

### Technology, Engineering & Construction, Inc.

262 Michelle Court • So. San Francisco, CA 94080-6201 • Contractor's Lic. #762034 Tel: (650) 616-1200 • Fax: (650) 616-1244 • www.tecaccutite.com

#### RECEIVED

2:03 pm, Aug 09, 2007

Alameda County Environmental Health

August 6, 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: SECOND 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, TEC Accutite is pleased to submit this second 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** 

12-5.-

Nathan W. Smith Project Geologist

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

#### SECOND QUARTER 2007 GROUNDWATER MONITORING REPORT

FORMER OLYMPIAN SERVICE STATION 1435 WEBSTER STREET ALAMEDA, CALIFORNIA 94501

**PREPARED FOR:** 

OLYMPIAN

AND

ALAMEDA COUNTY HEALTH AGENCY

SAMPLING DATE:

JUNE 27, 2007

**REPORT DATE:** 

AUGUST 6, 2007



#### TABLE OF CONTENTS

#### PAGE

1.0	INTRODUCTION	1
2.0	SITE DESCRIPTION	1
3.0	ENVIRONMENTAL BACKGROUND	1
3.1	Site Timeline	1
3.2	Site Condition	2
4.0	GROUNDWATER MONITORING	2
4.1	Sampling Methods	2
4.2	Electronic Laboratory Data Submittal	3
5.0	RESULTS	3
5.1	Groundwater Elevation and Flow Direction	3
5.2	Petroleum Hydrocarbons in Groundwater	3
6.0	CONCLUSIONS AND RECOMMENDATIONS	3
7.0	LIMITATIONS	4

#### TABLES

1	SUMMARY OF GROUNDWATER ELEVATION DATA
---	---------------------------------------

2 SUMMARY OF GROUNDWATER MONITORING ANALYTICAL RESULTS

#### FIGURES

- 1 VICINITY MAP
- 2 SITE MAP
- 3 GROUNDWATER GRADIENT MAP
- 4 PETROLEUM HYDROCARBONS IN GROUNDWATER

#### ATTACHMENTS

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



#### 1.0 INTRODUCTION

On behalf of Olympian, TEC Accutite conducted the second quarter 2007 groundwater monitoring event at the former Olympian Service Station, located at 1435 Webster Street, Alameda, California. This event represents the second sampling event that included the newly installed monitoring wells MW-7 and MW-8, and the second sampling event following the completion of soil excavation activities during February 2007. Presented herein are the site environmental background and results of the 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

#### 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 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);

#### 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), and activities are progressing towards site closure. Locations of site monitoring wells are presented in Figure 2.

#### 4.0 GROUNDWATER MONITORING

#### 4.1 Sampling Methods

On June 27, 2007, a technician from TEC Accutite uncapped all site wells and allowed the water level in each well to fully equilibrate prior to gauging. 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). Water levels in each well were allowed to recover to 80% of the prepurge level prior to collection of groundwater samples. Following purging and recovery, groundwater samples were collected from the wells with a disposable bailer and transferred into HCL preserved VOAs. The samples were labeled, placed on ice in an ice chest, and delivered to *Torrent Laboratory, Inc.*, a California 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. Well sampling logs are presented in Attachment A. 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 California 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 southsouthwest at a gradient of approximately 0.004 feet/foot (ft/ft) (Figure 3). 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 monitoring well MW-8 (20,000  $\mu$ g/L TPHg, 2,460  $\mu$ g/L benzene, 382  $\mu$ g/L toluene, 611  $\mu$ g/L ethylbenzene, 1,040  $\mu$ g/L xylenes, 7,310  $\mu$ g/L MTBE). Elevated concentrations were also present in monitoring wells MW-2 (10.5  $\mu$ g/L MTBE) and MW-7 (270  $\mu$ g/L TPHg, 126  $\mu$ g/L benzene, 7.11 ethylbenzene, 94.4  $\mu$ g/L MTBE). No dissolved-phase petroleum hydrocarbons or MTBE were detected at or above respective laboratory reporting limits in remaining monitoring wells MW-3, MW-4 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 monitoring event, groundwater flow appears to be to the south-southwest at a gradient of approximately 0.004 ft/ft. This is consistent with the fourth quarter of 2006, which was to the south-southwest at approximately 0.005 ft/ft.
- Concentrations of dissolved-phase petroleum hydrocarbons and MTBE were detected above respective ESLs in the two monitoring wells installed on March 9, 2007 (MW-7 and MW-8); Well MW-7 is located approximately 10 feet southwest of former monitoring well MW-5 and concentrations of petroleum hydrocarbons and MTBE are within the historic range of former well MW-5. Similarly, MW-8 is located approximately 5 feet southsouthwest of former 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 nor MTBE were detected at or above respective laboratory reporting limits in monitoring wells MW-3, MW-4 and 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 in preparation. TEC Accutite will continue to monitor all active wells associated with the site on a quarterly basis in preparation for applying for site closure.



#### 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.

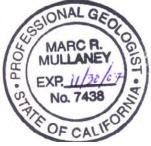
Thank you for your cooperation and assistance with this project. If you have any questions or concerns, please contact the undersigned at (650) 616-1200.

Sincerely, **TEC** Accutite

Nathan W. Smith **Project Geologist** 

Reviewed by:

Marc Mullaney, PG # 7438 Project Manager





TABLES



# Table 1Summary of Historical Groundwater Elevation DataFormer Olympian Service Station1435 Webster StreetAlameda, California

Well ID	ТОС	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	10.80
		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
		07/0705	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	indoned 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

# Table 1Summary of Historical Groundwater Elevation DataFormer Olympian Service Station1435 Webster StreetAlameda, California

Well ID	тос	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
	10.0	40/0/4000	40.70	0.54
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 6/25/2001	8.26	11.04
			9.68	9.62
		9/28/2001 12/26/2001	10.98 8.18	8.32 11.12
		7/7/2005	8.77	10.53
		10/19/2005	10.24	9.06
		1/13/2005	(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
		0,21,2001	0.10	0.00

# Table 1Summary of Historical Groundwater Elevation DataFormer Olympian Service Station1435 Webster StreetAlameda, California

Well ID	тос	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	20.07	4.2/6/4000	11.40	0.01
101 00-00	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 10/19/2005	9.10 10.88	11.17 9.39
		1/13/2006 5/5/2006	7.33 6.53	12.94 13.74
		7/19/2006 10/5/2006	8.64 10.29	11.63 9.98
		3/29/2007	9.01	9.98 11.26
		6/27/2007	10.14	10.13
		0/21/2001	10.14	10.15
MW-7	18.93	3/29/2007	7.90	11.03
		6/27/2007	8.87	10.06
MW-8	19.33	3/29/2007	8.40	10.93
		6/27/2007	9.33	10.00
Notes:				
TOC = Top of C	U			
	erenced to mean s	sea level		
= Not Availab				
(1) = Well not ac	cessible due to ob	ostruction by a parke	ed car	

## 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 micr	ograms 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	
		*******	******	*****W	ell Abandon	ed 12/27/2	006*********	******	*******
MW-2	6/3/1993	<50	<50	5.8	<0.5	<0.5	<0.5		<500
10100-2	9/14/1994	<50 <50	<50 <50	<0.5	<0.5	<0.5 <0.5	<0.5		<500
	12/30/1994	<50 <50	160	1.4	1.4	0.8	<0.5 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 <50	<0.5	<0.5	<0.5 <0.5	<0.5	75	
	6/23/1999	420	<50 <50	<0.5	<0.5	<0.5 <0.5	<0.5	96	
	12/6/1999	<110	300	28	<0.5 45	<0.5 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 <0.5	<0.0 1	86 (2)	
	3/22/2000	<50	<50	1	0.5	<0.5 <0.5	1	14	
	6/25/2001		<50	<0.5	<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	<0.5	<1.0	
	7/19/2006		<50	<0.5	<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	

## 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
Weinib	Date				tions in micr				
E	SL	100	100	1.0	40	<u>30</u>	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	
	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	<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	
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 samp		************	**************	************
	5/5/2006		EO		*****Not samp				
	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	
	6/27/2007		<50	<0.5	<0.5	<0.5	<1.5	<0.5	

## Table 2 Summary of Groundwater Monitoring Analytical Results Former Olympian Service Station

1435 Webster Street Alameda, California

Well ID	Sample	TPHd	TPHg	В	Т	Е	Х	MTBE	TRPF
	Date		_	Concentrat	tions in micro	ograms 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	
		******	******	********W	ell Abandon	ed 12/27/2	006*********	*****	*******
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	
	12/26/2001 7/7/2005 10/19/2005		<50 <50 <25	<0.5 <0.5 <0.5	<0.5 <0.5 <0.5 (3)	<0.5 <0.5 <0.5	1.4 <1.0 <0.5	<0.5 <0.5 <1.0	
	7/7/2005		<50	<0.5	<0.5	<0.5	<1.0	<0.5	
	7/7/2005 10/19/2005		<50 <25	<0.5 <0.5	<0.5 <0.5 (3)	<0.5 <0.5	<1.0 <0.5	<0.5 <1.0	
	7/7/2005 10/19/2005 1/13/2006 5/5/2006	 	<50 <25 <25 <25	<0.5 <0.5 <0.5 <0.5	<0.5 <0.5 (3) <0.5 <0.5	<0.5 <0.5 <0.5 <0.5	<1.0 <0.5 <0.5 <0.5	<0.5 <1.0 <1.0 <1.0	
	7/7/2005 10/19/2005 1/13/2006	  	<50 <25 <25	<0.5 <0.5 <0.5	<0.5 <0.5 (3) <0.5	<0.5 <0.5 <0.5	<1.0 <0.5 <0.5	<0.5 <1.0 <1.0	  
	7/7/2005 10/19/2005 1/13/2006 5/5/2006 7/19/2006	   	<50 <25 <25 <25 <50	<0.5 <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 (3) <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5 <0.5	<1.0 <0.5 <0.5 <0.5 <1.5	<0.5 <1.0 <1.0 <1.0 <0.5	  
	7/7/2005 10/19/2005 1/13/2006 5/5/2006 7/19/2006 10/5/2006	   	<50 <25 <25 <25 <50 <50	<0.5 <0.5 <0.5 <0.5 <0.5 <05	<0.5 <0.5 (3) <0.5 <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<1.0 <0.5 <0.5 <1.5 <1.5	<0.5 <1.0 <1.0 <1.0 <0.5 <0.5	   
	7/7/2005 10/19/2005 1/13/2006 5/5/2006 7/19/2006 10/5/2006 3/29/2007 6/27/2007	    	<50 <25 <25 <50 <50 <50	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 (3) <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<1.0 <0.5 <0.5 <1.5 <1.5 <1.5 <1.5 <1.5	<0.5 <1.0 <1.0 <0.5 <0.5 <0.5 <0.5 <0.5	   
MW-7	7/7/2005 10/19/2005 1/13/2006 5/5/2006 7/19/2006 10/5/2006 3/29/2007	    	<50 <25 <25 <50 <50 <50	<0.5 <0.5 <0.5 <0.5 <0.5 <05 <0.5	<0.5 <0.5 (3) <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<1.0 <0.5 <0.5 <1.5 <1.5 <1.5 <1.5 <1.5	<0.5 <1.0 <1.0 <0.5 <0.5 <0.5	   
MW-7	7/7/2005 10/19/2005 1/13/2006 5/5/2006 7/19/2006 10/5/2006 3/29/2007 6/27/2007	     	<50 <25 <25 <50 <50 <50 <50	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 (3) <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<1.0 <0.5 <0.5 <1.5 <1.5 <1.5 <1.5 <1.5	<0.5 <1.0 <1.0 <0.5 <0.5 <0.5 <0.5 <0.5	     
	7/7/2005 10/19/2005 1/13/2006 5/5/2006 7/19/2006 10/5/2006 3/29/2007 6/27/2007 6/27/2007	      	<50 <25 <25 <50 <50 <50 <50 840 <b>270</b>	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 (3) <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 9.33 <0.5	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<1.0 <0.5 <0.5 <1.5 <1.5 <1.5 <1.5 <1.5 <1.5	<0.5 <1.0 <1.0 <0.5 <0.5 <0.5 <0.5 39.9 <b>94.4</b>	
MW-7 MW-8	7/7/2005 10/19/2005 1/13/2006 5/5/2006 7/19/2006 10/5/2006 3/29/2007 6/27/2007	     	<50 <25 <25 <50 <50 <50 <50 <50	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 (3) <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<1.0 <0.5 <0.5 <1.5 <1.5 <1.5 <1.5 <1.5	<0.5 <1.0 <1.0 <0.5 <0.5 <0.5 <0.5 <0.5 39.9	     

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

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

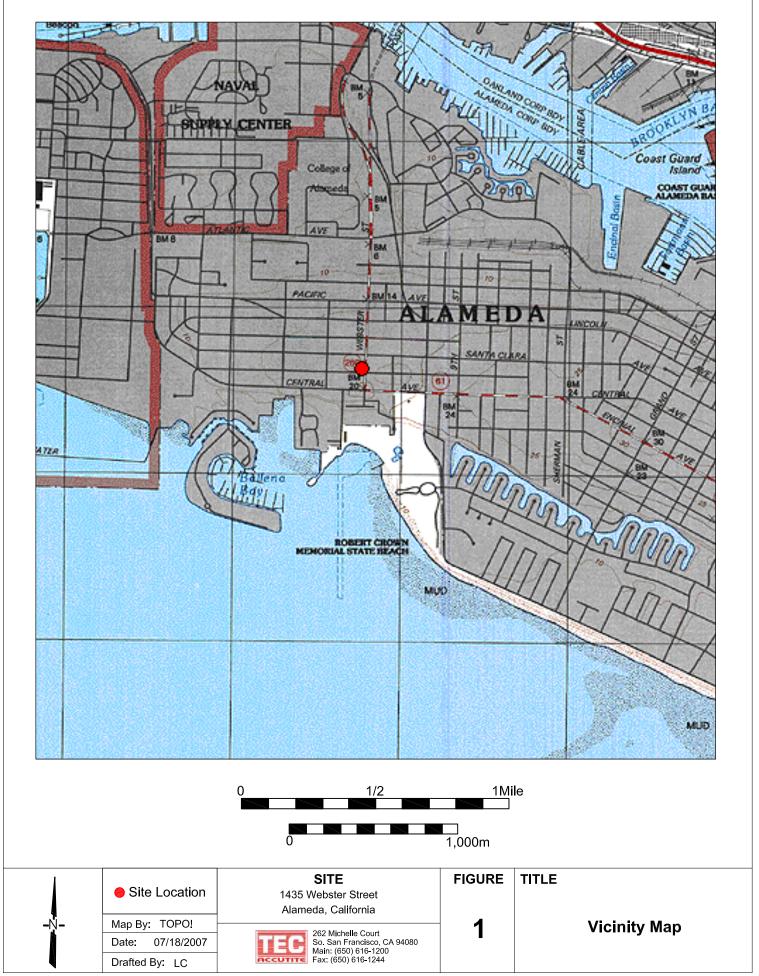
(3) Toluene was detected at concentrations of 1 ppb in sample from well MW-2, 0.74 ppb in sample from well MW-3, 0.9 ppb in sample from well MW-4, and 0.66 ppb in sample from well MW-6. Data were adjusted to non-detect because of

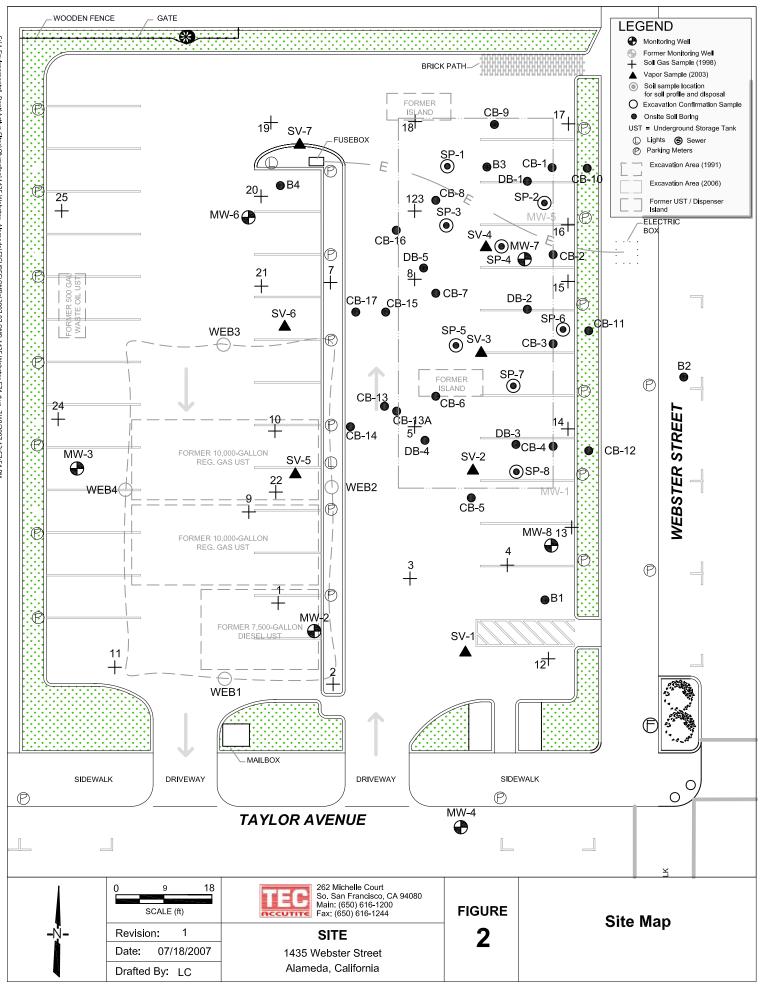
the presence of toluene (0.81 ppb) in method blank and the sample results were less than 5 times in the blank (EPA, Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses, December 1994).

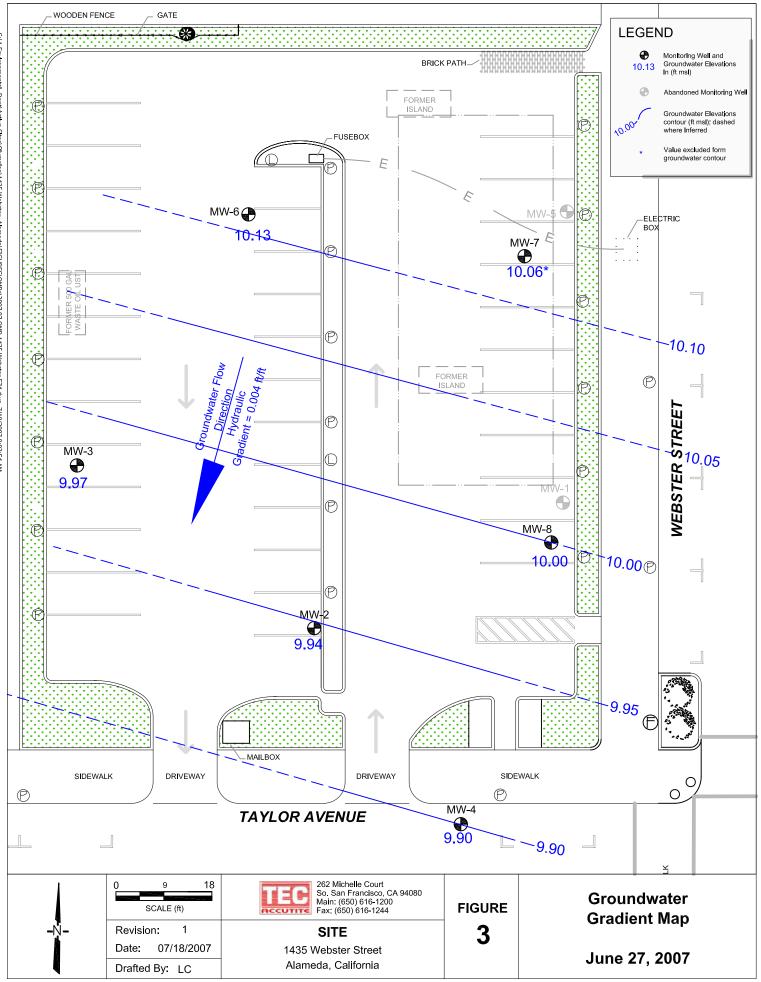
ESLs = Environmental Screening Levels (**Table F-1a**), groundwater is a current or potential drinking water resource (CARWQCB, Interim Final, February 2005).

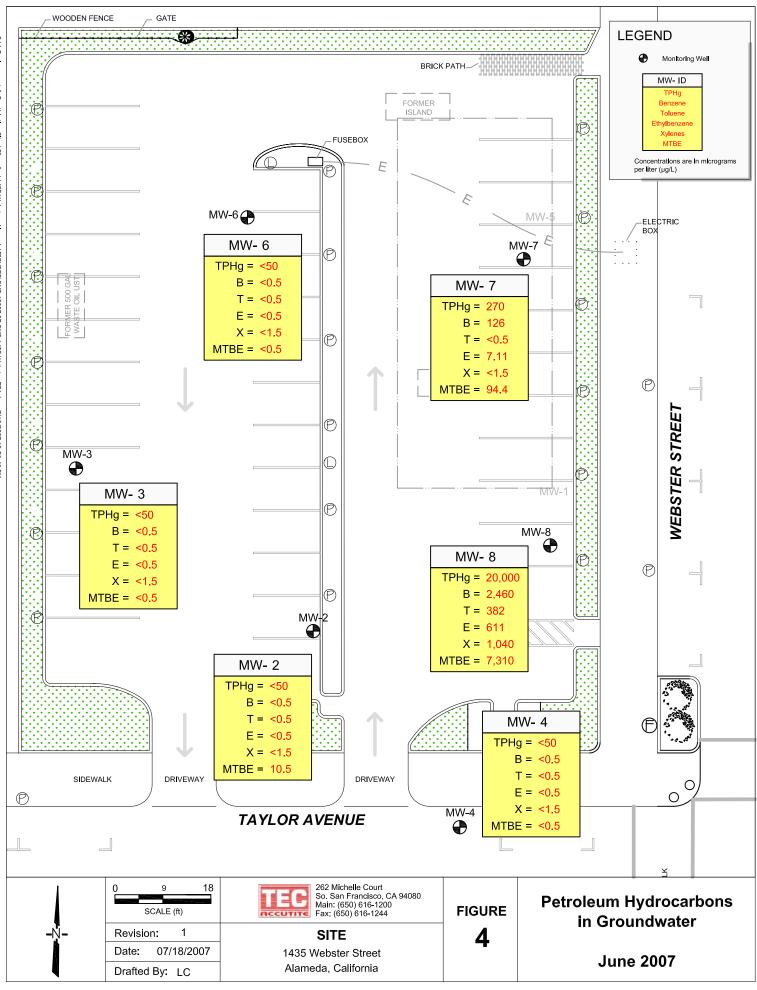












#### ATTACHMENT A

Well Sampling Logs



		TEC	ACCUTIT	E Well D	ata Shee	t	
Date: 6/	27/07	Project: /435	Webste	Project #	#1435	Webster	Sampler: A. M.
Event: 2/10	QMR	Client: 0/ym	Pian	Site Add	ress: /4/	35 Web	ster Ave
જીવા છે.	Time		States - And States - And States	nanany		-Wal	
		a anna a shaanna anna anna anna anna ann	and the second state of the second	DITU	হা	eley Deme	es Est
MW-2	1045	19.3	0 9.86			2'	
MW-3	1041	21.9	5 9.82				
MW-4	1043		0 9.40				
MW-6	/039	/940				V	
MW-7	1034	/9.83	38.87			<u> </u>	
MW-8	1038	19.84	59.33			4" 4	
			+				
			+	——			

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

				TEC					
			Wat		Accutite le Field D	ata Sheet			
	t#:1435	1,10 hot					Well		4W-7
Client	Name: $0$	y mpia	<u>n</u>		ву: d By:	1		ole I.D.:	MW
	on: Aai			-			•	amples: _	
Date P	urged	6/27	67	Start (24	00hr)	1218	End (240	 0hr)(	224
Date Sa	ampled V	V		-	ime (2400h	ır)	1623	7	
Sample	Туре: 🛆 G	roundwate	erOth	er:					
Casing	Diameter 2"	<u> </u>	3"	_ 4"	5"	6"	8"	Oth	
	o Bottom (fe	et) =	<u>19.30</u>		_ Depth to	Water (feet	) =	<u> 7.80</u> : 4.	<b>^</b> :
DTB-DT	W =			le (gal) =	··		(volumes) =	: <u>_</u>	<u>8/gal</u>
Date	Time	Volume	ł Temp.		isuremen ity pH	ts Color	Turbidity	D.O.	Depth
(mm/dd/)	ry) (2400hr)	(gal)	(degrees C	;) (μmhos/cr		(visual)	(UTV)	(mg/l)	(ft)
6/27/0		1.60	19.5	47.6	6.08	C/ear	Jow		13.65
	1222 1224	3.20 4.81	19. 2	48.0	6.21		//		15.35
					<u> </u>				
	_[ ·								
						[		L	
Comple De	pth to Wate	. 9. 2	PG <sup>Sa</sup>	-	ormation	ple Turbidi	. /C	The	
Sample De			Analysis: _				y		
Odor:	NONP	\$	ample Ves	sel/Preser	vative:	3 VOAS	w/1	YCL	
<b>—</b> ——		Equipme					Equipme		
1	r Pump			1	Bladder F	•	Bailer (1 X_ Bailer (P	Teflon)	sable
	ugal Pump sible Pump	Bailer	(Stainless	Steel)	₋ Centrifug ₋ Submersi		Bailer (P Bailer (S		
Peristal	tic Pump	Dedica		1	- Peristaltic		Dedicate	ed	
Other: Pump Depth				Ot	her:				
Well Integrity				1					
NOTE: To Col			total W	lell Diameter	A	 			
amount of galor the water colum	is in one well v			<u>2"</u> <u>4"</u> <u>6"</u>	0.17 0.65 1.47				

		· · · · · · · · ·			TEC A	Accutite	·			
				Wate			Data Shee	t	n <sub>e</sub>	
	Project #	1435	Webst	er Ave	Purged	By:	A.M.	We	I.D.:	MW-3
	Client Na		y mpian neda	n	_ Sampled	l By:	_¥		ple I.D.:	MW
ŀ	Location			107			1147	QA : End (240	Samples	1153
	Date Purg Date Sam Sample Ty	pled v	roundwate		Start (240 Sample Ti er:	ime (24001		End (24) 1604	Junr)	// <b>U</b>
F	Casing Di		1.6		4"	5"	6"		0	ther
	Depth to E	Bottom (fee		21.95		Depth to	Water (feel	.) =	7.82	
	DTB-DTW	=			e (gal) =		<u>06 x 3</u>	(volumes)	=6	• <u>/ 8</u> _ga
	Date	Time	Volume		ield Meas Conductivit		its Color	Turbidity	D.O.	Depth
	(mm/dd/yy)		(gal)	(degrees C)	) (µmhos/cm	) (units)	(visual)	(UTM)	(mg/l)	(ft)
	6/27/07	1149	2.06	19.5	43.2	6.18	Orange	MOD		12.0
	V	1153	6.18	19.4	41.0	6.22	11	11		12.45
										<u> </u> ]
		·			·					.
16										
			. 9.8	?ງ Sar	nple Info				low	
Sar	nple Deptl						ple Turbidi	ty:/		
Ode	or:	Non	e s	.nalysis: ample Vess	<u>8260</u> sel/Preserv	ative:	> VOAS	w/	HCL	
		Purging	Equipme	-			Sampling	Equipme	ent	
	Bladder P		Bailer ( Bailer (	•	1	Bladder F	Pump _	Bailer ( X_ Bailer (F	Teflon)	osable
			Bailer (		iteel)	Submersi	ble Pump -	Bailer (S	Stainless	Steel)
			Dedicat	ted		Peristaltic	Pump -	Dedicate	ed	
Otne Pumj	r: o Depth:		 		Oth	er:				
Well I	ntegrity:	600	d			Lo	 ock #:			]
	t of galons in		mn height to lume, multipl		<u>2"</u> <u>4"</u> <u>6</u> "	A 0.17 0.65 1.47				

.....

	TEC Accutite
	Water Sample Field Data Sheet
	Project #: 1435 Webster Ave Purged By: <u>A. M.</u> Well I.D.: <u>MW-4</u>
	Client Name:       O(y mp/an       Sampled By:       Sample I.D.:       MW-4         Location:       Aameda       QA Samples:
	Date Purged         6/27/07         Start (2400hr)         1204         End (2400hr)         1206           Date Sampled         Sample Time (2400hr)         16/9         106           Sample Type:         Groundwater         Other:
	Casing Diameter 2" X 3" 4" 5" 6" 8" Other
	Depth to Bottom (feet) = $\frac{19.60}{19.60}$ Depth, to Water (feet) = $\frac{9.40}{10}$
	$DTB-DTW = \underline{/0.2} Purge (gal) = \underline{/.73} x 3 (volumes) = \underline{.5.20} gal$
. [	Field Measurements
	Date Time Volume Temp. Conductivity pH Color Turbidity D.O. Depth (mm/dd/yy) (2400hr) (gal) (degrees C) (µmhos/cm) (units) (visual) (NTU) (mg/l) (ft)
	6/27/07 206 1.73 19.1 39.5 6.12 Clear 104 - 18.60
	1206 well went Day
	Q (1.2) Sample Information
s	ample Depth to Water: 9.50 Sample Information Sample Turbidity: 100
1	$A_{\rm max} = X = \frac{1}{\sqrt{2}} \left( \frac{1}{\sqrt{2}} \right)$
00	Ior: <u>NONO</u> Analysis: <u>BAQO</u> Sample Vessel/Preservative: <u>BVOAS</u> <u>W/ HCL</u>
	Purging EquipmentSampling Equipment
	_ Centrifugal PumpBailer (PVC or Disposable)   Centrifugal Pump 🛛 🗶 Bailer (PVC or disposable)
	Submersible PumpBailer (Stainless Steel)   Submersible PumpBailer (Stainless Steel)
Oth	er: Other:
	np Depth:
	Lock #:
amot	TE: To Convert water column height to total unt of galons in one well volume, multiply rater column height by AWell DiameterA $2''$ 0.17 $4''$ 0.65 $6''$ 1.47 $8''$ 2.62
Sign	ature: Page_l of _l

		••••••									
						TEC	Accutite	<u> </u>			
					Wate	er Samp	ole Field	Data Shee	t		
	oject #:14	~ /	Websi		Ave	Purgeo	l By:	A.M.	Wel	I.D.:	MW-6
1	ient Name:	A ( ')	<u>y mpia</u> neda	<u>n</u>		Sample	ed By:	¥		ple I.D.:	MW-E
	cation:	<u>1140</u>		7/10-	7			- 1125		Samples:	1139
1	te Purged te Sampled	4	6/27	70 7		Start (24	100hr) Time (240(	1/23	End (240	0hr) - /	
i	nple Type:		oundwat	er _	_Othe	-					
Cas	ing Diame	ter 2"	$X_{-}$	3"		4"	5"	6"	8"	0	ther
Dep	th to Botto	om (fee	et) =	19.	40		_ Depth t	o Water (fee		).14	
DTE	-DTW =		9.26		Purge	e (gal) ≃_	/.	<u>57 x3</u>	(volumes) =	=	<i>70</i> ga
		r:	N. 1.	Ŧ			asureme			5.0	Dest
-		fime 400hr)	Volume (gal)			Conductiv (µmhos/c		Color (visual)	Turbidity (NTU)	D.O. (mg/l)	Depth (ft)
6/	27/07 1	126	1.57	19	.6	49.0	6.14	5 Orangi	High	•	11.55
		31	3.14	19	• <del>/</del> . Z	47.4 45.6	6.2				11.70
			<u> </u>								
				<u> </u>							┼┤
· ]											
		<u>_</u>									 
Sample	Depth to	Water:	_/0	9.14	San /	ipie into	ormation San	nole Turbidi	ty: 10a	/	
				Inalysi	is:	8260	ງ				
Odor: _	Nor	-	8	ample	Vess	el/Preser	vative: 🕓	3 VOAS			
Blac	Purg Ider Pump		Equipme Bailer		.1		_ Bladder		Equipme Bailer (T		
	trifugal Pu		• •	·		able)	_ Centrifug	al Pump 🖻	🗶 Bailer (P	VC of disp	osable
1	nersible P					eel)	_ Submers	ible Pump -	Bailer (S	tainless	Steel)
Other:	staltic Pum	_ קו	Dedica	ted		$ _{0t}$	Peristalti	orump	Dedicate		
Pump De	pth:										
Well Integ	rity: <u> </u>	1000	d				L	ock #:			
NOTE: To amount of g the water co	alons in one	well vol			Well	Diameter 2" 4" 6" 8"	A 0.17 0.65 1.47 2.62				
Signature:	Λ.	$\int$	0		11				Page	of	

	TEC Accutite	
	Water Sample Field Data Sheet	
	rugeuby, rentitient tention	$\frac{W-7}{W-7}$
	Client Name: O/Y Mpian Sampled By: Sample I.D.: Location: A a meda QA Samples:	<u>w (</u>
		100
		08
	Date Sampled Sample Time (2400hr) <i>16.56</i>	
	Casing Diameter 2" 3" 4" X 5" 6" 8" Other	·
	Depth to Bottom (feet) = $\frac{19.83}{2}$ Depth to Water (feet) = $\frac{8.87}{2}$	
•	Depth to Dottom (reet) = $\frac{10.96}{Purge (gal)} = \frac{7.12}{7.12} \times 3 (volumes) = 21.32$	Z_gal
	Field Measurements	
•	Date Time Volume Temp. Conductivity pH Color Turbidity D.O. D	)epth (ft)
		.69
	1 1403 14.24 20.7 30/ 6.26 11 11 - 15	67
	V 1408 21.37 20.2 318 6.46 11 11 - 16	.80
s	Sample Depth to Water: 8.87 Sample Information	
	O//// Analysis: 8260	
0	dor: <u>\19/17</u> Sample Vessel/Preservative: <u>3 VOA's W/ HCL</u>	
Γ	Purging Equipment Sampling Equipment	1
	_ Bladder Pump Bailer (Teflon) Bladder Pump Bailer (Teflon) _ Centrifugal PumpBailer (PVC or Disposable) Centrifugal Pump Bailer (PVC or disposable)	
2	Submersible PumpBailer (Stainless Steel) Submersible Pump Bailer (Stainless Steel)	ī)
	_ Peristaltic Pump Dedicated Peristaltic Pump Dedicated	
	ner: Other: Other:	
	II Integrity: 0000 Lock #:	
	TE: To Convert water column height to total Well Diameter A	
	unt of galons in one well volume, multiply 2" 0.17 vater column height by A 4" 0.65	
-	$\frac{-6''}{8''}$ $\frac{1.47}{2.62}$	
	nature: 1/1 21.01/ Page   of	

	TEC Accutite
-	Water Sample Field Data Sheet
F	Project #: 1435 Webster Ave Purged By: <u>A. M.</u> Well I.D.: <u>MW-8</u> Client Name: Oly MP2'an Sampled By: V Sample I.D.: <u>MW-8</u>
1	
;	ate Sampled Sample Time (2400hr) /6X 1 ample Type: A GroundwaterOther:
	asing Diameter 2" 3" 4" _X 5" 6" 8"Other
	epth to Bottom (feet) = $19.85$ Depth to Water (feet) = $9.33$
1	$FB-DTW = \frac{10.52}{0.52} \text{ Purge (gal)} = \frac{6.83}{x^3} \text{ (volumes)} = \frac{10.49}{20.49} \text{ gal}$
	Field Measurements
	Date Time Volume Temp. Conductivity pH Color Turbidity D.O. Depth
	$\frac{14}{12707} = \frac{14}{1240} = \frac{14}{120} = $
	1245 13.76 19.9 58.2 6.57 11 11 - 18.59
	1247 WEIL WEAK DAY 18.85
$\vdash$	
20 000	Die Depth to Water: <u>9.33</u> Sample Information Sample Turbidity: <u>106</u>
)dor:	Strong oder Sample Vessel/Preservative: SVOAS W/ HCL
	Purging Equipment Sampling Equipment
	adder Pump Bailer (Teflon) Bladder Pump Bailer (Teflon)
	entrifugal PumpBailer (PVC or Disposable) Centrifugal PumpBailer (PVC or disposable) Centrifugal PumpBailer (Stainless Steel) Submersible PumpBailer (Stainless Steel)
	ristaltic Pump Dedicated Peristaltic Pump Dedicated
	Other:
	Depth:
	egrity: Lock #:
ount o	To Convert water column height to total     Well Diameter     A       f galons in one well volume, multiply     2"     0.17
water	column height by A <u>4" 0.65</u> <u>6" 1.47</u>
	8" 2.62
natu	re: NAC Page of ]

.

Terrendine (

#### 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

July 12, 2007

NATE SMITH TEC Accutite 262 Michelle Ct South San Francisco, CA 94080

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

RE: 1435 Webster Ave/13318

Order No.: 0707018

Dear NATE SMITH:

Torrent Laboratory, Inc. received 6 samples on 7/5/2007 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,

Date

Patti Sandrock QA 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:** NATE SMITH

TEC Accutite

**Date Received:** 7/5/2007 **Date Reported:** 7/12/2007

Client Sample ID:	MW-2
Sample Location:	1435 Webster Ave/2nd QMR Sa
Sample Matrix:	GROUNDWATER
Date/Time Sampled	6/27/2007 4:22:00 PM

Lab Sample ID: 0707018-001 Date Prepared: 7/6/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
1,2-Dichloroethane (EDC)	SW8260B	7/6/2007	0.5	1	0.500	0.820	µg/L	R13259
Benzene	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Ethyl tert-butyl ether (ETBE)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Ethylbenzene	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Isopropyl ether (DIPE)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Methyl tert-butyl ether (MTBE)	SW8260B	7/6/2007	0.5	1	0.500	10.5	µg/L	R13259
t-Butyl alcohol (t-Butanol)	SW8260B	7/6/2007	10	1	10.0	ND	µg/L	R13259
tert-Amyl methyl ether (TAME)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Toluene	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Xylenes, Total	SW8260B	7/6/2007	1.5	1	1.50	ND	µg/L	R13259
Surr: Dibromofluoromethane	SW8260B	7/6/2007	0	1	61.2-131	118	%REC	R13259
Surr: 4-Bromofluorobenzene	SW8260B	7/6/2007	0	1	64.1-120	108	%REC	R13259
Surr: Toluene-d8	SW8260B	7/6/2007	0	1	75.1-127	118	%REC	R13259
TPH (Gasoline)	SW8260B(TPH)	7/6/2007	50	1	50	ND	µg/L	G13259
Surr: 4-Bromofllurobenzene	SW8260B(TPH)	7/6/2007	0	1	58.4-133	98.3	%REC	G13259

**TEC** Accutite

#### **Date Received:** 7/5/2007 **Date Reported:** 7/12/2007

Lab Sample ID: 0707018-002 Date Prepared: 7/6/2007

Client Sample ID:	MW-3
Sample Location:	1435 Webster Ave/2nd QMR Sa
Sample Matrix:	GROUNDWATER
Date/Time Sampled	6/27/2007 4:04:00 PM

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
1,2-Dichloroethane (EDC)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Benzene	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Ethyl tert-butyl ether (ETBE)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Ethylbenzene	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Isopropyl ether (DIPE)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Methyl tert-butyl ether (MTBE)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
t-Butyl alcohol (t-Butanol)	SW8260B	7/6/2007	10	1	10.0	ND	µg/L	R13259
tert-Amyl methyl ether (TAME)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Toluene	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Xylenes, Total	SW8260B	7/6/2007	1.5	1	1.50	ND	µg/L	R13259
Surr: Dibromofluoromethane	SW8260B	7/6/2007	0	1	61.2-131	121	%REC	R13259
Surr: 4-Bromofluorobenzene	SW8260B	7/6/2007	0	1	64.1-120	118	%REC	R13259
Surr: Toluene-d8	SW8260B	7/6/2007	0	1	75.1-127	116	%REC	R13259
TPH (Gasoline)	SW8260B(TPH)	7/6/2007	50	1	50	ND	µg/L	G13259
Surr: 4-Bromofllurobenzene	SW8260B(TPH)	7/6/2007	0	1	58.4-133	96.6	%REC	G13259

**TEC** Accutite

#### **Date Received:** 7/5/2007 **Date Reported:** 7/12/2007

Lab Sample ID: 0707018-003 Date Prepared: 7/6/2007

Client Sample ID:	MW-4
Sample Location:	1435 Webster Ave/2nd QMR Sa
Sample Matrix:	GROUNDWATER
Date/Time Sampled	6/27/2007 4:14:00 PM

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
1,2-Dichloroethane (EDC)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Benzene	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Ethyl tert-butyl ether (ETBE)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Ethylbenzene	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Isopropyl ether (DIPE)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Methyl tert-butyl ether (MTBE)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
t-Butyl alcohol (t-Butanol)	SW8260B	7/6/2007	10	1	10.0	ND	µg/L	R13259
tert-Amyl methyl ether (TAME)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Toluene	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Xylenes, Total	SW8260B	7/6/2007	1.5	1	1.50	ND	µg/L	R13259
Surr: Dibromofluoromethane	SW8260B	7/6/2007	0	1	61.2-131	122	%REC	R13259
Surr: 4-Bromofluorobenzene	SW8260B	7/6/2007	0	1	64.1-120	119	%REC	R13259
Surr: Toluene-d8	SW8260B	7/6/2007	0	1	75.1-127	116	%REC	R13259
TPH (Gasoline)	SW8260B(TPH)	7/6/2007	50	1	50	ND	µg/L	G13259
Surr: 4-Bromofllurobenzene	SW8260B(TPH)	7/6/2007	0	1	58.4-133	93.1	%REC	G13259

**TEC** Accutite

#### **Date Received:** 7/5/2007 **Date Reported:** 7/12/2007

Lab Sample ID: 0707018-004 Date Prepared: 7/6/2007

Client Sample ID:	MW-6
Sample Location:	1435 Webster Ave/2nd QMR Sa
Sample Matrix:	GROUNDWATER
Date/Time Sampled	6/27/2007 3:51:00 PM

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
1,2-Dichloroethane (EDC)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Benzene	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Ethyl tert-butyl ether (ETBE)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Ethylbenzene	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Isopropyl ether (DIPE)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Methyl tert-butyl ether (MTBE)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
t-Butyl alcohol (t-Butanol)	SW8260B	7/6/2007	10	1	10.0	ND	µg/L	R13259
tert-Amyl methyl ether (TAME)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Toluene	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Xylenes, Total	SW8260B	7/6/2007	1.5	1	1.50	ND	µg/L	R13259
Surr: Dibromofluoromethane	SW8260B	7/6/2007	0	1	61.2-131	107	%REC	R13259
Surr: 4-Bromofluorobenzene	SW8260B	7/6/2007	0	1	64.1-120	107	%REC	R13259
Surr: Toluene-d8	SW8260B	7/6/2007	0	1	75.1-127	117	%REC	R13259
TPH (Gasoline)	SW8260B(TPH)	7/6/2007	50	1	50	ND	µg/L	G13259
Surr: 4-Bromofllurobenzene	SW8260B(TPH)	7/6/2007	0	1	58.4-133	94.8	%REC	G13259

**TEC** Accutite

#### **Date Received:** 7/5/2007 **Date Reported:** 7/12/2007

Lab Sample ID: 0707018-005 Date Prepared: 7/6/2007

Client Sample ID:	MW-7
Sample Location:	1435 Webster Ave/2nd QMR Sa
Sample Matrix:	GROUNDWATER
Date/Time Sampled	6/27/2007 4:36:00 PM

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
1,2-Dichloroethane (EDC)	SW8260B	7/6/2007	0.5	1	0.500	6.21	µg/L	R13259
Benzene	SW8260B	7/6/2007	0.5	1	0.500	126	µg/L	R13259
Ethyl tert-butyl ether (ETBE)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Ethylbenzene	SW8260B	7/6/2007	0.5	1	0.500	7.11	µg/L	R13259
Isopropyl ether (DIPE)	SW8260B	7/6/2007	0.5	1	0.500	0.550	µg/L	R13259
Methyl tert-butyl ether (MTBE)	SW8260B	7/6/2007	0.5	1	0.500	94.4	µg/L	R13259
t-Butyl alcohol (t-Butanol)	SW8260B	7/6/2007	10	1	10.0	58.4	µg/L	R13259
tert-Amyl methyl ether (TAME)	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Toluene	SW8260B	7/6/2007	0.5	1	0.500	ND	µg/L	R13259
Xylenes, Total	SW8260B	7/6/2007	1.5	1	1.50	ND	µg/L	R13259
Surr: Dibromofluoromethane	SW8260B	7/6/2007	0	1	61.2-131	112	%REC	R13259
Surr: 4-Bromofluorobenzene	SW8260B	7/6/2007	0	1	64.1-120	118	%REC	R13259
Surr: Toluene-d8	SW8260B	7/6/2007	0	1	75.1-127	117	%REC	R13259
TPH (Gasoline)	SW8260B(TPH)	7/6/2007	50	1	50	270	µg/L	G13259
Surr: 4-Bromofllurobenzene	SW8260B(TPH)	7/6/2007	0	1	58.4-133	87.1	%REC	G13259

**TEC** Accutite

#### **Date Received:** 7/5/2007 **Date Reported:** 7/12/2007

Lab Sample ID: 0707018-006 Date Prepared: 7/7/2007

Client Sample ID:	MW-8
Sample Location:	1435 Webster Ave/2nd QMR Sa
Sample Matrix:	GROUNDWATER
Date/Time Sampled	6/27/2007 4:29:00 PM

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,2-Dibromoethane (EDB)	SW8260B	7/7/2007	0.5	8.8	4.40	9.59	µg/L	R13259
1,2-Dichloroethane (EDC)	SW8260B	7/7/2007	0.5	8.8	4.40	319	µg/L	R13259
Benzene	SW8260B	7/7/2007	0.5	88	44.0	2460	µg/L	R13259
Ethyl tert-butyl ether (ETBE)	SW8260B	7/7/2007	0.5	8.8	4.40	ND	µg/L	R13259
Ethylbenzene	SW8260B	7/7/2007	0.5	8.8	4.40	611	µg/L	R13259
Isopropyl ether (DIPE)	SW8260B	7/7/2007	0.5	8.8	4.40	11.1	µg/L	R13259
Methyl tert-butyl ether (MTBE)	SW8260B	7/7/2007	0.5	88	44.0	7310	µg/L	R13259
t-Butyl alcohol (t-Butanol)	SW8260B	7/7/2007	10	8.8	88.0	3400	µg/L	R13259
Toluene	SW8260B	7/7/2007	0.5	8.8	4.40	382	µg/L	R13259
Xylenes, Total	SW8260B	7/7/2007	1.5	8.8	13.2	1040	µg/L	R13259
Surr: Dibromofluoromethane	SW8260B	7/7/2007	0	8.8	61.2-131	114	%REC	R13259
Surr: Dibromofluoromethane	SW8260B	7/7/2007	0	88	61.2-131	108	%REC	R13259
Surr: 4-Bromofluorobenzene	SW8260B	7/7/2007	0	88	64.1-120	113	%REC	R13259
Surr: 4-Bromofluorobenzene	SW8260B	7/7/2007	0	8.8	64.1-120	112	%REC	R13259
Surr: Toluene-d8	SW8260B	7/7/2007	0	88	75.1-127	113	%REC	R13259
Surr: Toluene-d8	SW8260B	7/7/2007	0	8.8	75.1-127	119	%REC	R13259
TPH (Gasoline)	SW8260B(TPH)	7/7/2007	50	88	4400	20000	µg/L	G13259
Surr: 4-Bromofllurobenzene	SW8260B(TPH)	7/7/2007	0	88	58.4-133	95.7	%REC	G13259

#### **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 #

#### Torrent Laboratory, Inc.

**CLIENT: TEC** Accutite Work Order: 0707018 **Project:** 

1435 Webster Ave/13318

#### ANALYTICAL QC SUMMARY REPORT

BatchID: G13259

Sample ID: MB-G	SampType: MBLK	TestCode: TPH_GAS_W	Units: µg/L	Prep Date: 7/7/2007	RunNo: 13259
Client ID: ZZZZZ	Batch ID: G13259	TestNo: SW8260B(TP		Analysis Date: 7/7/2007	SeqNo: 193298
Analyte	Result	PQL SPK value SPK	Ref Val %REC	LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
TPH (Gasoline) Surr: 4-Bromofllurobenzene	ND 8.300	50 0 11.36	0 73.1	58.4 133	
Sample ID: LCS-G	SampType: LCS	TestCode: TPH_GAS_W	Units: <b>µg/L</b>	Prep Date: 7/7/2007	RunNo: 13259
Client ID: ZZZZZ	Batch ID: G13259	TestNo: SW8260B(TP		Analysis Date: 7/7/2007	SeqNo: 193299
Analyte	Result	PQL SPK value SPK	Ref Val %REC	LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
TPH (Gasoline)	187.0	50 227	0 82.4	52.4 127	
Surr: 4-Bromofllurobenzene	10.70	0 11.36	0 94.2	58.4 133	
Sample ID: LCSD-G	SampType: LCSD	TestCode: TPH_GAS_W	Units: µg/L	Prep Date: 7/7/2007	RunNo: 13259
Client ID: ZZZZZ	Batch ID: G13259	TestNo: SW8260B(TP		Analysis Date: 7/7/2007	SeqNo: 193300
Analyte	Result	PQL SPK value SPK	Ref Val %REC	LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
TPH (Gasoline)	209.0	50 227	0 92.1	52.4 127 187	11.1 20
Surr: 4-Bromofllurobenzene	11.90	0 11.36	0 105	58.4 133 0	0 0

S

#### **CLIENT: TEC** Accutite Work Order: 0707018

1435 Webster Ave/13318 **Project:** 

#### ANALYTICAL QC SUMMARY REPORT

BatchID: R13259

Sample ID: MB	SampType: MBLK	TestCoo	le: 8260B_W	Units: µg/L		Prep Date	e: <b>7/6/200</b>	17	RunNo: 132	259	
Client ID: ZZZZZ	Batch ID: R13259	TestN	lo: SW8260B			Analysis Date	e: <b>7/6/200</b>	17	SeqNo: 193	3294	
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	11.86	0	11.36	0	104	61.2	131				
Surr: 4-Bromofluorobenzene	12.35	0	11.36	0	109	64.1	120				
Surr: Toluene-d8	12.95	0	11.36	0	114	75.1	127				
Sample ID: LCS	SampType: LCS	TestCoo	le: 8260B_W	Units: µg/L		Prep Date	e: <b>7/7/200</b>	17	RunNo: 132	259	
Olivert ID: 77777			_								
Client ID: ZZZZZ	Batch ID: R13259	TestN	lo: SW8260B			Analysis Date	e: 7/7/200	17	SeqNo: 193	3295	
Analyte	Batch ID: R13259 Result	TestN PQL		SPK Ref Val	%REC	2		<b>RPD</b> Ref Val	SeqNo: <b>193</b> %RPD	8295 RPDLimit	Qual
				SPK Ref Val	%REC 99.5	2					Qual
Analyte	Result	PQL	SPK value			LowLimit	HighLimit				Qual
Analyte Benzene	Result 16.96	PQL 0.500	SPK value 17.04	0	99.5	LowLimit 66.9	HighLimit 140				Qual
Analyte Benzene Toluene	Result 16.96 15.62	PQL 0.500 0.500	SPK value 17.04 17.04	0 0	99.5 91.7	LowLimit 66.9 76.6	HighLimit 140 123				Qual
Analyte Benzene Toluene Surr: Dibromofluoromethane	Result 16.96 15.62 13.68	PQL 0.500 0.500 0	SPK value 17.04 17.04 11.36	0 0 0	99.5 91.7 120	LowLimit 66.9 76.6 61.2	HighLimit 140 123 131				Qual
Analyte Benzene Toluene Surr: Dibromofluoromethane Surr: 4-Bromofluorobenzene	Result 16.96 15.62 13.68 11.68	PQL 0.500 0.500 0 0 0	SPK value 17.04 17.04 11.36 11.36	0 0 0 0	99.5 91.7 120 103	LowLimit 66.9 76.6 61.2 64.1 75.1	HighLimit 140 123 131 120	RPD Ref Val		RPDLimit	Qual
Analyte Benzene Toluene Surr: Dibromofluoromethane Surr: 4-Bromofluorobenzene Surr: Toluene-d8	Result 16.96 15.62 13.68 11.68 13.50	PQL 0.500 0.500 0 0 0 TestCoo	SPK value 17.04 17.04 11.36 11.36 11.36	0 0 0 0 0	99.5 91.7 120 103	LowLimit 66.9 76.6 61.2 64.1 75.1	HighLimit 140 123 131 120 127 e: <b>7/7/200</b>	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte Benzene Toluene Surr: Dibromofluoromethane Surr: 4-Bromofluorobenzene Surr: Toluene-d8 Sample ID: LCSD	Result 16.96 15.62 13.68 11.68 13.50 SampType: LCSD	PQL 0.500 0.500 0 0 0 TestCoo	SPK value 17.04 17.04 11.36 11.36 11.36 de: 8260B_W lo: SW8260B	0 0 0 0 0	99.5 91.7 120 103	LowLimit 66.9 76.6 61.2 64.1 75.1 Prep Date Analysis Date	HighLimit 140 123 131 120 127 e: <b>7/7/200</b> e: <b>7/7/200</b>	RPD Ref Val	%RPD RunNo: 132	RPDLimit	Qual
Analyte Benzene Toluene Surr: Dibromofluoromethane Surr: 4-Bromofluorobenzene Surr: Toluene-d8 Sample ID: LCSD Client ID: ZZZZZ	Result         16.96         15.62         13.68         11.68         13.50    SampType: LCSD Batch ID: R13259	PQL 0.500 0.500 0 0 0 TestCoo TestN	SPK value 17.04 17.04 11.36 11.36 11.36 de: 8260B_W lo: SW8260B	0 0 0 0 Units: <b>µg/L</b>	99.5 91.7 120 103 119	LowLimit 66.9 76.6 61.2 64.1 75.1 Prep Date Analysis Date	HighLimit 140 123 131 120 127 e: <b>7/7/200</b> e: <b>7/7/200</b>	RPD Ref Val	%RPD RunNo: <b>132</b> SeqNo: <b>193</b>	RPDLimit 259 3296	
Analyte Benzene Toluene Surr: Dibromofluoromethane Surr: 4-Bromofluorobenzene Surr: Toluene-d8 Sample ID: LCSD Client ID: ZZZZZ Analyte	Result           16.96           15.62           13.68           11.68           13.50   SampType: LCSD Batch ID: R13259 Result	PQL 0.500 0 0 0 0 TestCoo TestN PQL	SPK value 17.04 17.04 11.36 11.36 11.36 de: 8260B_W lo: SW8260B SPK value	0 0 0 0 Units: μg/L SPK Ref Val	99.5 91.7 120 103 119 %REC	LowLimit 66.9 76.6 61.2 64.1 75.1 Prep Date Analysis Date LowLimit	HighLimit 140 123 131 120 127 e: 7/7/200 e: 7/7/200 HighLimit	RPD Ref Val	%RPD RunNo: 132 SeqNo: 193 %RPD	RPDLimit 259 3296 RPDLimit	

ND Not Detected at the Reporting Limit

Analyte detected below quantitation limits J S

R RPD outside accepted recovery limits Spike Recovery outside accepted recovery limits Page 2 of 3

#### **CLIENT: TEC** Accutite Work Order: 0707018 **Project:** 1435 Webster Ave/13318

#### ANALYTICAL QC SUMMARY REPORT

BatchID: R13259

Sample ID: LCSD Client ID: ZZZZZ	SampType: LCSD Batch ID: R13259		de: 8260B_W			Prep Dat Analysis Dat	te: 7/7/200		RunNo: 132		
	Balch ID. RIJZJY	restr	10. SW0200B			Analysis Da	le: ////200	7	SeqNo: 193	5290	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	12.49	0	11.36	0	110	61.2	131	0	0	0	
Surr: 4-Bromofluorobenzene	12.83	0	11.36	0	113	64.1	120	0	0	0	
Surr: Toluene-d8	12.68	0	11.36	0	112	75.1	127	0	0	0	

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

Holding times for preparation or analysis exceeded Н

Analyte detected below quantitation limits J

S

### **Torrent Laboratory, Inc.**

### WORK ORDER Summary

## Client ID:TEC ACCUTITEProject:1435 Webster Ave

*06-Jul-07* **Work Order** 0707018

Project:1435 Webster Ave/13318Comments:5 Day TAT! Run to ESLs; EDF and Excel EDD

QC Level:

Sample ID	Client Sample ID	<b>Collection Date</b>	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0707018-001A	MW-2	6/27/2007 4:22:00 PM	7/5/2007	7/11/2007	Groundwater	8260B_W_PETR			$\checkmark$		SR
				7/11/2007		EDF					SR
				7/11/2007		TPH_GAS_W_GC					SR
0707018-002A	MW-3	6/27/2007 4:04:00 PM		7/11/2007		8260B_W_PETR			$\checkmark$		SR
				7/11/2007		TPH_GAS_W_GC					SR
0707018-003A	MW-4	6/27/2007 4:14:00 PM		7/11/2007		8260B_W_PETR			$\checkmark$		SR
				7/11/2007		TPH_GAS_W_GC					SR
0707018-004A	MW-6	6/27/2007 3:51:00 PM		7/11/2007		8260B_W_PETR			$\checkmark$		SR
				7/11/2007		TPH_GAS_W_GC					SR
0707018-005A	MW-7	6/27/2007 4:36:00 PM		7/11/2007		8260B_W_PETR			$\checkmark$		SR
				7/11/2007		TPH_GAS_W_GC					SR
0707018-006A	MW-8	6/27/2007 4:29:00 PM		7/11/2007		8260B_W_PETR			$\checkmark$		SR
				7/11/2007		TPH_GAS_W_GC					SR

/ <b>≟Torrent</b>			:ΗΔΙΝ (	F CUST	אחר	LAB WORK ORDER NO
	Phone: 408.263.5258 FAX: 408.263.8293	<b>`</b>				
LABORATORY, INC.	www.torrentlab.com	• NOTE: SHA	DED AREAS AR	EFOR TORRENT	LABUSE ONLY.	0707018
Company Name: TEC Acc	cutite	Locatio	on of Sampling:	1435 L	lebster Av	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Address: 262 Michello	Ct	Purpo	se: 2nd		mpling	
City: S.S.F	State: A Zip Code: C	74/080 Specia	al Instructions / Co		to ESU:	Γ́ς
[elephone(650) 6/6 - 1200FA	AX: (650) 616-1244	Glo	bal I.D.	= TOGO	Ø 100 76	· · · · · · · · · · · · · · · · · · ·
REPORT TO: Nathan Smith	SAMPLER: A.M.	P.Q. #	: 13318			ecacculite. (OM
	SAMPLE TYPE:		T FORMAT:	S AN	ALYSIS REQUESTE	
10 Working Days Days					177	777
7 Working Days 2 Working Days	2 - 8 Hours Ground Water		el/EDD	CONGIN		
5 Working Days 🔲 1 Working Day	Othe, Soil	<u> </u>				
CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED SAMPLE TYPE	# OF CONT CONT TYPE	6300 - We - 600			TORRENT'S SAMPLE I.D.
1. MW-2	6/27/07 1622 W	3 WAA	$\chi \chi$			0012
2. MW-3	1 1604		XX			0020
3. MW - 4	1614		X X			0034
4. MW-6	155/		XX			004A
5. MW-7	1636		XX			005A
6. MW-8	V 1629 V	VV	XX		/	006A
7.						
8.						
9.						
10.						
Relinquished By: Print	t: / Date: /hony M. 7/5/07	Timer 2;06	Received By:	Print:	Diaz 7/5/0	7 Time: 72/06
2 CR Dry Print	t; Date:	Time: 32/0	Received By:	Print	Date: 715194	- <u>3510</u> pm
Were Samples Received in Good Condition		e? 🗌 Yes 🔲 NO	Method of Shipme	nt Hisp	^ /	intact?
NOTE: Samples are discarded by the	laboratory 30 days from date of receipt i	unless other arrange	-ments are made			Page / of /
Log in By:	Date: L	.og In Reviewed By: _		Date		

1

#### ATTACHMENT C

GEOTRACKER SUBMISSION CONFIRMATIONS



	nic Submittal Info	
Your ED	DF file has been successfully u	iploaded!
<b>Confirmation Number:</b> 83	131771147	
Date/Time of Submittal: 7/	/31/2007 11:57:50 AM	
Facility Global ID: T	0600100766	
Facility Name: O		
•	econd Quarter 2007 Groundw	vater Monitoring Lab Resu
	W Monitoring Report	U
Click <u>here</u> to	view the detections report fo	r this upload.
<b>OLYMPIAN #112</b> 1435 WEBSTER ALAMEDA, CA 94501	<b>Regional Board - Case #: 01-</b> SAN FRANCISCO BAY RW( <b>Local Agency (lead agency) -</b> ALAMEDA COUNTY LOP -	QCB (REGION 2) Case #: RO0000193
CONF # <u>TITLE</u> 8131771147 Second Quarte SUBMITTED BY Nicholas Haddad	er 2007 Groundwater Monitoring <u>submit date</u> <u>Statu</u> 7/31/2007 PENE	-
<b>SAMPLE DETECTIONS REF</b> # FIELD POINTS SAMPLED		e
# FIELD POINTS WITH DETECTIO		:
# FIELD POINTS WITH WATER SA SAMPLE MATRIX TYPES	MPLE DETECTIONS ABOVE MCL	GROUNDWATEF
METHOD QA/QC REPOR	<u>27</u>	
METHODS USED TESTED FOR REQUIRED ANALYTE	ç2	8260TPH,SW8260E
LAB NOTE DATA QUALIFIERS	3:	1
QA/QC FOR 8021/8260	SERIES SAMPLES	
TECHNICAL HOLDING TIME VIOLATI		(
LAB BLANK DETECTIONS ABOVE I		(
LAB BLANK DETECTIONS		(
DO ALL BATCHES WITH THE 8021 - LAB METHOD BLANK	/8260 SERIES INCLUDE THE FOLLO	WING?
- MATRIX SPIKE		٦
- MATRIX SPIKE DUPLICATE - BLANK SPIKE		1
- BLANK SPIKE - SURROGATE SPIKE - NON-ST	ANDARD SURROGATE USED	I
WATER SAMPLES FOR 802	21/8260 SERIES	
	UPLICATE(S) % RECOVERY BETWEE	
	UPLICATE(S) RPD LESS THAN 30%	n/a
MATRIX SPIKE / MATRIX SPIKE D SURROGATE SPIKES % RECOVER	V RETWEEN 85 115%	n/a

SOIL SAMPLES FOR 802			,
	E DUPLICATE(S) % RECOVERY BETWEEN	N 65-135%	n/a
MATRIX SPIKE / MATRIX SPIK	E DUPLICATE(S) RPD LESS THAN 30%		n/a
SURROGATE SPIKES % RECO	VERY BETWEEN 70-125%		n/a
BLANK SDIKE / BLANK SDIKE	DUPLICATES % RECOVERY BETWEEN 70	1000/	n/a
	DUPLICATES % RECOVERT DETWEEN /0	-130%	11/a
FIELD QC SAMPLES SAMPLE	<u>COLLECTED</u>		ONS > REPD
FIELD QC SAMPLES			
FIELD QC SAMPLES SAMPLE	COLLECTED		

Logged in as TEC-OLYMPIAN (AUTH\_RP)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information Main Menu   View/Add Facilities   Upload EDD   Check EDD		
UPLOADING A GEO_WELL FILE		
Processing is complete. No errors were found! Your file has been successfully submitted!		
Submittal Title:	Second Quarter 2007 Groundwater Elevation Data	
Facility Global ID:	T0600100766	
Facility Name:	OLYMPIAN #112	
Submittal Date/Time:	7/31/2007 12:02:10 PM	
Confirmation Number:	6398452579	
Back to Main Menu		

Logged in as TEC-OLYMPIAN (AUTH\_RP)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information Main Menu   View/Add Facilities   Upload EDD   Check EDD		
UPLOADING A GEO_REPORT FILE		
YOUR DOCUMENT UPLOAD WAS SUCCESSFUL!		
Facility Name: Global ID:	OLYMPIAN #112 T0600100766	
<u>Title:</u>	SECOND QUARTER 2007 GROUNDWATER MONITORING REPORT	
Document Type:	Monitoring Report - Quarterly	
Submittal Type:	GEO_REPORT	
Submittal Date/Time:	8/8/2007 12:15:49 PM	
Confirmation Number:	9887041985	
Click <u>here</u> to view the document.		
Back to Main Menu		

Logged in as TEC-OLYMPIAN (AUTH\_RP)

CONTACT SITE ADMINISTRATOR.