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10:21 am, Jun 13, 2008

Alameda County
Environmental Health

November 2, 2007

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

SUBJECT: THIRD 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 third 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
Why Have

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

THIRD 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:

SEPTEMBER 19, 2007

REPORT DATE:

NOVEMBER 2, 2007



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1.0 INTRODUCTION

On behalf of Olympian JV, TEC Accutite conducted the third quarter 2007 groundwater monitoring event at the former Olympian Service Station, located at 1435 Webster Street, Alameda, California. This event represents the third sampling event that included the newly installed monitoring wells MW-7 and MW-8, and the third 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.
October 1900	son gas analysis periornieu on site reveals night son gas readings.

September 1989	I wo 10,000-gallon	gasoline USTs, one	7,500-gallon diesel L	JST and one
	500-gallon waste	oil UST removed	by TEC Accutite;	Petroleum
	hydrocarbons detec	cted in soil beneath forr	mer 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 futher 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 concentratioins 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) to define the off-

site plume.

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 September 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 on ice in an ice chest, 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, ethanol, 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) (Figure 3). Due to groundwater monitoring well MW-7's location in the overexcavation pit of the former dispenser island, groundwater elevation data from MW-7 was excluded from the calculations of the groundwater contours, flow direction, and hydraulic 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 MTBE were detected in groundwater monitoring well MW-8 (20,400 μ g/L TPHg, 814 μ g/L benzene, 16.2 μ g/L toluene, 219 μ g/L ethylbenzene, 21.6 μ g/L xylenes, 10,300 μ g/L MTBE). Elevated concentrations were also present in groundwater monitoring wells MW-2 (52 μ g/L TPHg, 18.1 μ g/L MTBE) and MW-7 (191 μ g/L TPHg, 5.38 ethylbenzene, 49.6 μ g/L MTBE). In groundwater monitoring well MW-4, no dissolved-phase petroleum hydrocarbons were detected at or above respective laboratory reporting limits, and MTBE was reported below its Environmental Screening Level. No dissolved-phase petroleum hydrocarbons or MTBE 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

 The groundwater potentiometric surface beneath the site appears to be stabilizing from the recent excavation activity. 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 second quarter of 2007, which was to the south-southwest at approximately 0.004 ft/ft.

- Concentrations of dissolved-phase petroleum hydrocarbons and MTBE were detected above respective ESLs in the two groundwater monitoring wells installed on March 9, 2007 (MW-7 and MW-8). Well MW-7 is located approximately 10 feet southwest of former groundwater monitoring well MW-5 and concentrations of petroleum hydrocarbons and MTBE are within the historic range of former well MW-5. Similarly, well MW-8 is located approximately 5 feet south-southwest of former groundwater monitoring well MW-1 and concentrations of petroleum hydrocarbons and MTBE are within the historical range of former well MW-1. MTBE was detected at a concentration above the respective ESL in monitoring well MW-2, but within historical range.
- No dissolved-phase petroleum hydrocarbons were detected at or above respective laboratory reporting limits in groundwater monitoring wells MW-3, MW-4 or MW-6.
- No dissolved-phase MTBE was detected at or above respective laboratory reporting limits in groundwater monitoring wells MW-3 or MW-6.
- On July 10 and 11, 2007, TEC Accutite advanced 13 off-site soil borings, in order to define the off-site plume, and the activities and findings of this investigation are presented in the Additional Site Characterization Report dated September 7, 2007. 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. 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

Ubby Harris

Abby Harris

Environmental Scientist

Reviewed by:

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	Sample	Depth to	Groundwater
	Elevation	Date	Water	Elevation
	(ft msl)		(ft)	(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 10.19	10.80 9.35
		9/29/2000	10.18 8.24	
		3/22/2001 6/25/2001	9.73	11.29 9.80
		9/28/2001	9.73 11.06	9.80 8.47
		12/26/2001	8.11	6.47 11.42
		07/0705	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
		*************Aba		
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
i i				

Table 1 Summary of Historical Groundwater Elevation Data

Former Olympian Service Station 1435 Webster Street Alameda, California

Well ID	TOC	Sample	Depth to	Groundwater
	Elevation	Date	Water	Elevation
	(ft msl)		(ft)	(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
		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
MW-4	19.3	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

Table 1 Summary of Historical Groundwater Elevation Data

Former Olympian Service Station 1435 Webster Street Alameda, California

Well ID	TOC	Sample	Depth to	Groundwater
	Elevation	Date	Water	Elevation
	(ft msl)		(ft)	(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
		******Aba	ndoned 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
	10.55	0/00/555		44.55
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
B #14 / G	40.00	0/00/000	0.10	40.00
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
		0, 10, 200		

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

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

Well ID	Sample	TPHd	TPHg	В	T	Е	Х	MTBE	TRPH
	Date			Concentrati	ons in mic	rograms pe	r liter (µg/L)	
	SL	100	100	1.0	40	30	20	5.0	
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	
	10/19/2005		11,000	2,100	45	370	82	4,600	
	1/13/2006		5,400	680	37	83	41	3,900	
	5/5/2006		<25	2	< 0.5	<0.5	< 0.5	2.2	
	7/19/2006		5,000	836	22.3	107	81.8	1,130	
	10/5/2006		23,000	3,740	112	395	161	6,020	
		*****	*****	**********We	II Abandon	ed 12/27/20	06*******	******	******
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	8.0	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	
	10/19/2005		29	1.4	<0.5 ³	<0.5	<0.5	19	
	1/13/2006		<25	<0.5	<0.5	<0.5	<0.5	<1.0	
	5/5/2006		<25	<0.5	<0.5	<0.5	<0.5	<1.0	
	7/19/2006		<50	<0.5	<0.5	<0.5	<1.5	16.6	
	10/5/2006		<50	< 0.5	<0.5	<0.5	<1.5	11.9	
	3/29/2007		<50	< 0.5	<0.5	<0.5	<1.5	3.36	
	6/27/2007		<50	<0.5	<0.5	<0.5	<1.5	10.5	
	9/19/2007		52 ⁴	<0.5	<0.5	<0.5	<1.5	18.1	

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

Well ID	Sample	TPHd	TPHg	В	Т	E	Х	MTBE	TRPH
	Date			Concentrat	ions in mic	rograms pei	r liter (µg/L)	
E	SL	100	100	1.0	40	30	20	5.0	
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	
	10/19/2005		<25	<0.5	<0.5 ³	<0.5	<0.5	<1.0	
	1/13/2006		<25	<0.5	<0.5	<0.5	<0.5	<1.0	
					<0.5 <0.5	<0.5 <0.5			
	5/5/2006		<25	<0.5			<0.5	<1.0	
	7/19/2006		<50	< 0.5	<0.5	<0.5	<1.5	<0.5	
	10/5/2006		<50	<0.5	<0.5	< 0.5	<1.5	<0.5	
	3/29/2007		<50	<0.5	<0.5	<0.5	<1.5	<0.5	
	6/27/2007		<50	<0.5	<0.5	<0.5	<1.5	<0.5	
	9/19/2007		<50	<0.5	<0.5	<0.5	<1.5	<0.5	
	10/0/1000	400							
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	
	10/19/2005		<25	<0.5	<0.5 3	<0.5	<0.5	<1.0	
	1/13/2006	*******	******	********	***Not sampl		******	*********	*******
	5/5/2006	******	******	*******	***Not sampl		******	******	********
	7/19/2006		<50	<0.5	<0.5	< 0.5	<1.5	<0.5	
	10/5/2006		<50	<0.5	<0.5	< 0.5	<1.5	<0.5	
	3/29/2007		<50	<0.5	<0.5	<0.5	<1.5	0.69	
	9/19/2007		<50	<0.5	<0.5	<0.5	<1.5	1.38	

Table 2 Summary of Groundwater Monitoring Analytical Results

Former Olympian Service Station 1435 Webster Street Alameda, California

Well ID	Sample	TPHd	TPHg	В	T	E	Х	MTBE	TRPH
	Date		1		ions in micı	rograms pe	r liter (µg/L)	
	SL	100	100	1.0	40	30	20	5.0	
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	
	10/19/2005		560	130	3.8	23	9.3	230	
	1/13/2006		2,300	570	18	120	140	220	
	5/5/2006		130	35	1.7	7.8	7.4	8	
	7/19/2006		210	102	1.54	15.8	3.85	27.6	
	10/5/2006		410	105	1.06	9.05	2.24	101	
		*****	*****	*********We	II Abandon	ed 12/27/20	06*******	*********	*****
MW-6	12/6/1999	110	<50	2	2	8.0	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	
	10/19/2005		<25	<0.5	<0.5 3	< 0.5	<0.5	<1.0	
	1/13/2006		<25	< 0.5	<0.5	< 0.5	< 0.5	<1.0	
	5/5/2006		<25	< 0.5	<0.5	< 0.5	< 0.5	<1.0	
	7/19/2006		<50	< 0.5	<0.5	< 0.5	<1.5	<0.5	
	10/5/2006		<50	<05	<0.5	< 0.5	<1.5	<0.5	
	3/29/2007		<50	< 0.5	<0.5	< 0.5	<1.5	<0.5	
	6/27/2007		<50	< 0.5	<0.5	< 0.5	<1.5	<0.5	
	9/19/2007		<50	<0.5	<0.5	<0.5	<1.5	<0.5	
	·								
MW-7	3/29/2007		840	50.8	9.33	2.54	162	39.9	
	6/27/2007		270	126	<0.5	7.11	<1.5	94.4	
	9/19/2007		191 ⁴	0.5	<0.5	5.38	<1.5	49.6	
MW-8	4/6/2007		27,000	2,460	1,520	210	1,810	16,000	
	6/27/2007		20,000	2,460	382	611	1,040	7,310	
	9/19/2007		20,400 ⁴	814	16.2	219	21.6	10,300	

Notes:

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

TPHq = 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

MTBE = Methyl tert-butyl Ether by EPA Method 8020; July 2005 by EPA 8260

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

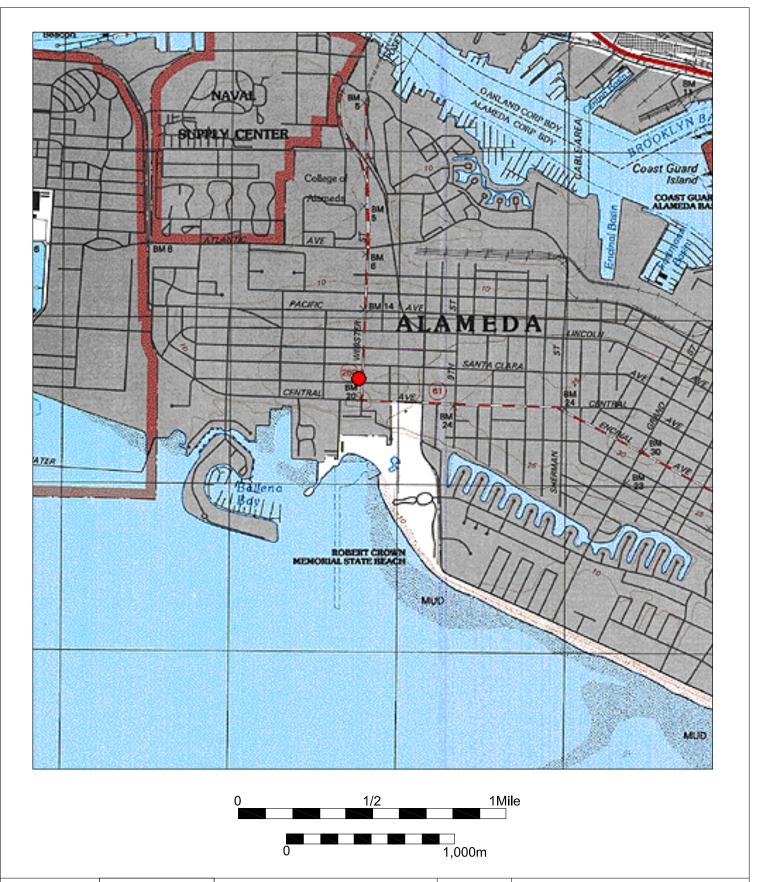
results were less than 5 times in the blank (EPA, Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses, December 1994).

ESLs = Environmental Screening Levels (Table F-1a), groundwater is a current or potential drinking water resource (CRWQCB, Interim Final, February 2005).

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

FIGURES







Site Location

Map By: TOPO! Date: 10/17/2007 Drafted By: LC

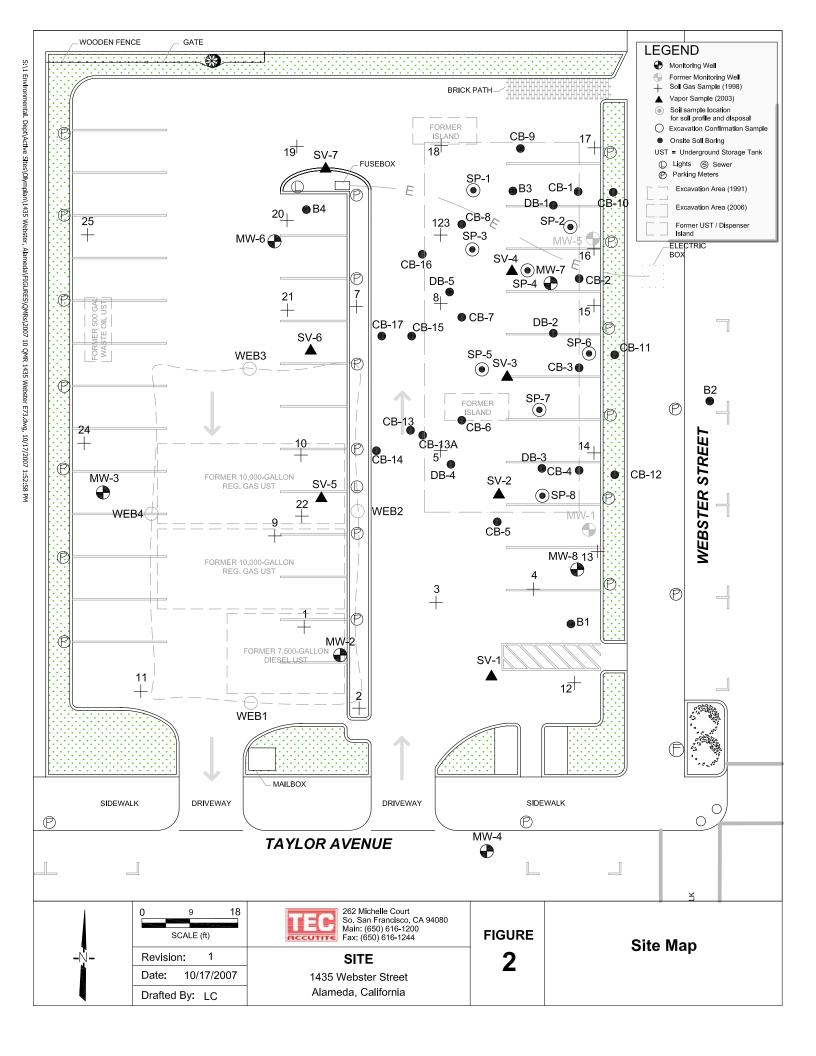
SITE 1435 Webster Street Alameda, California

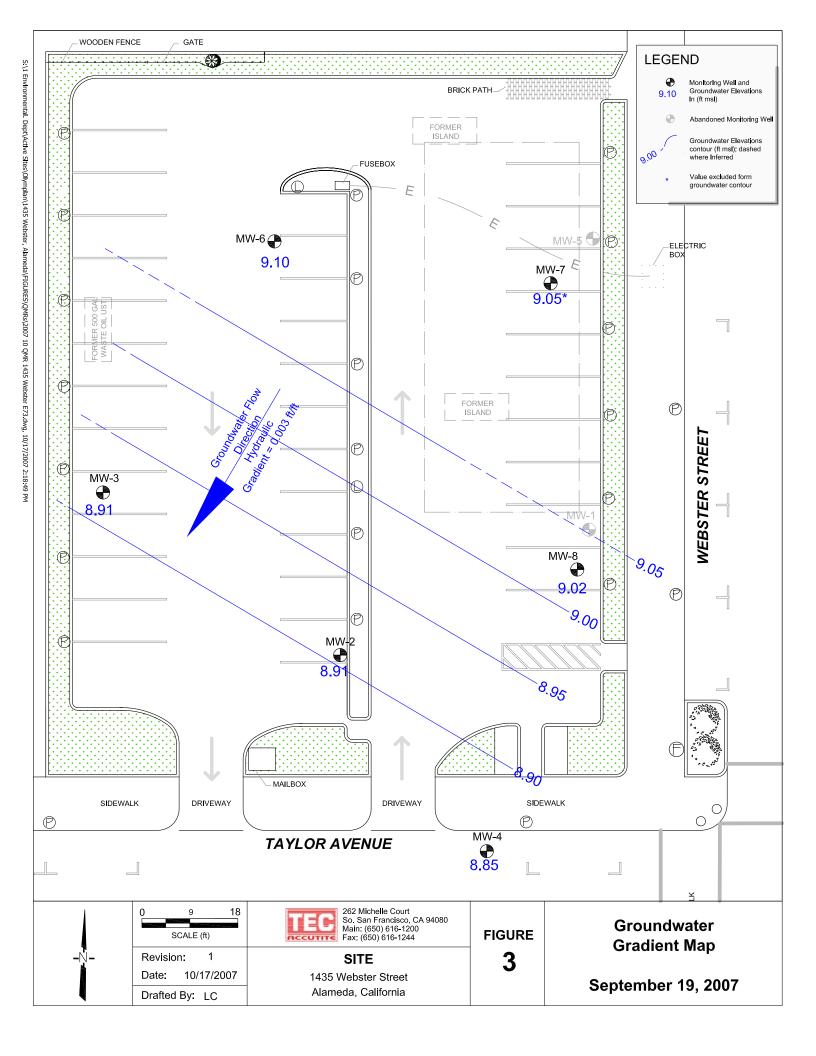
262 Michelle Court So. San Francisco, CA 94080 Main: (650) 616-1200 Fax: (650) 616-1244

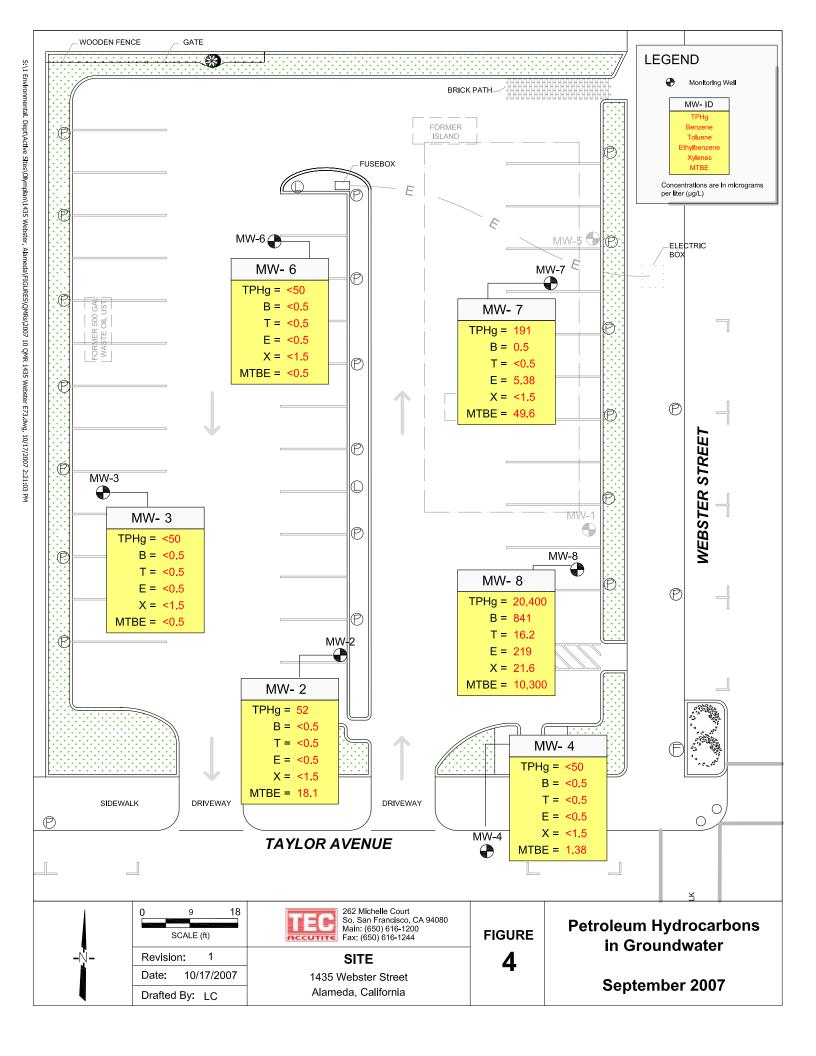
FIGURE

TITLE

Vicinity Map







ATTACHMENT A

WELL SAMPLING LOGS



			TEC A	CCUTITE	Well Da	ita Sheet			
Date: 9/19/0	7	Project:	1435 WE	bster	Project #	1435	Webste	1	Sampler: A.H
Event: 🛭 🖁 3	QMR	Client:	Olymp	ian	Site Addı	ess: /435	- Webs	ter Ave	, Atameda
Well ID	Time	To assert		Measu	rement			Well	Comments
VVEILID	Allile	TOG	DTB	DTW.	DTP:	PT	ELEV	Diameter	
MW-2	10:05		19.30	10,69				a"	
MW-	9:55		21.45	10.80				2"	
MWY	10:14	_	19.60	10.45				2"	
AW-5			19.90						
MW-6	10:00		19.90	11.17				2"	
MW-7 MW-8	10:06		19.83	9.68				4"	
MW-8	10:11		19.85	10-31	_			y ··	
									_
					-				
 -									
		-	_	_					
-									
			_						
-		•						,	
	_								

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)

ELEV = Groundwater Elevation (Feet, Relative to Mean Sea Level)

	to the state of th				TEC A	ccutite				
					er Sample					
	Project#	: 1435	Webster		Purged E	By: A.14		Wel	I I.D.:/	1W-2
	Client Na	.me: <u>0/</u> 9	<u>impian</u>		_ Sampled	By:	4	Wel	ple l.D.: -	MW-2
	Location	- Ma	mxaa_		<u>-</u>			QA S	Samples:	
	Date Purg	ged 9	119107		Start (240	0hr)	11:55	End (240	0hr) _/2	lius
A.	Date Sam	pled	9/19/07		Sample Ti	ne (2400h	r)	13:10		
H.	Sample Ty	/pe:/\G	roundwate	rOthe	er:					
	Casing Di	ameter 2"	<u> </u>	3"	4"	5"	6"	8"	OI	ner
-	Depth to B	Bottom (fed =	et) = <u>19</u> 41	Purge	e (gal) =/	Depth to	Water (feet x 3	(volumes)	= 4.3	ga
					ield Meas				<u> </u>	
	Date (mm/dd/yy)	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity (µmhos/cm)	y pH (units)	Color (visual)	(טדא)	D.O. (mg/l)	Depth (ft)
. }	9/19/0	11.55		21.7		6,26	dear	lau		10.89
		11:58	2.8	20,5	77.8	6.49	brain	med		11.47
		12:05	4.3	2015	77.7	6.76	1f	11		1).91
1										-
									, F	
			11 0	San	nple Info	mation	. i. Trushidi	naor	I his	h
S	ample Depti	to Water	:	nalysis:	67/10	Samp	ole Turbiai	ty:		
00	tor:	gQ	S	ample Vess	el/Preserva	ative: ෮	VUA'S W	1 IHCL		
		Purging	Equipme	nt			Sampling	Equipme Bailer (1	ent	
	_ Bladder P							Bailer (1	reflon)	
	_ Centrifuga _ Submersit				sable)	Centrifuga	I Pump -	≿Bailer (P Bailer (S	vc o <u>disp</u> tainless	Steel
1	_oubmersit _ Peristaltic	_	•			Submersit Peristaltic		Dedicate	d	
Oth	er:				1 '					
	np Depth: _					_ 				
Wel	I Integrity:	gao					ck #:			
NOI	E: To Convei int of galons in	rt water colu	mn height to		II Diameter 2"	A 0.17				
the w	ater column he	eight by A			6"	0.65 1.47				
					8"	2.62			j	,
Sign	atyre;	_						Page	/_ of _/	-

					Accutite				
	_		Wat	er Sampl	e Field D	ata Shee	ŧt		
Project #	4: 1435 V	vebster		Puraed	By: A./-	(We	[.D.:	MW-3
Client N	ame: 0/4	mpian		Sampled	By: A	<u> </u>	San	nole I.D.:	MW-3
Location	: Han	neda		_	-,		 QA :	Samples	:
D-42 D	. 9	110/12			a. 6's				
Date Pur	geu <u>r</u> z	9/19/07		Start (240	UNIT)	<u> </u>	End (240	701117 <u>- L.</u>	
Sample 7	vne:X Gr	oundwate	r Offi	er:	me (2400n	r)	<u> </u>		
Casing D	iameter 2"	<u> </u>	3"	4"		6"	8"	0	ther
Denth to	Rottom (fee	10 = 21	95		Donth to	Water (fee	n = 10.8	 90	
DTR-DTW		15	Pura	e (gal) =	1.9	rialei (iee 23	t) = <u>/o , </u>	<u>= 5, 7</u>	g
D10-0111							(101411100)		
Date	Time	Volume		ield Meas Conductivit		ts Color	Turbidity	D.O.	Depth
	(2400hr)	(gal)	(degrees C) (μmhos/cm)	(units)	(visual)	(NTU)	(mg/l)	(ft)
9/19/07	10:55		30.5	85.7	6.42	brain	med	F	
	10:59	1.9	2/1	80:6	6.31	(1	W 1		11-15
	11:05	3.9	21.2	78.1	6,29		17		11,36
	11:12	5.2	21.0	73,3	6,22	- 1t			11,53
								,	
									
	-								1
	· —								
		115	Sar	nple Info	mation		ty: Ne	A	
								4	
lor:	mo	A	nalysis:	8260	. 2	- (e) F1 * () Is	1 14-61		
							-		
m	Purging I	quipine:	III Teffen)		Sladdor D	sampling	Equipme Bailer (≯III Toflon)	
_ Bladder P _ Centrifuga	ump –) relisa <u> </u>	renon) PVC or Dispos	cable)	Cantrifusa	ասի -	Bailer (F	VC ordist	oosable)
_ Centinuga _ Submersil	ai rump = ble Pump	Bailer (Stainless S	toall	Submarcib	la Dumn -	Bailer (S	Stainless	Steel
Peristaltic		•			Peristaltic		Dedicate	ed	
er:	•			, ,		i ump			
in Denthi									
Integrity:	gur	d			Loc	ck#:			
E: To Conve	rt water colun	nn height to t		II Diameter	A				
int of galons in ater colump	n one well volu eigh⊮bw?A	ume, multiply	<i>'</i>	4"	0.17				
	Ker	/		6"	2.62				
	TUN				2.02				_
ature:							_	/ of _[/ 1

40°70°

						Accutite				
				Wat	er Samp	e Field L	Data Shee	t		
	Project#	1: 1435 1	<u>Webster</u>		_ Purged	By: _ <i>А.</i> /-		Well	I.D.:	4W-4
ļ	Client Na	ame: <u>01</u> 9	<u>impian</u>		_ Sampled	I Ву: _ <i>А</i> :	<u>H</u>	Sam	ple I.D.:	MN-9
ł	Location	: 19141	WIX CI CL		_			QA S	amples:	
	Date Pur	ged _9 _	119107		Start (240	10hr)	'd0	End (240	0hr) <i></i> _	0;4J_
į	Date Sam	ıpled	TITIT		Sample 1	me (2400)	ir) <u>/ 4 / </u>	<u> </u>		
Ŀ	Sample T	ype:XG	roundwate	erOth	er:					
(Ca <u>sing</u> Di	ameter 2"	<u>%</u> :	3"	4"	5"	6"	8″	01	her
E	Depth to E	Bottom (fee	et) = <u>/9</u> ,	60		Depth to	Water (fee	t) = 10.4	5	
C	TB-DTW	= 9.1	<u> </u>	Purg	e (gal) =	1.6	x 3	(volumes) =	:_ 9;#	g
					ield Mea					
	(mm/dd/yy)	Time (2400hr)		(degrees C	Conductivit (µmhos/cm	(units)	Color (visual)	•		Depth (ft)
Į	9/19/02	10:25		2014	128.1	7,30	T	lau		10.45
H		10.30	106	19.7	93.4	6.69	bran	y		-
H		10:45	3.2	19.6	75.5	6.56	(,	+		-
-			- wel	went	dry -					
		· ·						<u>.</u>		
		·								
_										
am	iple Deptl	h to Water:	10.4	Sar	nple Info	rmation Samp	ole Turbidi	ty: <u> av</u>		
				nalysis:				<u> </u>		
loi	r:	nano	S	ample Vess	el/Preserv	ative: 3	VOA'S W	1 1+CL		
		Purging	Equipme	nt			Sampling	Equipme	nt	
						Bladder P	ump _	Bailer (T	eflon)	
				PVC or Dispos	sable)	Centrifuga	I Pump ⊸	Bailer (P)	(C o dispo	Steel
				Stainless S ted				Bailer (St Dedicate	d	
er					ı	Peristaltic	Pump -			
٠.	Depth: _									
In	rtegrity: _	new	cap, bu	oker lid		Lo	ck #:			
nt		one well vol	nn height to lume, multipl		Il Diameter 2" 4" 6"	A 0.17 0.65				
alc				<u> </u>		1.47				1
ato				L	8"	2.62				

40,10

				Wat	TEC A er Sampl	Accutite a Fiold D	lata Shoo	f		
		11120 1	vateria.		er Sampi	A A				MW-6
	Project #	: 1935 V	moices		Purged I	By: <u>/ / / / /</u>		W	ell (.D.:	MW-6 MW-6
	Location	Me: Han	neda.		_ Sampled	By: <u>//·/</u>		Sa	Mbie i.n	·
•						111."	<u></u>			
100		jed	7/19/07		Start (240 Sample Ti	0hr) <u>11-0</u>	× 7	_ End (24 ///4	tuunr)	7.70
20°70.	Sample Ty	piea /pe:XGr	oundwate	rOth	er:	me (2400h	r)			
10	Casing Dia	ameter 2"_	<u> </u>	3"	4"	5"	6"	8"	0	ther
	Depth to B	ottom (fee	(t) = 19,	40		Depth to) = <u>//. / ?</u>	} <u> </u>	
	DTB-DTW	= <u>8. 23</u>	<u> </u>	Purg	e (gal) =	1,4	x 3	(volumes)) = <u>4. d</u>	gal
				F	ield Meas	suremen	ts			
-	Date (mm/dd/yy)	Time (2400hr)	Volume (gal)		Conductivity (µmhos/cm)		Color (visual)	Turbidity (NTU)	D.O. (mg/l)	Depth (ff)
	9/19/07	11:25		20.7	80.1	i,50	clear	kev		11.17
		11:30		21.7	77.5	6.13	6:00 "	ingh		12.31
		11:40	2.8 4.2	21.6	749	6.05	19:00"	1)		12.93
		77 70								
A Prince of the Paris of the Pa										
Piking										
	-	· .	 -							
<u> </u>										
	ample Depth	ta Water	12.78	Sar 7	mple Infor	mation Samo	de Turbidit	v. hig	h	
					8260		Turbian	<i>J.</i>		
0	dor:	np	S	ample Vess	sel/Preserva	ative: 3	VOA'S M	11466		
<u> </u>		ourging l					Sampling		ent	
	_ Bladder Po	•				Bladder Po	ımp –	Bailer	(Teflon)	
. -	_ Centrifuga				sable)	Centrifuga	l Pump 👍	△Bailer (PVC odisp	osable)
· · · · · · · · · · · · · · · · · · ·	Submersib						le Pump -	— Bailer (—Dedicat	Stainless	Steen
	_ Peristaltic ier:					Peristaltic	Pump - 			
Pur	np Depth: _				Ottle	;ı,				
	I Integrity: _					Loc	ck #:			
NO amo	TE: To Conver unt of galons in vater column he	₩ t water colun one well vol	nn height to ume, multipl		11 Diameter 2" 4" 6" 8"	A 0.17 0.65 1.47 2.62				
Sign	aturo!	SU		<u> </u>				Pag	e / of /	-

				TECA	Accutite				
				er Sampl					
	Project #: _/43 Client Name:	5 Webster		Purged	By: A.L	1	We	ell I.D.:/	1w-7
	Client Name:	Olympian		_ Sampled	By:	H	Sar	nple I.D.: -	MN-7
Ì	Location: A	namkaa					O.6	Camplace	
Ì	Date Purged Date Sampled	9/19/07		Start (240	Ohr) /2	:40	End (24	00hr) 12	.55
-	Date Sampled _	9/19/07		Sample Ti	me (2400)	ır) <i>i3 :</i>	/0		
۱۰ [Sample Type:	_Groundwate	rOthe	er:					·
	Ca <u>sing</u> Diameter	2" 3	3"	4" <u>X</u>	5"	6"	8"	Ot	her
	Depth to Bottom	(feet) =	7.83		Depth to	Water (feet	t) =	88	
	DTB-DTW =		Purge	e (gal) =	6.5	x 3	(volumes)	= [9, 4	gal
Γ			F	ield Meas	suremen	ts			
	Date Tim		Temp.	Conductivit	y pH	Color (visual)	Turbidity (พדบ)	D.O. (mg/l)	Depth (ft)
	9/19/07/12:4			278	5.60			T	BH
	/a:		22.0	381	5.99	deer	11		14,76
	12:		21,4		6.17	yella	4		15.93
}	1 25	J 1924	21.1	432	6.28	yelkan			16.54
f		_							
							·		
	1								
L									
		711	9 San	nple Info	rmation		las		.
3aı	mple Depth to Wa	ater:	g San		Samı	ole Turbidit	ty: <u>(aw</u>		
	or: Nay	Δ	.nalysis: ample Vess	8000					
)d(ng Equipme		- Teserva			Equipm	enf	
	Bladder Pump	ng Equipmo Bailer (Bladder P		Bailer (
	Centrifugal Pum		-	able)	Centrifuga	ıl Pump <i>-</i> €	≿Bailer (PVC odispo	sable)
	Submersible Pun	npBailer (Stainless St	teel) :	Submersil	ole Pump -	Bailer (Stainless :	Steel
	Peristaltic Pump	Dedicat	ted	I	Peristaltic	Pump -	Dedicat	ed	
	r: o Depth:			— Othe	er:				
	ntegrity:				Lo	ck #:_ NW	J.		
TE oun	To Convert water of galons in one we er column height by a	ll volume, multiply		1 Diameter 2" 4" 6" 8"	0.17 0.65 1.47 2.62				
nat (A Bu)					Page	<u>∍ </u>	

	and the same				TEC A	Accutite				
				Wate	er Sampl	e Field D	Data Shee	et		
	Project #	4: 1435	Webster		Purged	By: A.1-	1	Wel Sam QA S		4W-8
	Client Na	ame: <u>0 [</u>	impian_	-	_ Sampled	By: _ #	H	Sam	ple I.D.:	MW-8
	Location	: Ha	meda_		-			QA S	Samples:	
	Date Pur	ged	119107		Start (240	Ohr) /3:	3 3	End (240 74:40	0hr)	1.96
A.	Date San	npled	9/19/07		Sample Ti	me (2400h	ır) <u> </u>	74:40		
\ - -			roundwate							
	I							8"		ther
	Depth to DTB-DTW	Bottom (fe	et) =/ 9,54	<u>9.85 </u>	 e (gal) =	Depth to	Water (fee	t) = <u>/0,3</u> (volumes) =	1 = 18,6	gal
				F	ield Meas	suremen	ts			
	Date (mm/dd/yy)		Volume (gal)		(µmhos/cm	(units)	Color (visual)	Turbidity (NTU)	D.O. (mg/l)	Depth (ft)
	9/19/07		6.00	208	225	7.20	clear	lan		14.5
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	} 	13:46	18do 15		wen		9.9	7700		
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				Carl]
				San	nple Info	rmation	1,5			
s	ample Dept	h to Water				Samp	ole Turbidi	ty:		
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	_ Bladder P		Bailer (Bladder P		g Equipme Bailer (T		
	Centrifug	•	-		able)	Centrifuga	l Pump 🔫	Bailer (P	VC odispo	
12	🖔 Submersi					Submersib	ole Pump -	Bailer (S	tainless	Steel
-	_ Peristaltic her:	_		ed	1 '	Peristaltic	, amp	Dedicate		
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NO	TE: To Conve	rt water colu	mn height to t	otal Wel	I Diameter	A				1
	unt of galons is vater column h		lume, multiply	'	2" 4"	0.17				
	∕ 1 ₄	•			8"	2.62				
Sign	nature:	1.1						Page	/ of /	
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ATTACHMENT B

LABBORATORY REPORT AND CHAIN-OF-CUSTODY DOCUMENTATION





TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

www.torrentlab.com

Order No.: 0709122

September 27, 2007

Abby Harris TEC Accutite 262 Michelle Ct South San Francisco, CA 94080

TEL: 650-616-1200 FAX 650-616-1244

RE: 1435 Webster Ave

Dear Abby Harris:

Torrent Laboratory, Inc. received 6 samples on 9/20/2007 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.

09-27-07 Date

Sincerely,

Laboratory Director

Patti Sandrock

OA Officer



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

Date Received: 9/20/2007 **Date Reported:**

TEC Accutite

MW-2

Lab Sample ID: 0709122-001

1435 Webster Ave

Date Prepared: 9/24/2007

Sample Location: Sample Matrix:

Client Sample ID:

GROUNDWATER

Date/Time Sampled 9/19/2007 12:10:00 PM

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
1,2-Dichloroethane (EDC)	SW8260B	9/24/2007	0.5	1	0.500	0.710	μg/L	R13979
Benzene	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Ethyl tert-butyl ether (ETBE)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Ethylbenzene	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Isopropyl ether (DIPE)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Methyl tert-butyl ether (MTBE)	SW8260B	9/24/2007	0.5	1	0.500	18.1	μg/L	R13979
t-Butyl alcohol (t-Butanol)	SW8260B	9/24/2007	10	1	10.0	ND	μg/L	R13979
tert-Amyl methyl ether (TAME)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Toluene	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Xylenes, Total	SW8260B	9/24/2007	1.5	1	1.50	ND	μg/L	R13979
Surr: Dibromofluoromethane	SW8260B	9/24/2007	0	1	61.2-131	98.2	%REC	R13979
Surr: 4-Bromofluorobenzene	SW8260B	9/24/2007	0	1	64.1-120	96.3	%REC	R13979
Surr: Toluene-d8	SW8260B	9/24/2007	0	1	75.1-127	81.6	%REC	R13979
TPH (Gasoline)	SW8260B(TPH)	9/24/2007	50	1	50	52x	μg/L	G13979
Surr: 4-Bromofllurobenzene	SW8260B(TPH)	9/24/2007	0	1	58.4-133	103	%REC	G13979

Note:x-Does not match typical gasoline pattern. TPH Gasoline result is due to individual peak within the gasoline quantitative range. See Method 8260 resulta.

TEC Accutite

Date Received: 9/20/2007

Date Reported:

Client Sample ID: MW-3

Sample Location: 1435 Webster Ave Sample Matrix: GROUNDWATER

Sample Matrix: GRO **Date/Time Sampled** 9/19

9/19/2007 11:15:00 AM

Lab Sample ID: 0709122-002 **Date Prepared:** 9/24/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
1,2-Dichloroethane (EDC)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Benzene	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Ethyl tert-butyl ether (ETBE)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Ethylbenzene	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Isopropyl ether (DIPE)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Methyl tert-butyl ether (MTBE)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
t-Butyl alcohol (t-Butanol)	SW8260B	9/24/2007	10	1	10.0	ND	μg/L	R13979
tert-Amyl methyl ether (TAME)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Toluene	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Xylenes, Total	SW8260B	9/24/2007	1.5	1	1.50	ND	μg/L	R13979
Surr: Dibromofluoromethane	SW8260B	9/24/2007	0	1	61.2-131	104	%REC	R13979
Surr: 4-Bromofluorobenzene	SW8260B	9/24/2007	0	1	64.1-120	95.0	%REC	R13979
Surr: Toluene-d8	SW8260B	9/24/2007	0	1	75.1-127	91.5	%REC	R13979
TPH (Gasoline)	SW8260B(TPH)	9/24/2007	50	1	50	ND	μg/L	G13979
Surr: 4-Bromofllurobenzene	SW8260B(TPH)	9/24/2007	0	1	58.4-133	103	%REC	G13979

TEC Accutite

Date Received: 9/20/2007

Date Reported:

Client Sample ID: MW-4

Sample Location: 1435 Webster Ave

Sample Matrix: GROUNDWATER **Date/Time Sampled** 9/19/2007 2:20:00 PM

Lab Sample ID: 0709122-003 **Date Prepared:** 9/24/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
1,2-Dichloroethane (EDC)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Benzene	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Ethyl tert-butyl ether (ETBE)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Ethylbenzene	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Isopropyl ether (DIPE)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Methyl tert-butyl ether (MTBE)	SW8260B	9/24/2007	0.5	1	0.500	1.38	μg/L	R13979
t-Butyl alcohol (t-Butanol)	SW8260B	9/24/2007	10	1	10.0	ND	μg/L	R13979
tert-Amyl methyl ether (TAME)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Toluene	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Xylenes, Total	SW8260B	9/24/2007	1.5	1	1.50	ND	μg/L	R13979
Surr: Dibromofluoromethane	SW8260B	9/24/2007	0	1	61.2-131	103	%REC	R13979
Surr: 4-Bromofluorobenzene	SW8260B	9/24/2007	0	1	64.1-120	97.4	%REC	R13979
Surr: Toluene-d8	SW8260B	9/24/2007	0	1	75.1-127	104	%REC	R13979
TPH (Gasoline)	SW8260B(TPH)	9/24/2007	50	1	50	ND	μg/L	G13979
Surr: 4-Bromofllurobenzene	SW8260B(TPH)	9/24/2007	0	1	58.4-133	103	%REC	G13979

TEC Accutite

Date Received: 9/20/2007

Date Reported:

Client Sample ID: MW-6

Sample Location: 1435 Webster Ave **Sample Matrix:** GROUNDWATER

Date/Time Sampled 9/19/2007 11:45:00 AM

Lab Sample ID: 0709122-004 **Date Prepared:** 9/24/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
1,2-Dichloroethane (EDC)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Benzene	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Ethyl tert-butyl ether (ETBE)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Ethylbenzene	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Isopropyl ether (DIPE)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Methyl tert-butyl ether (MTBE)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
t-Butyl alcohol (t-Butanol)	SW8260B	9/24/2007	10	1	10.0	ND	μg/L	R13979
tert-Amyl methyl ether (TAME)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Toluene	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Xylenes, Total	SW8260B	9/24/2007	1.5	1	1.50	ND	μg/L	R13979
Surr: Dibromofluoromethane	SW8260B	9/24/2007	0	1	61.2-131	96.0	%REC	R13979
Surr: 4-Bromofluorobenzene	SW8260B	9/24/2007	0	1	64.1-120	94.4	%REC	R13979
Surr: Toluene-d8	SW8260B	9/24/2007	0	1	75.1-127	86.7	%REC	R13979
TPH (Gasoline)	SW8260B(TPH)	9/24/2007	50	1	50	ND	μg/L	G13979
Surr: 4-Bromofllurobenzene	SW8260B(TPH)	9/24/2007	0	1	58.4-133	103	%REC	G13979

TEC Accutite

Date Received: 9/20/2007

Date Reported:

Client Sample ID: MW-7

Sample Location: 1435 Webster Ave

Sample Matrix: GROUNDWATER **Date/Time Sampled** 9/19/2007 1:10:00 PM

Lab Sample ID: 0709122-005 **Date Prepared:** 9/24/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
1,2-Dichloroethane (EDC)	SW8260B	9/24/2007	0.5	1	0.500	4.37	μg/L	R13979
Benzene	SW8260B	9/24/2007	0.5	1	0.500	0.500	μg/L	R13979
Ethyl tert-butyl ether (ETBE)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Ethylbenzene	SW8260B	9/24/2007	0.5	1	0.500	5.38	μg/L	R13979
Isopropyl ether (DIPE)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Methyl tert-butyl ether (MTBE)	SW8260B	9/24/2007	0.5	1	0.500	49.6	μg/L	R13979
t-Butyl alcohol (t-Butanol)	SW8260B	9/24/2007	10	1	10.0	28.5	μg/L	R13979
tert-Amyl methyl ether (TAME)	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Toluene	SW8260B	9/24/2007	0.5	1	0.500	ND	μg/L	R13979
Xylenes, Total	SW8260B	9/24/2007	1.5	1	1.50	ND	μg/L	R13979
Surr: Dibromofluoromethane	SW8260B	9/24/2007	0	1	61.2-131	96.9	%REC	R13979
Surr: 4-Bromofluorobenzene	SW8260B	9/24/2007	0	1	64.1-120	104	%REC	R13979
Surr: Toluene-d8	SW8260B	9/24/2007	0	1	75.1-127	108	%REC	R13979
TPH (Gasoline)	SW8260B(TPH)	9/24/2007	50	1	50	191x	μg/L	G13979
Surr: 4-Bromofllurobenzene	SW8260B(TPH)	9/24/2007	0	1	58.4-133	103	%REC	G13979

Note: x - TPH Gasoline value is primarily due to individual peaks within gasoline quantitative range. See Method 8260 results..

TEC Accutite

Date Received: 9/20/2007

Lab Sample ID: 0709122-006

Date Prepared: 9/24/2007-9/25/2007

Date Reported:

Client Sample ID: MW-8

1435 Webster Ave

Sample Location: Sample Matrix:

GROUNDWATER

Date/Time Sampled

9/19/2007 2:40:00 PM

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	9/24/2007	0.5	8.8	4.40	ND	μg/L	R13979
1,2-Dichloroethane (EDC)	SW8260B	9/24/2007	0.5	8.8	4.40	194	μg/L	R13979
Benzene	SW8260B	9/24/2007	0.5	8.8	4.40	814	μg/L	R13979
Ethyl tert-butyl ether (ETBE)	SW8260B	9/24/2007	0.5	8.8	4.40	ND	μg/L	R13979
Ethylbenzene	SW8260B	9/24/2007	0.5	8.8	4.40	219	μg/L	R13979
Isopropyl ether (DIPE)	SW8260B	9/24/2007	0.5	8.8	4.40	ND	μg/L	R13979
Methyl tert-butyl ether (MTBE)	SW8260B	9/25/2007	0.5	88	44.0	10300	μg/L	R13979
t-Butyl alcohol (t-Butanol)	SW8260B	9/25/2007	10	88	880	7080	μg/L	R13979
tert-Amyl methyl ether (TAME)	SW8260B	9/24/2007	0.5	8.8	4.40	ND	μg/L	R13979
Toluene	SW8260B	9/24/2007	0.5	8.8	4.40	16.2	μg/L	R13979
Xylenes, Total	SW8260B	9/24/2007	1.5	8.8	13.2	21.6	μg/L	R13979
Surr: Dibromofluoromethane	SW8260B	9/24/2007	0	8.8	61.2-131	95.3	%REC	R13979
Surr: Dibromofluoromethane	SW8260B	9/25/2007	0	88	61.2-131	97.3	%REC	R13979
Surr: 4-Bromofluorobenzene	SW8260B	9/25/2007	0	88	64.1-120	103	%REC	R13979
Surr: 4-Bromofluorobenzene	SW8260B	9/24/2007	0	8.8	64.1-120	101	%REC	R13979
Surr: Toluene-d8	SW8260B	9/25/2007	0	88	75.1-127	102	%REC	R13979
Surr: Toluene-d8	SW8260B	9/24/2007	0	8.8	75.1-127	107	%REC	R13979
TPH (Gasoline)	SW8260B(TPH)	9/25/2007	50	88	4400	20400x	μg/L	G13979
Surr: 4-Bromofllurobenzene	SW8260B(TPH)	9/25/2007	0	88	58.4-133	94.8	%REC	G13979

Note: x - TPH Gasoline value is primarily due to individual peaks within gasoline quantitative range. See Method 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.
а	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 #

Date: 27-Sep-07

CLIENT: TEC Accutite Work Order:

Project:

0709122

1435 Webster Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: G13979

Sample ID: MB-G Client ID: ZZZZZ	SampType: MBLK Batch ID: G13979		e: TPH_GAS o: SW8260B	S_W Units: µg/L (TP		Prep Da Analysis Da	te: 9/24/20		RunNo: 139 SeqNo: 202		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline) Surr: 4-Bromofllurobenzene	ND 12.00	50 0	11.36	0	106	58.4	133				
Sample ID: LCS-G	SampType: LCS	TestCod	e: TPH_GAS	s_ W Units: μg/L		Prep Da	te: 9/24/20	07	RunNo: 139	979	
Client ID: ZZZZZ	Batch ID: G13979	TestN	o: SW8260B	(TP		Analysis Da	te: 9/24/20	07	SeqNo: 202	2839	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	222.0	50	227	0	97.8	52.4	127				
Surr: 4-Bromofllurobenzene	12.00	0	11.36	0	106	58.4	133				
Sample ID: LCSD-G	SampType: LCSD	TestCod	e: TPH_GAS	s_W Units: μg/L		Prep Da	te: 9/24/20	07	RunNo: 139	979	
Client ID: ZZZZZ	Batch ID: G13979	TestN	o: SW8260B	(TP		Analysis Da	te: 9/24/20	07	SeqNo: 202	2840	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	227.0	50	227	0	100	52.4	127	222	2.23	20	
Surr: 4-Bromofllurobenzene	11.00	0	11.36	0	96.8	58.4	133	0	0	0	

RPD outside accepted recovery limits

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Page 1 of 3

CLIENT: TEC Accutite Work Order: 0709122

ANALYTICAL QC SUMMARY REPORT

Project: 1435 Webster Ave BatchID: R13979

Sample ID: MB Client ID: ZZZZZ	SampType: MBLK Batch ID: R13979		de: 8260B_W No: SW8260B	Units: µg/L		Prep Da Analysis Da	te: 9/25/20		RunNo: 139 SeqNo: 202		
Client ID. ZZZZZ	Datch ID. K13979	1620	NO. 3440200B			Alialysis Da	le. 9/23/20	U1	3eq110. 202	2739	
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	11.64	0	11.36	0	102	61.2	131				
Surr: 4-Bromofluorobenzene	11.67	0	11.36	0	103	64.1	120				
Surr: Toluene-d8	12.22	0	11.36	0	108	75.1	127				
Sample ID: LCS	SampType: LCS	TestCo	de: 8260B_W	Units: µg/L		Prep Da	te: 9/24/20	07	RunNo: 139	79	
Client ID: ZZZZZ	Batch ID: R13979	TestN	No: SW8260B			Analysis Da	te: 9/24/20	07	SeqNo: 202	2740	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	17.41	0.500	17.04	0	102	66.9	140				
Toluene	19.01	0.500	17.04	0	112	76.6	123				
Surr: Dibromofluoromethane	10.43	0	11.36	0	91.8	61.2	131				
Surr: 4-Bromofluorobenzene	11.91	0	11.36	0	105	64.1	120				
Surr: Toluene-d8	11.77	0	11.36	0	104	75.1	127				
Sample ID: LCSD	SampType: LCSD	TestCod	de: 8260B_W	Units: µg/L		Prep Da	te: 9/24/20	07	RunNo: 139	979	
Client ID: ZZZZZ	Batch ID: R13979	Test	No: SW8260B			Analysis Da	te: 9/24/20	07	SeqNo: 202	2741	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	15.60	0.500	17.04	0	91.5	66.9	140	17.41	11.0	20	
Toluene	17.29	0.500	17.04	0	101	76.6	123	19.01	9.48	20	

Qualifiers: Value above quantitation range

ND Not Detected at the Reporting Limit

Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Page 2 of 3

CLIENT: TEC Accutite Work Order:

0709122

Project: 1435 Webster Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: R13979

Sample ID: LCSD	SampType: LCSD	TestCoo	de: 8260B_W	Units: µg/L		Prep Da	te: 9/24/20	07	RunNo: 139	79	
Client ID: ZZZZZ	Batch ID: R13979	TestN	lo: SW8260B			Analysis Da	te: 9/24/20	07	SeqNo: 202	2741	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	10.34	0	11.36	0	91.0	61.2	131	0	0	0	
Surr: 4-Bromofluorobenzene	10.32	0	11.36	0	90.8	64.1	120	0	0	0	
Surr: Toluene-d8	10.79	0	11.36	0	95.0	75.1	127	0	0	0	

Analyte detected below quantitation limits



483 Sinclair Frontage Road Milpitas, CA 95035 Phone: 408.263.5258 FAX: 408.263.8293

CHAIN OF CUSTODY

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• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY

LAB WORK ORDER NO 9122

Company Name: TEC ACCUTTE	(dD.50m	Location of Sampling:	1735 Webster Ave	
Address: 262 Michelle Ct.		Purpose: Q3 QH	R Sampling	
City: SSF State: CA	Zip Code:94080		mments: Run to ESL's	
Telephone: (650) 616-1200 FAX: -/144	(GLEBAL 1.D.	TO 6 00 100 76	
REPORT TO: Abby Haras SAMPLER:		P.O.#:		we tecaccute can
- ,	LE TYPE: REPORT F	FORMAT: x		1
7 Work Days	rm Water Air ste Water Other und Water Air Other EDF Excel / E	crys.		ANALYSIS REQUESTED Field Duta Pb
LAB ID CLIENT'S SAMPLE I.D. DATE / 1 SAMPL	TIME MATRIX # OF CONT	CONT TYPE THE CONT		REMARKS
01A MW-2 9/19/07/	(A) (F) (BA)	VOA'S / X X		MW-a
	:16			MW-3 8
20	1:20			MW-4.
-MW-5 44				WW-7
04A MW-6 /11	145			MW-6
050 MW-7 4119/13	:10			MW-6 MW-7 MW-8
	140 1	1-11		MW-8
1 Abby How Abby Harris	Date: Time:	Received By:	Print: [Pate: Time; 9/20
2 Relinquished By: Print:	Date: 9/20 Time: /3	Received By	Ma Print: Anil [Date: 7 /2 Time: 7 40
Were Samples Received in Good Condition? Tes NOTE: Samples	2	s NO Method of Shipme		nple seals intact? Yes NO N/A
NOTE: Samples are discarded by the laboratory 30 days	from date of receipt unless other		Date:	Pageof

ATTACHMENT C

GEOTRACKER SUBMISSION CONFIRMATIONS



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Confirmation Number: 5156171917

Date/Time of Submittal: 10/17/2007 3:09:38 PM

Facility Global ID: T0600100766

Facility Name: OLYMPIAN #112

Submittal Title: Third Quarter 2007 Groundwater Monitoring Report

Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

OLYMPIAN #112

Regional Board - Case #: 01-0832

SAN FRANCISCO BAY RWQCB (REGION 2)

Local Agency (lead agency) - Case #: RO0000193

ALAMEDA COUNTY LOP - (SP)

CONF #TITLEQUARTER5156171917Third Quarter 2007 Groundwater Monitoring ReportQ3 2007

SUBMITTED BY SUBMIT DATE STATUS

Nicholas Haddad 10/17/2007 PENDING REVIEW

SAMPLE DETECTIONS REPORT

FIELD POINTS SAMPLED 6
FIELD POINTS WITH DETECTIONS 4
FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL 2
SAMPLE MATRIX TYPES GROUNDWATER

METHOD QA/QC REPORT

METHODS USED 8260TPH,SW8260B
TESTED FOR REQUIRED ANALYTES? Y
LAB NOTE DATA QUALIFIERS N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS 0 METHOD HOLDING TIME VIOLATIONS 0 LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT 0 LAB BLANK DETECTIONS 0 DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING? - LAB METHOD BLANK Υ - MATRIX SPIKE Ν - MATRIX SPIKE DUPLICATE Ν - BLANK SPIKE Υ - SURROGATE SPIKE - NON-STANDARD SURROGATE USED

WATER SAMPLES FOR 8021/8260 SERIES

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

1 of 2 10/17/2007 3:18 PM

MATRIX SPIKE / MATRIX	SPIKE DUPLICATE(S) RPD LESS	THAN 30%	n/a			
SURROGATE SPIKES % R	ECOVERY BETWEEN 85-115%		n/a			
BLANK SPIKE / BLANK SP	IKE DUPLICATES % RECOVERY	BETWEEN 70-130%	Υ			
SOIL SAMPLES FOR 80	021/8260 SERIES					
MATRIX SPIKE / MATRIX	SPIKE DUPLICATE(S) % RECOV	ERY BETWEEN 65-135%	n/a			
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%						
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%						
BLANK SPIKE / BLANK SP	IKE DUPLICATES % RECOVERY	BETWEEN 70-130%	n/a			
FIELD QC SAMPLES						
SAMPLE	COLLECTED	DETECTIONS >	REPDL			
QCTB SAMPLES	N	0				
QCEB SAMPLES	N	0				
QCAB SAMPLES N 0						

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Report

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Title: Third Quarter 2007 Groundwater Monitoring

Report

Document Type: Monitoring Report - Quarterly

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