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10:20 am, Jun 13, 2008

Alameda County
Environmental Health

February 1, 2008

Mr. Steven Plunkett
Hazardous Materials Specialist
Alameda County Health Agency
Division of Environmental Protection
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

SUBJECT: FOURTH QUARTER 2007 GROUNDWATER MONITORING REPORT

SITE: FORMER OLYMPIAN SERVICE STATION
1435 WEBSTER STREET
ALAMEDA, CALIFORNIA 94501
FLC # RO0000193

Dear Mr. Plunkett:

On behalf of Olympian JV, TEC Accutite is pleased to submit this fourth quarter 2007 groundwater monitoring report for the above referenced site.

Thank you for your cooperation and assistance on this project. If you have any questions or concerns, please call Marc Mullaney at (650) 616-1209.

Sincerely,
TEC Accutite

Abby Harris
Environmental Scientist

cc: Mr. Fred Bertetta c/o Ms. Janet Heikel, Olympian, 1300 Industrial Road, Suite 2, San Carlos, California 94070
Mr. Jeff Farrar, P.O. Box 1701, Chico, California 95927
Mr. and Mrs. Charles A. & Ose M. Begley, 2592 Pine View Dr., Fortuna, California 95540

**FOURTH QUARTER 2007
GROUNDWATER MONITORING REPORT**

**FORMER OLYMPIAN SERVICE STATION
1435 WEBSTER STREET
ALAMEDA, CALIFORNIA 94501**

PREPARED FOR:

**OLYMPIAN JV
AND
ALAMEDA COUNTY HEALTH AGENCY**

SAMPLING DATE:

DECEMBER 19, 2007

REPORT DATE:

FEBRUARY 1, 2008



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- A WELL SAMPLING LOGS**
- B LABORATORY REPORT AND CHAIN-OF-CUSTODY DOCUMENTATION**
- C GEOTRACKER SUBMISSION CONFIRMATIONS**



1.0 INTRODUCTION

On behalf of Olympian JV, TEC Accutite conducted the fourth quarter 2007 groundwater monitoring event at the former Olympian Service Station, located at 1435 Webster Street, Alameda, California. This event represents the fourth sampling event following the completion of soil excavation activities during February 2007. Presented herein are the site environmental background and results of the current groundwater monitoring event.

2.0 SITE DESCRIPTION

The site is located on the corner of Webster Street and Taylor Avenue in Alameda, California. Prior to 1989, the site was occupied by an Olympian Service Station. The former station facilities consisted of two 10,000-gallon gasoline and one 7,500-gallon diesel underground storage tanks (USTs), two dispenser islands, and a 500-gallon waste oil UST. A Vicinity Map and a Site Map are presented as Figures 1 and 2, respectively.

The surrounding topography is flat and the site is approximately 20 feet above mean sea level. The site is situated in a mixed commercial and residential area and is currently leased by the City of Alameda and used as a metered parking lot.

3.0 ENVIRONMENTAL BACKGROUND

A historical timeline of relevant activities at the subject site is presented in Section 3.1; a summary of the current site condition, including the monitoring well network and general chemical of concern (COC) distribution, is presented in Section 3.2

3.1 Site Timeline

- October 1988** Soil gas analysis performed on site reveals high soil gas readings.
- September 1989** Two 10,000-gallon gasoline USTs, one 7,500-gallon diesel UST and one 500-gallon waste oil UST removed by TEC Accutite; Petroleum hydrocarbons detected in soil beneath former tanks.
- January 1991** Approximately 950 cubic yards of soil were removed from the former location of the USTs; This soil was bioremediated onsite and returned to the former excavation.
- January 1993** Three monitoring wells installed onsite (MW-1 through MW-3); No petroleum hydrocarbons detected in soil.
- February 1999** Four soil borings advanced on- and offsite (B-1 through B-4); Petroleum hydrocarbon concentrations detected in soil and groundwater.
- December 1999** Three monitoring wells, installed onsite (MW-4 through MW-6); Petroleum hydrocarbons detected in soil.
- November 2000** Site conceptual model (SCM) completed; Potential for benzene vapor-phase migration from hydrocarbon affected groundwater to indoor and ambient air identified as an exposure pathway requiring further evaluation.



- June 2001** Four soil borings advanced (B-1 through B-4 (second set of B-1 through B-4)); No petroleum hydrocarbons detected in soil; Petroleum hydrocarbons detected in groundwater.
- February 2002** Site-specific risk assessment performed; Compounds of concern identified as TPHg and benzene.
- May 2003** Eight soil vapor probes advanced onsite (SV-1 through SV-7); Petroleum hydrocarbons detected below their respective Environmental Screening Levels (ESLs).
- September 2005** Site conceptual model updated; Uncertainties determined with onsite benzene vapor concentrations and offsite groundwater conditions.
- June 2006** Eight soil borings advanced (SP-1 through SP-8); Petroleum hydrocarbons detected in soil above constituent ESLs.
- November 2006** Seventeen soil borings advanced (CB-1 through CB-17) to determine excavation limits; Petroleum hydrocarbons detected at concentrations below ESLs and/or laboratory detection limits at depths shallower than 8 feet bsg; Onsite soils classified as SP to SP-SM, as determined by Geophysical analysis.
- December 2006** Five soil borings advanced (DB-1 through DB-5); Onsite soils classified as Class II waste; Monitoring wells MW-1 and MW-5 abandoned by pressure grouting.
- February 2007** Interim remedial action conducted; 992.54 tons of soil excavated from site and properly disposed; 15,000 gallons of groundwater pumped from open excavation pit, sediment and carbon-filtered, and discharged to sewer under permit.
- March 2007** Two monitoring wells installed onsite (MW-7 and MW-8).
- July 2007** Thirteen off-site soil borings advanced (B-6 through B-18); off-site plume defined in all directions except crossgradient to the northeast.

3.2 Site Condition

The site currently has six monitoring wells in its network (MW-2 through MW-4 and MW-6 through MW-8). Locations of site monitoring wells are presented in Figure 2. Chemicals of concern (COCs) for the site include petroleum hydrocarbons as gasoline (TPHg), BTEX compounds, and MTBE. The source area was the former USTs, which have since been removed. TEC Accutite continues to monitor all active groundwater monitoring wells associated with the site on a quarterly basis in preparation for applying for site closure.

4.0 GROUNDWATER MONITORING

TEC Accutite conducted groundwater monitoring on December 19, 2007. Well sampling logs from this groundwater sampling event are presented as Attachment A.



4.1 Sampling Methods

Upon arrival to the site, a TEC Accutite technician uncapped all site groundwater monitoring wells and allowed the water level in each well to fully equilibrate prior to measuring the depth to water. Following well gauging, approximately three casing volumes of groundwater were purged from wells MW-2 through MW-4 and MW-6 through MW-8 (all active wells). Following well purging, water levels in each well were allowed to recover to 80% of the pre-purge level prior to collection of groundwater samples. Following purging and recovery, groundwater samples were collected from each well with a disposable bailer and transferred into laboratory supplied HCl-preserved volatile organic analysis vials (VOAs). The samples were labeled, stored in an ice chest with sufficient ice, and delivered to *Torrent Laboratory, Inc.*, a California State Certified laboratory, under chain-of-custody documentation for analysis.

All groundwater samples were analyzed for TPHg, BTEX, fuel oxygenates, and lead scavengers by EPA Method 8260. The laboratory analytical report and chain-of-custody documentation are presented in Attachment B.

4.2 Electronic Laboratory Data Submittal

The laboratory report was converted into EDF format and uploaded to GeoTracker, the web-based geospatial database of California. Depths to groundwater were uploaded to GeoTracker as a GEO_WELL file. Attachment C contains hard copies of the GeoTracker submission confirmations.

5.0 RESULTS

5.1 Groundwater Elevation and Flow Direction

The calculated groundwater flow direction based on groundwater elevation is toward the south-southwest at a gradient of approximately 0.003 feet/foot (ft/ft). Groundwater monitoring well MW-7 was excluded from the calculations of the groundwater contours, flow direction, and hydraulic gradient because it is located in a former excavation pit and it does not match the existing gradient. Groundwater elevations are presented in Table 1 and Figure 3.

5.2 Petroleum Hydrocarbons in Groundwater

For this monitoring event, the highest concentrations of dissolved-phase petroleum hydrocarbons and fuel oxygenates were detected in groundwater monitoring well MW-8 (14,100 µg/L total petroleum hydrocarbons (TPHg), 426 µg/L benzene, 115 µg/L ethylbenzene, 22.4 µg/L xylenes, 12,700 µg/L methyl-tert-butyl ether (MTBE), 25.0 µg/L di-isopropyl ether (DIPE), 864 µg/L tert-butyl alcohol (TBA), and 289 µg/L 1,2-dichloroethane (1,2-DCA)).

While concentrations of TPHg above environmental screening limits (ESLs) were not detected in any other groundwater monitoring wells, elevated levels of contaminants of concern were also detected in groundwater monitoring wells MW-4 (63 µg/L TPHg, 2.20 µg/L MTBE, and 0.590 µg/L 1,2-DCA) and MW-7 (54 µg/L TPHg, 11.4 µg/L MTBE and 1.09 µg/L 1,2-DCA).

While no dissolved phase petroleum hydrocarbons were detected in groundwater monitoring well MW-2, elevated concentrations of fuel oxygenates were present (22.9 µg/L MTBE and 0.840 µg/L 1,2-DCA).

No dissolved-phase petroleum hydrocarbons or fuel oxygenates were detected at or above respective laboratory reporting limits in remaining groundwater monitoring wells MW-3 and MW-6. Groundwater analytical results are summarized in Table 2 and Figure 4.



6.0 CONCLUSIONS AND RECOMMENDATIONS

- For this groundwater monitoring event, groundwater flow appears to be to the south-southwest at a gradient of approximately 0.003 ft/ft. This is consistent with the third quarter of 2007, which was to the south-southwest at approximately 0.003 ft/ft.
- Concentrations of dissolved-phase petroleum hydrocarbons and fuel oxygenates were detected above respective ESLs in groundwater monitoring well MW-8, located approximately 5 feet south-southwest of former groundwater monitoring well MW-1. Concentrations of petroleum hydrocarbons and fuel oxygenates are within the historical range of former well MW-1, and concentrations of petroleum hydrocarbons appear to be decreasing.
- Concentrations of fuel oxygenates MTBE and 1,2-DCA were detected above respective ESLs in groundwater monitoring well MW-7, located approximately 10 feet southwest of former groundwater monitoring well MW-5. Concentrations of petroleum hydrocarbons and fuel oxygenates are within the historic range of former well MW-5 and appear to be decreasing.
- Fuel oxygenates MTBE and 1,2-DCA were detected at concentrations above the respective ESLs in monitoring well MW-2, but within historical range.
- No dissolved-phase petroleum hydrocarbons or fuel oxygenates were detected at or above respective laboratory reporting limits in groundwater monitoring wells MW-3 or MW-6.
- TEC Accutite proposes to advance a minimum of two additional soil borings to define the lateral extent of the petroleum hydrocarbon impact to soil and groundwater crossgradient of the site to the northeast, detailed in the *Additional Site Characterization Report* dated September 7, 2007.
- TEC Accutite will continue to monitor all active wells associated with the site on a quarterly basis in preparation for applying for site closure after completion of the site delineation.

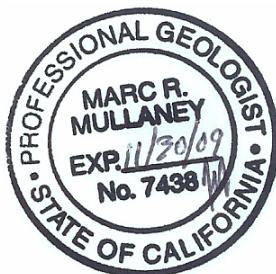
7.0 LIMITATIONS

Our services consist of professional opinions, conclusions, and recommendations made today in accordance with generally accepted engineering principles and practices. This warranty is in lieu of all other warranties either expressed or implied. TEC Accutite's liability is limited to the dollar amount of the work performed.

Thank you for your cooperation and assistance with this project. If you have any questions or concerns, please contact the undersigned at (650) 616-1200.

Sincerely,
TEC Accutite

Reviewed by:





Abby Harris
Environmental Scientist

Marc Mullaney, PG # 7438
Project Manager



TABLES



Table 1
Summary of Historical Groundwater Elevation Data
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	TOC Elevation (ft msl)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft msl)
MW-1		6/3/1993	(1)	
	19.53	9/14/1994	11.46	8.07
		12/30/1994	9.22	10.31
		3/26/1995	6.76	12.77
		7/9/1995	8.92	10.61
		7/31/1998	8.30	11.23
		2/11/1999	7.91	11.62
		6/23/1999	9.03	10.50
		12/6/1999	10.86	8.67
		3/16/2000	6.93	12.60
		6/13/2000	8.73	10.80
		9/29/2000	10.18	9.35
		3/22/2001	8.24	11.29
		6/25/2001	9.73	9.80
		9/28/2001	11.06	8.47
		12/26/2001	8.11	11.42
		07/07/05	8.69	10.84
		10/19/2005	10.25	9.28
		1/13/2006	7.09	12.44
		5/5/2006	6.40	13.13
		7/19/2006	8.28	11.25
		10/5/2006	9.67	9.86
		*****Abandoned 12/27/2006*****		
MW-2	19.8	6/3/1993	9.54	10.26
		9/14/1994	11.82	7.98
		12/30/1994	9.46	10.34
		3/26/1995	6.82	12.98
		7/9/1995	9.22	10.58
		7/31/1998	8.56	11.24
		2/11/1999	8.12	11.68
		6/23/1999	9.33	10.47
		12/6/1999	11.20	8.60
		3/16/2000	6.88	12.92
		6/13/2000	8.99	10.81
		9/29/2000	10.40	9.40
		3/22/2001	8.46	11.34
		6/25/2001	10.11	9.69
		9/28/2001	11.40	8.40
		12/26/2001	8.28	11.52
		7/7/2005	8.99	10.81
		10/19/2005	10.63	9.17
		1/13/2006	7.15	12.65
		5/5/2006	6.43	13.37
		7/19/2006	8.57	11.23
		10/5/2006	10.05	9.75
		3/29/2007	8.83	10.97
		6/27/2007	9.86	9.94
		9/19/2007	10.89	8.91
		12/19/2007	10.78	9.02

Table 1
Summary of Historical Groundwater Elevation Data
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	TOC Elevation (ft msl)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft msl)
MW-3	19.79	6/3/1993	9.80	9.99
		9/14/1994	12.19	7.60
		12/30/1994	9.72	10.07
		3/26/1995	6.88	12.91
		7/9/1995	9.52	10.27
		7/31/1998	8.40	11.39
		2/11/1999	7.77	12.02
		6/23/1999	9.21	10.58
		12/6/1999	11.12	8.67
		3/16/2000	6.48	13.31
		6/13/2000	8.76	11.03
		9/29/2000	10.20	9.59
		3/22/2001	8.24	11.55
		6/25/2001	10.04	9.75
		9/28/2001	11.34	8.45
		12/26/2001	8.01	11.78
		7/7/2005	8.84	10.95
		10/19/2005	10.58	9.21
MW-4	19.3	1/13/2006	6.85	12.94
		5/5/2006	6.11	13.68
		7/19/2006	8.41	11.38
		10/5/2006	10.02	9.77
		3/29/2007	9.71	10.08
		6/27/2007	9.82	9.97
		9/19/2007	10.88	8.91
		12/19/2007	10.68	9.11
		12/6/1999	10.79	8.51
		3/16/2000	6.86	12.44
		6/13/2000	8.18	11.12
		9/29/2000	10.11	9.19
		4/5/2001	8.26	11.04
		6/25/2001	9.68	9.62
		9/28/2001	10.98	8.32
		12/26/2001	8.18	11.12
		7/7/2005	8.77	10.53
		10/19/2005	10.24	9.06
		1/13/2006	(1)	(1)
		5/5/2006	(1)	(1)
		7/19/2006	8.38	10.92
		10/5/2006	9.65	9.65
		3/29/2007	8.55	10.75
		6/27/2007	9.40	9.90
		9/19/2007	10.45	8.85
		12/19/2007	10.35	8.95

Table 1
Summary of Historical Groundwater Elevation Data
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	TOC Elevation (ft msl)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft msl)	
MW-5	18.99	12/6/1999	10.17	8.82	
		3/16/2000	6.28	12.71	
		6/13/2000	7.95	11.04	
		9/29/2000	9.54	9.45	
		3/22/2001	7.48	11.51	
		6/25/2001	9.05	9.94	
		9/28/2001	10.39	8.60	
		12/26/2001	7.28	11.71	
		8/24/2005	7.87	11.12	
		10/19/2005	9.51	9.48	
		1/13/2006	6.35	12.64	
		5/5/2006	5.64	13.35	
		7/19/2006	7.41	11.58	
		10/5/2006	8.89	10.10	
*****Abandoned 12/27/2006*****					
MW-6	20.27	12/6/1999	11.46	8.81	
		3/16/2000	8.32	11.95	
		6/13/2000	9.14	11.13	
		9/29/2000	10.81	9.46	
		3/22/2001	8.64	11.63	
		6/25/2001	10.39	9.88	
		9/28/2001	11.70	8.57	
		12/26/2001	8.40	11.87	
		7/7/2005	9.10	11.17	
		10/19/2005	10.88	9.39	
		1/13/2006	7.33	12.94	
		5/5/2006	6.53	13.74	
		7/19/2006	8.64	11.63	
		10/5/2006	10.29	9.98	
		3/29/2007	9.01	11.26	
		6/27/2007	10.14	10.13	
		9/19/2007	11.17	9.10	
		12/19/2007	10.99	9.28	
MW-7	18.93	3/29/2007	7.90	11.03	
		6/27/2007	8.87	10.06	
		9/19/2007	9.88	9.05	
		12/19/2007	9.72	9.21	
MW-8	19.33	3/29/2007	8.40	10.93	
		6/27/2007	9.33	10.00	
		9/19/2007	10.31	9.02	
		12/19/2007	10.23	9.10	
Notes:					
TOC = Top of Casing					
ft msl = Feet referenced to mean sea level					
--- = Not Available					
(1) = Well not accessible due to obstruction by a parked car					
yellow row = most recent data					



Table 2
Summary of Groundwater Monitoring Analytical Results
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	Sample Date	TPHd	TPHg	B	T	E	X	MTBE	TRPH	DIPE	TBA	1,2-DCA
		100	100	1.0	40	30	20	5.0	---	---	---	0.5
*****Well Abandoned 12/27/2006*****												
ESL												
MW-1	6/3/1993	---	---	---	---	---	---	---	---	---	---	---
	9/14/1994	<50	14,000	44	28	25	50	---	800	---	---	---
	12/30/1994	<50	4,000	12	9	6.8	30	---	<500	---	---	---
	3/26/1995	<50	1,000	21	10	7.1	25	---	2,100	---	---	---
	7/9/1995	<50	16,000	57	28	25	53	---	---	---	---	---
	7/31/1998	1,700	4,700	1,300	48	140	150	6,600	<5000	---	---	---
	2/11/1999	2000	25,000	18,000	1,600	1,400	500	28,000	---	---	---	---
	6/23/1999	4,900	42,000	11,000	1,100	1,500	2,300	15,000	---	---	---	---
	12/6/1999	4,000	44,000	8,900	3,400	1,900	5,100	11,000	---	---	---	---
	3/16/2000	700	5,100	2,400	100	280	460	2,700 ²	---	---	---	---
	6/13/2000	2,800	17,000	5,300	260	720	790	7,000 ²	---	---	---	---
	9/29/2000	5,200 ¹	50,000	11,000	2,900	1,900	4,600	7,200 ²	---	---	---	---
	3/22/2001	1,500 ¹	8,600	2,600	750	250	950	3,200 ²	---	---	---	---
	6/25/2001	---	18,000	1,200	1,800	970	3,200	1500 ²	---	---	---	---
	9/28/2001	---	48,000	5,200	6100	2200	8100	4000	---	---	---	---
	12/26/2001	---	524	216	1.2	8.6	7.4	721	---	---	---	---
	7/7/2005	---	1,500	190	15	36	29	1,100	---	<20	---	50
	10/19/2005	---	11,000	2,100	45	370	82	4,600	---	<250	<500	200
	1/13/2006	---	5,400	680	37	83	41	3,900	---	<250	<500	180
	5/5/2006	---	<25	2	<0.5	<0.5	<0.5	2.2	---	<5.0	<10	<0.5
	7/19/2006	---	5,000	836	22.3	107	81.8	1,130	---	<4.2	<84	54.1
	10/5/2006	---	23,000	3,740	112	395	161	6,020	---	13.5	546	219
*****Well Abandoned 12/27/2006*****												
MW-2	6/3/1993	<50	<50	5.8	<0.5	<0.5	<0.5	---	<500	---	---	---
	9/14/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	12/30/1994	<50	160	1.4	1.4	0.8	5	---	<500	---	---	---
	3/26/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	7/9/1995	---	---	---	---	---	---	---	---	---	---	---
	7/31/1998	220	<50	<0.5	<0.5	<0.5	<0.5	73	<500	---	---	---
	2/11/1999	<50	<50	<0.5	<0.5	<0.5	<0.5	75	---	---	---	---
	6/23/1999	420	<50	<0.5	<0.5	<0.5	<0.5	96	---	---	---	---
	12/6/1999	<110	300	28	45	6	37	210	---	---	---	---
	3/16/2000	<50	<50	1	<0.5	0.5	1	3	---	---	---	---
	6/13/2000	<50	68	0.8	<0.5	<0.5	<0.5	38	---	---	---	---
	9/29/2000	<50	67	0.8	0.5	<0.5	1	86 ²	---	---	---	---
	3/22/2001	<50	<50	1	0.5	<0.5	1	14	---	---	---	---
	6/25/2001	---	<50	<0.5	<0.5	<0.5	<1.0	13	---	---	---	---
	9/28/2001	---	300	4	6	3	10	130	---	---	---	---
	12/26/2001	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	---	---	---
	7/7/2005	---	<50	<0.5	<0.5	<0.5	<1.0	20	---	<1.0	---	1.1
	10/19/2005	---	29	1.4	<0.5 ³	<0.5	<0.5	19	---	<5.0	<10	0.95
	1/13/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	5/5/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	7/19/2006	---	<50	<0.5	<0.5	<0.5	<1.5	16.6	---	<0.5	<10	1.24
	10/5/2006	---	<50	<0.5	<0.5	<0.5	<1.5	11.9	---	<0.5	<10	0.750
	3/29/2007	---	<50	<0.5	<0.5	<0.5	<1.5	3.36	---	<0.5	<10	<0.5
	6/27/2007	---	<50	<0.5	<0.5	<0.5	<1.5	10.5	---	<0.5	<10	0.820
	9/19/2007	---	52 ⁴	<0.5	<0.5	<0.5	<1.5	18.1	---	<0.5	<10	0.710
	12/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	22.9	---	<0.5	<10	0.840

Table 2
Summary of Groundwater Monitoring Analytical Results
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	Sample Date	TPHd	TPHg	B	T	E	X	MTBE	TRPH	DIPE	TBA	1,2-DCA
		100	100	1.0	40	30	20	5.0	--	--	--	0.5
<i>ESL</i>												
MW-3	6/3/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	9/14/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	12/30/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	3/26/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	7/9/1995	---	---	---	---	---	---	---	---	---	---	---
	7/31/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5000	---	---	---
	2/11/1999	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	6/23/1999	<50	<50	<0.5	<0.5	<0.5	<0.5	3	---	---	---	---
	12/6/1999	<110	<50	3	1	<0.5	1	0.6	---	---	---	---
	3/16/2000	<50	<50	<0.5	<0.5	<0.5	<1.0	1	---	---	---	---
	6/13/2000	<50	490	0.8	<0.5	<0.5	9	2	---	---	---	---
	9/29/2000	<50	57	<0.5	<0.5	<0.5	<1.0	<1.0 ²	---	---	---	---
	3/22/2001	<50	<50	<0.5	<0.5	<0.5	<1.0	2	---	---	---	---
	6/25/2001	---	<50	<0.5	<0.5	<0.5	<1.0	0.8	---	---	---	---
	9/28/2001	---	91	<0.5	<0.5	<0.5	2	2	---	---	---	---
	12/26/2001	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	---	---	---
	7/7/2005	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	<1.0	---	<0.5
	10/19/2005	---	<25	<0.5	<0.5 ³	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	1/13/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	5/5/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	7/19/2006	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	10/5/2006	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	3/29/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	6/27/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	9/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	12/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
MW-4	12/6/1999	160	<50	3	2	0.6	4	140	---	---	---	---
	3/16/2000	90	<50	0.5	0.5	<0.5	2	34	---	---	---	---
	6/13/2000	<50	56	<0.5	<0.5	<0.5	<1.0	1	---	---	---	---
	9/29/2000	<50	92	0.7	<0.5	<0.5	3	<1.0 ²	---	---	---	---
	4/5/2001	<50	51	<0.5	0.5	<0.5	1	6.0 ²	---	---	---	---
	6/25/2001	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	---	---	---
	9/28/2001	---	<50	<0.5	<0.5	<0.5	2	2	---	---	---	---
	12/26/2001	---	<50	1.6	1.7	1.6	4.4	2.7	---	---	---	---
	7/7/2005	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	<1.0	---	<0.5
	10/19/2005	---	<25	<0.5	<0.5 ³	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	1/13/2006	---	63 ⁵	<0.5	<0.5	<0.5	<1.5	2.20	---	<0.5	<10	0.590
	5/5/2006	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	7/19/2006	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	10/5/2006	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	3/29/2007	---	<50	<0.5	<0.5	<0.5	<1.5	0.69	---	<0.5	<10	<0.5
	6/27/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	9/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	1.38	---	<0.5	<10	<0.5
	12/19/2007	---	63 ⁵	<0.5	<0.5	<0.5	<1.5	2.20	---	<0.5	<10	0.590
MW-5	12/6/1999	2,800	30,000	2,200	3,300	910	7000	670	---	---	---	---
	3/16/2000	1,100	3,500	1,100	260	210	6300	260	---	---	---	---
	6/13/2000	1,100	6,500	2200	360	360	730	480	---	---	---	---
	9/29/2000	700 ¹	3,900	990	120	300	340	390 ²	---	---	---	---
	3/22/2001	380 ¹	4,300	780	240	250	530	190	---	---	---	---
	6/25/2001	---	3,100	1000	110	200	320	140	---	---	---	---
	9/28/2001	---	3,000	1200	77	120	170	770	---	---	---	---
	12/26/2001	---	3,240	738	262	218	626	66.4	---	---	---	---
	8/24/2005	---	150	57	3	8	3.9	67	---	<1.0	18	3.0
	10/19/2005	---	560	130	3.8	23	9.3	230	---	<25	<50	11
	1/13/2006	---	2,300	570	18	120	140	220	---	<25	<50	14
	5/5/2006	---	130	35	1.7	7.8	7.4	8	---	<5.0	<10	0.55
	7/19/2006	---	210	102	1.54	15.8	3.85	27.6	---	<0.5	<10	2.06
	10/5/2006	---	410	105	1.06	9.05	2.24	101	---	0.640	11.3	6.65
<i>Well Abandoned 12/27/2006</i>												

Table 2

Summary of Groundwater Monitoring Analytical Results

Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	Sample Date	TPHd	TPHg	B	T	E	X	MTBE	TRPH	DIPE	TBA	1,2-DCA
		Concentrations in micrograms per liter ($\mu\text{g/L}$)										
<i>ESL</i>		100	100	1.0	40	30	20	5.0	---	---	---	0.5
MW-6	12/6/1999	110	<50	2	2	0.8	8	1	---	---	---	---
	3/16/2000	<50	<50	8	8	5	18	<0.5	---	---	---	---
	6/13/2000	<50	75	0.7	1	0.9	2	0.6	---	---	---	---
	9/29/2000	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	---	---	---
	3/22/2001	<50	66	0.5	<0.5	<0.5	<1.0	3	---	---	---	---
	6/25/2001	---	<50	<0.5	<0.5	<0.5	<1.0	4	---	---	---	---
	9/28/2001	---	63	2	ND	ND	1	3	---	---	---	---
	12/26/2001	---	<50	<0.5	<0.5	<0.5	1.4	<0.5	---	---	---	---
	7/7/2005	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	<1.0	---	<0.5
	10/19/2005	---	<25	<0.5	<0.5 ³	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	1/13/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	5/5/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	7/19/2006	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	10/5/2006	---	<50	<05	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	3/29/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	6/27/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	9/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	12/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
MW-7	3/29/2007	---	840	50.8	9.33	2.54	162	39.9	---	<0.5	<10	2.26
	6/27/2007	---	270	126	<0.5	7.11	<1.5	94.4	---	0.550	58.4	6.21
	9/19/2007	---	191⁴	0.5	<0.5	5.38	<1.5	49.6	---	<0.5	28.5	4.37
	12/19/2007	---	54⁴	<0.5	<0.5	<0.5	<1.5	11.4	---	<0.5	<10	1.09
MW-8	4/6/2007	---	27,000	2,460	1,520	210	1,810	16,000	---	24.3	1,050	459
	6/27/2007	---	20,000	2,460	382	611	1,040	7,310	---	11.1	3,400	319
	9/19/2007	---	20,400⁴	814	16.2	219	21.6	10,300	---	<4.40	7,080	194
	12/19/2007	---	14,100⁴	426	10.6	115	22.4	12,700	---	25.0	864	289

Notes:

TPHd = Total Petroleum Hydrocarbons as Diesel (EPA Method 8015)

TPHg = Total Petroleum Hydrocarbons as Gasoline by EPA Method 8015; July 2005 by EPA 8260

BTEX = Benzene, Toluene, Ethylbenzene, Xylenes by EPA Method 8020; July 2005 by EPA 8260

Fuel Additives = Methyl-tert-butyl ether (MTBE), Di-isopropyl ether (DIPE), tert-Butyl alcohol (TBA), 1,2-Dichloroethane (1,2-DCA), (EPA Method 8260B)

TRPH = Total Recoverable Petroleum Hydrocarbons

<X = Concentration less than laboratory reporting limit

--- = Not Analyzed

¹ = Does not match diesel chromatogram pattern

² = Confirmed by EPA Method 8260

³ = Toluene was detected at concentrations of 1 ppb in sample from well MW-2, 0.74 ppb in sample from well MW-3, 0.9 ppb in sample from well MW-4, and 0.66 ppb in sample from well MW-6. Data were adjusted to non-detect because of the presence of toluene (0.81 ppb) in method blank and the sample results were less than 5 times in the blank (EPA, Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses, December 1994).

⁴ = Does not match typical gasoline pattern; TPH Gasoline value is primarily due to individual peaks within gasoline quantitative range.

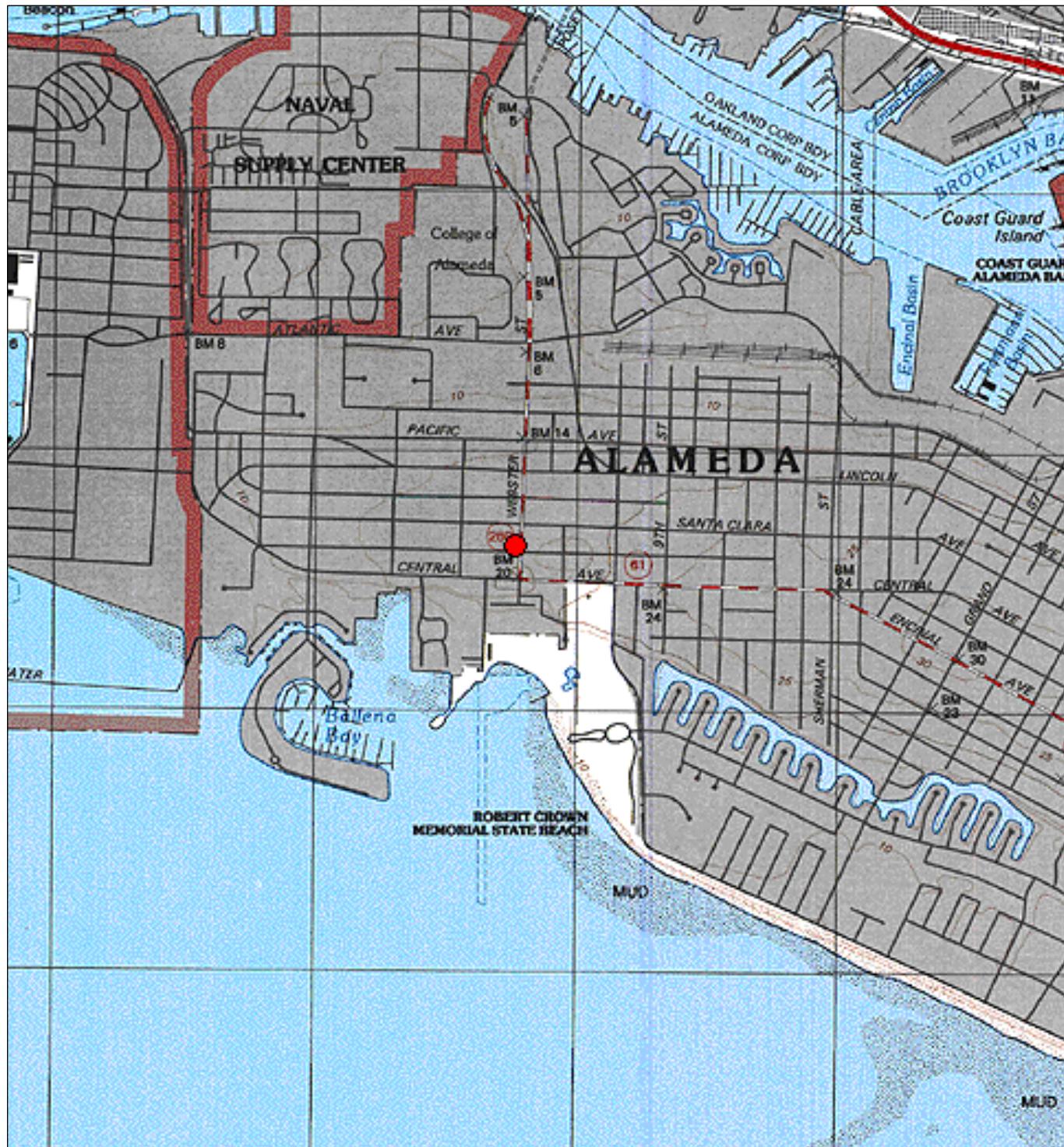
⁵ = Does not match typical gasoline pattern; TPH value includes amount of non-target compounds within the gasoline quantitative range.

ESLs = Environmental Screening Levels (**Table F-1a**), groundwater is a current or potential drinking water resource (CRWQCB, Interim Final, November 2007).

yellow row = most recent data

FIGURES

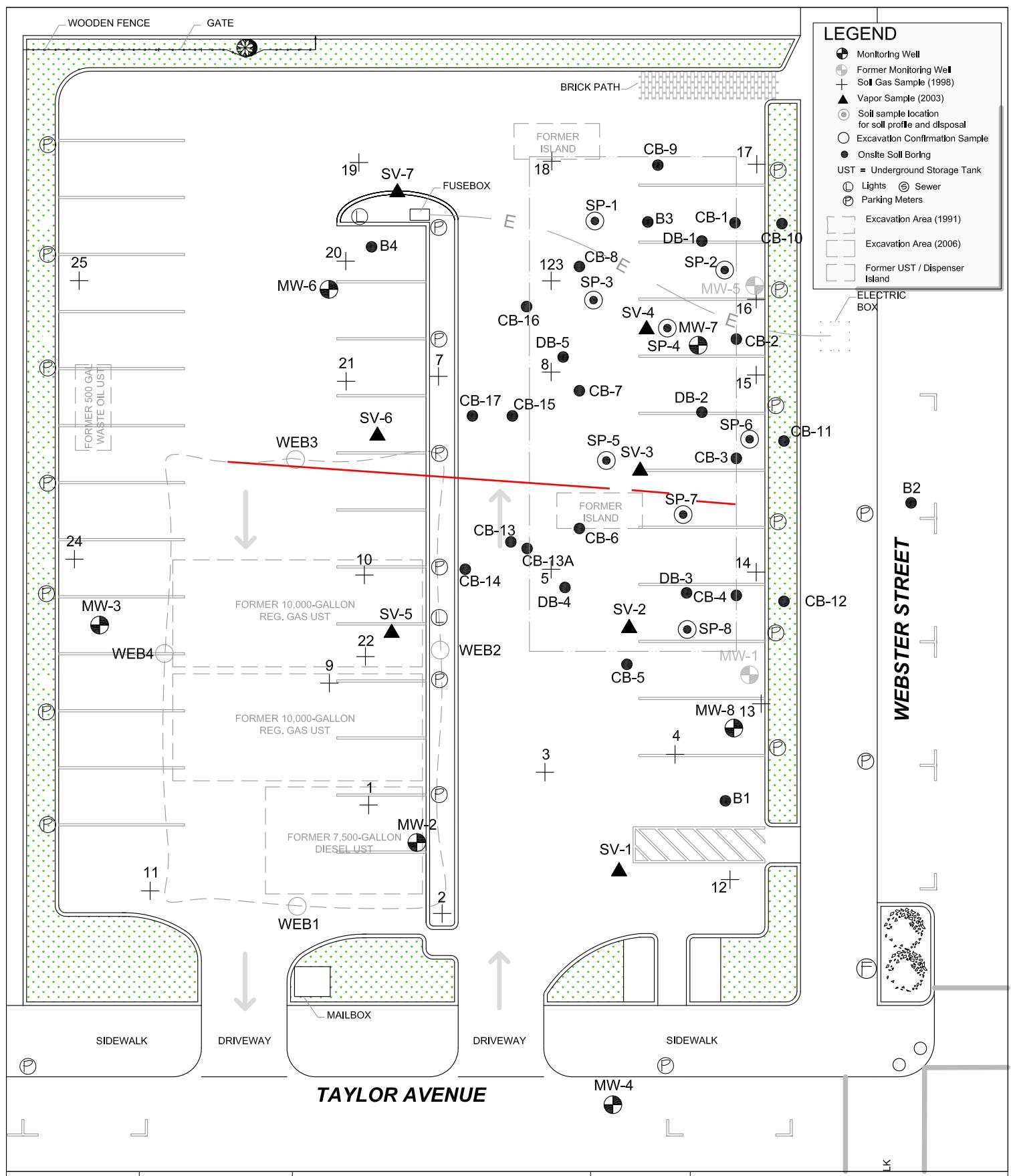




0 1/2 1 Mile

0 1,000m

N —	Site Location	SITE 1435 Webster Street Alameda, California	FIGURE 1	TITLE Vicinity Map
	Map By: TOPO!			
	Date: 01/21/2008			
	Drafted By: LC			
	TEC ACCUTITE	262 Michelle Court So. San Francisco, CA 94080 Main: (650) 616-1200 Fax: (650) 616-1244		



A horizontal scale bar with tick marks at 0, 9, and 18. The word "SCALE (ft)" is written below it.



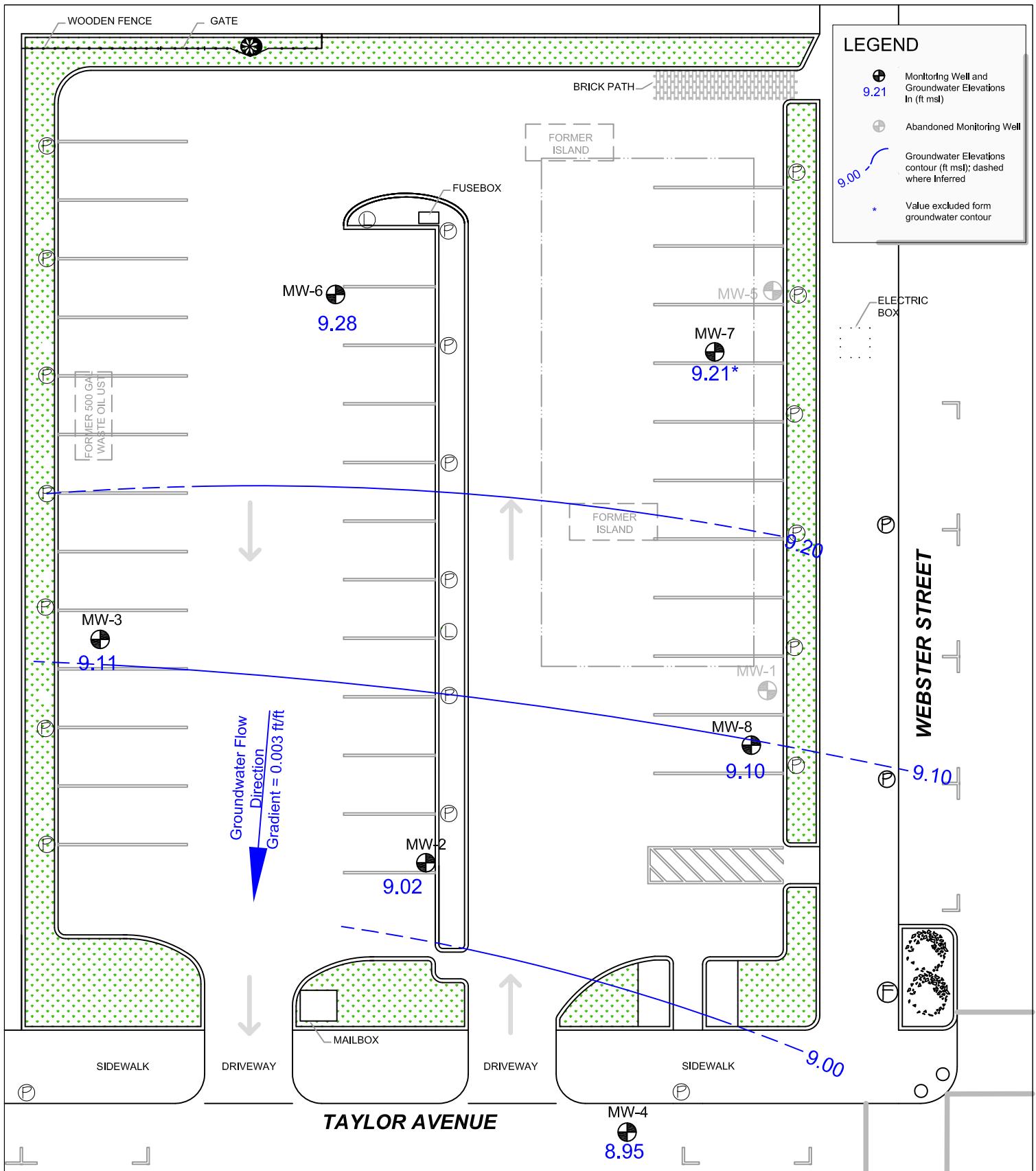
262 Michelle Court
So. San Francisco, CA 94080
Main: (650) 616-1200
Fax: (650) 616-1244

Revision: 1
Date: 01/21/200
Drafted By: LC

SITE
1435 Webster Street
Alameda, California

FIGURE 2

Site Map



0 9 18
SCALE (ft)



262 Michelle Court
So., San Francisco, CA 94080
Main: (650) 616-1200
Fax: (650) 616-1244

Revision: 1

Date: 01/21/2008

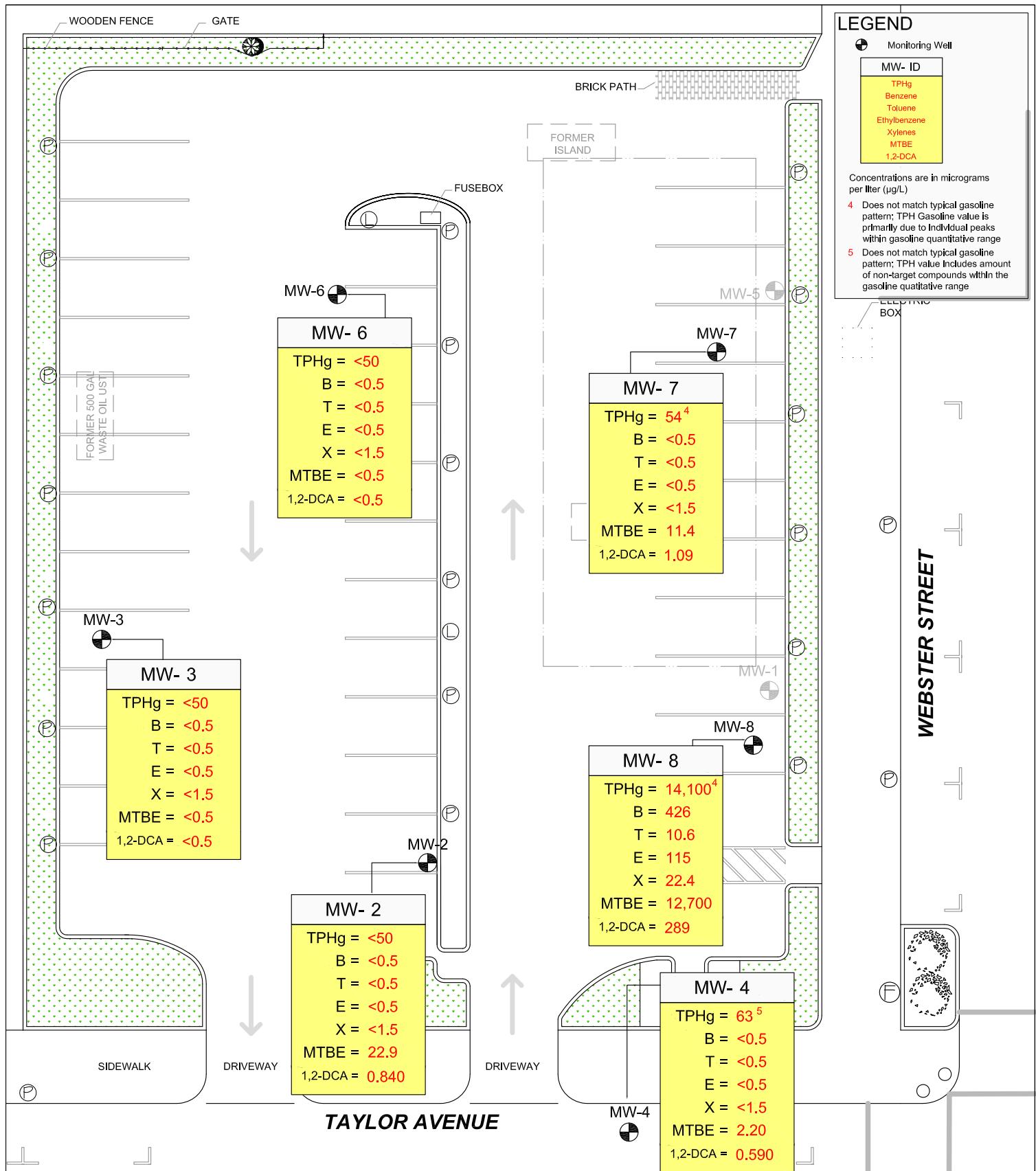
Drafted By: LC

SITE

1435 Webster Street
Alameda, California

**FIGURE
3**

**Groundwater
Gradient Map**
December 19, 2007



0 9 18
SCALE (ft)

Revision: 1

Date: 01/21/2008

Drafted By: LC

FIGURE
4

Petroleum Hydrocarbons in Groundwater
December 2007

TEC ACCUTITE
262 Michelle Court
So. San Francisco, CA 94080
Main: (650) 616-1200
Fax: (650) 616-1244

SITE
1435 Webster Street
Alameda, California

ATTACHMENT A

WELL SAMPLING LOGS



TEC ACCUTITE Well Data Sheet

Codes:

TOC = Top Of Casing (Feet, Relative to Mean Sea Level)

DTB = Depth To Bottom (Feet)

DTW = Depth To Water (Feet)

DTP = Depth To Product (Feet)

PT = Product Thickness (Feet)

EL FV = Groundwater Elevation (Feet. Relative to Mean Sea Level)

TEC Accutite
Water Sample Field Data Sheet

Project #: 1435 Webster

Purged By: AD

Well ID: MW-2

Client Name: Olympian

Sampled By: AD

Sample ID: MW-2

Location: 1435 Webster, Alameda

QA Samples: ---

Purge Information

Date: 12/19/07	Start (2400hr): 11:20	End (2400hr): 11:35
Depth to Bottom: 19.30	Depth to Water: 10.70	Casing Diameter: 2"
DTB - DTW: 8.52	Purge (gal): 1.45	x 3 volumes: 4.345

Field Measurements

Time (2400hr)	Volume (gal)	Temp (°C)	Conductivity (µmhos/cm)	pH (units)	Turbidity (NTU)	Color D.O. (mg/l)	Depth (ft)
11:20	—	19.3	81.2	6.37	law	clear	10.78
11:25	1.45	20.1	74.7	6.62	med	brn.	—
11:30	2.90	20.2	70.4	6.81	med	brn	—
11:35	4.35	19.9	70.6	6.84	med	brn	11.08

Sample Information

Date: 12/19/07 Time: 11:39 DTW: 11.08 Turbidity: law

Odor: none

Analysis: 8260

Sample Vessels: 3 VOAs
Preservative: HCl

Purging Equipment

submersible pump peristaltic pump
 bailer (disposable) bailer (st. steel)
 dedicated bladder pump
other: _____

Sampling Equipment

submersible pump peristaltic pump
 bailer (disposable) bailer (st. steel)
 dedicated bladder pump
other: _____

Well Integrity: good

Lock: N/A

Note: To convert water column height to total amount of gallons in one well volume, multiply the water column height by: .17 for 2" well diameter, .65 for 4", 1.47 for 6", or 2.62 for 8".

Signature:



TEC Accutite
Water Sample Field Data Sheet

Project #: 1435 Webster

Purged By: AD/AH

Well ID: MW-3

Client Name: Olympian

Sampled By: "

Sample ID: MW-3

Location: 1435 Webster, Alameda

QA Samples: ---

Purge Information

Date: 12/19

Start (2400hr): 9:53

End (2400hr): 10:10

Depth to Bottom: 21.95

Depth to Water: 10.68

Casing Diameter: 2"

DTB - DTW: 11.27

Purge (gal): 1.9159

x 3 volumes: 5.747

Field Measurements

Time (2400hr)	Volume (gal)	Temp (°C)	Conductivity (µmhos/cm)	pH (units)	Turbidity (NTU)	color D.O. (mg/l)	Depth (ft)
9:55	—	19.9	63.4	6.98	med	yellow	10.68
10:00	1.916	19.5	65.9	6.72	med	yellow	—
10:05	3.83	19.5	61.0	6.55	"	"	—
10:10	5.75	19.4	60.7	6.48	high	brown	11.09

Sample Information

Date: 12/19

Time: 10:12

DTW: 11.09

Turbidity: high

Odor: none

Analysis: 8260

Sample Vessels: 3 VOAs

Preservative: HCl

Purging Equipment

- submersible pump peristaltic pump
- bailer (disposable) bailer (st. steel)
- dedicated bladder pump
- other: _____

Sampling Equipment

- submersible pump peristaltic pump
- bailer (disposable) bailer (st. steel)
- dedicated bladder pump
- other: _____

Well Integrity: good

Lock: none

Note: To convert water column height to total amount of gallons in one well volume, multiply the water column height by: .17 for 2" well diameter, .65 for 4", 1.47 for 6", or 2.62 for 8".

Signature:



TEC Accutite
Water Sample Field Data Sheet

Project #: 1435 Webster

Purged By: ADIAH

Well ID: MW-4

Client Name: Olympian

Sampled By: "

Sample ID: MW-4

Location: 1435 Webster, Alameda

QA Samples: ---

Purge Information

Date: 12/19/07

Start (2400hr): 1020

End (2400hr): 1100

Depth to Bottom: 19.60

Depth to Water: 10.35

Casing Diameter: 2"

DTB - DTW: 9.25

Purge (gal): 1.5775

x 3 volumes: 4.7325

Field Measurements

Time (2400hr)	Volume (gal)	Temp (°C)	Conductivity (µmhos/cm)	pH (units)	Turbidity (NTU)	Color D.O. (mg/l)	Depth (ft)
1020	—	19.7	49.3	6.85	med	brown	10.35
1025	1.6	19.2	49.9	6.62	"	"	—
1035	3.2	18.7	50.3	6.58	"	"	—
1100	4.7	19.0	51.0	6.45	"	"	10.60

Sample Information

Date: 12/19/07

Time: 11:07

DTW: 10.80

Turbidity: med low

Odor: none

Analysis: 8260

Sample Vessels: 3 VOAs

Preservative: HCl

Purging Equipment

- submersible pump peristaltic pump
 bailer (disposable) bailer (st. steel)
 dedicated bladder pump
other: _____

Sampling Equipment

- submersible pump peristaltic pump
 bailer (disposable) bailer (st. steel)
 dedicated bladder pump
other: _____

Well Integrity: good

Lock : N/A

Note: To convert water column height to total amount of gallons in one well volume, multiply the water column height by: .17 for 2" well diameter, .65 for 4", 1.47 for 6", or 2.62 for 8".

Signature:

TEC Accutite
Water Sample Field Data Sheet

Project #: 1435 Webster

Purged By: AD / AH

Well ID: MW-6

Client Name: Olympian

Sampled By: " "

Sample ID: MW-6

Location: 1435 Webster, Alameda

QA Samples: ---

Purge Information

Date: 12/19

Start (2400hr): 9:18

End (2400hr): 9:30

Depth to Bottom: 19.90

Depth to Water: 10.99

Casing Diameter: 2"

DTB - DTW: 8.91

Purge (gal): 1.5 (11x)

x 3 volumes: 4.5 441

Field Measurements

Time (2400hr)	Volume (gal)	Temp (°C)	Conductivity (µmhos/cm)	pH (units)	Turbidity (NTU)	color	B.O. (mg/l)	Depth (ft)
9:18	—	18.6	19.879	8.25	med	clear	—	10.99
9:23	1.5	19.9	83.3	7.11	high	brown	—	
9:26	3.0	19.5	78.0	7.02	high	brown	—	
9:30	4.5	18.6	73.9	6.76	high	brown	11.45	

Sample Information

Date: 12/19/07

Time: 9:35

DTW: 11.95

Turbidity: med

Odor: None

Analysis: 8260

Sample Vessels: 3 VOAs

Preservative: HCl

Purging Equipment

- submersible pump peristaltic pump
- bailer (disposable) bailer (st. steel)
- dedicated bladder pump
- other: _____

Sampling Equipment

- submersible pump peristaltic pump
- bailer (disposable) bailer (st. steel)
- dedicated bladder pump
- other: _____

Well Integrity: good

Lock: N/A

Note: To convert water column height to total amount of gallons in one well volume, multiply the water column height by: .17 for 2" well diameter, .65 for 4", 1.47 for 6", or 2.62 for 8".

Signature: _____

TEC Accutite
Water Sample Field Data Sheet

Project #: 1435 Webster

Purged By: AD/AH

Well ID: MW-7

Client Name: Olympian

Sampled By: AD/AH

Sample ID: MW-7

Location: 1435 Webster, Alameda

QA Samples: ---

Purge Information

Date: 12/19/07

Start (2400hr): 12:04

End (2400hr): 12:23

Depth to Bottom: 19.93

Depth to Water: 9.72

Casing Diameter: 4"

DTB - DTW: 10.11

Purge (gal): 6.5715

x 3 volumes: 19.745

Field Measurements

Time (2400hr)	Volume (gal)	Temp (°C)	Conductivity (μmhos/cm)	pH (units)	Turbidity (NTU)	D.O. (mg/l)	Depth (ft)	color
12:04	—	19.5	117.7	5.86	low	clear	9.72	
12:08	26.5	20.9	198.2	6.22	⁽⁴⁰⁾ turbid	⁽⁴⁰⁾ clear	—	
12:15	≈13	20.9	268	6.47	low	clear	—	
12:23	≈19.7	20.9	252	6.59	low	clear	14.5	

Sample Information

Date: 12/19/07

Time: 12:40

DTW: 11.59

Turbidity: low

Odor: strong

Analysis: 8260

Sample Vessels: 3 VOAs

Preservative: HCl

Purging Equipment

- submersible pump peristaltic pump
 bailer (disposable) bailer (st. steel)
 dedicated bladder pump
other: _____

Sampling Equipment

- submersible pump peristaltic pump
 bailer (disposable) bailer (st. steel)
 dedicated bladder pump
other: _____

Well Integrity:

Lock :

Note: To convert water column height to total amount of gallons in one well volume, multiply the water column height by: .17 for 2" well diameter, .65 for 4", 1.47 for 6", or 2.62 for 8".

Signature: _____

TEC Accutite
Water Sample Field Data Sheet

Project #: 1435 Webster

Purged By: AD/AH

Well ID: MW-8

Client Name: Olympian

Sampled By: "

Sample ID: MW-8

Location: 1435 Webster, Alameda

QA Samples: ---

Purge Information

Date: 12/19/07	Start (2400hr): 13:34	End (2400hr): 14:02
Depth to Bottom: 19.85	Depth to Water: 10.23	Casing Diameter: 4"
DTB - DTW: 9.62	Purge (gal): 6.253	x 3 volumes: 18.759

Field Measurements

Time (2400hr)	Volume (gal)	Temp (°C)	Conductivity (μmhos/cm)	pH (units)	Turbidity (NTU)	color	D.O. (mg/l)	Depth (ft)
13:34	—	15	216	7.43	low	clear	10.23	
13:56	6.25	20.4	114	6.64	low	clear	—	
13:59	12.5	20.9	103.6	6.59				
14:02	12.5	20.8	97.8	6.55	low	clear	—	
14:07	16.0	20.3	91.3	6.52	high	grey	well dry	

Sample Information

Date: 12/19/07 Time: 14:05 DTW: 12.1 Turbidity: low

Odor: medium Analysis: 8260 Sample Vessels: 3 VOAs
Preservative: HCl

Purging Equipment

submersible pump peristaltic pump
 bailer (disposable) bailer (st. steel)
 dedicated bladder pump
other: _____

Sampling Equipment

submersible pump peristaltic pump
 bailer (disposable) bailer (st. steel)
 dedicated bladder pump
other: _____

Well Integrity: good

Lock: N/A

Note: To convert water column height to total amount of gallons in one well volume, multiply the water column height by: .17 for 2" well diameter, .65 for 4", 1.47 for 6", or 2.62 for 8".

Signature:



TEC Accutite Field Inventory Sheet

Project Name: 1435 Webster

Date: 12/19/07

Location: Alameda

Project Number: 1435 Webster

Work Performed by: AD/AH

is one drum (full) already
on site

ATTACHMENT B

LABBORATORY REPORT AND
CHAIN-OF-CUSTODY DOCUMENTATION





January 07, 2008

Abby Harris
TEC Accutite
262 Michelle Ct
South San Francisco, CA 94080
TEL: 650-616-1200
FAX 650-616-1244

RE: 1435 Webster Ave, Alameda

Order No.: 0712115

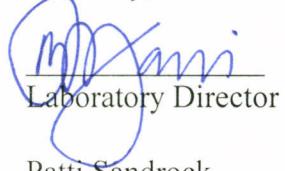
Dear Abby Harris:

Torrent Laboratory, Inc. received 6 samples on 12/20/2007 for the analyses presented in the following report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc, is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,



Laboratory Director

Patti Sandrock
QA Officer

01/07/08
Date



TORRENT LABORATORY, INC.

483 Sinclair Frontage Road • Milpitas, CA • Phone: (408) 263-5258 • Fax: (408) 263-8293

Visit us at www.torrentlab.com email: analysis@torrentlab.com

Report prepared for: Abby Harris
TEC Accutite

Date Received: 12/20/2007
Date Reported: 1/7/2008

Client Sample ID: MW-2 **Lab Sample ID:** 0712115-001
Sample Location: 1435 Webster Ave **Date Prepared:** 12/28/2007
Sample Matrix: GROUNDWATER
Date/Time Sampled 12/19/2007 11:39:00 AM

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	12/28/2007	0.5	1	0.500	ND	µg/L	R14951
1,2-Dichloroethane (EDC)	SW8260B	12/28/2007	0.5	1	0.500	0.840	µg/L	R14951
Benzene	SW8260B	12/28/2007	0.5	1	0.500	ND	µg/L	R14951
Ethyl tert-butyl ether (ETBE)	SW8260B	12/28/2007	0.5	1	0.500	ND	µg/L	R14951
Ethylbenzene	SW8260B	12/28/2007	0.5	1	0.500	ND	µg/L	R14951
Isopropyl ether (DIPE)	SW8260B	12/28/2007	0.5	1	0.500	ND	µg/L	R14951
Methyl tert-butyl ether (MTBE)	SW8260B	12/28/2007	0.5	1	0.500	22.9	µg/L	R14951
t-Butyl alcohol (t-Butanol)	SW8260B	12/28/2007	10	1	10.0	ND	µg/L	R14951
tert-Amyl methyl ether (TAME)	SW8260B	12/28/2007	0.5	1	0.500	ND	µg/L	R14951
Toluene	SW8260B	12/28/2007	0.5	1	0.500	ND	µg/L	R14951
Xylenes, Total	SW8260B	12/28/2007	1.5	1	1.50	ND	µg/L	R14951
Surr: Dibromofluoromethane	SW8260B	12/28/2007	0	1	61.2-131	89.2	%REC	R14951
Surr: 4-Bromofluorobenzene	SW8260B	12/28/2007	0	1	64.1-120	94.8	%REC	R14951
Surr: Toluene-d8	SW8260B	12/28/2007	0	1	75.1-127	97.9	%REC	R14951
TPH (Gasoline)	SW8260B(TPH)	12/28/2007	50	1	50	ND	µg/L	G14951
Surr: 4-Bromofluorobenzene	SW8260B(TPH)	12/28/2007	0	1	58.4-133	78.4	%REC	G14951

Report prepared for: Abby Harris
TEC Accutite

Date Received: 12/20/2007
Date Reported: 1/7/2008

Client Sample ID:	MW-3	Lab Sample ID:	0712115-002
Sample Location:	1435 Webster Ave	Date Prepared:	12/28/2007
Sample Matrix:	GROUNDWATER		
Date/Time Sampled	12/19/2007 10:12:00 AM		

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	12/28/2007	0.5	1	0.500	ND	µg/L	R14951
1,2-Dichloroethane (EDC)	SW8260B	12/28/2007	0.5	1	0.500	ND	µg/L	R14951
Benzene	SW8260B	12/28/2007	0.5	1	0.500	ND	µg/L	R14951
Ethyl tert-butyl ether (ETBE)	SW8260B	12/28/2007	0.5	1	0.500	ND	µg/L	R14951
Ethylbenzene	SW8260B	12/28/2007	0.5	1	0.500	ND	µg/L	R14951
Isopropyl ether (DIPE)	SW8260B	12/28/2007	0.5	1	0.500	ND	µg/L	R14951
Methyl tert-butyl ether (MTBE)	SW8260B	12/28/2007	0.5	1	0.500	ND	µg/L	R14951
t-Butyl alcohol (t-Butanol)	SW8260B	12/28/2007	10	1	10.0	ND	µg/L	R14951
tert-Amyl methyl ether (TAME)	SW8260B	12/28/2007	0.5	1	0.500	ND	µg/L	R14951
Toluene	SW8260B	12/28/2007	0.5	1	0.500	ND	µg/L	R14951
Xylenes, Total	SW8260B	12/28/2007	1.5	1	1.50	ND	µg/L	R14951
Surr: Dibromofluoromethane	SW8260B	12/28/2007	0	1	61.2-131	119	%REC	R14951
Surr: 4-Bromofluorobenzene	SW8260B	12/28/2007	0	1	64.1-120	98.8	%REC	R14951
Surr: Toluene-d8	SW8260B	12/28/2007	0	1	75.1-127	97.0	%REC	R14951
TPH (Gasoline)	SW8260B(TPH)	12/28/2007	50	1	50	ND	µg/L	G14951
Surr: 4-Bromofluorobenzene	SW8260B(TPH)	12/28/2007	0	1	58.4-133	115	%REC	G14951

Report prepared for: Abby Harris
TEC Accutite

Date Received: 12/20/2007
Date Reported: 1/7/2008

Client Sample ID:	MW-4	Lab Sample ID:	0712115-003
Sample Location:	1435 Webster Ave	Date Prepared:	12/29/2007
Sample Matrix:	GROUNDWATER		
Date/Time Sampled	12/19/2007 11:07:00 AM		

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
1,2-Dichloroethane (EDC)	SW8260B	12/29/2007	0.5	1	0.500	0.590	µg/L	R14951
Benzene	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Ethyl tert-butyl ether (ETBE)	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Ethylbenzene	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Isopropyl ether (DIPE)	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Methyl tert-butyl ether (MTBE)	SW8260B	12/29/2007	0.5	1	0.500	2.20	µg/L	R14951
t-Butyl alcohol (t-Butanol)	SW8260B	12/29/2007	10	1	10.0	ND	µg/L	R14951
tert-Amyl methyl ether (TAME)	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Toluene	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Xylenes, Total	SW8260B	12/29/2007	1.5	1	1.50	ND	µg/L	R14951
Surr: Dibromofluoromethane	SW8260B	12/29/2007	0	1	61.2-131	91.9	%REC	R14951
Surr: 4-Bromofluorobenzene	SW8260B	12/29/2007	0	1	64.1-120	80.8	%REC	R14951
Surr: Toluene-d8	SW8260B	12/29/2007	0	1	75.1-127	92.1	%REC	R14951
TPH (Gasoline)	SW8260B(TPH)	12/29/2007	50	1	50	63x	µg/L	G14951
Surr: 4-Bromofluorobenzene	SW8260B(TPH)	12/29/2007	0	1	58.4-133	115	%REC	G14951

Note: x - Does not match typical gasoline pattern. TPH value includes amount of non-target compounds within gasoline quantitative range.

Report prepared for: Abby Harris
TEC Accutite

Date Received: 12/20/2007
Date Reported: 1/7/2008

Client Sample ID:	MW-6	Lab Sample ID:	0712115-004
Sample Location:	1435 Webster Ave	Date Prepared:	12/29/2007
Sample Matrix:	GROUNDWATER		
Date/Time Sampled	12/19/2007 9:35:00 AM		

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
1,2-Dichloroethane (EDC)	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Benzene	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Ethyl tert-butyl ether (ETBE)	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Ethylbenzene	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Isopropyl ether (DIPE)	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Methyl tert-butyl ether (MTBE)	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
t-Butyl alcohol (t-Butanol)	SW8260B	12/29/2007	10	1	10.0	ND	µg/L	R14951
tert-Amyl methyl ether (TAME)	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Toluene	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Xylenes, Total	SW8260B	12/29/2007	1.5	1	1.50	ND	µg/L	R14951
Surr: Dibromofluoromethane	SW8260B	12/29/2007	0	1	61.2-131	89.2	%REC	R14951
Surr: 4-Bromofluorobenzene	SW8260B	12/29/2007	0	1	64.1-120	89.3	%REC	R14951
Surr: Toluene-d8	SW8260B	12/29/2007	0	1	75.1-127	97.3	%REC	R14951
TPH (Gasoline)	SW8260B(TPH)	12/29/2007	50	1	50	ND	µg/L	G14951
Surr: 4-Bromofluorobenzene	SW8260B(TPH)	12/29/2007	0	1	58.4-133	121	%REC	G14951

Report prepared for: Abby Harris
TEC Accutite

Date Received: 12/20/2007
Date Reported: 1/7/2008

Client Sample ID:	MW-7	Lab Sample ID:	0712115-005
Sample Location:	1435 Webster Ave	Date Prepared:	12/29/2007
Sample Matrix:	GROUNDWATER		
Date/Time Sampled	12/19/2007 12:40:00 PM		

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
1,2-Dichloroethane (EDC)	SW8260B	12/29/2007	0.5	1	0.500	1.09	µg/L	R14951
Benzene	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Ethyl tert-butyl ether (ETBE)	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Ethylbenzene	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Isopropyl ether (DIPE)	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Methyl tert-butyl ether (MTBE)	SW8260B	12/29/2007	0.5	1	0.500	11.4	µg/L	R14951
t-Butyl alcohol (t-Butanol)	SW8260B	12/29/2007	10	1	10.0	ND	µg/L	R14951
tert-Amyl methyl ether (TAME)	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Toluene	SW8260B	12/29/2007	0.5	1	0.500	ND	µg/L	R14951
Xylenes, Total	SW8260B	12/29/2007	1.5	1	1.50	ND	µg/L	R14951
Surr: Dibromofluoromethane	SW8260B	12/29/2007	0	1	61.2-131	92.8	%REC	R14951
Surr: 4-Bromofluorobenzene	SW8260B	12/29/2007	0	1	64.1-120	88.6	%REC	R14951
Surr: Toluene-d8	SW8260B	12/29/2007	0	1	75.1-127	94.1	%REC	R14951
TPH (Gasoline)	SW8260B(TPH)	12/29/2007	50	1	50	54x	µg/L	G14951
Surr: 4-Bromofluorobenzene	SW8260B(TPH)	12/29/2007	0	1	58.4-133	117	%REC	G14951

Note: x - TPH value due to individual peaks within gasoline quantitative range (see 8260 results).

Report prepared for: Abby Harris
TEC Accutite

Date Received: 12/20/2007
Date Reported: 1/7/2008

Client Sample ID:	MW-8	Lab Sample ID:	0712115-006
Sample Location:	1435 Webster Ave	Date Prepared:	12/29/2007
Sample Matrix:	GROUNDWATER		
Date/Time Sampled	12/19/2007 2:05:00 PM		

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	12/29/2007	0.5	8.8	4.40	ND	µg/L	R14951
1,2-Dichloroethane (EDC)	SW8260B	12/29/2007	0.5	8.8	4.40	289	µg/L	R14951
Benzene	SW8260B	12/29/2007	0.5	8.8	4.40	426	µg/L	R14951
Ethyl tert-butyl ether (ETBE)	SW8260B	12/29/2007	0.5	8.8	4.40	ND	µg/L	R14951
Ethylbenzene	SW8260B	12/29/2007	0.5	8.8	4.40	115	µg/L	R14951
Isopropyl ether (DIPE)	SW8260B	12/29/2007	0.5	8.8	4.40	25.0	µg/L	R14951
Methyl tert-butyl ether (MTBE)	SW8260B	1/5/2008	0.5	176	88.0	12700	µg/L	R14987
t-Butyl alcohol (t-Butanol)	SW8260B	12/29/2007	10	8.8	88.0	864	µg/L	R14951
tert-Amyl methyl ether (TAME)	SW8260B	12/29/2007	0.5	8.8	4.40	ND	µg/L	R14951
Toluene	SW8260B	12/29/2007	0.5	8.8	4.40	10.6	µg/L	R14951
Xylenes, Total	SW8260B	12/29/2007	1.5	8.8	13.2	22.4	µg/L	R14951
Surr: Dibromofluoromethane	SW8260B	12/29/2007	0	8.8	61.2-131	90.2	%REC	R14951
Surr: Dibromofluoromethane	SW8260B	1/5/2008	0	176	61.2-131	105	%REC	R14987
Surr: 4-Bromofluorobenzene	SW8260B	1/5/2008	0	176	64.1-120	116	%REC	R14987
Surr: 4-Bromofluorobenzene	SW8260B	12/29/2007	0	8.8	64.1-120	95.5	%REC	R14951
Surr: Toluene-d8	SW8260B	1/5/2008	0	176	75.1-127	93.7	%REC	R14987
Surr: Toluene-d8	SW8260B	12/29/2007	0	8.8	75.1-127	93.4	%REC	R14951
TPH (Gasoline)	SW8260B(TPH)	12/29/2007	50	88	4400	14100x	µg/L	G14951
Surr: 4-Bromofluorobenzene	SW8260B(TPH)	12/29/2007	0	88	58.4-133	116	%REC	G14951

Note: x - TPH value partially due to individual peaks within gasoline quantitative range (see 8260 results).

Definitions, legends and Notes

Note	Description
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory, Lab Certificate #

CLIENT: TEC Accutite
Work Order: 0712115
Project: 1435 Webster Ave, Alameda

ANALYTICAL QC SUMMARY REPORT**BatchID: G14951**

Sample ID	MB-G	SampType:	MBLK	TestCode:	TPH_GAS_W	Units:	µg/L	Prep Date:	12/29/2007	RunNo:	14951	
Client ID:	ZZZZZ	Batch ID:	G14951	TestNo:	SW8260B(TP)		Analysis Date:	12/29/2007	SeqNo:	214976		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)		ND	50									
Surr: 4-Bromofluorobenzene		13.90	0	11.36	0	122	58.4	133				
Sample ID	LCS-G	SampType:	LCS	TestCode:	TPH_GAS_W	Units:	µg/L	Prep Date:	12/28/2007	RunNo:	14951	
Client ID:	ZZZZZ	Batch ID:	G14951	TestNo:	SW8260B(TP)		Analysis Date:	12/28/2007	SeqNo:	214977		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)		240.8	50	227	42.1	87.5	52.4	127				
Surr: 4-Bromofluorobenzene		13.90	0	11.36	0	122	58.4	133				
Sample ID	LCSD-G	SampType:	LCSD	TestCode:	TPH_GAS_W	Units:	µg/L	Prep Date:	12/29/2007	RunNo:	14951	
Client ID:	ZZZZZ	Batch ID:	G14951	TestNo:	SW8260B(TP)		Analysis Date:	12/29/2007	SeqNo:	214978		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)		232.2	50	227	42.1	83.7	52.4	127	240.8	3.64	20	
Surr: 4-Bromofluorobenzene		13.30	0	11.36	0	117	58.4	133	0	0	0	

Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

CLIENT: TEC Accutite
Work Order: 0712115
Project: 1435 Webster Ave, Alameda

ANALYTICAL QC SUMMARY REPORT

BatchID: R14951

Sample ID	MB	SampType:	MLBK	TestCode:	8260B_W	Units:	µg/L	Prep Date:	12/29/2007	RunNo:	14951	
Client ID:	ZZZZZ	Batch ID:	R14951	TestNo:	SW8260B			Analysis Date:	12/29/2007	SeqNo:	214893	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane (EDB)		ND	0.500									
1,2-Dichloroethane (EDC)		ND	0.500									
Benzene		ND	0.500									
Ethyl tert-butyl ether (ETBE)		ND	0.500									
Ethylbenzene		ND	0.500									
Isopropyl ether (DIPE)		ND	0.500									
Methyl tert-butyl ether (MTBE)		ND	0.500									
t-Butyl alcohol (t-Butanol)		ND	5.00									
tert-Amyl methyl ether (TAME)		ND	0.500									
Toluene		ND	0.500									
Xylenes, Total		ND	1.50									
Surr: Dibromofluoromethane		9.390	0	11.36	0	82.7	61.2	131				
Surr: 4-Bromofluorobenzene		10.30	0	11.36	0	90.7	64.1	120				
Surr: Toluene-d8		11.03	0	11.36	0	97.1	75.1	127				

Sample ID	LCS	SampType:	LCS	TestCode:	8260B_W	Units:	µg/L	Prep Date:	12/29/2007	RunNo:	14951	
Client ID:	ZZZZZ	Batch ID:	R14951	TestNo:	SW8260B			Analysis Date:	12/29/2007	SeqNo:	214894	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene		14.20	0.500	17.04	0	83.3	66.9	140				
Toluene		14.74	0.500	17.04	0	86.5	76.6	123				
Surr: Dibromofluoromethane		9.590	0	11.36	0	84.4	61.2	131				
Surr: 4-Bromofluorobenzene		10.86	0	11.36	0	95.6	64.1	120				
Surr: Toluene-d8		10.34	0	11.36	0	91.0	75.1	127				

Sample ID	LCSD	SampType:	LCSD	TestCode:	8260B_W	Units:	µg/L	Prep Date:	12/29/2007	RunNo:	14951	
Client ID:	ZZZZZ	Batch ID:	R14951	TestNo:	SW8260B			Analysis Date:	12/29/2007	SeqNo:	214895	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene		13.95	0.500	17.04	0	81.9	66.9	140	14.2	1.78	20	
Toluene		14.87	0.500	17.04	0	87.3	76.6	123	14.74	0.878	20	

Qualifiers: E Value above quantitation range
ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: TEC Accutite
Work Order: 0712115
Project: 1435 Webster Ave, Alameda

ANALYTICAL QC SUMMARY REPORT

BatchID: R14951

Sample ID	LCSD	SampType:	LCSD	TestCode:	8260B_W	Units:	µg/L	Prep Date:	12/29/2007	RunNo:	14951	
Client ID:	ZZZZZ	Batch ID:	R14951	TestNo:	SW8260B			Analysis Date:	12/29/2007	SeqNo:	214895	
		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane		8.460	0	11.36	0	74.5	61.2	131	0	0	0	
Surr: 4-Bromofluorobenzene		10.66	0	11.36	0	93.8	64.1	120	0	0	0	
Surr: Toluene-d8		10.49	0	11.36	0	92.3	75.1	127	0	0	0	

Qualifiers: E Value above quantitation range
ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: TEC Accutite
Work Order: 0712115
Project: 1435 Webster Ave, Alameda

ANALYTICAL QC SUMMARY REPORT

BatchID: R14987

Sample ID	MB	SampType:	MLBK	TestCode:	8260B_W	Units:	µg/L	Prep Date:	1/5/2008	RunNo:	14987	
Client ID:	ZZZZZ	Batch ID:	R14987	TestNo:	SW8260B <th></th> <th></th> <th>Analysis Date:</th> <td>1/5/2008</td> <th>SeqNo:</th> <td>215459</td>			Analysis Date:	1/5/2008	SeqNo:	215459	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane (EDB)		ND	0.500									
1,2-Dichloroethane (EDC)		ND	0.500									
Benzene		ND	0.500									
Ethyl tert-butyl ether (ETBE)		ND	0.500									
Ethylbenzene		ND	0.500									
Isopropyl ether (DIPE)		ND	0.500									
Methyl tert-butyl ether (MTBE)		ND	0.500									
t-Butyl alcohol (t-Butanol)		ND	5.00									
tert-Amyl methyl ether (TAME)		ND	0.500									
Toluene		ND	0.500									
Xylenes, Total		ND	1.50									
Surr: Dibromofluoromethane		9.370	0	11.36	0	82.5	61.2	131				
Surr: 4-Bromofluorobenzene		10.71	0	11.36	0	94.3	64.1	120				
Surr: Toluene-d8		9.020	0	11.36	0	79.4	75.1	127				

Sample ID	LCS	SampType:	LCS	TestCode:	8260B_W	Units:	µg/L	Prep Date:	1/5/2008	RunNo:	14987	
Client ID:	ZZZZZ	Batch ID:	R14987	TestNo:	SW8260B <th></th> <th></th> <th>Analysis Date:</th> <td>1/5/2008</td> <th>SeqNo:</th> <td>215463</td>			Analysis Date:	1/5/2008	SeqNo:	215463	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene		14.93	0.500	17.04	0	87.6	66.9	140				
Toluene		15.45	0.500	17.04	0	90.7	76.6	123				
Surr: Dibromofluoromethane		11.92	0	11.36	0	105	61.2	131				
Surr: 4-Bromofluorobenzene		11.81	0	11.36	0	104	64.1	120				
Surr: Toluene-d8		11.26	0	11.36	0	99.1	75.1	127				

Sample ID	LCSD	SampType:	LCSD	TestCode:	8260B_W	Units:	µg/L	Prep Date:	1/5/2008	RunNo:	14987	
Client ID:	ZZZZZ	Batch ID:	R14987	TestNo:	SW8260B <th></th> <th></th> <th>Analysis Date:</th> <td>1/5/2008</td> <th>SeqNo:</th> <td>215465</td>			Analysis Date:	1/5/2008	SeqNo:	215465	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene		15.91	0.500	17.04	0	93.4	66.9	140	14.93	6.36	20	
Toluene		13.88	0.500	17.04	0	81.5	76.6	123	15.45	10.7	20	

Qualifiers: E Value above quantitation range
ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: TEC Accutite
Work Order: 0712115
Project: 1435 Webster Ave, Alameda

ANALYTICAL QC SUMMARY REPORT

BatchID: R14987

Sample ID	LCSD	SampType:	LCSD	TestCode:	8260B_W	Units:	µg/L	Prep Date:	1/5/2008	RunNo:	14987	
Client ID:	ZZZZZ	Batch ID:	R14987	TestNo:	SW8260B			Analysis Date:	1/5/2008	SeqNo:	215465	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane		12.04	0	11.36	0	106	61.2	131	0	0	0	
Surr: 4-Bromofluorobenzene		12.01	0	11.36	0	106	64.1	120	0	0	0	
Surr: Toluene-d8		10.82	0	11.36	0	95.2	75.1	127	0	0	0	

Qualifiers: E Value above quantitation range
ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits



483 Sinclair Frontage Road
Milpitas, CA 95035 *x 250*
Phone: 408.263.5258
FAX: 408.263.8293
www.torrentlab.com

CHAIN OF CUSTODY

LAB WORK ORDER NO

0712115

Company Name: TEC ACCUTITE			Location of Sampling: 1435 Webster Ave, Alameda				
Address: 262 MICHELIE COURT			Purpose: Q4 QMR Sampling				
City: South San Francisco	State: CA	Zip Code: 94080	Special Instructions / Comments: GLOBAL I.D. T0600 10076				
Telephone: (650) 616-1200 FAX: (650) 616-1244			RUN to ESL's nsmith@tecaccutite.com				
REPORT TO: <i>Abby Harris</i>		SAMPLER: <i>Abby Harris</i>	P.O. #:		EMAIL: <i>aharris@tecaccutite.com</i>		
TURNAROUND TIME:		SAMPLE TYPE:	REPORT FORMAT:		<div style="text-align: center;"> ◆ ANALYSIS REQUESTED ◆ Field data p </div>		
<input type="checkbox"/> 10 Work Days	<input type="checkbox"/> 3 Work Days	<input type="checkbox"/> Noon - Nxt Day	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Air		<input type="checkbox"/> QC Level IV	
<input type="checkbox"/> 7 Work Days	<input type="checkbox"/> 2 Work Days	<input type="checkbox"/> 2 - 8 Hours	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Other		<input checked="" type="checkbox"/> EDF	
<input checked="" type="checkbox"/> 5 Work Days	<input type="checkbox"/> 1 Work Day	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> Ground Water	<input type="checkbox"/> Soil		<input checked="" type="checkbox"/> Exempt EGD	
LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	<input type="checkbox"/> EPA 8260B - Full List <input checked="" type="checkbox"/> EPA 8260B - 8010 List <input checked="" type="checkbox"/> THP gas <input checked="" type="checkbox"/> Oxygenates <input type="checkbox"/> THP Diesel <input type="checkbox"/> Motor Oil <input type="checkbox"/> PCB - 8082 <input type="checkbox"/> Pesticide - 8081 <input type="checkbox"/> PCB - 8082 <input type="checkbox"/> Metals CAM - 17 <input type="checkbox"/> LUFT 5 <input type="checkbox"/> 7 Metals <input type="checkbox"/> 8270 Full List <input type="checkbox"/> PAHs Only <i>lead Scavenger</i>	REMARKS
	MW-2	12/19/07 11:39	W	3	VOCs HCL	X	MW-2
	MW-3	10:12				.	MW-3
	MW-4	11:07				.	MW-4
	MW-6	9:35				.	MW-6
	MW-7	12:40				.	MW-7
	MW-8	14:05	V	V	V	↓	MW-8

~~1 Relinquished By:~~ Print: Adam Dickenson Date: 12/20/07 Time: 1:13 Received By: Paul Diaz Print: Paul Diaz Date: 12/20/07 Time: 1:13
~~2 Relinquished By:~~ Print: Paul Diaz Date: 12/20/07 Time: Received By: Paul Diaz Print: Paul Diaz Date: 12/20/07 Time: 3:30

Were Samples Received in Good Condition? Yes NO Samples on Ice? Yes NO Method of Shipment

Sample seals intact? Yes NO N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Page _____ of _____

Log In By:

Date:

Log In Reviewed By

Date _____

ATTACHMENT C

GEOTRACKER SUBMISSION CONFIRMATIONS



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OLYMPIAN #112

1435 WEBSTER
Alameda, CA 94501
[\(Show this Site on Map\)](#)

Regional Board - Case #: 01-0832

SAN FRANCISCO BAY RWQCB (REGION 2)

Local Agency (lead agency) - Case #: RO0000193

ALAMEDA COUNTY LOP - (SP)

EDF Data Report

Report Title: "Fourth Quarter 2007 Groundwater Monitoring Report"

Analysis performed by *Torrent Laboratory, Milpitas, CA*

EDF Submitted: 1/29/2008

of Field Points Sampled: 7

[\(QC Data\)](#) | [Client Data](#) | [Detections](#)

<u>Sampling Date</u>	<u>Sampling Time</u>	<u>Analysis Date</u>	<u>Matrix</u>	<u>Batch #</u>	<u>Field Pt. Name</u>	<u>Sample ID</u>	<u>Method</u>	<u>Parameter</u>	<u>Value</u>	<u>RL</u>	<u>MDL</u>	<u>UNITS</u>	<u>RL Note</u>
12/19/2007	1139	12/28/2007	WG	R14951 MW-2	MW-2	SW8260B	Benzene		< 0.5	0.5	0.34	UG/L	
12/19/2007	1012	12/28/2007	WG	R14951 MW-3	MW-3	SW8260B	Benzene		< 0.5	0.5	0.34	UG/L	
12/19/2007	1139	12/28/2007	WG	R14951 MW-2	MW-2	SW8260B	Toluene		< 0.5	0.5	0.3	UG/L	
12/19/2007	1012	12/28/2007	WG	R14951 MW-3	MW-3	SW8260B	Toluene		< 0.5	0.5	0.3	UG/L	
12/19/2007	1139	12/28/2007	WG	R14951 MW-2	MW-2	SW8260B	1,2-Dichloroethane		0.84	0.5	0.36	UG/L	
12/19/2007	1012	12/28/2007	WG	R14951 MW-3	MW-3	SW8260B	1,2-Dichloroethane		< 0.5	0.5	0.36	UG/L	
12/19/2007	1139	12/28/2007	WG	R14951 MW-2	MW-2	SW8260B	Di-isopropyl ether (DIPE)		< 0.5	0.5	0.45	UG/L	
12/19/2007	1012	12/28/2007	WG	R14951 MW-3	MW-3	SW8260B	Di-isopropyl ether (DIPE)		< 0.5	0.5	0.45	UG/L	
12/19/2007	1139	12/28/2007	WG	R14951 MW-2	MW-2	SW8260B	Ethylbenzene		< 0.5	0.5	0.25	UG/L	
12/19/2007	1012	12/28/2007	WG	R14951 MW-3	MW-3	SW8260B	Ethylbenzene		< 0.5	0.5	0.25	UG/L	
12/19/2007	1139	12/28/2007	WG	R14951 MW-2	MW-2	SW8260B	1,2-Dibromoethane		< 0.5	0.5	0.36	UG/L	
12/19/2007	1012	12/28/2007	WG	R14951 MW-3	MW-3	SW8260B	1,2-Dibromoethane		< 0.5	0.5	0.36	UG/L	
12/19/2007	1139	12/28/2007	WG	R14951 MW-2	MW-2	SW8260B	Ethyl tert-butyl ether (ETBE)		< 0.5	0.5	0.42	UG/L	
12/19/2007	1012	12/28/2007	WG	R14951 MW-3	MW-3	SW8260B	Ethyl tert-butyl ether (ETBE)		< 0.5	0.5	0.42	UG/L	
12/19/2007	1139	12/28/2007	WG	R14951 MW-2	MW-2	SW8260B	Methyl-tert-butyl ether (MTBE)		22.9	0.5	0.39	UG/L	
12/19/2007	1012	12/28/2007	WG	R14951 MW-3	MW-3	SW8260B	Methyl-tert-butyl ether (MTBE)		< 0.5	0.5	0.39	UG/L	
12/19/2007	1139	12/28/2007	WG	G14951 MW-2	MW-2	8260TPH	Total Petroleum Hydrocarbons (TPH) as Gasoline (TPHG)		< 50	50	28	UG/L	
12/19/2007	1012	12/28/2007	WG	G14951 MW-3	MW-3	8260TPH	Total Petroleum Hydrocarbons (TPH) as Gasoline (TPHG)		40	50	28	UG/L	
12/19/2007	1139	12/28/2007	WG	R14951 MW-2	MW-2	SW8260B	tert-Amyl methyl ether (TAME)		< 0.5	0.5	0.32	UG/L	
12/19/2007	1012	12/28/2007	WG	R14951 MW-3	MW-3	SW8260B	tert-Amyl methyl ether (TAME)		< 0.5	0.5	0.32	UG/L	
12/19/2007	1139	12/28/2007	WG	R14951 MW-2	MW-2	SW8260B	tert-Butyl alcohol (TBA)		< 10	10	1.5	UG/L	
12/19/2007	1012	12/28/2007	WG	R14951 MW-3	MW-3	SW8260B	tert-Butyl alcohol (TBA)		< 10	10	1.5	UG/L	
12/19/2007	1139	12/28/2007	WG	R14951 MW-2	MW-2	SW8260B	Xylenes		< 1.5	1.5	0.74	UG/L	
12/19/2007	1012	12/28/2007	WG	R14951 MW-3	MW-3	SW8260B	Xylenes		< 1.5	1.5	0.74	UG/L	
12/19/2007	0935	12/29/2007	WG	R14951 MW-6	MW-6	SW8260B	Benzene		< 0.5	0.5	0.34	UG/L	
12/19/2007	1107	12/29/2007	WG	R14951 MW-4	MW-4	SW8260B	Benzene		< 0.5	0.5	0.34	UG/L	
12/19/2007	1240	12/29/2007	WG	R14951 MW-7	MW-7	SW8260B	Benzene		0.35	0.5	0.34	UG/L	
12/19/2007	1405	12/29/2007	WG	R14951 MW-8	MW-8	SW8260B	Benzene		426	4.4	2.992	UG/L	
12/19/2007	0935	12/29/2007	WG	R14951 MW-6	MW-6	SW8260B	Toluene		< 0.5	0.5	0.3	UG/L	
12/19/2007	1405	12/29/2007	WG	R14951 MW-8	MW-8	SW8260B	Toluene		10.6	4.4	2.64	UG/L	
12/19/2007	1240	12/29/2007	WG	R14951 MW-7	MW-7	SW8260B	Toluene		< 0.5	0.5	0.3	UG/L	
12/19/2007	1107	12/29/2007	WG	R14951 MW-4	MW-4	SW8260B	Toluene		< 0.5	0.5	0.3	UG/L	
12/19/2007	1107	12/29/2007	WG	R14951 MW-4	MW-4	SW8260B	1,2-Dichloroethane		0.59	0.5	0.36	UG/L	
12/19/2007	1405	12/29/2007	WG	R14951 MW-8	MW-8	SW8260B	1,2-Dichloroethane		289	4.4	3.168	UG/L	
12/19/2007	0935	12/29/2007	WG	R14951 MW-6	MW-6	SW8260B	1,2-Dichloroethane		< 0.5	0.5	0.36	UG/L	
12/19/2007	1240	12/29/2007	WG	R14951 MW-7	MW-7	SW8260B	1,2-Dichloroethane		1.09	0.5	0.36	UG/L	
12/19/2007	1107	12/29/2007	WG	R14951 MW-4	MW-4	SW8260B	Di-isopropyl ether (DIPE)		< 0.5	0.5	0.45	UG/L	
12/19/2007	1405	12/29/2007	WG	R14951 MW-8	MW-8	SW8260B	Di-isopropyl ether (DIPE)		25	4.4	3.96	UG/L	
12/19/2007	1240	12/29/2007	WG	R14951 MW-7	MW-7	SW8260B	Di-isopropyl ether (DIPE)		< 0.5	0.5	0.45	UG/L	
12/19/2007	0935	12/29/2007	WG	R14951 MW-6	MW-6	SW8260B	Di-isopropyl ether (DIPE)		< 0.5	0.5	0.45	UG/L	
12/19/2007	1107	12/29/2007	WG	R14951 MW-4	MW-4	SW8260B	Ethylbenzene		< 0.5	0.5	0.25	UG/L	
12/19/2007	1405	12/29/2007	WG	R14951 MW-8	MW-8	SW8260B	Ethylbenzene		115	4.4	2.2	UG/L	
12/19/2007	1240	12/29/2007	WG	R14951 MW-7	MW-7	SW8260B	Ethylbenzene		< 0.5	0.5	0.25	UG/L	
12/19/2007	0935	12/29/2007	WG	R14951 MW-6	MW-6	SW8260B	Ethylbenzene		< 0.5	0.5	0.25	UG/L	
12/19/2007	1107	12/29/2007	WG	R14951 MW-4	MW-4	SW8260B	1,2-Dibromoethane		< 0.5	0.5	0.36	UG/L	
12/19/2007	0935	12/29/2007	WG	R14951 MW-6	MW-6	SW8260B	1,2-Dibromoethane		< 0.5	0.5	0.36	UG/L	
12/19/2007	1240	12/29/2007	WG	R14951 MW-7	MW-7	SW8260B	1,2-Dibromoethane		< 0.5	0.5	0.36	UG/L	
12/19/2007	1405	12/29/2007	WG	R14951 MW-8	MW-8	SW8260B	1,2-Dibromoethane		< 4.4	4.4	3.168	UG/L	
12/19/2007	1107	12/29/2007	WG	R14951 MW-4	MW-4	SW8260B	Ethyl tert-butyl ether (ETBE)		< 0.5	0.5	0.42	UG/L	
12/19/2007	0935	12/29/2007	WG	R14951 MW-6	MW-6	SW8260B	Ethyl tert-butyl ether (ETBE)		< 0.5	0.5	0.42	UG/L	
12/19/2007	1405	12/29/2007	WG	R14951 MW-8	MW-8	SW8260B	Ethyl tert-butyl ether (ETBE)		< 4.4	4.4	3.696	UG/L	
12/19/2007	1240	12/29/2007	WG	R14951 MW-7	MW-7	SW8260B	Ethyl tert-butyl ether (ETBE)		< 0.5	0.5	0.42	UG/L	
12/19/2007	1107	12/29/2007	WG	R14951 MW-4	MW-4	SW8260B	Methyl-tert-butyl ether (MTBE)		2.2	0.5	0.39	UG/L	
12/19/2007	0935	12/29/2007	WG	R14951 MW-6	MW-6	SW8260B	Methyl-tert-butyl ether (MTBE)		< 0.5	0.5	0.39	UG/L	

12/19/2007	1240	12/29/2007	WG	R14951 MW-7	MW-7	SW8260B	Methyl-tert-butyl ether (MTBE)	11.4	0.5	0.39	UG/L
12/19/2007	0935	12/29/2007	WG	G14951 MW-6	MW-6	8260TPH	Total Petroleum Hydrocarbons (TPH) as Gasoline (TPHG)	47	50	28	UG/L
12/19/2007	1405	12/29/2007	WG	G14951 MW-8	MW-8	8260TPH	Total Petroleum Hydrocarbons (TPH) as Gasoline (TPHG)	14000	4400	2464	UG/L
12/19/2007	1240	12/29/2007	WG	G14951 MW-7	MW-7	8260TPH	Total Petroleum Hydrocarbons (TPH) as Gasoline (TPHG)	54	50	28	UG/L
12/19/2007	1107	12/29/2007	WG	G14951 MW-4	MW-4	8260TPH	Total Petroleum Hydrocarbons (TPH) as Gasoline (TPHG)	63	50	28	UG/L
12/19/2007	1107	12/29/2007	WG	R14951 MW-4	MW-4	SW8260B	tert-Amyl methyl ether (TAME)	< 0.5	0.5	0.32	UG/L
12/19/2007	0935	12/29/2007	WG	R14951 MW-6	MW-6	SW8260B	tert-Amyl methyl ether (TAME)	< 0.5	0.5	0.32	UG/L
12/19/2007	1240	12/29/2007	WG	R14951 MW-7	MW-7	SW8260B	tert-Amyl methyl ether (TAME)	< 0.5	0.5	0.32	UG/L
12/19/2007	1405	12/29/2007	WG	R14951 MW-8	MW-8	SW8260B	tert-Amyl methyl ether (TAME)	< 4.4	4.4	2.816	UG/L
12/19/2007	1107	12/29/2007	WG	R14951 MW-4	MW-4	SW8260B	tert-Butyl alcohol (TBA)	4.02	10	1.5	UG/L
12/19/2007	0935	12/29/2007	WG	R14951 MW-6	MW-6	SW8260B	tert-Butyl alcohol (TBA)	< 10	10	1.5	UG/L
12/19/2007	1405	12/29/2007	WG	R14951 MW-8	MW-8	SW8260B	tert-Butyl alcohol (TBA)	864	88	13.2	UG/L
12/19/2007	1240	12/29/2007	WG	R14951 MW-7	MW-7	SW8260B	tert-Butyl alcohol (TBA)	1.56	10	1.5	UG/L
12/19/2007	1107	12/29/2007	WG	R14951 MW-4	MW-4	SW8260B	Xylenes	< 1.5	1.5	0.74	UG/L
12/19/2007	0935	12/29/2007	WG	R14951 MW-6	MW-6	SW8260B	Xylenes	< 1.5	1.5	0.74	UG/L
12/19/2007	1405	12/29/2007	WG	R14951 MW-8	MW-8	SW8260B	Xylenes	22.4	13.2	6.512	UG/L
12/19/2007	1240	12/29/2007	WG	R14951 MW-7	MW-7	SW8260B	Xylenes	< 1.5	1.5	0.74	UG/L
12/19/2007	1405	1/5/2008	WG	R14987 MW-8	MW-8	SW8260B	Methyl-tert-butyl ether (MTBE)	12700	88	68.64	UG/L

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1435 WEBSTER
ALAMEDA, CA 94501

GEO_WELL DATA

<u>Submitted By</u>		<u>Submitted Date</u>		<u>Confirmation #</u>		<u>Global ID</u>				
NICHOLAS HADDAD (AUTH_RP)		1/25/2008		3425145030		T0600100766				
#	<u>GLOBAL ID</u>	<u>FIELD POINT NAME</u>	<u>STATUS</u>	<u>GW MEAS DATE</u>	<u>DTFPROD</u>	<u>DTW</u>	<u>RISER HT</u>	<u>TOT DEPTH</u>	<u>GW MEAS DESC</u>	<u>SHEEN</u>
1	T0600100766	MW-7	ACT	12/19/2007		9.72				N
2	T0600100766	MW-8	ACT	12/19/2007		10.23				N
3	T0600100766	MW-4	ACT	12/19/2007		10.35				N
4	T0600100766	MW-3	ACT	12/19/2007		10.68				N
5	T0600100766	MW-2	ACT	12/19/2007		10.78				N
6	T0600100766	MW-6	ACT	12/19/2007		10.99				N
7	T0600100766	MW-1	INACT	12/19/2007						
8	T0600100766	MW-5	INACT	12/19/2007						

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YOUR DOCUMENT UPLOAD WAS SUCCESSFUL!

Facility Name: OLYMPIAN #112
Global ID: T0600100766
Title: Fourth Quarter 2007 Groundwater Monitoring Report
Document Type: Monitoring Report - Quarterly
Submittal Type: GEO_REPORT
Submittal Date/Time: 2/4/2008 8:24:00 AM
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