW-1 using a peristaltic pump (average flow rate @ 200 milliliters per minute), and simultaneously monitored and recorded the pH, temperature, and specific conductivity of the purged well water. GGTR terminated well purging after three successive readings of each parameter varied by less than 0.1, 10%, and 3%, respectively. GGTR transferred the purge water directly to a 55-gallon, D.O.T.-approved steel drum. After the groundwater in each well recharged to approximately 80% of its original level, GGTR collected a groundwater sample using a peristaltic pump with dedicated tubing. The sample was immediately removed from the well and the groundwater was carefully decanted from the end of the tubing into pre-cleaned, laboratory-provided sample containers. All volatile organic analysis (VOA) vials were inverted and checked to insure that no entrapped air was present. The samples were sealed with Teflon caps, properly labeled, and stored in a cooler chilled to approximately 4ºC. Appendix A includes copies of the Fluid-Level Monitoring Data Form and Well Purging/Sampling Data Sheets.

Water Sample Analytical Methods: GGTR submitted the groundwater samples under formal chain of custody command to Curtis & Tompkins Laboratories, which is a State-certified analytical laboratory (CA ELAP #01107), in Berkeley, California for laboratory analysis of the following fuel constituents:

- TPH as Gasoline (TPH-G) by EPA Method 8015B
- Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX) by EPA Method 8021B
- Methyl Tertiary-Butyl Ether (MTBE) by EPA Method 8021B

Curtis & Tompkins completed all volatile organic analyses within the 14-day required time limit for analysis. GGTR directed Curtis & Tompkins to submit all analytical data in electronic deliverable format in accordance with the State Water Resources Control Board's GeoTracker database system. Tables 1 and 2 present a summary of the analytical results for this event as well as previous monitoring events at the Site. Appendix B includes a copy of the Laboratory Certificate of Analysis and associated Chain of Custody Record.

Waste Management: The well purge and equipment wash and rinse water generated during the July 2008 monitoring event (@ 50 gallons) was transferred directly to a D.O.T.-approved, 55-gallon drum, appropriately labeled and sealed, and temporarily stored onsite in a secure area pending final disposal at a licensed facility.

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 Fluid-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. Appendix B includes a copy of each associated GeoTracker Upload Confirmation Form.

RESULTS

Groundwater Monitoring Results: The groundwater elevations calculated relative to the top of well casing in MW-1 to MW-3 and PW-1 ranged between 186.16 (MW-2) and 187.34 (PW-1) feet, as referenced to MSL.

The groundwater elevations calculated in each well during this monitoring event were used to calculate the approximate groundwater hydraulic gradient and flow direction across the Site. Figure 3 depicts the groundwater potentiometric map showing the hydraulic gradient and groundwater flow direction data calculated for the July 22, 2008 monitoring event.

Figure 7 depicts a rose diagram including historical groundwater flow direction and hydraulic gradient across the Site. Based on Figure 7, the historic groundwater flow directions across the Site calculated during the July events since 2001, have fluctuated approximately 305° (measured clockwise from the north), ranging from N4°E to N51°W. The associated hydraulic gradient magnitudes have fluctuated from 0.0008 ft/ft (July 26, 2005) to 0.04 ft/ft (July 22, 2008).

During the July 2008 monitoring event, the groundwater flow direction beneath the Site in the vicinity of wells MW-1, MW-2, and MW-3 was estimated at S53ºE under an hydraulic gradient of approximately 0.001 ft/ft. In the vicinity of wells MW-1, MW-2, and PW-1, the groundwater flow direction was estimated at S7ºE under an hydraulic gradient of approximately 0.04 ft/ft. In general, the groundwater flow direction beneath the Site is consistent with previous events. One exception during the July 2008 event was

that this time the groundwater seems to be flowing in two distinctive directions. Figure 3 depicts the groundwater potentiometric surface including the groundwater flow direction and hydraulic gradient.

Results of Groundwater Sampling and Laboratory Analysis: Elevated concentrations of TPH-G ranging between 2,400 and 60,000 ug/l, benzene ranging between 140 and 8,100 ug/l, MTBE ranging from 53 to 470 ug/l and other significant concentrations of hydrocarbon range compounds, which continue to exceed applicable groundwater ESL, were measured in groundwater samples collected from MW-1 through MW-3 during this event. However, the laboratory reported that concentrations of MTBE in these wells were confirmed, but the Relative Percentage Difference (RPD) between columns exceeds 40%. This means that the MTBE concentration can be $\pm$ 40% of the reported value. Elevated concentrations of TPH-G (710 ug/l) and benzene (9.3 ug/l) remain in Piezometer Well PW-1, and have fluctuated since April 2005 between 120 and 4,300 ug/l, and 2.3 and 93 ug/l, respectively. MTBE was detected in PW-1 below its ESL. Figure 4 depicts a summary of the TPH-G, benzene, and MTBE analytical data, for the groundwater samples collected from both GGTR and GR wells. Note that GR data correspond to the Second Quarter (April) 2008 event, for GR did not sample their wells during this quarter (GR monitors semi-annually). Figures 5 and 6 present the groundwater TPH-G and benzene isoconcentration maps, respectively.

Toluene was detected above its ESL in monitoring wells MW-1 and MW-2 and below its ESL in MW-3 and PW-1. Concentrations of toluene ranged from 1.2 ug/l in PW-1 to 1,500 ug/l in MW-1. Ethylbenzene was detected above its ESL in monitoring wells MW-1, MW-2, and PW-1. Ethylbenzene was detected below its ESL in MW-3. Concentrations of ethylbenzene ranged from 26 ug/l in MW-3 to 2,700 ug/l in MW-1. Total Xylenes were detected above their ESL in monitoring well MW-1, MW-2 and PW-1, and detected below their ESL in MW-3. Concentrations of Total Xylenes ranged from 18.5 ug/l in MW-3 to 9,800 ug/l in MW-1. Table 1 presents a summary of the hydrocarbons laboratory analytical results and the complete laboratory report is included in Appendix B.

VOCs (EPA 8260) were not sampled during this sampling event for the sampling frequency of these compounds was reduced to semi-annual (second and fourth quarters). Table 2 presents a summary of the historical laboratory analytical results for VOCs.

CONCLUSIONS / RECOMMENDATIONS

Due to the significant concentrations of TPH-G and Benzene remaining in MW-1 to MW-3 and PW-1, and the elevated concentrations of PCE in PW-1, GGTR recommends continuing the joint groundwater monitoring and sampling program with GR. The next quarterly event is scheduled at the Site in late October 2008. As requested in the a letter submitted by the ACHCSA on July 25, 2008, groundwater samples will continue to be analyzed for TPH-G by EPA Method 8015M, and BTEX, MTBE, ethyl tertiary butyl ether (EtBE), and tert butyl alcohol (TBE) by EPA Method 8260B. Also, to further monitor the elevated concentrations of PCE in groundwater in the vicinity of PW-1, the sampling in this well (VOCs by EPA 8260) will continue on a semi-annual basis (second and fourth quarters).

Upon contractual agreement with the responsible party, GGTR will prepare the Soil & Water Investigation Work Plan and Site Conceptual Model, pursuant to the ACHCSA's most recent July 25, 2008 directive letter.

REPORT DISTRIBUTION

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

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

Dr. Brian R. Sheaff, D.D.S.
1945 Parkside Drive
Concord, CA 94519 *(1 Copy; Bound)*

LIMITATIONS

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

TABLE 1

Historical Groundwater Levels & Hydrocarbon Analytical Results

5930 College Avenue, Oakland, CA

Well ID	Sample Date	Casing Elevation (ft, MSL)	Depth to GW (ft, TOC)	Water Elevation (ft, MSL)	Product Odor/ Sheen	TPH-G (ug/L)	MTBE (ug/L)	BTEX (ug/L)
MW-1	6/1/98	50.00 *	4.81	45.19	slight sheen	160000	1900	28000 / 21000 / 3800 / 21000
	9/10/98	50.00 *	7.5	42.5	Odor	290000	440	<50 / 25000 / 7100 / 32000
	10/7/99	50.00 *	10.04	39.96	Odor	85000	1100	20000 / 13000 / 3800 / 17000
	1/26/00	50.00 *	8.26	41.74	slight sheen	130000	470	25000 / 18000 / 4500 / 22000
	10/25/00	50.00 *	10.1	39.9	Odor	130000	1300	23000 / 12000 / 3900 / 18000
	2/2/01	50.00 *	9.61	40.39	Odor	128000	780	19000 / 11000 / 3800 / 18000
	4/25/01	195.9	7.39	188.51	Odor	120000	900	21000 / 13000 / 390 / 18000
	7/10/01		9.72	186.18	Odor	79000	660	15000 / 7800 / 3000 / 15000
	10/8/01		10.88	185.02	Odor/sheen	112000	374	25300 / 11800 / 4280 / 20600
	1/7/02		4.34	191.56	Odor	96100	596	21100 / 13500 / 4160 / 21900
	4/8/02		6.84	189.06	slight odor	111000	679	21200 / 13400 / 4230 / 21000
	7/9/02		9.4	186.5	slight odor	110000	570	20300 / 13300 / 4060 / 19800
	10/23/02		11.04	184.86	None	54100	1010 (1080)**	10800 / 3870 / 2320 / 9440
	10/15/03		10.8	185.1	None	90700	724	17800 / 4740 / 3150 / 13900
	2/2/04		7.35	188.55	None	108000	194	14200 / 7420 / 3450 / 19800
	4/23/04		6.83	189.07	slight odor	49200	114	7910 / 1480 / 1810 / 10100
	7/19/04		8.95	186.95	Odor	63900	303	7260 /2270 / 2510 / 10100
	10/22/04		10.15	185.75	None	80700	493 (296)**	13900 / 1670 / 3550 / 15200
	1/21/05		5.45	190.45	Odor	278000	271 (174)**	14700 / 25300 / 10800 / 73500
	4/14/05		5.3	190.6	Odor /sheen	116000	366 (410)**	15100 / 7080 / 4220 / 20700
	7/26/05		7.6	188.3	Odor	82000	ND<250	12000 / 4500 / 3300 / 14000
	10/14/05		9.58	186.32	Odor/sheen	64000	ND<250	13000 / 5700 / 3400 / 16000
	1/13/06		4.6	191.3	Odor/sheen	49000	ND<250	12000 / 5300 / 3500 / 17000
	4/14/06		3.08	192.82	Odor	51000	270	14000 / 5300 / 3500 / 17000
	10/26/06		9.22	186.68	Odor	34000	ND<250	12000 / 1600 / 3100 / 8600
	1/30/07		9.6	186.3	Odor	39000	ND<200	10000 / 2200 / 2900 / 10000
	4/13/07		9.24	186.66	NM	52000	150	9100 / 2600 / 3100 / 11000
	7/24/07		10.67	185.23	ND	46000	240	10000 / 1200 / 3500 / 6200
	4/21/08		7.24	188.66	ND	50000	ND<100	7800 / 1500 / 3000 / 12000
	7/22/08		**9.71**	**186.19**	**Odor**	**60000**	**470 [1]**	**8100 / 1500 / 2700 / 9800**
CRWQCB ESL - Nov 2007						**100**	**5**	**1.0 / 40 / 30 / 20**

Table Notes Following

TABLE 1 (Cont.)

Historical Groundwater Levels & Hydrocarbons Analytical Results

5930 College Avenue, Oakland, CA

Well ID	Sample Date	Casing Elevation (ft, MSL)	Depth to GW (ft, TOC)	Water Elevation (ft, MSL)	Product Odor/ Sheen	TPH-G (ug/L)	MTBE (ug/L)	BTEX (ug/L)
MW-2	10/7/99	51.42*	11.49	39.93	slight/odor	18000	490	3000 / 1700 / 1000 / 3900
	1/26/00	51.42*	7.85	43.57	None	42000	560	9300 / 2200 / 2300 / 7700
	10/25/00	51.42*	11.57	39.85	slight/odor	31000	500	5500 / 370 / 1700 / 2600
	2/2/01	51.42*	10.77	40.65	Odor	36000	400	4300 / 530 / 1800 / 4500
	4/25/01	197.28	8.52	188.76	Odor	56000	460	6700 / 1700 / 2600 / 8200
	7/10/01		11.05	186.23	Odor	39000	180	6200 / 730 / 2300 / 6100
	10/8/01		12.79	184.49	Odor/sheen	40700	6460	6310 / 399 / 2100 / 5320
	1/7/02		4.92	192.36	Odor	59600	366**	10300 / 3250 / 4180 / 14400
	4/8/02		8.4	188.88	slight odor	66700	583**	10200 / 2670 / 3840 / 13200
	7/9/02		10.55	186.73	slight odor	37100	303 (298)**	5340 / 890 / 2110 / 6920
	10/23/02		13.85	183.43	None	13300	322 (360)**	2420 / 216 / 922 / 1470
	10/15/03		12.38	184.9	None	11300	264 (322)**	2660 / 51 / 1180 / 1220
	2/2/04		8.8	188.48	None	21700	168 (200)**	2130 / 51 / 1030 / 2060
	4/23/04		8.4	188.88	Slight odor	30400	112 (203)**	3570 / 322 / 1620 / 4140
	7/19/04		10.3	186.98	Odor	28300	283 (373)**	2540 / 239 /1320 / 2300
	10/22/04		10.25	187.03	Mod odor	13500	273 (229)**	1790 / 54 / 892 / 915
	1/21/05		6.65	190.63	Mod odor	278000	161 (163)**	5980 / 1030 / 2890 / 9070
	4/14/05		8.7	188.58	None	46100	155 (150)**	5170 / 787 / 2530 / 6010
	7/26/05		8.95	188.33	Mod odor	41000	ND (ND)**	5600 / 550 / 2600 / 4600
	10/14/05		10.92	186.36	Odor/sheen	13000	130	2900 / 100 / 1300 / 1200
	1/13/06		5.48	191.8	Odor	20000	ND<100	4900 / 490 / 2400 / 4200
	4/14/06		3.61	193.67	Odor	21000	ND<100	4000 / 740 / 2300 / 5100
	10/26/06		10.58	186.7	Odor	8200	68	1400 / 51 / 840 / 500
	1/30/07		10.98	186.3	Odor	17000	62	3200 / 150 / 2200 / 1800
	4/13/07		10.54	186.74	NM	19000	57	2000 / 85 / 1300 / 1100
	7/24/07		12.04	185.24	ND	10000	84	1300 / 41 / 710 / 270
	4/21/08		8.01	189.27	ND	17000	48	1800 / 100 / 1400 / 1300
	7/22/08		**11.12**	**186.16**	**ND**	**16000**	**100** [1]	**1900 / 98 / 1600 / 741**
CRWQCB ESL - Nov 2007						**100**	**5**	**1.0 / 40 / 30 / 20**

Table Notes Following

TABLE 1 (Cont.)

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5930 College Avenue, Oakland, CA

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MW-3	10/7/99	49.39*	9.67	39.72	None	6600	390	310 / 110 / 430 / 1000
	1/26/00	49.39*	5.4	43.99	None	3300	40	110 / 8 / 100 / 32
	10/25/00	49.39*	9.24	40.15	Slight odor	4500	ND	100 / 2 / 120 / 130
	2/2/01	49.39*	8.73	40.66	Slight odor	2900	35	35 / 3 / 160 / 298
	4/25/01	195.22	6.61	188.61	Slight odor	8400	56	260 / 33 / 290 / 510
	7/10/01		8.85	186.37	Slight odor	12000	35	39 / 10 / 690 / 1600
	10/8/01		9.75	185.47	Odor/sheen	4913	52	108 / 4 / 99 / 133
	1/7/02		4.25	190.97	Odor/sheen	7260	81.7**	723 / 138 / 492 / 887
	4/8/02		6.33	188.89	Odor	11700	ND**	540 / 108 / 706 / 1710
	7/9/02		8.56	186.66	Odor	2320	28.3 (20)**	37.1 / 4.7 / 98.5 / 187
	10/23/02		10.02	185.2	Odor/sheen	2830	ND (ND)**	46.8 / 4.7 / 43.6 / 65.5
	10/15/03		9.8	185.42	Odor/sheen	3040	ND (ND)**	91.3 / 8.4 / 69.9 / 148
	2/2/04		6.85	188.37	Odor/sheen	5140	ND (ND)**	126 / 8.7 / 134 / 238
	4/23/04		6.17	189.05	None	7210	ND (ND)**	227 / 39.5 / 448 / 879
	7/19/04		8.25	186.97	Slight odor	9860	ND (ND)**	20.4 / 3.2 / 30.6 / 117
	10/22/04		9.25	185.97	None	7420	96 (21)**	152 / 12.8 / 267 / 480
	1/21/05		5.22	190	Slight odor	2420	ND (ND)**	111 / 11.4 / 139 / 265
	4/14/05		6.64	188.58	Odor/sheen	5130	54 (41.4)**	357 / 19.4 / 287 / 510
	7/26/05		6.9	188.32	None	9800	ND (21)**	200 / 23 / 220 / 360
	10/14/05		8.83	186.39	Odor/sheen	6100	ND	76 / 19 / 170 / 350
	1/13/06		4.61	190.61	Odor	3900	24	380 / 17 / 230 / 300
	4/14/06		3.41	191.81	Odor	5000	69	760 / 44 / 230 / 190
	10/26/06		8.57	186.65	Odor	3100	17	120 /9.8 /55 / 54
	1/30/07		8.83	186.39	Odor	4500	ND<10	90 /7.6 / 75 / 44
	4/13/07		8.57	186.65	NM	2800	ND<5	55 / 4.9 / 19 / 6.1
	7/24/07		9.98	185.24	ND	4800	ND<5	140 / 8.3 / 66 / 22
	4/21/08		9.3	185.92	ND	4300	ND<5	200 / 11 / 30 / 14
	7/22/08		**9.05**	**186.17**	**ND**	**2400**	**53** [1]	**140 / 13 / 26 / 18.5**
CRWQCB ESL - Nov 2007						**100**	**5**	**1.0 / 40 / 30 / 20**

Table Notes Following

TABLE 1 (Cont.)

Historical Groundwater Levels & Hydrocarbons Analytical Results

5930 College Avenue, Oakland, CA

Well ID	Sample Date	Casing Elevation (ft, MSL)	Depth to GW (ft, TOC)	Water Elevation (ft, MSL)	Product Odor/ Sheen	TPH-G (ug/L)	MTBE (ug/L)	BTEX (ug/L)
PW-1	4/14/05	197.17	6.4	190.77	None	3360	ND (ND**)	62.8 / 6.7 / 79.5/ 317
	7/26/05		8.63	188.54	None	1300	ND (ND**)	22 / ND / 48 / 110
	10/14/05		10.71	186.46	None	4300	ND	93 /1.2 / 100 / 140
	1/13/06		4.87	192.3	None	450	ND<2.0	10 / ND / 37 / 72
	4/14/06		2.27	194.9	Odor	120	ND<2.0	2.3 / ND<1.0 / 3.5 /9.3
	10/26/06		10.3	186.87	Odor	2800	ND<10	61 / ND<5.0 / 130 / 34
	1/30/07		10.8	186.37	Odor	1200	ND<2	22 / ND<1.0 / 100 / 200
	4/13/07		10.31	186.86	NM	510	ND<1	6 / ND<0.5 / 30 / 56
	7/24/07		11.81	185.36	ND	3400	ND<5	63 / ND<2.5 / 180 / 5.6
	4/21/08		9.08	188.09	ND	300	ND<1	3 / ND<0.5 / 16 / 26
	7/22/08		**9.83**	**187.34**	**ND**	**710**	**3.1 [1]**	**9.3 / 1.2 [1] / 49 / 67.86**
CRWQCB ESL - Nov 2007						**100**	**5**	**1.0 / 40 / 30 / 20**

NOTES:

ft, MSL = feet Above Mean Sea Level

TOC = Top of Well Casing

GW = Depth to Groundwater in feet Below TOC

TPH-G = Total Petroleum Hydrocarbons as Gasoline

MTBE = Methyl Tertiary Butyl Ether

BTEX = Benzene / Toluene / Ethylbenzene / Total Xylenes

ug/L = micrograms per liter

ND = Not detected above laboratory reporting limit

[1] = Presence confirmed, but Relative Percentage Difference (RPD) between columns exceeds 40%

* = Arbitrary datum point with assumed elevation of 50 ft used prior to MSL survey on 4/ 25/01

** = Concentration confirmed by EPA Method 8260

CRWQCB/ESL = California Regional Water Quality Control Board's Interim Final - November 2007, Tier 1 Environmental Screening Level for groundwater that **IS** a potential source of drinking water

TABLE 2
Historical Groundwater VOC Analytical Results
5930 College Avenue, Oakland, CA

Well ID	Sample Date	IPB (ug/L)	n-PB (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Sec-BB (ug/L)	n-BB (ug/L)	Naphthalene (ug/L)	TCE (ug/L)	MC (ug/L)	cis-1,2-DCE (ug/L)	Tri-CFM (ug/L)	PCE (ug/L)
MW-1	2/2/04	116	342	701	2690	ND<10	66	992	ND<5	ND<50	ND<10	ND<10	ND<5
	4/23/04	ND<100	180	417	1560	ND<100	ND<100	559	ND<10	1210	ND<100	ND<100	ND<50
	7/19/04	89	239	507	1890	ND<20	ND<20	801	ND<10	ND<100	ND<20	ND<20	ND<10
	10/22/04	ND<100	264	520	1990	ND<100	ND<100	700	ND<50	ND<500	ND<100	ND<100	ND<50
	1/21/05	ND<200	271	525	2080	ND<200	ND<200	662	ND<100	ND<5000	ND<200	ND<200	ND<100
	4/14/05	141	437	882	3450	ND	ND	1220	ND<50	ND<2500	ND<100	ND<100	ND<50
	7/26/05	ND<500	ND<2500	ND<2500	ND<2500	ND<2500	ND<2500	ND<2500	ND<250	ND<2500	ND<250	ND<250	ND<250
	10/14//05	ND<250	ND<1200	ND<1200	2700	ND<1200	ND<1200	ND<1200	ND<120	ND<5000	ND<120	ND<120	ND<120
	1/13/06	ND<250	ND<1200	ND<1200	2100	ND<1200	ND<1200	ND<1200	ND<120	ND<5000	ND<120	ND<120	ND<120
	4/14/06	ND<250	ND<1200	ND<1200	2400	ND<1200	ND<1200	ND<1200	ND<120	ND<5000	ND<120	ND<120	ND<120
	10/26/06	ND<250	ND<1200	ND<1200	2000	ND<1200	ND<1200	ND<1200	ND<120	ND<5000	ND<120	ND<120	ND<120
	1/30/07	ND<200	ND<1000	ND<1000	1700	ND<1000	ND<1000	ND<1000	ND<100	ND<4000	ND<100	ND<100	ND<100
	4/13/07	ND<100	ND<500	ND<500	1800	ND<500	ND<500	730	ND<50	ND<2000	ND<50	ND<50	ND<50
	7/24/07	1000	ND<500	ND<500	2200	ND<500	ND<500	790	ND<50	ND<2000	ND<50	ND<50	ND<50
	4/21/08	ND<100	ND<500	ND<500	2100	ND<500	ND<500	810	ND<50	ND<2000	ND<50	ND<50	ND<50
	7/22/08	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
CRWQCB ESL		**NC**	**NC**	**NC**	**NC**	**NC**	**NC**	**17**	**5**	**5**	**6**	**NC**	**5**

Well ID	Sample Date	IPB (ug/L)	n-PB (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Sec-BB (ug/L)	n-BB (ug/L)	Naphthalene (ug/L)	TCE (ug/L)	MC (ug/L)	cis-1,2-DCE (ug/L)	Tri-CFM (ug/L)	PCE (ug/L)
MW-2	2/2/04	73	186	306	1090	ND<10	66	413	ND<5	ND<50	ND<10	ND<10	ND<5
	4/23/04	ND<100	215	469	1570	ND<100	ND<100	568	ND<5	ND<50	ND<100	ND<100	ND<50
	7/19/04	73	173	316	1070	ND<10	74	475	ND<5	ND<50	ND<10	ND<10	ND<5
	10/22/04	49	132	80	257	ND<10	44	227	ND<50	ND<50	ND<10	ND<10	ND<5
	1/21/05	ND<100	239	371	1500	ND<100	ND<100	697	ND<50	ND<2500	ND<100	ND<100	ND<50
	4/14/05	139	293	445	2390	ND	71	1490	ND<5	ND<250	ND<10	ND<10	ND<5
	7/26/05	ND<500	ND<2500	ND<2500	ND<2500	ND<2500	ND<2500	ND<2500	ND<250	ND<2500	ND<250	ND<250	ND<250
	10/14//05	ND<100	ND<500	ND<500	770	ND<500	ND<500	ND<500	ND<50	ND<2000	ND<50	ND<50	ND<50
	1/13/06	ND<100	ND<500	ND<500	1200	ND<500	ND<500	ND<500	ND<50	ND<2000	ND<50	ND<50	ND<50
	4/14/06	ND<100	ND<500	ND<500	1200	ND<500	ND<500	680	ND<50	ND<2000	ND<50	ND<50	ND<50
	7/24/07	ND<100	10.67	185.23	**ND**	ND<500	ND<500	680	ND<50	ND<2000	ND<50	ND<50	ND<50
	10/26/06	ND<25	180	ND<120	320	ND<120	ND<120	210	ND<12	ND<500	ND<12	ND<12	ND<12
	1/30/07	ND<50	360	250	1100	ND<250	ND<250	500	ND<25	ND<1000	ND<25	ND<25	ND<25
	4/13/07	73	180	140	680	ND<100	ND<100	450	ND<10	ND<400	ND<10	ND<10	ND<10
	7/24/07	110	130	ND<100	140	ND<100	ND<100	200	ND<10	ND<400	ND<10	ND<10	ND<10
	4/21/08	78	230	ND<100	440	ND<100	ND<100	450	ND<10	ND<400	ND<10	ND<10	ND<10
	7/22/08	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
CRWQCB ESL		**NC**	**NC**	**NC**	**NC**	**NC**	**NC**	**17**	**5**	**5**	**6**	**NC**	**5**

Table Notes Following

TABLE 2 (Cont.)
Historical Groundwater VOC Analytical Results
5930 College Avenue, Oakland, CA

Well ID	Sample Date	IPB (ug/L)	n-PB (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Sec-BB (ug/L)	n-BB (ug/L)	Naphthalene (ug/L)	TCE (ug/L)	MC (ug/L)	cis-1,2-DCE (ug/L)	Tri-CFM (ug/L)	PCE (ug/L)
MW-3	2/2/04	23	83	22	68	ND<1	38	33	ND<0.5	ND<5	ND<1	ND<1	ND<0.5
	4/23/04	29	82	60	337	ND<1	24	160	ND<0.5	ND<5	ND<1	ND<1	ND<0.5
	7/19/04	27	105	48	204	ND<1	34	16	ND<0.5	ND<5	ND<1	ND<1	ND<0.5
	10/22/04	55	182	192	574	ND<10	42	76	ND<5	ND<50	ND<10	ND<10	ND<5
	1/21/05	25	88	23	96	ND<1	15	43	ND<0.5	ND<25	ND<1	ND<1	ND<0.5
	4/14/05	45	28	85	302	ND<10	28	121	ND<0.5	ND25	ND<1	ND<1	ND<0.5
	7/26/05	ND<10	ND<50	120	250	ND<50	ND<50	60	ND<5	ND<50	ND<5	ND<5	ND<5
	10/14//05	ND<20	ND<100	ND<100	210	ND<100	ND<100	ND<100	ND<10	ND<400	ND<10	ND<10	ND<10
	1/13/06	ND<10	120	ND<50	120	ND<50	ND<50	ND<50	ND<5	ND<200	ND<5	ND<5	ND<5
	4/14/06	ND<20	170	ND<100	120	ND<100	ND<100	100	ND<10	ND<400	ND<10	ND<10	ND<10
	10/26/06	ND<10	82	ND<50	62	ND<50	ND<50	ND<50	ND<5.0	ND<200	ND<5.0	ND<5.0	ND<5.0
	1/30/07	ND<10	94	ND<50	63	ND<50	ND<50	ND<50	ND<5.0	ND<200	ND<5.0	ND<5.0	ND<5.0
	4/13/07	25	68	ND<25	ND<25	ND<25	ND<25	ND<25	ND<2.5	ND<100	ND<2.5	ND<2.5	ND<2.5
	7/27/07	12	36	ND<25	ND<25	ND<25	ND<25	ND<25	ND<2.5	ND<100	ND<2.5	ND<2.5	ND<2.5
	4/21/08	25	73	ND<25	ND<25	ND<25	ND<25	ND<25	ND<2.5	ND<100	ND<2.5	ND<2.5	ND<2.5
	7/22/08	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
CRWQCB ESL		**NC**	**NC**	**NC**	**NC**	**NC**	**NC**	**17**	**5**	**5**	**6**	**NC**	**5**

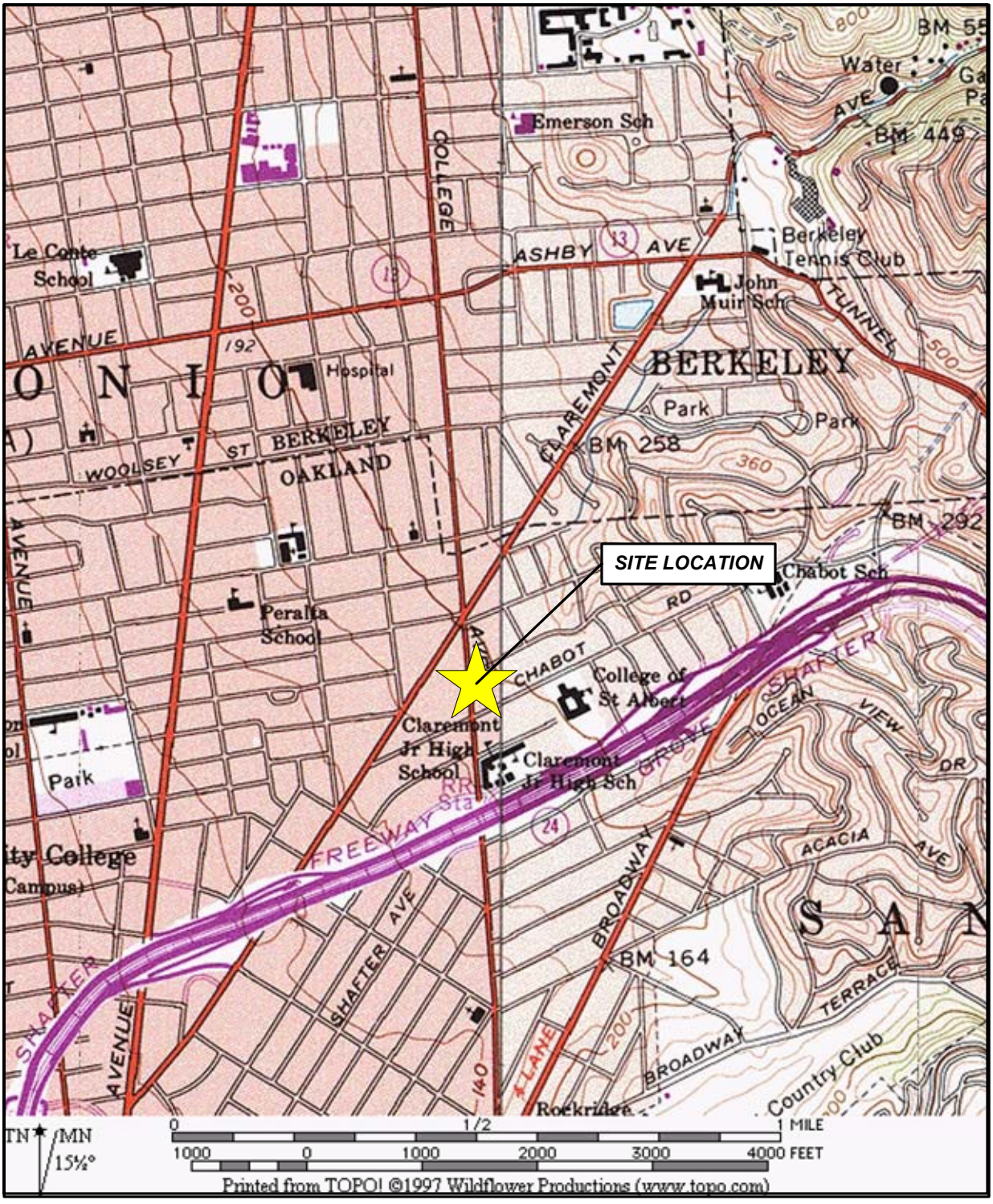
Well ID	Sample Date	IPB (ug/L)	n-PB (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Sec-BB (ug/L)	n-BB (ug/L)	Naphthalene (ug/L)	TCE (ug/L)	MC (ug/L)	cis-1,2-DCE (ug/L)	Tri-CFM (ug/L)	PCE (ug/L)
PW-1	4/14/05	11	22	110	100	ND,10	ND<10	43	3.3	ND<25	12	ND<1	84.9
	7/26/05	7.3	17	37	100	ND<10	ND<10	43	ND<1	ND<10	7	1.5	48
	10/14//05	28	72	67	120	12	17	43	4.1	ND<40	29	ND<1	25
	1/13/06	ND<20	ND<10	ND<10	37	ND<10	ND<10	ND<10	1.4	ND<40	5	ND<1	95
	4/14/06	ND<2	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	1.1	ND<40	2.8	ND<1	68
	7/24/07	ND<2	12.04	185.24	**ND**	ND<10	ND<10	ND<10	1.1	ND<40	2.8	ND<1	68
	10/26/06	ND<10	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	6.2	ND<200	32	ND<5.0	26
	1/30/07	ND<2	23	31	120	ND<10	ND<10	18	ND<1	ND<40	11	ND<1	29
	4/13/07	2.4	6.1	7	30	ND<5	ND<5	6.8	0.84	ND<20	4.7	0.51	64
	7/24/07	ND<5.0	60	ND<25	ND<25	ND<25	ND<25	ND<25	ND<2.5	ND<100	58	ND<2.5	50
	4/21/08	1.1	ND<5	ND<5	15	ND<5	ND<5	ND<5	0.88	ND<20	3.7	ND<0.5	91
	7/22/08	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
CRWQCB ESL		**NC**	**NC**	**NC**	**NC**	**NC**	**NC**	**17**	**5**	**5**	**6**	**NC**	**5**

Table Notes Following

TABLE 2 (Cont.)
Historical Groundwater VOC Analytical Results
5930 College Avenue, Oakland, CA

NOTES:
VOC = Volatile Organic Compounds
IPB = Isopropylbenzene
n-PB = n-Propylbenzene
1,3,5-TMB = 1,3,5-Trimethylbenzene
1,2,4-TMB = 1,2,4-Trimethylbenzene
sec-BB = sec-Butylbenzene
n-BB = n-Butylbenzene
TCE = Trichloroethene
MC = Methylene Chloride
cis-1,2-DCE = cis-1,2-Dichloroethene
Tri-CFM = Trichlorofluoromethane
PCE = Tetrachloroethene
ug/l = micrograms per liter
ND = Not detected above laboratory reporting limit
NC = No Criteria Listed
NA = Not Analyzed

CRWQCB/ESL = California Regional Water Quality Control Board's Interim Final - November 2007, Tier 1 Environmental Screening Level for groundwater that **IS** a potential source of drinking water



GOLDEN GATE TANK REMOVAL, INC. 3730 Mission Street San Francisco, California 94110 Ph (415) 512-1555 Fx (415) 512-0964		**SITE LOCATION MAP** Sheaff's Garage 5930 College Avenue Oakland, California	
GGTR Project No. 7335	*Dwg: baw/11.07*	*July 2008*	***Figure 1***

HARWOOD AVENUE

N
W
E
S

RESIDENTIAL AREA

CHURCH

SIDEWALK

GR-MW-2

RESTAURANTS AND OFFICES
FORMER CHEVRON SERVICE STATION
5940 COLLEGE AVENUE

HB-3

GR-MW-1

HB-4

COLLEGE AVENUE

PL

B18

PW-1

UNCOVERED BACKYARD

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

EX-3 @ 2.5'

B11

HB-1

B8

B19

B7

B17

B20

B24

B19

EX-2 @ 3.5'

B15

MW-1

GARAGE DOOR

MW-2

Former Subsurface Product Line (Removed August 2002)

B14

B9

B21

OE-2

EX-1 @ 3.5'

OE-4

B13

PL

UST T1

OE-5

OFFICE

B2

B3

WC

CORRIDOR

B22

B10

UST T2

OE-1

OE-3

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

RESIDENTIAL AREA

B23

HB-5

B1

MULTI RESIDENTIAL PROPERTY
5916- 5920 COLLEGE AVENUE

MW-3

CORRIDOR

HB-6

COMMERCIAL/RETAIL PROPERTY
5912 COLLEGE AVENUE

COMMERCIAL/ RETAIL

LEGEND

- Groundwater Monitoring Well (GGTR)
- Groundwater Monitoring Well (GR)
- Soil Boring (GGTR, April 2005)
- Hydropunch Boring (GGTR, April/June 2005)
- Product Line Removal Soil Sample (GGTR, August 2002)
- Soil Boring (GGTR, May 1998 & Oct. 2000)
- UST Removal Over-Excavation Soil Sample (GGTR, October 1996)
- Approximate Lateral Limit of Former UST Excavation, October 1996
  UST#1 675-Gallon Gasoline Tank
  UST#2 340-Gallon Waste Oil Tank
- PL — Property Line

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

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

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

GGTR Project No. 7335	*Figure By: ed (07/08)*	*July 2008*	***Figure 2***

HARWOOD AVENUE

N
W
E
S

RESIDENTIAL AREA

CHURCH

SIDEWALK

GR-MW-2
(188.04)

RESTAURANTS AND OFFICES
(FORMER CHEVRON SERVICE STATION)
5940 COLLEGE AVENUE

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

COLLEGE AVENUE

GR-MW-1
(186.96)

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

PL

PW-1
(187.34)

UNCOVERED BACKYARD

187.00

S7E
(0.04 ft/ft)

Former Subsurface
Product Line
(Removed August 2002)

186.50

GARAGE DOOR

MW-1
(186.19)

MW-2
(186.16)

186.19

S53E
(0.001 ft/ft)

UST
T1

UST
T2

OFFICE

WC

CORRIDOR

186.18

MW-3
(186.17)

MULTI RESIDENTIAL
PROPERTY
5916- 5920 COLLEGE AVENUE

186.17

186.16

SIDEWALK

COMMERCIAL/ RETAIL

CORRIDOR

COMMERCIAL/RETAIL
PROPERTY
5912 COLLEGE AVENUE

LEGEND

MW- 3 (186.17)	Groundwater Monitoring Well & Elevation in Feet Above MSL (GGTR, 7/22/08)
186.16	Equipotential Contour Line (7/22/08)
S53E (0.001 ft/ft)	Approximate Groundwater Flow Direction and Hydraulic Gradient (7/22/08)
GR-MW- 1 (186.96)	Groundwater Monitoring Well & Elevation in Feet Above MSL (GR 4/21/08)
MSL	Mean Sea Level
	Approx. Limit of Former UST Excavation
PL	Property Line

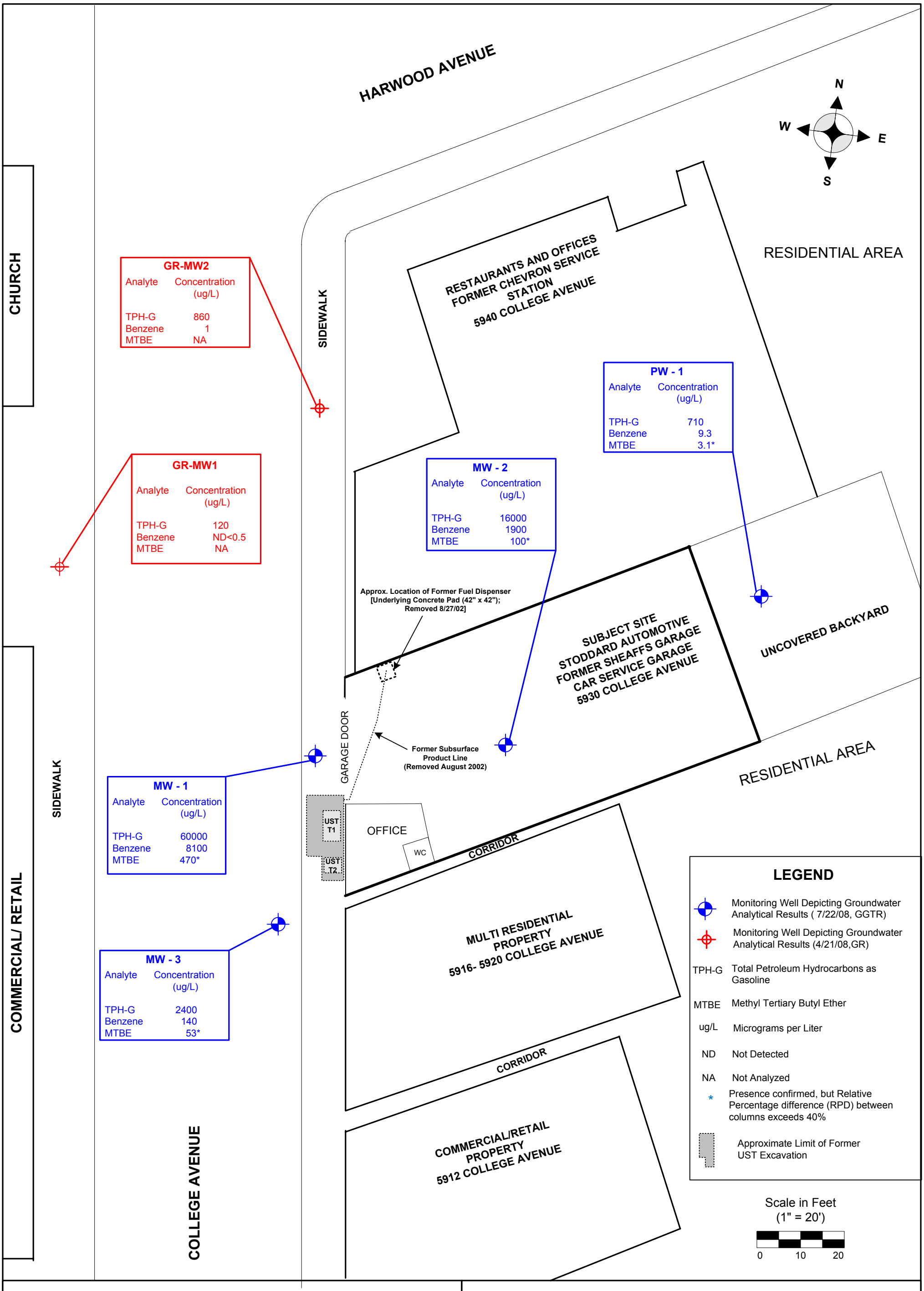
Scale in Feet
(1" = 20')

0 10 20

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

GROUNDWATER POTENTIOMETRIC MAP
Sheaff's Service Garage
5930 College Avenue
Oakland, California

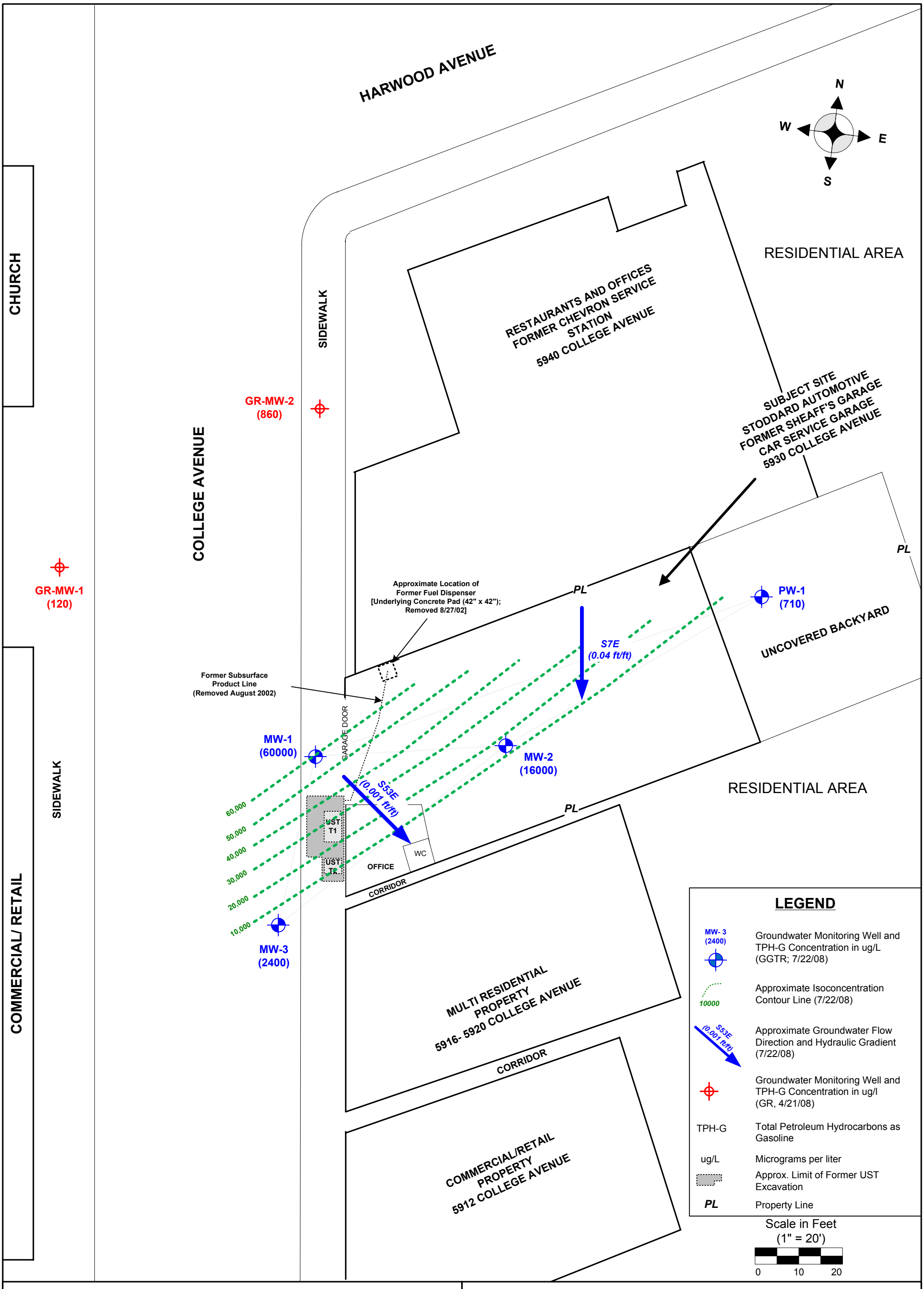
GGTR Project No. 7335	*Figure By: ED*	*July 2008*	***Figure 3***



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

GROUNDWATER ANALYTICAL DATA DIAGRAM
Sheaff's Service Garage
5930 College Avenue
Oakland, California

GGTR Project No. 7335	*July 2008*	*Figure By: ED*	***Figure 4***



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

GROUNDWATER TPH-G ISOCONCENTRATION MAP
Sheaff's Service Garage
5930 College Avenue
Oakland, California

GGTR Project No. 7335	*Figure By: ED*	*July 2008*	***Figure 5***

HARWOOD AVENUE

N
W
E
S

RESIDENTIAL AREA

CHURCH

SIDEWALK

RESTAURANTS AND OFFICES
FORMER CHEVRON SERVICE STATION
5940 COLLEGE AVENUE

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

GR-MW-2
(1.0)

COLLEGE AVENUE

GR-MW-1
(ND<0.5)

PL

PW-1
(9.3)

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

S7E
(0.04 ft/ft)

UNCOVERED BACKYARD

Former Subsurface
Product Line
(Removed August 2002)

GARAGE DOOR

MW-1
(8100)

MW-2
(1900)

8000
6000
4000
2000

S53E
(0.001 ft/ft)

UST
T1

UST
T2

OFFICE

WC

CORRIDOR

PL

RESIDENTIAL AREA

SIDEWALK

COMMERCIAL/ RETAIL

MW-3
(140)

MULTI RESIDENTIAL
PROPERTY
5916- 5920 COLLEGE AVENUE

CORRIDOR

COMMERCIAL/RETAIL
PROPERTY
5912 COLLEGE AVENUE

LEGEND

MW- 3 (140)	Groundwater Monitoring Well & Benzene Concentration in ug/L (GGTR, 7/22/08)
2000	Approximate Isoconcentration Contour Line (7/22/08)
S53E (0.001 ft/ft)	Approximate Groundwater Flow Direction and Hydraulic Gradient (7/22/08)
	Groundwater Monitoring Well & Benzene Concentration in ug/l (GR, 4/21/08)
ug/l	Micrograms per liter
	Approx. Limit of Former UST Excavation
PL	Property Line

Scale in Feet
(1" = 20')

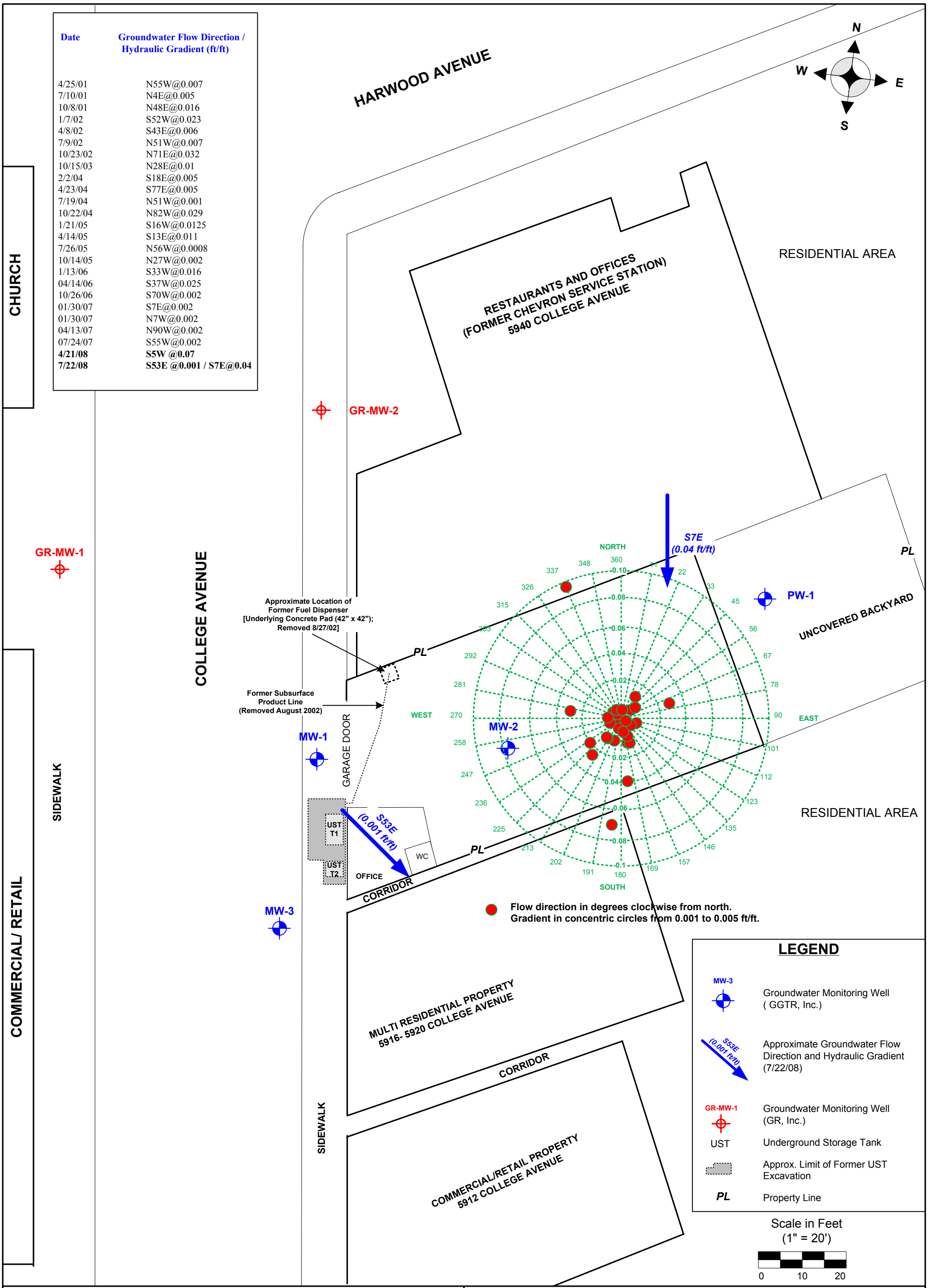
0 10 20

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

GROUNDWATER BENZENE ISOCONCENTRATION MAP
Sheaff's Service Garage
5930 College Avenue
Oakland, California

GGTR Project No. 7335	*Figure By: ED*	*July 2008*	***Figure 6***

Date	Groundwater Flow Direction / Hydraulic Gradient (ft/ft)
4/25/01	N55W@0.007
7/10/01	N4E@0.005
10/8/01	N48E@0.016
1/7/02	S52W@0.023
4/8/02	S43E@0.006
7/9/02	N51W@0.007
10/23/02	N71E@0.032
10/15/03	N28E@0.01
2/2/04	S18E@0.005
4/23/04	S77E@0.005
7/19/04	N51W@0.001
10/22/04	N82W@0.029
1/21/05	S16W@0.0125
4/14/05	S13E@0.011
7/26/05	N56W@0.0008
10/14/05	N27W@0.002
1/13/06	S33W@0.016
04/14/06	S37W@0.025
10/26/06	S70W@0.002
01/30/07	S7E@0.002
01/30/07	N7W@0.002
04/13/07	N90W@0.002
07/24/07	S55W@0.002
4/21/08	**S5W @0.07**
7/22/08	**S53E @0.001 / S7E@0.04**



LEGEND

- MW-3 — Groundwater Monitoring Well (GGTR, Inc.)
- S53E (0.001 ft/ft) — Approximate Groundwater Flow Direction and Hydraulic Gradient (7/22/08)
- GR-MW-1 — Groundwater Monitoring Well (GR, Inc.)
- UST — Underground Storage Tank
- Approx. Limit of Former UST Excavation
- PL — Property Line

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

ROSE DIAGRAM
Sheaff's Service Garage
5930 College Avenue
Oakland, California

GGTR Project No. 7335	Figure By: ED	July 2008	**Figure 7**

APPENDIX A

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

Golden Gate Tank Removal, Inc.

FLUID-LEVEL MONITORING DATA

Project No: 7335 Date: 7/22/08

Project/Site Location: 5930 College Ave. OAK - CA

Technician: E. D. Instrument: water level meter

Boring/ Well	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Total Well Depth (feet)	Comments
PW-1	9.83	ND	ND	18.75	0745
MW-1	9.71	ND	ND	14.50	0751
MW-2	11.12	ND	ND	19.60	0749
MW-3	9.05	ND	ND	19.80	0747

Measurements referenced to: ✓ TOC ____ Grade. Page 1 of 1

Golden Gate Tank Removal, Inc.
WELL PURGING/SAMPLING DATA

Project Number: 7335 Date: 7-22-08

Project / Site Location: 5930 Colleft Ave. OAKLAND-CA
Former Sheriff's Garage

Sampler/Technician: CD

Casing/Borehole Diameter (inches)	0.75/1.75	2/3	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. PW-1

A. Total Well Depth	18.75	Ft.(toc)
B. Depth To Water	9.83	Ft.
C. Water Height (A-B)	8.92	Ft.
D. Well Casing Diameter	2	In.
E. Casing Volume Constant (from above table)	0.2	
F. Three (3) Casing or Borehole Volumes (CxEx3)	5.4	Gals.
G. 80% Recharge Level [B+(ExC)]	11.61	Ft.

Purge Event #1
Start Time: 08:24
Finish Time: 09:27
Purge Volume: 3.6 gls.

Recharge #1
Depth to Water: 12.35 → 12.20
Time Measured: 09:28 → 09:29

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

Recharge #2
Depth to Water:
Time Measured:

Well Fluid Parameters:
(Casing or Borehole Volumes)

	0	0.5	1	1.5	2	2.5	3
Time	0824	0840	0851	0910	0927		
pH	6.47	6.19	6.22	6.19	6.18		
T (°F)	17.1	17.2	17.4	17.4	17.4		
Cond.	595	365	350	353	351		
DO							
ORP							

Summary Data:
Total Gallons Purged: 3.6
Purge Rate (Liters/Min.): 200
Purge device: Peristaltic Intake Depth: 18.00
Sampling Device: Peristaltic
Sample Collection Time: 0935
Sample Appearance: Clear. No odor. No sheen

Well No. MW-1

A. Total Well Depth	14.50	Ft.(toc)
B. Depth To Water	9.71	Ft.
C. Water Height (A-B)	4.79	Ft.
D. Well Casing Diameter	2	In.
E. Casing Volume Constant (from above table)	0.2	
F. Three (3) Casing or Borehole Volumes (CxEx3)	3	Gals.
G. 80% Recharge Level [B+(ExC)]	10.67	Ft.

Purge Event #1
Start Time: 12:40
Finish Time: 13:20
Purge Volume: 2 gls

Recharge #1
Depth to Water: 10.80 → 10.67
Time Measured: 13:21 13:22

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

Recharge #2
Depth to Water:
Time Measured:

Well Fluid Parameters:
(Casing or Borehole Volumes)

	0	0.5	1	1.5	2	2.5	3
Time	1240	1250	1300	1310	1320		
pH	6.46	6.52	6.55	6.52	6.53		
T (°F)	20.1	19.0	19.0	19.2	19.3		
Cond.	1005	930	921	910	915		
DO							
ORP							

Summary Data:
Total Gallons Purged: 2
Purge Rate (Liters/Min.): 200
Purge device: Peristaltic Intake Depth: 14 ft.
Sampling Device: Peristaltic
Sample Collection Time: 13:30
Sample Appearance: Clear. Slight HC odor. No sheen

Drums Remaining Onsite: 1 *Total Volume:* 45 *Gals. (Show Location on Site Plan)*

Golden Gate Tank Removal, Inc.
WELL PURGING/SAMPLING DATA

Project Number: 7335 Date: 7-22-08

Project / Site Location: Former Sheaff's Garage. 5930 College Ave. OAKLAND - CA

Sampler/Technician:

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-2

A. Total Well Depth	19.60	Ft.(toc)
B. Depth To Water	11.12	Ft.
C. Water Height (A-B)	8.48	Ft.
D. Well Casing Diameter	2	In.
E. Casing Volume Constant (from above table)	0.2	
F. Three (3) Casing or Borehole Volumes (CxEx3)	5	Gals.
G. 80% Recharge Level [B+(ExC)]	12.82	Ft.

Purge Event #1
Start Time: 11:30
Finish Time: 12:02
Purge Volume: 2 gls

Recharge #1
Depth to Water: 13.07 → 12.95
Time Measured: 12:04 → 12:05

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

Recharge #2
Depth to Water:
Time Measured:

Well Fluid Parameters:
(Casing or Borehole Volumes)

	0	0.5	1	1.5	2	2.5	3
Time	1130	1136	1142	1148	1154	1202	
pH	6.42	6.45	6.49	6.50	6.50	6.52	
T (°F)	18.1	18.1	18.2	18.3	18.3	18.3	
Cond.	1195	1220	1214	1193	1213	1215	

DO
ORP

Summary Data:
Total Gallons Purged: 2
Purge Rate (Liters/Min.): 200
Purge device: Peristaltic Intake Depth: 19.00
Sampling Device: Peristaltic
Sample Collection Time: 12:18
Sample Appearance: Clear. HC odor. No sheen

Well No. MW-3

A. Total Well Depth	19.80	Ft.(toc)
B. Depth To Water	9.05	Ft.
C. Water Height (A-B)	10.75	Ft.
D. Well Casing Diameter	2	In.
E. Casing Volume Constant (from above table)	0.2	
F. Three (3) Casing or Borehole Volumes (CxEx3)	6.5	Gals.
G. 80% Recharge Level [B+(ExC)]	11.2	Ft.

Purge Event #1
Start Time: 0950
Finish Time: 1046
Purge Volume: 4.3 gls.

Recharge #1
Depth to Water: 11.50 → 11:45
Time Measured: 10:47 → 10:48

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

Recharge #2
Depth to Water:
Time Measured:

Well Fluid Parameters:
(Casing or Borehole Volumes)

	0	0.5	1	1.5	2	2.5	3
Time	0950	1004	1018	1032	1046		
pH	6.64	6.70	6.68	6.64	6.64		
T (°F)	17.1	17.3	17.4	17.4	17.2		
Cond.	499	443	437	424	422		

DO
ORP

Summary Data:
Total Gallons Purged: 4.3
Purge Rate (Liters/Min.): 250
Purge device: Peristaltic Intake Depth: 19.00'
Sampling Device: Peristaltic
Sample Collection Time: 11:00
Sample Appearance: Clear. No odor. No sheen

Drums Remaining Onsite: 1 *Total Volume:* 45 *Gals. (Show Location on Site Plan)*

APPENDIX B

LABORATORY CERTIFICATES OF ANALYSIS
CHAIN OF CUSTODY RECORD
GEOTRACKER UPLOAD CONFIRMATION FORMS

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

Laboratory Job Number 204835
ANALYTICAL REPORT

Golden Gate Tank Removal 3730 Mission Street San Francisco, CA 94110	Project : 7335 Location : Former Sheaff's Garage Level : II

Sample ID	Lab ID
PW-1	204835-001
MW-1	204835-002
MW-2	204835-003
MW-3	204835-004

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: 08/01/2008
Project Manager

Signature: _____ Date: 08/08/2008
Senior Program Manager

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	204835
Client:	Golden Gate Tank Removal
Project:	7335
Location:	Former Sheaff's Garage
Request Date:	07/23/08
Samples Received:	07/23/08

This hardcopy data package contains sample and QC results for four water samples, requested for the above referenced project on 07/23/08. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B and EPA 8021B):

PW-1 (lab # 204835-001) and MW-1 (lab # 204835-002) were analyzed with more than 1 mL of headspace in the VOA vial. No other analytical problems were encountered.

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	204835	Location:	Former Sheaff's Garage
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	7335		
Matrix:	Water	Sampled:	07/22/08
Units:	ug/L	Received:	07/23/08

Field ID: PW-1 Lab ID: 204835-001
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL	Batch#	Analyzed	Analysis
Gasoline C7-C12	710	50	140729	07/25/08	EPA 8015B
MTBE	3.1 C	2.0	140729	07/25/08	EPA 8021B
Benzene	9.3	0.50	140729	07/25/08	EPA 8021B
Toluene	1.2 C	0.50	140827	07/29/08	EPA 8021B
Ethylbenzene	49	0.50	140729	07/25/08	EPA 8021B
m,p-Xylenes	67	0.50	140729	07/25/08	EPA 8021B
o-Xylene	0.86	0.50	140729	07/25/08	EPA 8021B

Surrogate	%REC	Limits	Batch#	Analyzed	Analysis
Trifluorotoluene (FID)	112	69-140	140729	07/25/08	EPA 8015B
Bromofluorobenzene (FID)	111	73-144	140729	07/25/08	EPA 8015B
Trifluorotoluene (PID)	89	60-146	140729	07/25/08	EPA 8021B
Bromofluorobenzene (PID)	96	65-143	140729	07/25/08	EPA 8021B

Field ID: MW-1 Lab ID: 204835-002
Type: SAMPLE Batch#: 140729

Analyte	Result	RL	Diln Fac	Analyzed	Analysis
Gasoline C7-C12	60,000	2,500	50.00	07/26/08	EPA 8015B
MTBE	470 C	40	20.00	07/25/08	EPA 8021B
Benzene	8,100	25	50.00	07/26/08	EPA 8021B
Toluene	1,500	25	50.00	07/26/08	EPA 8021B
Ethylbenzene	2,700	25	50.00	07/26/08	EPA 8021B
m,p-Xylenes	7,000	25	50.00	07/26/08	EPA 8021B
o-Xylene	2,800	25	50.00	07/26/08	EPA 8021B

Surrogate	%REC	Limits	Diln Fac	Analyzed	Analysis
Trifluorotoluene (FID)	112	69-140	50.00	07/26/08	EPA 8015B
Bromofluorobenzene (FID)	110	73-144	50.00	07/26/08	EPA 8015B
Trifluorotoluene (PID)	87	60-146	50.00	07/26/08	EPA 8021B
Bromofluorobenzene (PID)	98	65-143	50.00	07/26/08	EPA 8021B

C= Presence confirmed, but RPD between columns exceeds 40%
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	204835	Location:	Former Sheaff's Garage
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	7335		
Matrix:	Water	Sampled:	07/22/08
Units:	ug/L	Received:	07/23/08

Field ID:	MW-2	Diln Fac:	5.000
Type:	SAMPLE	Batch#:	140729
Lab ID:	204835-003	Analyzed:	07/25/08

Analyte	Result	RL	Analysis
Gasoline C7-C12	16,000	250	EPA 8015B
MTBE	100 C	10	EPA 8021B
Benzene	1,900	2.5	EPA 8021B
Toluene	98	2.5	EPA 8021B
Ethylbenzene	1,600	2.5	EPA 8021B
m,p-Xylenes	700	2.5	EPA 8021B
o-Xylene	41	2.5	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	140	69-140	EPA 8015B
Bromofluorobenzene (FID)	117	73-144	EPA 8015B
Trifluorotoluene (PID)	106	60-146	EPA 8021B
Bromofluorobenzene (PID)	100	65-143	EPA 8021B

Field ID:	MW-3	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	140827
Lab ID:	204835-004	Analyzed:	07/29/08

Analyte	Result	RL	Analysis
Gasoline C7-C12	2,400	50	EPA 8015B
MTBE	53 C	2.0	EPA 8021B
Benzene	140	0.50	EPA 8021B
Toluene	13	0.50	EPA 8021B
Ethylbenzene	26	0.50	EPA 8021B
m,p-Xylenes	16	0.50	EPA 8021B
o-Xylene	2.5	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	118	69-140	EPA 8015B
Bromofluorobenzene (FID)	119	73-144	EPA 8015B
Trifluorotoluene (PID)	113	60-146	EPA 8021B
Bromofluorobenzene (PID)	115	65-143	EPA 8021B

C= Presence confirmed, but RPD between columns exceeds 40%
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	204835	Location:	Former Sheaff's Garage
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	7335		
Matrix:	Water	Sampled:	07/22/08
Units:	ug/L	Received:	07/23/08

Type: BLANK
Lab ID: QC452615
Diln Fac: 1.000

Batch#: 140729
Analyzed: 07/25/08

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
MTBE	ND	2.0	EPA 8021B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	101	69-140	EPA 8015B
Bromofluorobenzene (FID)	110	73-144	EPA 8015B
Trifluorotoluene (PID)	81	60-146	EPA 8021B
Bromofluorobenzene (PID)	94	65-143	EPA 8021B

Type: BLANK
Lab ID: QC453026
Diln Fac: 1.000

Batch#: 140827
Analyzed: 07/29/08

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
MTBE	ND	2.0	EPA 8021B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	96	69-140	EPA 8015B
Bromofluorobenzene (FID)	111	73-144	EPA 8015B
Trifluorotoluene (PID)	95	60-146	EPA 8021B
Bromofluorobenzene (PID)	112	65-143	EPA 8021B

C= Presence confirmed, but RPD between columns exceeds 40%
ND= Not Detected
RL= Reporting Limit

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	204835	Location:	Former Sheaff's Garage
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	7335	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC452616	Batch#:	140729
Matrix:	Water	Analyzed:	07/25/08
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	1,041	104	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	120	69-140
Bromofluorobenzene (FID)	112	73-144

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	204835	Location:	Former Sheaff's Garage
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	7335	Analysis:	EPA 8021B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC452617	Batch#:	140729
Matrix:	Water	Analyzed:	07/25/08
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
MTBE	10.00	9.495	95	70-129
Benzene	10.00	8.876	89	80-120
Toluene	10.00	9.376	94	80-120
Ethylbenzene	10.00	9.734	97	80-120
m,p-Xylenes	10.00	9.560	96	80-120
o-Xylene	10.00	9.709	97	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	82	60-146
Bromofluorobenzene (PID)	91	65-143

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	204835	Location:	Former Sheaff's Garage
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	7335	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	140729
MSS Lab ID:	204855-007	Sampled:	07/23/08
Matrix:	Water	Received:	07/24/08
Units:	ug/L	Analyzed:	07/25/08
Diln Fac:	1.000		

Type: MS Lab ID: QC452618

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	17.78	2,000	1,890	94	67-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	130	69-140
Bromofluorobenzene (FID)	119	73-144

Type: MSD Lab ID: QC452619

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,852	92	67-120	2	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	129	69-140
Bromofluorobenzene (FID)	116	73-144

RPD= Relative Percent Difference

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	204835	Location:	Former Sheaff's Garage
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	7335	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC453027	Batch#:	140827
Matrix:	Water	Analyzed:	07/29/08
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	895.9	90	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	114	69-140
Bromofluorobenzene (FID)	113	73-144

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	204835	Location:	Former Sheaff's Garage
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	7335	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	140827
MSS Lab ID:	204930-016	Sampled:	07/25/08
Matrix:	Water	Received:	07/28/08
Units:	ug/L	Analyzed:	07/29/08
Diln Fac:	1.000		

Type: MS Lab ID: QC453029

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	19.44	2,000	1,668	82	67-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	113	69-140
Bromofluorobenzene (FID)	121	73-144

Type: MSD Lab ID: QC453030

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,693	84	67-120	1	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	112	69-140
Bromofluorobenzene (FID)	120	73-144

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	204835	Location:	Former Sheaff's Garage
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	7335	Analysis:	EPA 8021B
Matrix:	Water	Batch#:	140827
Units:	ug/L	Analyzed:	07/29/08
Diln Fac:	1.000		

Type: BS Lab ID: QC453183

Analyte	Spiked	Result	%REC	Limits
MTBE	10.00	10.31	103	70-129
Benzene	10.00	9.377	94	80-120
Toluene	10.00	9.443	94	80-120
Ethylbenzene	10.00	9.288	93	80-120
m,p-Xylenes	10.00	9.014	90	80-120
o-Xylene	10.00	8.637	86	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	85	60-146
Bromofluorobenzene (PID)	97	65-143

Type: BSD Lab ID: QC453184

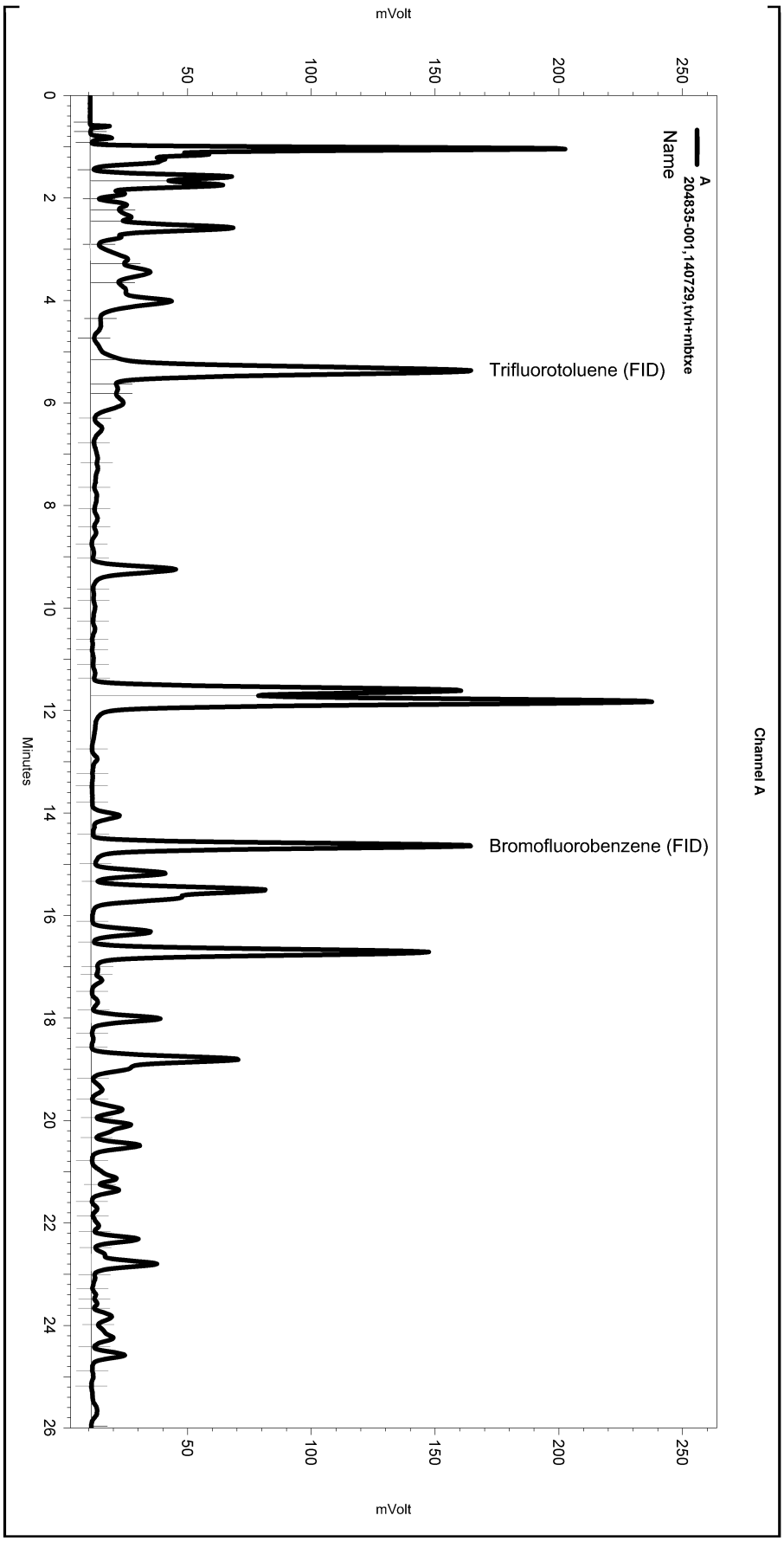
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	20.00	21.40	107	70-129	4	21
Benzene	20.00	21.02	105	80-120	11	20
Toluene	20.00	20.49	102	80-120	8	20
Ethylbenzene	20.00	20.40	102	80-120	9	20
m,p-Xylenes	20.00	20.07	100	80-120	11	20
o-Xylene	20.00	19.29	96	80-120	11	20

Surrogate	%REC	Limits
Trifluorotoluene (PID)	93	60-146
Bromofluorobenzene (PID)	113	65-143

RPD= Relative Percent Difference

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\207.seq**
Sample Name: **204835-001,140729,tvh+mbtxe**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\207_008**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe176.met

Software Version 3.1.7
Run Date: 7/25/2008 1:01:19 PM
Analysis Date: 7/26/2008 7:21:51 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: b1.3



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No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

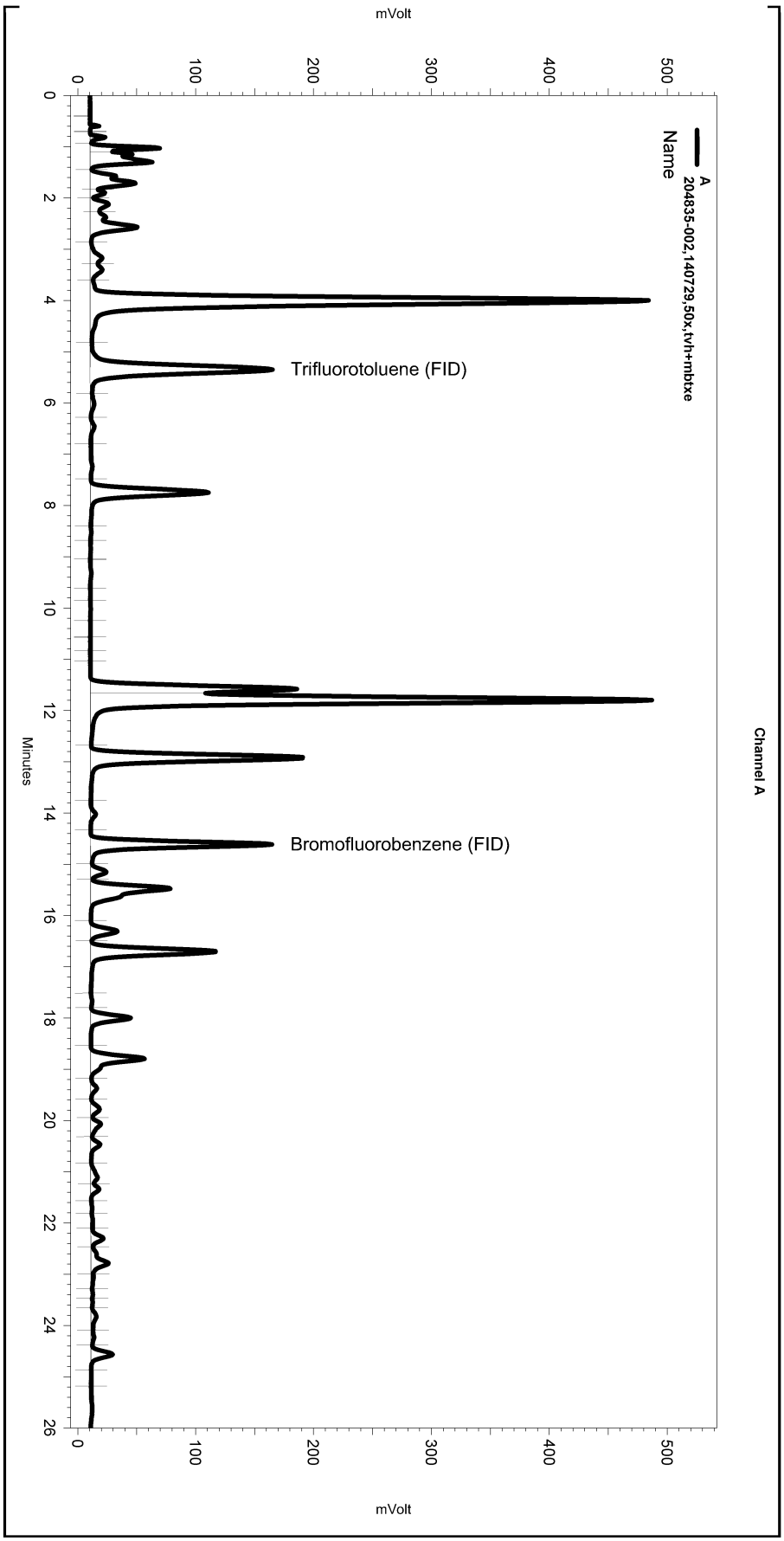
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\207_008

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	5.144	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\207.seq**
Sample Name: **204835-002,140729,50x,tvh+mbtxe**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\207_044**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe176.met

Software Version 3.1.7
Run Date: 7/26/2008 2:54:21 PM
Analysis Date: 7/27/2008 9:02:22 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: {Data Description}



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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

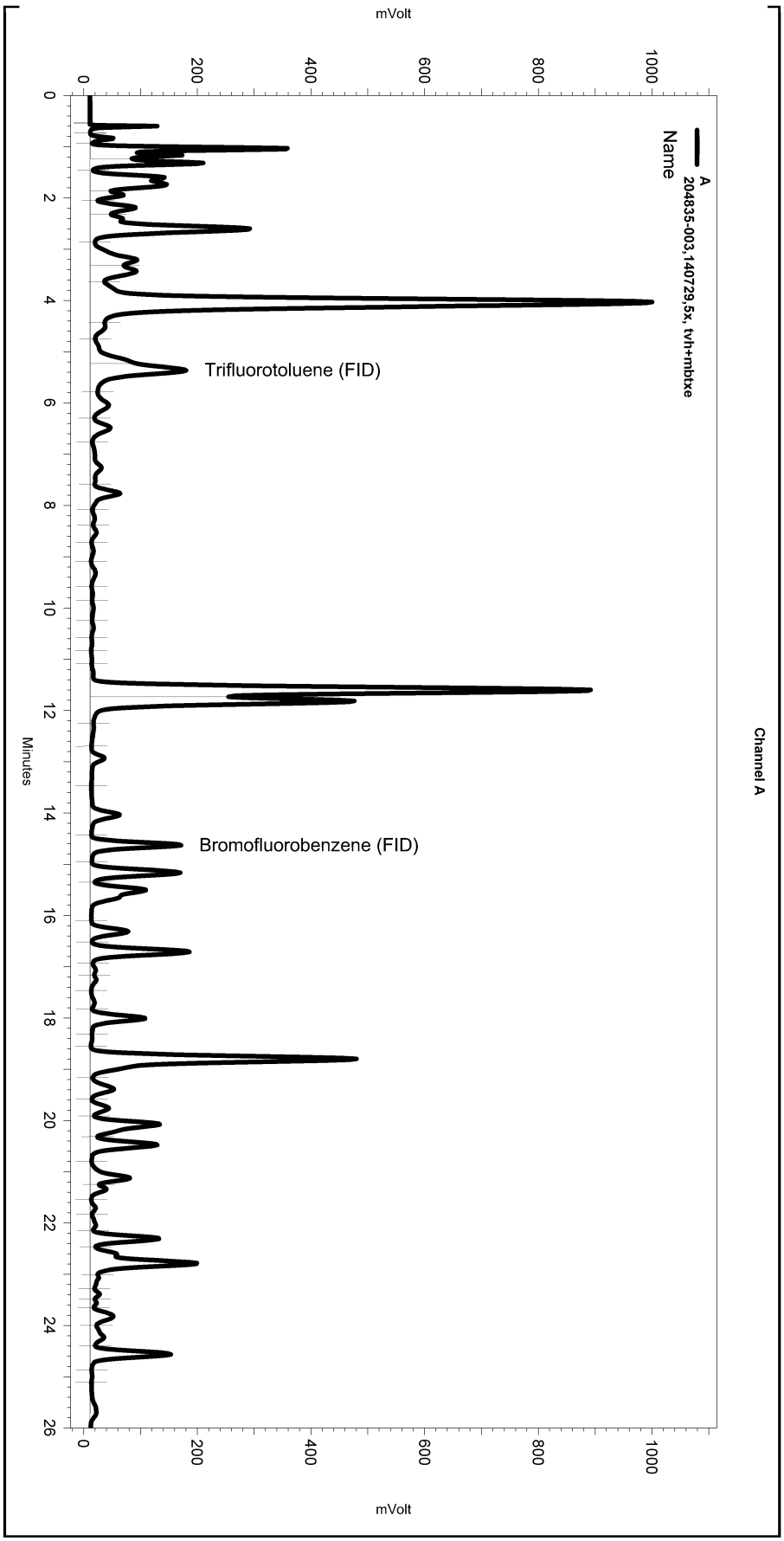
Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\207_044

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value

None

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\207.seq**
Sample Name: **204835-003,140729,5x, tvh+mbtxe**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\207_011**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe176.met

Software Version 3.1.7
Run Date: 7/25/2008 2:51:50 PM
Analysis Date: 7/26/2008 3:13:33 PM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: b1.3



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No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

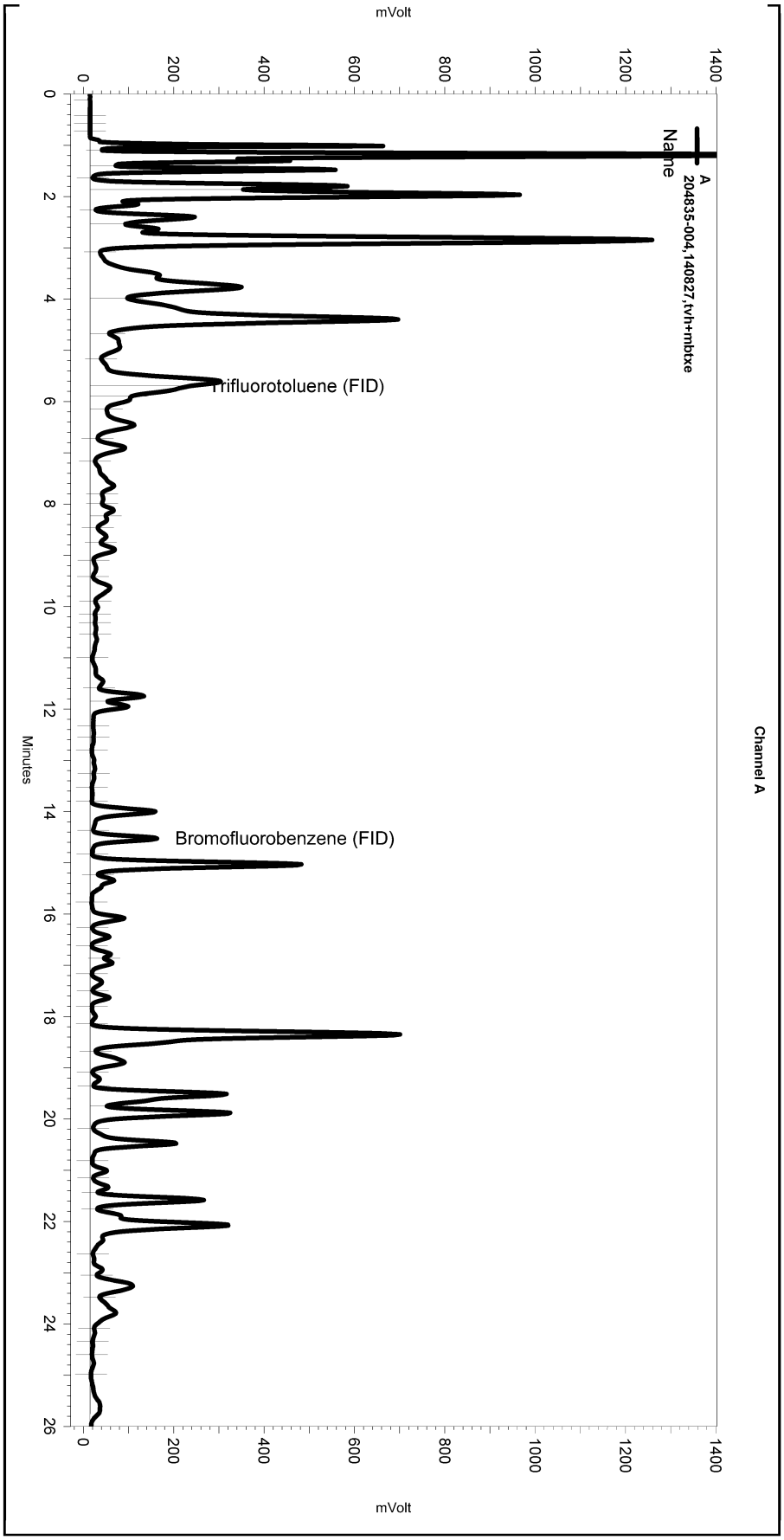
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\207_011

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	5.23	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\211.seq**
Sample Name: **204835-004,140827,tvh+mbtxe**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\211_007**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe184.met

Software Version 3.1.7
Run Date: 7/29/2008 11:42:02 AM
Analysis Date: 7/30/2008 12:25:15 PM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: a1.3



---< General Method Parameters >---

No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

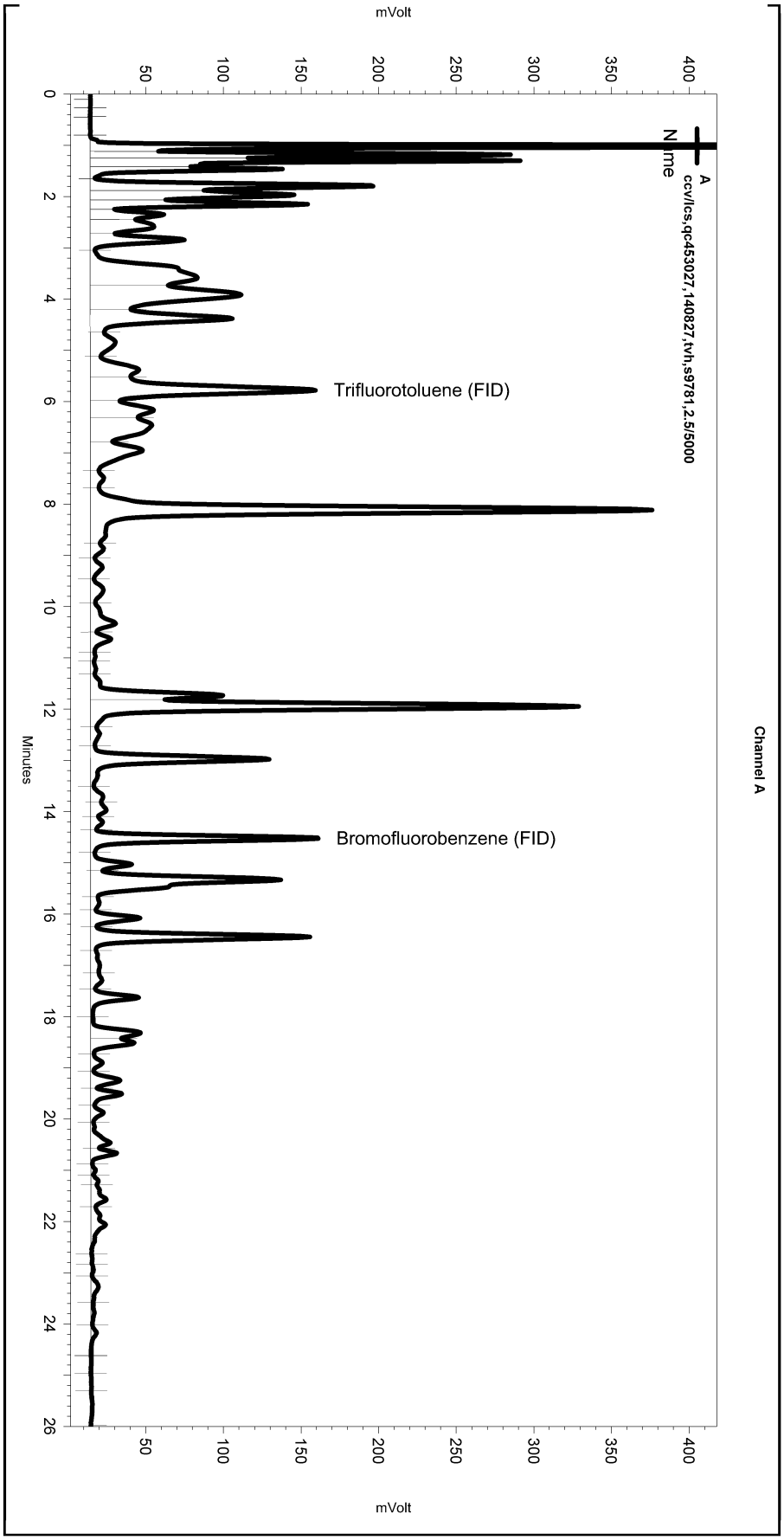
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\211_007

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0.586	26.017	0
Yes	Split Peak	5.699	0	0
Yes	Split Peak	5.896	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\211.seq**
Sample Name: **ccv/lcs,qc453027,140827,tvh,s9781,2.5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\211_004**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe184.met

Software Version 3.1.7
Run Date: 7/29/2008 9:18:08 AM
Analysis Date: 7/29/2008 12:52:34 PM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: {Data Description}



---< General Method Parameters >---

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\211_004

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value

None

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 #: 204835

Sampler: E. DIAZ

Project No.: 7335

Report To: BRENT WHEELER

Project Name: FORMER Sheriff's GARAGE

Company: GGTR

Project P.O.:

Telephone: 415-512-1555

Turnaround Time:

Fax: 415-512-0964

GLOBAL ID: T0600101112

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Water	Waste	# of Containers	Preservative: HCL	H_2SO_4	HNO_3	ICE	Analysis: BTEX & MTBE 8021	TPH-G 8015
1	PW-1	7/22/08 0935		V		3	V				X	X
2	MW-1	1330		V		3	V				X	X
3	MW-2	1218		V		3	V				X	X
4	MW-3	1100		V		3	V				X	X

Notes: Please Provide a PDF and EDF REPORT

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

RELINQUISHED BY:
EUGENIO DIAZ DATE / TIME
DATE / TIME
DATE / TIME

RECEIVED BY:
DATE / TIME 7/23/08 1241
DATE / TIME
DATE / TIME

SIGNATURE

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 204835 Date Received 7/23/08 Number of coolers 1
Client GGTR Project Former Sh

Date Opened 7/23 By (print) K Wellbrock (sign) K Wellbrock
Date Logged in 7-23-08 By (print) F Nichols (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. If required, was sufficient ice used? Samples should be < or = 6°C ..... YES NO N/A
Type of ice used: ☒ Wet ☐ Blue ☐ 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

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:	**GWM_R**
Submittal Title:	**204835- 3Q08 Groundwater Analytical Results (7-22-08)**
Facility Global ID:	**T0600102112**
Facility Name:	**SHEAFFS SERVICE GARAGE**
File Name:	**3Q08 GWM_204835_EDF.zip**
Organization Name:	**Golden Gate Tank Removal**
Username:	**GGTR**
IP Address:	**75.55.192.158**
Submittal Date/Time:	**10/17/2008 7:18:28 AM**
Confirmation Number:	**5605834066**

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:	**Groundwater Levels - 3Q08 (7-22-08)**
Facility Global ID:	**T0600102112**
Facility Name:	**SHEAFFS SERVICE GARAGE**
File Name:	**GEO_WELL.zip**
Organization Name:	**Golden Gate Tank Removal**
Username:	**GGTR**
IP Address:	**75.55.192.158**
Submittal Date/Time:	**10/17/2008 7:19:45 AM**
Confirmation Number:	**3824675619**