TEC Environmental
a division of **Technology, Engineering, & Construction, Inc.**
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June 30, 2010

Ms. Barbara Jakub, P.G.
Alameda County Health Agency
Division of Environmental Protection
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

SUBJECT: SECOND QUARTER 2010 GROUNDWATER MONITORING REPORT

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

Dear Ms. Jakub:

On behalf of Olympian JV, Technology, Engineering & Construction, Inc. (TEC) is pleased to submit this second quarter 2010 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 contact the undersigned at (650) 616-1211.

Sincerely,
Technology, Engineering
& Construction, Inc.

Nicholas Haddad
Vice President

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 2010
GROUNDWATER MONITORING REPORT

FORMER OLYMPIAN SERVICE STATION
1435 WEBSTER STREET
ALAMEDA, CALIFORNIA 94501

FLC #: RO0000193

PREPARED FOR:

OLYMPIAN JV
AND
ALAMEDA COUNTY HEALTH AGENCY

PREPARED BY:

TECHNOLOGY, ENGINEERING & CONSTRUCTION, INC.
PROJECT #: E-419

SAMPLING DATE:

JUNE 10, 2010

REPORT DATE:

JUNE 30, 2010

TEC ENVIRONMENTAL

TABLE OF CONTENTS

1.0 INTRODUCTION

On behalf of Olympian JV, Technology, Engineering & Construction, Inc. (TEC) conducted the second quarter 2010 groundwater monitoring event at the former Olympian Service Station located at 1435 Webster Street, Alameda, California. The site is the location of a subsurface release of petroleum hydrocarbons related to the former gasoline underground storage tanks (USTs) that were removed in 1989.

This report includes the site environmental background and results of the current groundwater monitoring event. All site groundwater monitoring wells were gauged and wells MW-4 and MW-9 were sampled in compliance with California Regional Water Quality Control Board Resolution 2009-42 and Alameda County Health Agency directives. A vicinity map and site map are provided as Figures 1 and 2, respectively.

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. Station facilities consisted of two 10,000-gallon gasoline USTs, one 7,500-gallon diesel UST, one 500-gallon waste oil UST and two dispenser islands (Figure 2).

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 used as a 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 onsite identified significant concentrations of total hydrocarbons as propane in soil gas.

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 tank location.

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 SCM updated; uncertainties identified in onsite benzene vapor concentrations and offsite groundwater conditions.

June 2006 Eight soil borings advanced (SP-1 through SP-8); petroleum hydrocarbons detected in soil above constituent ESLs.

November 2006 Seventeen soil borings advanced (CB-1 through CB-17) to determine excavation limits; petroleum hydrocarbons detected at concentrations below ESLs and/or laboratory detection limits at depths shallower than 8 feet bsg.

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; 15,000 gallons of groundwater pumped from open excavation pit, sediment removed and carbon-filtered, and discharged to sewer under permit.

March 2007 Two monitoring wells installed onsite (MW-7 and MW-8).

July 2007 Thirteen off-site soil borings advanced (B-6 through B-18); off-site plume defined in all directions except crossgradient to the northeast.

July 2007 Thirteen off-site soil borings advanced (B-6 through B-18); off-site plume defined in all directions except crossgradient to the northeast.

July 2009 Six off-site soil borings advanced (B-19 through B-24); off-site plume fully defined. One groundwater monitoring well (MW-9) installed in the public right-of-way on Webster Street. Five permanent nested vapor monitoring points installed onsite; no petroleum hydrocarbons detected in onsite soil vapor.

February 2010 *Updated Site Conceptual Model, Health Risk Assessment, Feasibility Study and Corrective Action Plan* submitted to the Alameda County Health Agency. Hydrogen peroxide injection identified as the most effective remedial alternative.

3.2 Site Condition

The site currently has seven groundwater monitoring wells (MW-2 through MW-4 and MW-6 through MW-9) and five dual-completed vapor monitoring points (VMP-1 through VMP-5). Locations of site monitoring wells are presented in Figure 2. Groundwater monitoring well construction details and activity schedule are presented in Table 1. Chemicals of concern (COCs) for the site include petroleum

hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX compounds), and methyl tert-butyl ether (MTBE). The source was the former USTs, which were removed in 1989. TEC continues to monitor all active groundwater monitoring wells associated with the site on a semi-annual basis in preparation for site corrective action. New well MW-9 and priority well MW-4 are monitored quarterly.

4.0 GROUNDWATER MONITORING

TEC conducted the second quarter groundwater monitoring event on June 10, 2010. Field data sheets from this groundwater sampling event are presented as Attachment A.

4.1 Sampling Methods

Upon arrival to the site, a TEC technician uncapped all active site groundwater monitoring wells (MW-2 through MW-4 and MW-6 through MW-9) and allowed the water level in each well to fully equilibrate prior to measuring the depth to water. Wells were gauged to the nearest 0.01 foot using an electric water level meter and recorded on the well sampling logs. Following well gauging, approximately three casing-water volumes of groundwater were purged from well MW-9 using a submersible pump. Well MW-4 was also purged with a submersible pump but went dry after purging one casing volume. After water levels in each well recovered to a minimum of 80% of the pre-purge level, groundwater samples were collected with a disposable bailer and transferred into laboratory-supplied, HCl-preserved volatile organic analysis vials (VOAs). The samples were labeled, stored in an insulated container with ice, and delivered to *Torrent Laboratory, Inc*., a California Department of Health Services certified laboratory, under chain-of-custody documentation for analysis.

All groundwater samples were analyzed for TPHg, BTEX compounds, fuel oxygenates and lead scavengers by EPA Method 8260B. 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, California's online geospatial database. Depths to groundwater were uploaded to GeoTracker as a GEO_WELL file. This report was converted into PDF format and uploaded to GeoTracker as a GEO_REPORT file and to the Alameda County FTP site. Attachment C contains the GeoTracker submission confirmations.

4.3 Results

4.3.1 Groundwater Elevation and Flow Direction

The calculated groundwater gradient based on groundwater elevations is toward the south at 0.004 feet/foot (ft/ft). Groundwater elevations are presented in Table 2 and Figure 3.

4.3.2 Petroleum Hydrocarbons in Groundwater

The sample from groundwater monitoring well MW-4 contained concentrations of MTBE (8.5 ug/L), and 1,2 DCA (1.8 ug/L) exceeding ESLs. TBA (6.1 ug/L:) and xylenes (0.52 ug/L) were also detected in the sample from well MW-4 at concentrations above laboratory reporting limits but below ESLs.

The sample from well MW-9 contained concentrations of MTBE (7.4 ug/L) and 1,2 DCA (0.6 ug/L) above ESLs. No other COCs were detected above laboratory reporting limits.

Groundwater analytical results are summarized in Table 3 and Figure 4.

5.0 CONCLUSIONS AND RECOMMENDATIONS

- For this groundwater monitoring event, average groundwater flow was toward the south at approximately 0.004 ft/ft, within historical precedent for seasonal change in groundwater elevation and gradient.

- Wells sampled this quarter did not contain concentrations of COCs above proposed site-specific treatment levels, however MTBE was detected above ESLs in samples from wells MW-9 and downgradient well MW-4. The concentrations of contaminants of concern remain within the historical ranges.

- TEC has completed four quarterly monitoring events for new well MW-9, installed July 2009, which represent data collected over a complete hydrologic cycle. In accordance with State Water Resources Control Board Resolution 2009-042, TEC recommends that all site monitoring wells be sampled semi-annually; the proposed monitoring events will occur during the first and third quarters.

- TEC is currently awaiting regulatory approval of the *Revised Site Conceptual Model, Health Risk Assessment, Feasibility Study, and Corrective Action Workplan*.

6.0 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. Technology, Engineering & Construction Inc.'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 Nicholas Haddad at (650) 616-1211.

Sincerely,
Technology, Engineering
& Construction, Inc.

Elise Sbarbori
Project Geologist

Reviewed by:

Paul B. Dotson, PG # 8237
Professional Geologist

TABLES

Table 1
Groundwater Monitoring Well Construction Details and Activity Schedule
Former Olympian Service Station
1435 Webster Street
Alameda, California

Monitoring Well Construction Details									Activity Schedule	
Well ID	Date Installed [1]	Total Depth	Diameter	Top of Screen	Bottom of Screen	Screen Length	Top of Casing [2]	Monitoring Status	Gauging	Sampling [3]
		(ft bsg)	(inches)	(ft bsg)	(ft bsg)	(feet)	(ft msl)		(semi-annually)	
MW-1	1/1/1993	24	2	6	24	18	19.53	Destroyed		
MW-2	1/1/1993	24	2	6	24	18	19.80	Active	√	√
MW-3	1/1/1993	24	2	6	24	18	19.79	Active	√	√
MW-4	12/1/1999	20	2	5	20	15	19.30	Active	√	√
MW-5	12/1/1999	20	2	5	20	15	18.99	Destroyed		
MW-6	12/1/1999	20	2	5	20	15	20.27	Active	√	√
MW-7	3/9/2007	20	4	10	20	10	18.93	Active	√	√
MW-8	3/9/2007	20	4	10	20	10	19.33	Active	√	√
MW-9	7/13/2009	20	4	5	20	15	18.83	Active	√	√

Notes

ft = feet
bsg = below surface grade
msl = mean sea level
[1] = Well installation date is given as first day of the installation month when exact well installation date is unknown
[2] = survey performed by Virgil Chavez Land Surveying (PLS #6323)
[3] = groundwater samples are routinely analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8260TPH, and for benzene, toluene, ethylbenzene, and xylenes (BTEX), methyl-tert-butyl ether (MTBE), di-isopropyl ether (DIPE), tert-butyl alcohol (TBA), 1,2-dichloroethane (1,2-DCA) and 1,2- dibromoethane (EDB) by EPA Method 8260B.
Note: Monitoring well MW-9 and MW-4 to be sampled quarterly for one full year from the date of installation of well MW-9.

TEC ENVIRONMENTAL

Table 2
Summary of Historical Groundwater Elevation Data
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	TOC Elevation (ft msl)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft msl)
MW-1	19.53	6/3/1993	(1)	---
		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
		****************Abandoned 12/27/2006****************		
MW-2	19.80	6/3/1993	9.54	10.26
		9/14/1994	11.82	7.98
		12/30/1994	9.46	10.34
		3/26/1995	6.82	12.98
		7/9/1995	9.22	10.58
		7/31/1998	8.56	11.24
		2/11/1999	8.12	11.68
		6/23/1999	9.33	10.47
		12/6/1999	11.20	8.60
		3/16/2000	6.88	12.92
		6/13/2000	8.99	10.81
		9/29/2000	10.40	9.40
		3/22/2001	8.46	11.34
		6/25/2001	10.11	9.69
		9/28/2001	11.40	8.40
		12/26/2001	8.28	11.52
		7/7/2005	8.99	10.81
		10/19/2005	10.63	9.17
		1/13/2006	7.15	12.65
		5/5/2006	6.43	13.37
		7/19/2006	8.57	11.23
		10/5/2006	10.05	9.75
		3/29/2007	8.83	10.97
		6/27/2007	9.86	9.94
		9/19/2007	10.89	8.91
		12/19/2007	10.78	9.02
		3/6/2008	8.48	11.32
		6/18/2008	10.23	9.57
		9/10/2008	11.36	8.44
		12/10/2008	11.89	7.91
		3/4/2009	8.68	11.12
		6/3/2009	9.91	9.89
		8/27/2009	11.16	8.64
		12/10/2009	11.32	8.48
		3/10/2010	7.99	11.81
		6/10/2010	9.13	10.67

Table 2
Summary of Historical Groundwater Elevation Data
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	TOC Elevation (ft msl)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft msl)
MW-3	19.79	6/3/1993	9.80	9.99
		9/14/1994	12.19	7.60
		12/30/1994	9.72	10.07
		3/26/1995	6.88	12.91
		7/9/1995	9.52	10.27
		7/31/1998	8.40	11.39
		2/11/1999	7.77	12.02
		6/23/1999	9.21	10.58
		12/6/1999	11.12	8.67
		3/16/2000	6.48	13.31
		6/13/2000	8.76	11.03
		9/29/2000	10.20	9.59
		3/22/2001	8.24	11.55
		6/25/2001	10.04	9.75
		9/28/2001	11.34	8.45
		12/26/2001	8.01	11.78
		7/7/2005	8.84	10.95
		10/19/2005	10.58	9.21
		1/13/2006	6.85	12.94
		5/5/2006	6.11	13.68
		7/19/2006	8.41	11.38
		10/5/2006	10.02	9.77
		3/29/2007	9.71	10.08
		6/27/2007	9.82	9.97
		9/19/2007	10.88	8.91
		12/19/2007	10.68	9.11
		3/6/2008	8.30	11.49
		6/18/2008	10.18	9.61
		9/10/2008	11.33	8.46
		12/10/2008	11.89	7.90
		3/4/2009	8.40	11.39
		6/3/2009	9.81	9.98
		8/27/2009	11.18	8.61
		12/10/2009	11.30	8.49
		3/10/2010	7.78	12.01
		6/10/2010	9.02	10.77
MW-4	19.30	12/6/1999	10.79	8.51
		3/16/2000	6.86	12.44
		6/13/2000	8.18	11.12
		9/29/2000	10.11	9.19
		4/5/2001	8.26	11.04
		6/25/2001	9.68	9.62
		9/28/2001	10.98	8.32
		12/26/2001	8.18	11.12
		7/7/2005	8.77	10.53
		10/19/2005	10.24	9.06
		1/13/2006	(1)	(1)
		5/5/2006	(1)	(1)
		7/19/2006	8.38	10.92
		10/5/2006	9.65	9.65
		3/29/2007	8.55	10.75
		6/27/2007	9.40	9.90
		9/19/2007	10.45	8.85
		12/19/2007	10.35	8.95
		3/6/2008	8.25	11.05
		6/18/2008	9.80	9.50
		9/10/2008	10.89	8.41
		12/10/2008	11.43	7.87
		3/4/2009	8.47	10.83
		6/3/2009	9.53	9.77
		8/27/2009	10.72	8.58
		12/10/2009	10.85	8.45
		3/10/2010	7.87	11.43
		6/10/2010	8.87	10.43

Table 2
Summary of Historical Groundwater Elevation Data
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	TOC Elevation (ft msl)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft msl)
MW-5	18.99	12/6/1999	10.17	8.82
		3/16/2000	6.28	12.71
		6/13/2000	7.95	11.04
		9/29/2000	9.54	9.45
		3/22/2001	7.48	11.51
		6/25/2001	9.05	9.94
		9/28/2001	10.39	8.60
		12/26/2001	7.28	11.71
		8/24/2005	7.87	11.12
		10/19/2005	9.51	9.48
		1/13/2006	6.35	12.64
		5/5/2006	5.64	13.35
		7/19/2006	7.41	11.58
		10/5/2006	8.89	10.10
		***************Abandoned 12/27/2006***************		
MW-6	20.27	12/6/1999	11.46	8.81
		3/16/2000	8.32	11.95
		6/13/2000	9.14	11.13
		9/29/2000	10.81	9.46
		3/22/2001	8.64	11.63
		6/25/2001	10.39	9.88
		9/28/2001	11.70	8.57
		12/26/2001	8.40	11.87
		7/7/2005	9.10	11.17
		10/19/2005	10.88	9.39
		1/13/2006	7.33	12.94
		5/5/2006	6.53	13.74
		7/19/2006	8.64	11.63
		10/5/2006	10.29	9.98
		3/29/2007	9.01	11.26
		6/27/2007	10.14	10.13
		9/19/2007	11.17	9.10
		12/19/2007	10.99	9.28
		3/6/2008	8.65	11.62
		6/18/2008	10.46	9.81
		9/10/2008	11.64	8.63
		12/10/2008	12.18	8.09
		3/4/2009	8.86	11.41
		6/3/2009	10.07	10.20
		8/27/2009	11.45	8.82
		12/10/2009	11.61	8.66
		3/10/2010	8.19	12.08
		6/10/2010	9.30	10.97
MW-7	18.93	3/29/2007	7.90	11.03
		6/27/2007	8.87	10.06
		9/19/2007	9.88	9.05
		12/19/2007	9.72	9.21
		3/6/2008	7.52	11.41
		6/18/2008	9.13	9.80
		9/10/2008	10.29	8.64
		12/10/2008	10.81	8.12
		3/4/2009	7.89	11.04
		6/3/2009	8.70	10.23
		8/27/2009	10.05	8.88
		12/10/2009	10.21	8.72
		3/10/2010	7.16	11.77
		6/10/2010	8.58	10.35

Table 2
Summary of Historical Groundwater Elevation Data
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	TOC Elevation (ft msl)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft msl)
MW-8	19.33	3/29/2007	8.40	10.93
		6/27/2007	9.33	10.00
		9/19/2007	10.31	9.02
		12/19/2007	10.23	9.10
		3/6/2008	9.14	10.19
		6/18/2008	9.74	9.59
		9/10/2008	10.76	8.57
		12/10/2008	11.31	8.02
		3/4/2009	8.59	10.74
		6/3/2009	9.51	9.82
		8/27/2009	10.57	8.76
		12/10/2009	10.72	8.61
		3/10/2010	7.77	11.56
		6/10/2010	8.01	11.32
MW-9	18.83	8/27/2009	10.01	8.82
		12/10/2009	10.16	8.67
		3/10/2010	7.31	11.52
		6/10/2010	8.14	10.69

Notes:
TOC = Top of Casing
ft msl = Feet referenced to mean sea level
--- = Not Available
(1) = Well not accessible due to obstruction by a parked car
yellow row = most recent data

Table 3
Summary of Groundwater Monitoring Analytical Results
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	Sample Date	TPHd	TPHg	B	T	E	X	MTBE	TRPH	DIPE	TBA	1,2-DCA
		Concentrations in micrograms per liter (µg/L)										
ESL		*100*	*100*	*1.0*	*40*	*30*	*20*	*5.0*	*---*	*---*	*12*	*0.5*
proposed SSTLs		*---*	*---*	*940*	*4,300*	*760*	*7,100*	*1,300*	*---*	*---*	*---*	*---*
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	**1,500** [2]	---	---	---	---
	9/28/2001	---	48,000	**5,200**	**6,100**	**2,200**	**8,100**	**4,000**	---	---	---	---
	12/26/2001	---	524	216	1.2	8.6	7.4	**721**	---	---	---	---
	7/7/2005	---	1,500	190	15	36	29	1,100	---	<20	---	50
	10/19/2005	---	11,000	**2,100**	45	370	82	**4,600**	---	<250	<500	200
	1/13/2006	---	5,400	680	37	83	41	**3,900**	---	<250	<500	180
	5/5/2006	---	<25	2	<0.5	<0.5	<0.5	2.2	---	<5.0	<10	<0.5
	7/19/2006	---	5,000	836	22.3	107	81.8	**1,130**	---	<4.2	<84	54.1
	10/5/2006	---	23,000	**3,740**	112	395	161	6,020	---	13.5	546	219
		**********				**Well Abandoned 12/27/2006**						
MW-2	6/3/1993	<50	<50	5.8	<0.5	<0.5	<0.5	---	<500	---	---	---
	9/14/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	12/30/1994	<50	160	1.4	1.4	0.8	5	---	<500	---	---	---
	3/26/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	7/9/1995	---	---	---	---	---	---	---	---	---	---	---
	7/31/1998	220	<50	<0.5	<0.5	<0.5	<0.5	73	<500	---	---	---
	2/11/1999	<50	<50	<0.5	<0.5	<0.5	<0.5	75	---	---	---	---
	6/23/1999	420	<50	<0.5	<0.5	<0.5	<0.5	96	---	---	---	---
	12/6/1999	<110	300	28	45	**6**	37	210	---	---	---	---
	3/16/2000	<50	<50	1	<0.5	0.5	1	3	---	---	---	---
	6/13/2000	<50	68	0.8	<0.5	<0.5	<0.5	38	---	---	---	---
	9/29/2000	<50	67	0.8	0.5	<0.5	1	86 [2]	---	---	---	---
	3/22/2001	<50	<50	1	0.5	<0.5	1	14	---	---	---	---
	6/25/2001	---	<50	<0.5	<0.5	<0.5	<1.0	13	---	---	---	---
	9/28/2001	---	300	4	6	**3**	10	130	---	---	---	---
	12/26/2001	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	---	---	---
	7/7/2005	---	<50	<0.5	<0.5	<0.5	<1.0	20	---	<1.0	---	1.1
	10/19/2005	---	29	1.4	<0.5 [3]	<0.5	<0.5	19	---	<5.0	<10	0.95
	1/13/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	5/5/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	7/19/2006	---	<50	<0.5	<0.5	<0.5	<1.5	16.6	---	<0.5	<10	1.24
	10/5/2006	---	<50	<0.5	<0.5	<0.5	<1.5	11.9	---	<0.5	<10	0.750
Post excavation	3/29/2007	---	<50	<0.5	<0.5	<0.5	<1.5	3.36	---	<0.5	<10	<0.5
	6/27/2007	---	<50	<0.5	<0.5	<0.5	<1.5	10.5	---	<0.5	<10	0.820
	9/19/2007	---	52 [4]	<0.5	<0.5	<0.5	<1.5	18.1	---	<0.5	<10	0.710
	12/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	22.9	---	<0.5	<10	0.840
	3/6/2008	---	<50	<0.5	<0.5	<0.5	<1.5	1.02	---	<0.5	<10	<0.5
	6/18/2008	---	<50	<0.5	<0.5	<0.5	<1.5	36.9	---	<0.5	<10	0.880
	9/10/2008	---	69 [4]	<0.5	<0.5	<0.5	<1.5	24.6	---	<0.5	<10	0.810
	12/10/2008	---	84 [4]	<0.5	<0.5	<0.5	<1.5	30.2	---	<0.5	<10	0.650
	3/4/2009	---	<50	<0.5	<0.5	<0.5	<1.5	3.15	---	<0.5	<10	<0.5
	6/3/2009	---	<55	<0.55	<0.55	<0.55	<1.6	35	---	<0.55	<11	0.55
	8/27/2009	---	<50	<0.5	<0.5	<0.5	<1.5	73	---	<0.5	23	1.1
	3/11/2010	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<30	<0.5

Table 3
Summary of Groundwater Monitoring Analytical Results
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	Sample Date	TPHd	TPHg	B	T	E	X	MTBE	TRPH	DIPE	TBA	1,2-DCA
		Concentrations in micrograms per liter (µg/L)										
ESL		*100*	*100*	*1.0*	*40*	*30*	*20*	*5.0*	*---*	*---*	*12*	*0.5*
proposed SSTLs		*---*	*---*	*940*	*4,300*	*760*	*7,100*	*1,300*	*---*	*---*	*---*	*---*
MW-3	6/3/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	9/14/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	12/30/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	3/26/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	7/9/1995	---	---	---	---	---	---	---	---	---	---	---
	7/31/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5000	---	---	---
	2/11/1999	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	6/23/1999	<50	<50	<0.5	<0.5	<0.5	<0.5	3	---	---	---	---
	12/6/1999	<110	<50	3	1	<0.5	1	0.6	---	---	---	---
	3/16/2000	<50	<50	<0.5	<0.5	<0.5	<1.0	1	---	---	---	---
	6/13/2000	<50	490	0.8	<0.5	<0.5	9	2	---	---	---	---
	9/29/2000	<50	57	<0.5	<0.5	<0.5	<1.0	<1.0 [2]	---	---	---	---
	3/22/2001	<50	<50	<0.5	<0.5	<0.5	<1.0	2	---	---	---	---
	6/25/2001	---	<50	<0.5	<0.5	<0.5	<1.0	0.8	---	---	---	---
	9/28/2001	---	91	<0.5	<0.5	<0.5	2	2	---	---	---	---
	12/26/2001	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	---	---	---
	7/7/2005	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	<1.0	---	<0.5
	10/19/2005	---	<25	<0.5	<0.5 [3]	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	1/13/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	5/5/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	7/19/2006	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	10/5/2006	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
Post excavation	3/29/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	6/27/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	9/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	12/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	3/6/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	6/18/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	9/10/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	12/10/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	3/4/2009	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	6/3/2009	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	8/27/2009	---	<55	<0.55	<0.55	<0.55	<1.6	<0.55	---	<1.55	<11	<0.55
	3/11/2010	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<30	<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 [2]	---	---	---	---
	6/25/2001	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	---	---	---
	9/28/2001	---	<50	<0.5	<0.5	<0.5	2	2	---	---	---	---
	12/26/2001	---	<50	1.6	1.7	1.6	4.4	2.7	---	---	---	---
	7/7/2005	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	<1.0	---	<0.5
	10/19/2005	---	<25	<0.5	<0.5 [3]	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	1/13/2006	********** Not sampled **********										
	5/5/2006	********** Not sampled **********										
	7/19/2006	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	10/5/2006	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
Post excavation	3/29/2007	---	<50	<0.5	<0.5	<0.5	<1.5	0.69	---	<0.5	<10	<0.5
	6/27/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	9/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	1.38	---	<0.5	<10	<0.5
	12/19/2007	---	63 [5]	<0.5	<0.5	<0.5	<1.5	2.20	---	<0.5	<10	0.590
	3/6/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	6/18/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	9/10/2008	---	<50	<0.5	<0.5	<0.5	<1.5	0.700	---	<0.5	<10	<0.5
	12/10/2008	---	<50	<0.5	<0.5	<0.5	<1.5	2.04	---	<0.5	<10	<0.5
	3/4/2009	---	<50	<0.5	<0.5	<0.5	<1.5	2.96	---	<0.5	<10	<0.5
	6/3/2009	---	<50	<0.5	<0.5	<0.5	<1.5	1.5	---	<0.5	<10	<0.5
	8/27/2009	---	<50	<0.5	<0.5	<0.5	<1.5	4.9	---	<0.5	11	1.3
	12/10/2009	---	<50	<0.5	<0.5	<0.5	<1.5	4.1	---	<0.5	<5	0.71
	3/11/2010	---	<50	<0.5	<0.5	<0.5	<1.5	9.8	---	<0.5	<30	<0.5
	6/10/2010	---	<50	<0.5	<0.5	<0.5	0.52	8.5	---	<0.5	6.1	1.8
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	**2,200**	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	**1,000**	110	200	320	140	---	---	---	---
	9/28/2001	---	3,000	**1,200**	77	120	170	770	---	---	---	---
	12/26/2001	---	3,240	738	262	218	626	66.4	---	---	---	---
	8/24/2005	---	150	57	3	8	3.9	67	---	<1.0	18	3.0
	10/19/2005	---	560	130	3.8	23	9.3	230	---	<25	<50	11
	1/13/2006	---	2,300	570	18	120	140	220	---	<25	<50	14
	5/5/2006	---	130	35	1.7	7.8	7.4	8	---	<5.0	<10	0.55
	7/19/2006	---	210	102	1.54	15.8	3.85	27.6	---	<0.5	<10	2.06
	10/5/2006	---	410	105	1.06	9.05	2.24	101	---	0.640	11.3	6.65
		********** **Well Abandoned 12/27/2006** **********										

Table 3
Summary of Groundwater Monitoring Analytical Results
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	Sample Date	TPHd	TPHg	B	T	E	X	MTBE	TRPH	DIPE	TBA	1,2-DCA
		Concentrations in micrograms per liter (µg/L)										
ESL		*100*	*100*	*1.0*	*40*	*30*	*20*	*5.0*	*---*	*---*	*12*	*0.5*
proposed SSTLs		*---*	*---*	*940*	*4,300*	*760*	*7,100*	*1,300*	*---*	*---*	*---*	*---*
MW-6	12/6/1999	110	<50	2	2	0.8	8	1	---	---	---	---
	3/16/2000	<50	<50	8	8	5	18	<0.5	---	---	---	---
	6/13/2000	<50	75	0.7	1	0.9	2	0.6	---	---	---	---
	9/29/2000	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	---	---	---
	3/22/2001	<50	66	0.5	<0.5	<0.5	<1.0	3	---	---	---	---
	6/25/2001	---	<50	<0.5	<0.5	<0.5	<1.0	4	---	---	---	---
	9/28/2001	---	63	2	ND	ND	1	3	---	---	---	---
	12/26/2001	---	<50	<0.5	<0.5	<0.5	1.4	<0.5	---	---	---	---
	7/7/2005	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	<1.0	---	<0.5
	10/19/2005	---	<25	<0.5	<0.5 [3]	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	1/13/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	5/5/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	7/19/2006	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	10/5/2006	---	<50	<05	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
Post excavation	3/29/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	6/27/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	9/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	12/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	3/6/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	6/18/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	9/10/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	12/10/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	3/4/2009	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	6/3/2009	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	8/27/2009	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	3/11/2010	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<30	<0.5
MW-7	3/29/2007	---	840	50.8	9.33	2.54	162	39.9	---	<0.5	<10	2.26
	6/27/2007	---	270	126	<0.5	7.11	<1.5	94.4	---	0.550	58.4	6.21
	9/19/2007	---	191 [4]	0.5	<0.5	5.38	<1.5	49.6	---	<0.5	28.5	4.37
	12/19/2007	---	54 [4]	<0.5	<0.5	<0.5	<1.5	11.4	---	<0.5	<10	1.09
	3/6/2008	---	<50	<0.5	<0.5	<0.5	<1.5	4.83	---	<0.5	<10	0.59
	6/18/2008	---	<50	0.840	<0.5	0.500	<1.5	52.5	---	<0.5	15.3	5.70
	9/10/2008	---	55 [4]	<0.5	<0.5	<0.5	<1.5	15.3	---	<0.5	<10	1.98
	12/10/2008	---	<50	<0.5	<0.5	<0.5	<1.5	2.43	---	<0.5	<10	<0.5
	3/4/2009	---	<50	<0.5	<0.5	<0.5	<1.5	0.530	---	<0.5	<10	<0.5
	6/3/2009	---	<50	0.62	<0.5	<0.5	<1.5	5.2	---	<0.5	<10	<0.5
	8/27/2009	---	<50	<0.5	<0.5	<0.5	<1.5	4.8	---	<0.5	<10	0.55
	3/11/2010	---	<50	<0.5	<0.5	<0.5	<1.5	0.73	---	<0.5	<30	<0.5
MW-8	4/6/2007	---	27,000	**2,460**	**1,520**	210	1,810	**16,000**	---	24.3	1,050	459
	6/27/2007	---	20,000	**2,460**	**382**	611	1,040	**7,310**	---	11.1	3,400	319
	9/19/2007	---	20,400 [4]	814	16.2	219	21.6	**10,300**	---	<4.40	7,080	194
	12/19/2007	---	14,100 [4]	426	10.6	115	22.4	**12,700**	---	25.0	864	289
	3/6/2008	---	19,000 [5]	639	19.5	268	152	**11,200**	---	<4.4	<88	227
	6/18/2008	---	5,800 [4]	496	11.7	258	24.4	**9,730**	---	15.7	468	209
	9/10/2008	---	9,900	299	11.1	73.0	13.6	**11,600**	---	27.1	1,670	240
	12/10/2008	---	6,900	477	3.98	57.9	22.6	**11,600**	---	23.1	634	287
	3/4/2009	---	8,500 [4]	168	1.35	17.3	8.59	**8,190**	---	7.00	2,050	238
	6/3/2009	---	11,000 [5]	490	3.90	57	16	**14,000**	---	<0.5	<10	310
	8/27/2009	---	5,400 [5]	340	8.3	67	37	**8,900**	---	21	2,900	300
	3/11/2010	---	7,900 [5]	660	3.7	100	28.3	**5,800**	---	18	1,100	150
MW-9	8/27/2009	---	<50	<0.5	<0.5	<0.5	<1.5	12	---	<0.5	<10	0.76
	12/10/2009	---	<50	<0.5	0.50	<0.5	<1.5	4.8	---	<0.5	<5.0	<0.5
	3/10/2010	---	<50	<0.5	<0.5	<0.5	<1.5	3.8	---	<0.5	<30	<0.5
	6/10/2010	---	<50	<0.5	<0.5	<0.5	<1.5	7.4	---	<0.5	<5.0	0.6

Notes:

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

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

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

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

TRPH = Total Recoverable Petroleum Hydrocarbons

<X = Concentration less than laboratory reporting limit

--- = Not Analyzed

[1] = Does not match diesel chromatogram pattern

[2] = Confirmed by EPA Method 8260

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

[4] = TPH Gasoline value is primarily due to individual peaks / non-target compounds within gasoline quantitative range.

[5] = TPH value partially due to individual peak (MTBE) within gasoline quantitative range.

ESLs = Environmental Screening Levels **(Table F-1a)**, groundwater is a current or potential drinking water resource (CRWQCB, Interim Final, November 2007, revised May 2008).

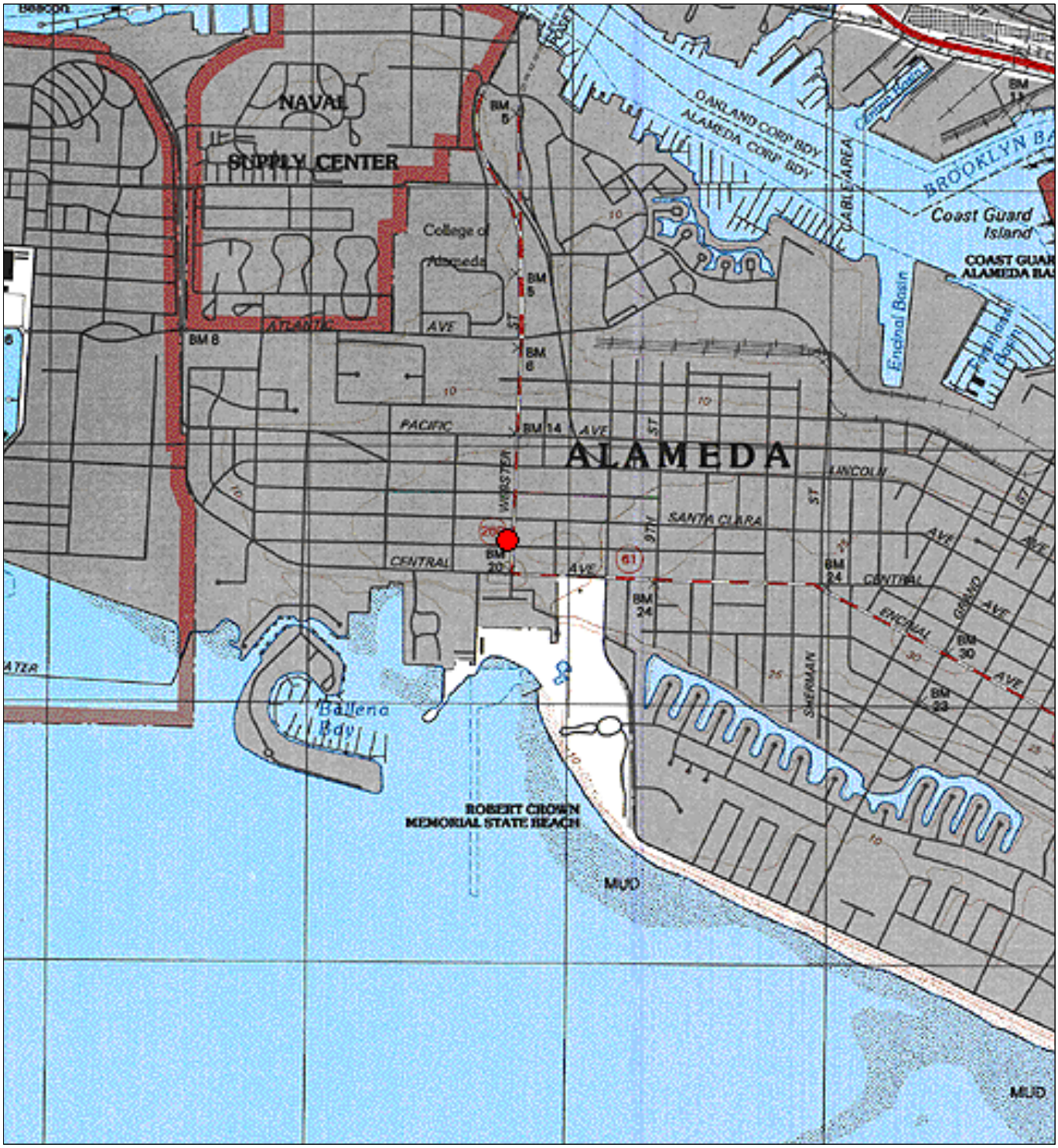
Proposed SSTLs = site-specific treatment levels proposed in the Updated Site Conceptual Model, Health Risk Assessment, Feasibility Study, and Corrective Action Plan (TEC 2010).

bold = constituent exceeds proposed SSTL

yellow row = most recent data

FIGURES

S:\1 Environmental, Dept\Active Sites\Olympian\1435 Webster, Alameda\FIGURES\QMRs\2009 3 1stQMR 1435 Webster 322-1-09.dwg, 3/17/2009 10:52:25 AM, aharris



0 1/2 1Mile

0 1,000m

N	Site Location Map By: TOPO! Date: 3/17/2009 Drafted By: AK	**SITE** 1435 Webster Street Alameda, California TEC ACCUTITE 262 Michelle Court So. San Francisco, CA 94080 Main: (650) 616-1200 Fax: (650) 616-1244	**FIGURE** 1	**TITLE** **Vicinity Map**

PARKING LOT

Sapporo Sushi Boat

Bar and Grill

Shoe Repair

Taqueria Calafia

SUBJECT SITE
1435 Webster Street
Alameda, CA

RESIDENTIAL

SIDEWALK

WEBSTER STREET

SIDEWALK

Dollar Store

Island Paradise Club

Giant Burger

SIDEWALK

TAYLOR AVENUE

SIDEWALK

Liquor Store

Japanese Resturaunt

Alameda Aquatics

Hair Salon

SIDEWALK

SIDEWALK

(Former Gas Station, 1950)
Existing US Bank

FORMER GAS ISLAND

FORMER 500-GALLON WASTE OIL UST

FORMER 10,000-GALLON REG. GAS UST

FORMER 7,500-GALLON DIESEL UST

MW-1 MW-2 MW-3 MW-4 MW-5 MW-6 MW-7 MW-8 MW-9

B1 B2 B3 B4

B-6 B-7 B-8 B-9 B-10 B-11 B-12 B-13 B-14 B-15 B-16 B-17 B-18 B-19 B-20 B-21 B-22 B-23 B-24

SV-1 SV-2 SV-3 SV-4 SV-5 SV-6 SV-7

VMP-1 VMP-2 VMP-3 VMP-4 VMP-5

CB-1 CB-2 CB-3 CB-4 CB-5 CB-6 CB-7 CB-8 CB-9 CB-10 CB-11 CB-12 CB-13 CB-13A CB-14 CB-15 CB-16 CB-17

SP-1 SP-2 SP-3 SP-4 SP-5 SP-6 SP-7 SP-8

DB-1 DB-2 DB-3 DB-4 DB-5

WEB1 WEB2 WEB3 WEB4

B1 B4

LEGEND

- MW-2 — Monitoring well location
- VMP-5 — Vapor monitoring point (Jul.2009)
- B-19 - B-24 — Soil boring location (Jun. 2009)
- B-6 - B-18 — Soil boring location (Jul. 2007)
- SP-4 — Soil boring location (June. 2006)
- DB-4 — Soil boring location (Dec. 2006)
- CB-2 — Pre-excavation boring location (Nov.2006)
- SV7 — Soil vapor point (2003)
- B1-B4 — Soil boring location (2001)
- B1-B4 — Soil boring location (1999)
- Soil gas sample (1988)
- WEB2 — Excavation confirmation sample (1991)
- Excavation Area (1991)
- Excavation Area (2007)
- Former UST / Dispenser Island
- UST — Underground storage tank

0 15 30
SCALE (ft)

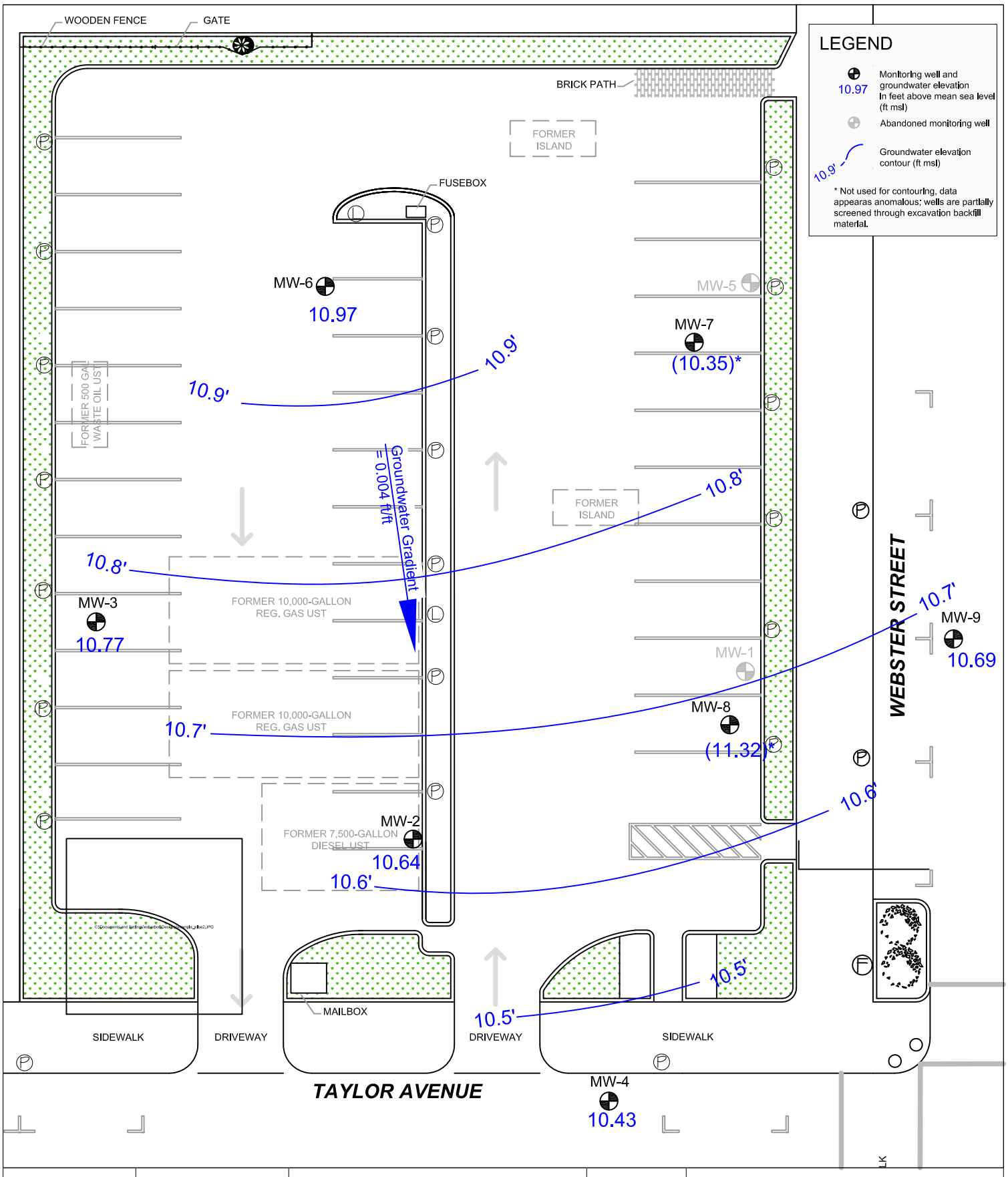
Revision: 0
Date: 9/28/2009
Drafted By: LC

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

SITE
1435 Webster
Alameda, California

FIGURE
2

Site Map



S:\1 Environmental_Dept\Active Sites\Olympian\1435 Webster, Alameda\FIGURES\QMRs\2010 06 02\MR 1435 Webster E410.dwg, 6/29/2010 2:50:22 PM, E. Stanford, TEC Accutite

0 9 18
SCALE (ft)

Revision:
Date: 3/26/2010
Drafted By: ES

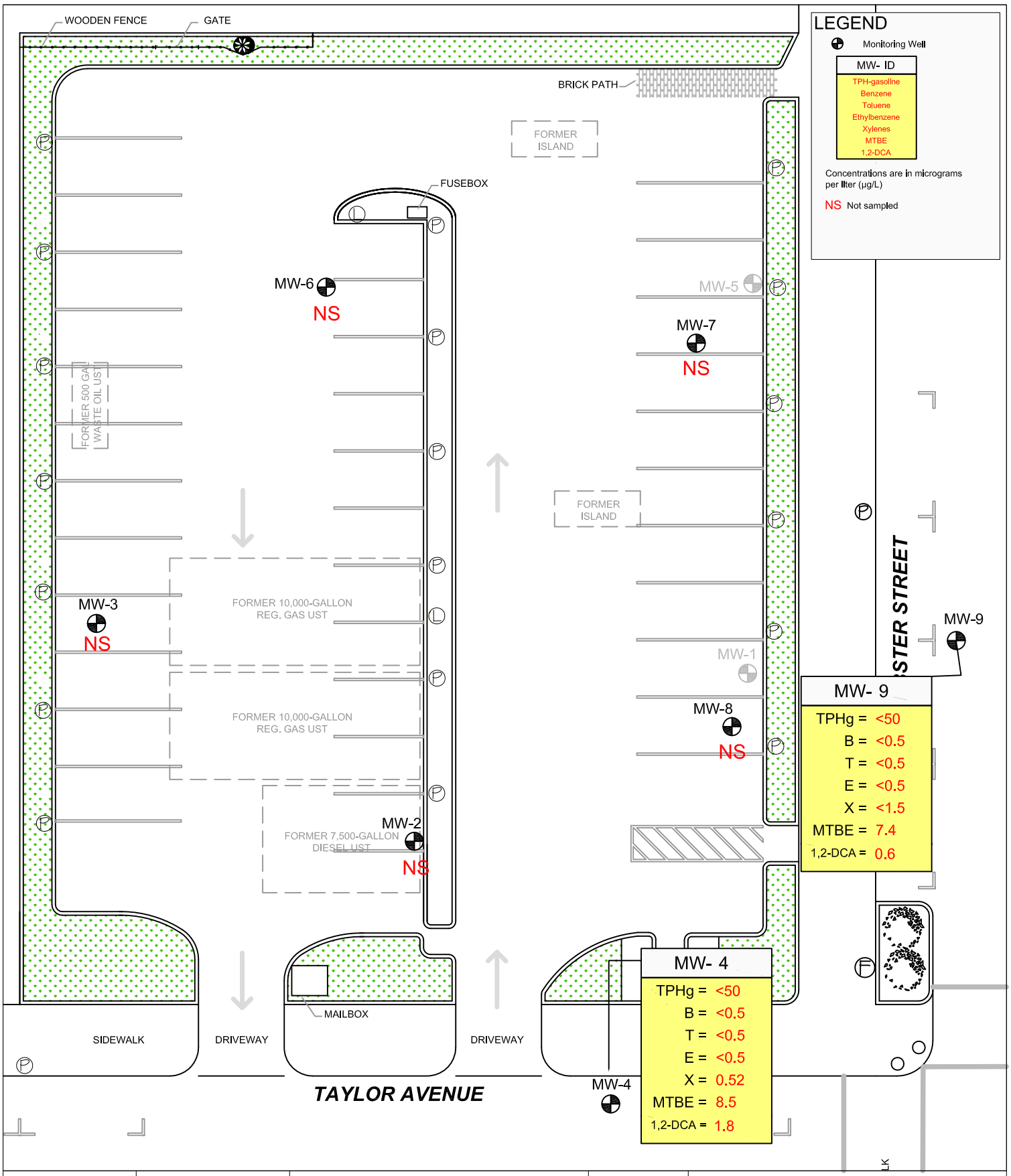
TEC ACCUTITE
262 Michelle Court
So. San Francisco, CA 94080
Main: (650) 616-1200
Fax: (650) 616-1244

SITE
1435 Webster Street
Alameda, California

FIGURE
3

Groundwater Gradient Map

June 10, 2010



0 9 18
SCALE (ft)

Revision:
Date: 6/22/2010
Drafted By: ES

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

SITE
1435 Webster Street
Alameda, California

FIGURE
4

Petroleum Hydrocarbons in Groundwater

June 2010

ATTACHMENT A

FIELD DATA SHEETS

TEC ACCUTITE Well Data Sheet

Date: 6/10/10	Site Name: 1435 Webster	Project #: E-419-2-10	Sampler: BD
Event: Q2 QMR	Site Address: Alameda	Client: Olympian	

WELL ID	TIME	MEASUREMENT					WELL DIAMETER	COMMENTS (i.e. pressurized or maintenance req.)
		DTP	PT	DTW	Historic DTB date: 6/3/09	Today's DTB		
MW-2	924			9.13	19.42		2"	
MW-3	920			9.02	21.85		2"	
MW-4	925			8.87	19.76		2"	
MW-6	922			9.30	19.34		2"	
MW-7	928			8.58	19.81		4"	
MW-8	937			8.01	20.03		4"	
MW-9	939			8.14	19.94		4"	

Abbreviations:

(Q9)

TEC Accutite
Water Sample Field Data Sheet

Project #: E-419-2-10 **Purged By:** BD **Well ID:** MW-4

Client Name: Olympian **Sampled By:** BD **Sample ID:** MW-4

Location: 1435 Webster **QA Samples:** ---

Purge Information

Date: 6/10/10 **Start (2400hr):** 1039 **End (2400hr):** 1042

Depth to Bottom: 19.76 **Depth to Water:** 8.87 **Casing Diameter:** 2"

DTB - DTW: 10.89 **Purge (gal):** 1.85 **x 3 volumes:** 5.55

Field Measurements

Time (2400hr)	Volume (gal)	Temp (°C)	Conductivity (µmhos/cm)	pH (units)	Turbidity (NTU)	D.O. (mg/l)	Depth (ft)
1041	2.0	18.6	426	6.31	low	clear	dry
1042	WELL	WENT	DRY	@ ~2	GALLONS		

Sample Information

Date: 6/10/10 **Time:** 1049 **DTW:** 9.95 **Turbidity:** low

Odor: none **Analysis:** 8260 **Sample Vessels:** 3 VOAs **Preservative:** HCl

Purging Equipment		Sampling Equipment	
X submersible pump	___ peristaltic pump	___ submersible pump	___ peristaltic pump
___ bailer (disposable)	___ bailer (st. steel)	X bailer (disposable)	___ bailer (st. steel)
___ dedicated	___ bladder pump	___ dedicated	___ bladder pump
other: ___		other: ___	

Well Integrity: good **Lock :** no

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

Signature: Brian Doherty

TEC Accutite
Water Sample Field Data Sheet

Project #: E-419-2-10 **Purged By:** BD **Well ID:** MW-9

Client Name: Olympian **Sampled By:** BD **Sample ID:** MW-9

Location: 1435 Webster **QA Samples:** ---

Purge Information

Date: 6/10/10 **Start (2400hr):** 952 **End (2400hr):** 1004

Depth to Bottom: 19.94 **Depth to Water:** 8.14 **Casing Diameter:** 4"

DTB - DTW: 11.80 **Purge (gal):** 7.67 **x 3 volumes:** 23.01

Field Measurements

Time (2400hr)	Volume (gal)	Temp (°C)	Conductivity (µmhos/cm)	pH (units)	Turbidity (NTU)	D.O. (mg/l)	Depth (ft)
955	7.5	19.7	668	6.75	low	clear	11.50
959	15.0	19.6	663	6.59	"	"	13.30
1004	23.0	19.5	653	6.51	"	"	14.44

Sample Information

Date: 6/10/10 **Time:** 1017 **DTW:** 9.15 **Turbidity:** low

Odor: slight **Analysis:** 8260 **Sample Vessels:** 3 VOAs **Preservative:** HCl

Purging Equipment		Sampling Equipment	
X submersible pump	___ peristaltic pump	___ submersible pump	___ peristaltic pump
___ bailer (disposable)	___ bailer (st. steel)	X bailer (disposable)	___ bailer (st. steel)
___ dedicated	___ bladder pump	___ dedicated	___ bladder pump
other: _____		other: _____	

Well Integrity: good **Lock :** no

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

Signature: Brian Doherty

ATTACHMENT B

LABORATORY REPORT AND
CHAIN-OF-CUSTODY DOCUMENTATION

Tec Accutite
262 Michelle Ct
South San Francisco, California 94080
Tel: (650) 616-1200
Fax: (650) 616-1244
Email: tecaccutite@gmail.com

RE: 1435 Webster

Work Order No.: 1006101

Dear Brian Doherty:

Torrent Laboratory, Inc. received 2 sample(s) on June 14, 2010 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 test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

Patti Sandrock

June 21, 2010
Date

Date: 6/21/2010

Client: Tec Accutite

Project: 1435 Webster

Work Order: 1006101

CASE NARRATIVE

No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Brian Doherty

Tec Accutite

Date Received: 06/14/10

Date Reported: 06/21/10

MW-4 1006101-001A

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
MTBE	SW8260B	1	0.38	0.50	8.5	ug/L
tert-Butanol	SW8260B	1	1.5	5.0	6.1	ug/L
1,2-Dichloroethane	SW8260B	1	0.28	0.50	1.8	ug/L
o-Xylene	SW8260B	1	0.13	0.50	0.52	ug/L

MW-9 1006101-002A

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
MTBE	SW8260B	1	0.38	0.50	7.4	ug/L
1,2-Dichloroethane	SW8260B	1	0.28	0.50	0.60	ug/L

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 06/14/10
Date Reported: 06/21/10

Client Sample ID:	MW-4	**Lab Sample ID:**	1006101-001A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Water
Project Number:	17747		
Date/Time Sampled:	06/10/10 / 10:49		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	06/17/10	1	0.38	0.50	8.5		ug/L	401289	NA
tert-Butanol	SW8260B	NA	06/17/10	1	1.5	5.0	6.1		ug/L	401289	NA
Diisopropyl ether (DIPE)	SW8260B	NA	06/17/10	1	0.36	0.50	ND		ug/L	401289	NA
ETBE	SW8260B	NA	06/17/10	1	0.40	0.50	ND		ug/L	401289	NA
Benzene	SW8260B	NA	06/17/10	1	0.33	0.50	ND		ug/L	401289	NA
TAME	SW8260B	NA	06/17/10	1	0.32	0.50	ND		ug/L	401289	NA
1,2-Dichloroethane	SW8260B	NA	06/17/10	1	0.28	0.50	1.8		ug/L	401289	NA
Toluene	SW8260B	NA	06/17/10	1	0.19	0.50	ND		ug/L	401289	NA
1,2-Dibromoethane	SW8260B	NA	06/17/10	1	0.19	0.50	ND		ug/L	401289	NA
Ethyl Benzene	SW8260B	NA	06/17/10	1	0.15	0.50	ND		ug/L	401289	NA
m,p-Xylene	SW8260B	NA	06/17/10	1	0.20	1.0	ND		ug/L	401289	NA
o-Xylene	SW8260B	NA	06/17/10	1	0.13	0.50	0.52		ug/L	401289	NA
(S) Dibromofluoromethane	SW8260B	NA	06/17/10	1	61.2	131	86.7		%	401289	NA
(S) Toluene-d8	SW8260B	NA	06/17/10	1	75.1	127	87.1		%	401289	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	06/17/10	1	64.1	120	94.7		%	401289	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	06/21/10	1	22	50	ND		ug/L	401298	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	06/21/10	1	58.4	133	84.4		%	401298	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 06/14/10
Date Reported: 06/21/10

Client Sample ID:	MW-9	**Lab Sample ID:**	1006101-002A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Water
Project Number:	17747		
Date/Time Sampled:	06/10/10 / 10:17		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	06/17/10	1	0.38	0.50	7.4		ug/L	401289	NA
tert-Butanol	SW8260B	NA	06/17/10	1	1.5	5.0	ND		ug/L	401289	NA
Diisopropyl ether (DIPE)	SW8260B	NA	06/17/10	1	0.36	0.50	ND		ug/L	401289	NA
ETBE	SW8260B	NA	06/17/10	1	0.40	0.50	ND		ug/L	401289	NA
Benzene	SW8260B	NA	06/17/10	1	0.33	0.50	ND		ug/L	401289	NA
TAME	SW8260B	NA	06/17/10	1	0.32	0.50	ND		ug/L	401289	NA
1,2-Dichloroethane	SW8260B	NA	06/17/10	1	0.28	0.50	0.60		ug/L	401289	NA
Toluene	SW8260B	NA	06/17/10	1	0.19	0.50	ND		ug/L	401289	NA
1,2-Dibromoethane	SW8260B	NA	06/17/10	1	0.19	0.50	ND		ug/L	401289	NA
Ethyl Benzene	SW8260B	NA	06/17/10	1	0.15	0.50	ND		ug/L	401289	NA
m,p-Xylene	SW8260B	NA	06/17/10	1	0.20	1.0	ND		ug/L	401289	NA
o-Xylene	SW8260B	NA	06/17/10	1	0.13	0.50	ND		ug/L	401289	NA
(S) Dibromofluoromethane	SW8260B	NA	06/17/10	1	61.2	131	87.2		%	401289	NA
(S) Toluene-d8	SW8260B	NA	06/17/10	1	75.1	127	96.1		%	401289	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	06/17/10	1	64.1	120	87.6		%	401289	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	06/17/10	1	22	50	ND		ug/L	401293	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	06/17/10	1	58.4	133	62.9		%	401293	NA

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1006101	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	06/17/10	**Analytical Batch:**	401289
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.41	0.50	ND	
Chloromethane	0.41	0.50	ND	
Vinyl Chloride	0.37	0.50	ND	
Bromomethane	0.37	0.50	ND	
Trichlorofluoromethane	0.34	0.50	ND	
1,1-Dichloroethene	0.29	0.50	ND	
Freon 113	0.38	0.50	ND	
Methylene Chloride	0.18	5.0	ND	
trans-1,2-Dichloroethene	0.31	0.50	ND	
MTBE	0.38	0.50	ND	
tert-Butanol	1.5	5.0	ND	
Diisopropyl ether (DIPE)	0.36	0.50	ND	
1,1-Dichloroethane	0.28	0.50	ND	
ETBE	0.40	0.50	ND	
cis-1,2-Dichloroethene	0.33	0.50	ND	
2,2-Dichloropropane	0.37	0.50	ND	
Bromochloromethane	0.34	0.50	ND	
Chloroform	0.29	0.50	ND	
Carbon Tetrachloride	0.26	0.50	ND	
1,1,1-Trichloroethane	0.32	0.50	ND	
1,1-Dichloropropene	0.40	0.50	ND	
Benzene	0.33	0.50	ND	
TAME	0.32	0.50	ND	
1,2-Dichloroethane	0.28	0.50	ND	
Trichloroethylene	0.38	0.50	ND	
Dibromomethane	0.21	0.50	ND	
1,2-Dichloropropane	0.37	0.50	ND	
Bromodichloromethane	0.23	0.50	ND	
2-Chloroethyl vinyl ether	0.91	2.0	ND	
cis-1,3-Dichloropropene	0.30	0.50	ND	
Toluene	0.19	0.50	ND	
Tetrachloroethylene	0.15	0.50	0.34	
trans-1,3-Dichloropropene	0.20	0.50	ND	
1,1,2-Trichloroethane	0.20	0.50	ND	
Dibromochloromethane	0.21	0.50	ND	
1,3-Dichloropropane	0.18	0.50	ND	
1,2-Dibromoethane	0.19	0.50	ND	
Chlorobenzene	0.14	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.10	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1006101	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	06/17/10	**Analytical Batch:**	401289
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
m,p-Xylene	0.20	1.0	ND	
o-Xylene	0.13	0.50	ND	
Styrene	0.20	0.50	ND	
Bromoform	0.45	1.0	ND	
Isopropyl Benzene	0.28	0.50	ND	
Bromobenzene	0.39	0.50	ND	
1,1,2,2-Tetrachloroethane	0.26	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
2-Chlorotoluene	0.33	0.50	ND	
1,3,5-Trimethylbenzene	0.20	0.50	ND	
4-Chlorotoluene	0.32	0.50	ND	
tert-Butylbenzene	0.29	0.50	ND	
1,2,3-Trichloropropane	0.59	1.0	ND	
1,2,4-Trimethylbenzene	0.33	0.50	ND	
sec-Butyl Benzene	0.24	0.50	ND	
p-Isopropyltoluene	0.25	0.50	ND	
1,3-Dichlorobenzene	0.31	0.50	ND	
1,4-Dichlorobenzene	0.37	0.50	ND	
n-Butylbenzene	0.32	0.50	ND	
1,2-Dichlorobenzene	0.39	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND	
Hexachlorobutadiene	0.22	0.50	ND	
1,2,4-Trichlorobenzene	0.48	1.0	ND	
Naphthalene	0.57	1.0	0.78	
1,2,3-Trichlorobenzene	0.52	1.0	ND	
(S) Dibromofluoromethane			95.1	
(S) Toluene-d8			93.6	
(S) 4-Bromofluorobenzene			90.1	

Work Order:	1006101	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	06/17/10	**Analytical Batch:**	401293
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	22	50	ND	
(S) 4-Bromofluorobenzene			69.9	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1006101	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	06/21/10	**Analytical Batch:**	401298
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	22	50	ND	
(S) 4-Bromofluorobenzene			82.7	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1006101	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	06/17/10	**Analytical Batch:**	401289
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50		17.04	114	101	12.2	61.4 - 129	30	
Benzene	0.33	0.50		17.04	116	114	1.73	66.9 - 140	30	
Trichloroethylene	0.38	0.50		17.04	101	99.9	0.469	69.3 - 144	30	
Toluene	0.19	0.50		17.04	117	106	9.92	76.6 - 123	30	
Chlorobenzene	0.14	0.50		17.04	119	110	8.37	73.9 - 137	30	
(S) Dibromofluoromethane				11.36	91.5	111		61.2 - 131		
(S) Toluene-d8				11.36	83.4	98.2		75.1 - 127		
(S) 4-Bromofluorobenzene				11.36	93.7	81.7		64.1 - 120		

Work Order:	1006101	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	06/17/10	**Analytical Batch:**	401293
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	22	50		227.27	111	112	0.212	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.36	83.0	91.5		58.4 - 133		

Work Order:	1006101	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	06/21/10	**Analytical Batch:**	401298
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	22	50		227.27	110	104	5.38	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.36	79.9	59.3		58.4 - 133		

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit (PQL) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg.m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the anlayte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Tec Accutite

Project Name: 1435 Webster

Work Order No.: 1006101

Date and Time Received: 6/14/2010 16:10

Received By: NG

Physically Logged By: NG

Checklist Completed By: NG

Carrier Name: Gold Bullet Courier

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes			
Container/Temp Blank temperature in compliance?	Yes	Temperature:	5	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?				

pH Checked by: pH Adjusted by:

Login Summary Report

Client ID:	TL5132	Tec Accutite	**QC Level:**	
Project Name:	1435 Webster		**TAT Requested:**	5+ day:0
Project # :	17747		**Date Received:**	6/14/2010
Report Due Date:	6/21/2010		**Time Received:**	16:10

Comments: 5 day TAT!!! Recv'd 2 groundwaters for TPHg; BTEX; Fuel Oxygenates and Lead Scavengers.Pls. email an EDF result to Brian/tecaccutite@gmail.com.Run to ESL's.

Work Order # : ***1006101***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1006101-001A	MW-4	06/10/10 10:49	Water	07/29/10			W_8260Pet EDF W_GCMS-GRO	
Sample Note:	TPHg, BTEX,Oxys,Lead scavengers for both samples.Run to ESLs for both samples.							
1006101-002A	MW-9	06/10/10 10:17	Water	07/29/10			W_8260Pet W_GCMS-GRO	

Torrent LABORATORY, INC.

TEC ACCUTITE
262 Michelle Court
South San Francisco, CA 94080
Ph No.: (650)616 1200, Fax No.: (650)616 1244

CHAIN OF CUSTODY

Lab Work Order #: 1006101

Project Name:	1435 Webster			Report to: Brian tecaccutite@gmail.com		Analysis Required									Turn-around Time (work days)
Project Address:	1435 Webster St. Alameda, CA			Bill to: TEC Accutite (650) 616-1200		8260 TPHg BTEX oxygenates, lead scavengers									ASAP / 1 Day / 2 Days / 3 Days / 5 Days ■ / 10 Days / Other:
Global ID:	T0600100766			PO #: 17747											Sample Type: ground water
Sampler:	BD	Date: 6/1/10													Report Format: EDF
Field Point ID	Sample ID	Sample Matrix	# of Containers	Container Type	Sample Date & Time										Remarks
MW-4	MW-4	W	3	VOAs w/ HCl	6/10/10 1049	√									Run to ESLs
MW-9	MW-9	W	3	VOAs w/ HCl	6/10/10 1017	√									
															Temp. 5°C

001A (beside MW-4)
002A (beside MW-9)

Relinquished by	Date	Time	Received by	Date	Time
Brian Doherty (signed)	6/14/10	1500	M. Vasquez	6/14/10	1500
M. Vasquez	6/14/10	1610	R.G. Ghadasara	6-14-10	16:10

Gold Bullet.

ATTACHMENT C

GeoTracker Submission Confirmations

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

SUCCESS

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

Submittal Type:	**GEO_WELL**
Submittal Title:	**2010 Q2 Monitoring Report**
Facility Global ID:	**T0600100766**
Facility Name:	**OLYMPIAN #112**
File Name:	**GEO_WELL.zip**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**6/22/2010 11:27:09 AM**
Confirmation Number:	**3347375452**

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

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

Submittal Type:	**EDF - Monitoring Report - Quarterly**
Submittal Title:	**2010 Q2 Monitoring Report**
Facility Global ID:	**T0600100766**
Facility Name:	**OLYMPIAN #112**
File Name:	**TEC Accutite 1006101 1435 Webster EDF.zip**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**6/22/2010 11:28:52 AM**
Confirmation Number:	**8577416956**

VIEW QC REPORT

VIEW DETECTIONS REPORT

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_REPORT FILE

SUCCESS

Your GEO_REPORT file has been successfully submitted!

Submittal Type:	**GEO_REPORT**
Report Title:	**2010 Q2 Monitoring Report**
Report Type:	**Monitoring Report - Quarterly**
Report Date:	**6/30/2010**
Facility Global ID:	**T0600100766**
Facility Name:	**OLYMPIAN #112**
File Name:	**2010_06_Q2 QMR_1435 Webster E419 FINAL.pdf**
Username:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**6/30/2010 10:51:34 AM**
Confirmation Number:	**1229074060**