PACIFIC COAST
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Environmental Services

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8:52 am, Sep 10, 2012
Alameda County
Environmental Health

September 06, 2012

Mr. Keith Nowles
Alameda County Environmental Health Services Agency
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RE: 2011 Second Semi-Annual Groundwater Monitoring Report –June 2011
Pacific Supply Oakland
1735 24th Street
Oakland, CA 94607

Dear Mr. Keith Nowles:

Attached is the Groundwater Monitoring Report –June 2011 dated October 14, 2010 describing the semi-annual groundwater monitoring at the above address performed by Brunsing Associates.

I declare under penalty of perjury that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

If you have any questions regarding this report, please contact William Coset of Brunsing Associates at (707) – 838 -3027, myself at (916) 645 -2568 (direct line) or (916)835 -6207 (cell number).

Sincerely,

Normita G. Callison

Normita G. Callison, REM
Environmental Consultant
For: PCCI and Subsidiaries

Enclosure
Groundwater Monitoring Report –June 2011

10600 White Road, Rancho Cordova, CA 95670
Tel No. (916) 631 – 6559 ▪ Mobile No. (916) 835 -6207

Brunsing Associates, Inc.

October 14, 2011 Project No. 029

Mr. Paresh C. Khatri
Alameda County Health Care Services Agency
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Groundwater Monitoring Report-June 2011
Pacific Supply Company
1735 24th Street
Oakland, California

Dear Mr. Khatri:

This report has been prepared by Brunsing Associates, Inc. (BAI) to provide a summary of the fieldwork completed at 1735 24th Street, Oakland, California (Plate 1) and the corresponding laboratory analytical results reported for groundwater samples collected during this semi-annual monitoring event. Fieldwork was conducted at the site on June 3 and 6, 2011. The fieldwork was completed in accordance with the Alameda County Health Care Services Agency (ACHCSA) correspondence dated November 6, 2003.

Site Background

In May 1987, efforts were initiated to abandon a 1,000-gallon underground gasoline storage tank at Pacific Supply Company's West Oakland site. Soil and associated vapor samples from exploratory boreholes at the site were analyzed by Anatec Laboratories. The results indicated that soil in the vicinity of the tank was contaminated with gasoline and raised the possibility that gasoline may have reached groundwater below the site. During subsequent removal of the tank by Erikson Industrial Services, substantial deterioration of the tank body was documented. Gasoline odors were also detected during tank removal operations.

In order to assess the extent of soil and groundwater quality beneath and immediately adjacent to the Pacific Supply Company site and the potential for migration of contaminants from off-site sources, BAI carried out a two-phase soil and groundwater investigation. Monitoring wells MW-1 through MW-5 (Plate 2) were constructed in September 1988 as the first phase of the soil and

groundwater investigation. Monitoring wells MW-6 and MW-7 were constructed on December 19, 1989 during Phase II of the same investigation. The construction and sampling of these wells are documented in BAI's "Report of Findings", dated March 23, 1990. The results of the Phase I and II investigations indicated that light petroleum hydrocarbons had migrated beyond the immediate vicinity of the former underground storage tank (UST); however, it was concluded that hydrocarbons in the soil and groundwater had not extended beyond the limits of the property.

The Pacific Supply Company initiated quarterly groundwater monitoring at the request of the ACHCSA in May 1992. Initially, only on-site wells were monitored for total petroleum hydrocarbons (TPH) as gasoline, benzene, toluene, ethylbenzene and xylenes (BTEX), and lead. Later, the five on-site and the two off-site wells were monitored quarterly.

A vapor extraction pilot study was performed in June 1992 to determine the feasibility of using vapor extraction technology as an in-situ corrective action to remove volatile petroleum hydrocarbons from the shallow subsurface soils. A two-inch diameter vapor extraction well (VEW-1) was installed at the location indicated on Plate 2 to an approximate depth of 8 feet below ground surface (bgs). The results of the 4-day pilot study indicated that the lithology at the site permitted the flow of air through the soils at a sufficient rate so as to volatilize hydrocarbon constituents in the soil. The radius of influence was determined in the field by measuring the relative pressure at several probe locations positioned at various radial distances away from the extraction well. The results indicated that the estimated radius of influence from the 2-inch diameter extraction well was approximately 30 feet at a relatively low pressure of less than 50 inches of water, as discussed in BAI's report titled "Vapor Extraction Remedial Design Report and Specification," dated May 24, 1993.

In response to an ACHCSA December 1992 request, BAI also performed an investigation to attempt to delineate the zero line of contamination. Ten soil borings (B-1 through B-10) were drilled as part of this investigation to depths of approximately 7 to 10 feet bgs (Plate 2). From each boring, one soil sample was retained from a depth of approximately 7 to 8 feet bgs for analytical testing of TPH as gasoline and BTEX. Further discussions of this investigation are provided in BAI's report titled "Vapor Extraction Remedial Design Report and Specification," dated May 24, 1993.

Vapor recovery wells VRW-1 through VRW-9 were constructed in August 1993 as part of a vapor recovery system. During installation of the extraction wells, soil samples were collected for chemical analysis in the borings at the depth where groundwater was first encountered, at approximately 7 feet bgs. Installations of these wells were documented in a February 7, 1994 report. A vapor extraction system was installed in the fall of 1993 as an interim remedial action. The system began operation on December 26, 1993. The system consisted of an internal combustion engine with a spray aeration tank for treatment of groundwater, and an activated carbon treatment polishing step prior to groundwater discharge. The internal combustion unit

and spray aeration unit was manufactured by Remediation Service International (RSI), under the trade name Spray Aeration Vapor Extraction (SAVE) system.

On June 28, 1996, the treatment system was shut down with the concurrence of Pacific Supply Company. Prior to shut down, the system had destroyed an estimated 6,550 pounds of petroleum hydrocarbons since start of operations on December 26, 1993. After shut down, the water in the water tank was treated and discharged to the sanitary sewer under the existing permit and the inside of the tank was cleaned on July 15, 1996.

The permit with the Bay Area Air Quality Management District (BAAQMD) expired on September 1, 1996, and was not renewed. The water discharge permit was discontinued on July 31, 1996. The total volume of water discharged to the sanitary sewer was 151,089 gallons. In December 1996, the shut down and decommissioning of the system was authorized by Jennifer Eberle of the Alameda County Department of Health Services.

Groundwater monitoring continued following the shut down of the vapor extraction system. In August 2000, BAI supervised the drilling of three soil borings in 24th Street, on the north side of the Pacific Supply Company building in a downgradient direction from the former UST location. Grab groundwater samples were collected to evaluate whether off-site migration of hydrocarbon contamination in groundwater was occurring. One of the three groundwater samples was reported to contain low levels of TPH as gasoline, BTEX, and petroleum oxygenates. The results of the field investigation are presented in BAI's "Groundwater Investigation and Monitoring Report," dated December 14, 2000.

The drilling activities were performed on July 21, 2004 to determine the effectiveness of the vapor extraction system and to collect soil samples for geotechnical properties to aid in the evaluation of risk based cleanup scenarios. Soil borings CB-1 through CB-14 were drilled to depths ranging from 7 to 8.5 feet bgs. The soil samples selected for laboratory analyses were collected based on the elevation of the historical contamination in the vicinity of the boring, or direction from the ACHCS. The results of this investigation are presented in BAI's report titled "Soil Parameters and Confirmation Soil Sampling Investigation Report", dated January 31, 2005.

Table 1 presents a summary of groundwater analytical data and groundwater elevations for the monitoring wells. Table 2 presents the groundwater concentrations and groundwater elevations for vapor recovery wells. Plate 2 presents a site map that shows the historical boring and sampling locations. Groundwater elevations calculated from this monitoring even are provided on Plate 3.

Scope of Work

The scope of work performed for this monitoring event included measuring depths to water in the groundwater and vapor recovery wells and collecting groundwater samples for laboratory analyses. The samples were submitted to a State-certified laboratory under chain of custody protocol.

On June 3, 2011 BAI measured depths to water in groundwater monitoring wells MW-1 through MW-3 and vapor recovery wells VRW-2 through VRW-8. The groundwater monitoring data and calculated elevations relative to mean sea level (MSL) for wells MW-1 through MW-3 (and historical data for wells MW-4 through MW-7) are presented in Table 1, and in Table 2 for vapor recovery wells VRW-1 through VRW-9.

On June 3 and 6, 2011 BAI collected groundwater samples from groundwater monitoring wells MW-2 and MW-3 and vapor recovery wells VRW-2, VRW-3, VRW-4, MW-5, VRM-6, VRW-7, VRM-8, and VRW-9.

The groundwater sampling protocol and field logs are included in Appendix A. BACE Analytical & Field Services (BAFS) analyzed the groundwater samples for TPH as gasoline and for volatile organic compounds (VOCs) including BTEX and MTBE by EPA Test Method 8260. The groundwater analytical report for the groundwater samples is presented in Appendix B.

Groundwater Flow Direction

Based on data from well VRW-3, MW-2, and MW-3, the groundwater gradient on June 3, 2011 was 0.006 feet per foot toward the north, with groundwater elevations ranging from 4.10 feet to 4.60 feet above MSL. The groundwater elevations are presented on Plate 3.

Groundwater Analytical Results

TPH as gasoline was reported in the sample collected from well MW-2 at a concentration of 1.3 milligrams per liter (mg/l), benzene was at 5.36 micrograms per liter (µg/l), toluene at 3.66 µg/l, and xylenes at 5.93 µg/l. In well MW-3, TPH as gasoline was reported at a concentration of 0.14 mg/l, MTBE at 1.50 µg/l, and tert-Butyl Alcohol (TBA) at 120 µg/l.

TPH as gasoline was reported in the samples collected from the vapor extraction wells VRW-2 through VRW-9 at concentrations ranging from 0.22 mg/l in VRW-6 to 1.9 mg/l in VRW-8. Benzene was reported in vapor extraction wells VRW-2, VRW-4, VRW-5, VRW-6, VRW-7, and VRW-8, at concentrations ranging from 2.00 µg/l in well VRW-6 to 251 µg/l in well VRW-4. Toluene was reported in wells VRW-2, VRW-4, and VRW-8, at concentrations of 2.03 µg/l, 11.9 µg/l, and 6.24 µg/l, respectively. Xylenes were reported in samples collected from wells VRW-2, VRW-4, VRW-5, VRW-6, VRW-8, and VRW-9 at concentrations ranging from 1.23 µg/l

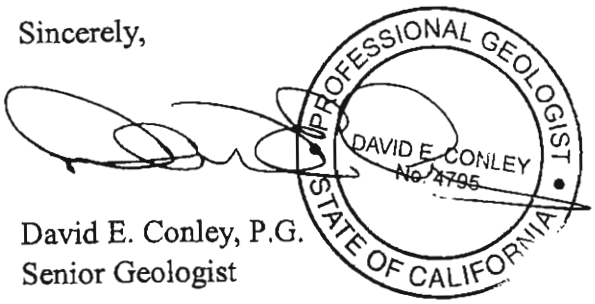
(VRW-6) to 28.5 µg/l (VRW-4). TBA was reported in wells VRW-6, VRW-7, VRW-8, and VRW-9, at concentrations ranging from 56.4 µg/l (VRW-8) to 82.1 µg/l (VRW-7).

Monitoring Schedule

Groundwater sampling is tentatively scheduled for January 2012. A report summarizing the results of the January 2012 monitoring event will be provided after BAI receives and reviews the analytical results.

If you should have any questions regarding this report, please contact Bill Coset at (707) 838-3027.

Sincerely,



David E. Conley, P.G.
Senior Geologist

William H. H. Coset
Project Geologist

cc: Ms. Normita Callison

LIST OF ATTACHMENTS

TABLES

Table 1.	Summary of Groundwater Analytical Data for Monitoring Wells
Table 2.	Summary of Groundwater Analytical Data for Vapor Extraction Wells

PLATES

Plate 1.	Vicinity Map
Plate 2.	Site Map
Plate 3.	Groundwater Elevations, June 3, 2011

APPENDICES

Appendix A.	Monitoring Well Sampling Protocol and Field Reports
Appendix B.	Analytical Laboratory Report

TABLES

TABLE 1. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR MONITORING WELLS

Pacific Supply Company, 1735 24th Street, Oakland, California

Well Name	Depth to Groundwater Date	Depth to Groundwater (feet)	Groundwater Elevation (feet, MSL)	TPH as gasoline (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Lead (mg/L)	MTBE (µg/L)
MW-1	10/14/1988	7.99	0.88	**1.1**	**1.1**	ND	–	ND	–	–
MW-1	12/29/1989	7.74	1.13	ND	ND	ND	ND	ND	ND (1)	–
MW-1	5/28/1992	7.81	1.06	ND	ND	ND	ND	ND	**0.003(2)**	–
MW-1	9/3/1992	7.90	0.97	ND	ND	ND	ND	ND	**0.12 (2)**	–
MW-1	11/24/1992	7.90	0.97	ND	ND	ND	ND	ND	**0.017 (2)**	–
MW-1	3/9/1993	7.38	1.49	ND	ND	ND	ND	ND	ND (1)	–
MW-1	7/21/1993	7.68	1.19	ND	ND	ND	ND	ND	ND (1)	–
MW-1	11/3/1993	7.83	1.04	ND	ND	ND	ND	ND	ND (1)	–
MW-1	2/1/1994	7.30	1.57	ND	ND	ND	ND	ND	ND (1)	–
MW-1	6/2/1994	7.43	1.44	ND	ND	ND	ND	ND	ND (1)	–
MW-1	9/1/1994	7.70	1.17	ND	ND	ND	ND	ND	ND (1)	–
MW-1	12/13/1994	6.90	1.97	ND	ND	ND	ND	ND	–	–
MW-1	3/7/1995	7.30	1.57	**0.06**	**3.8**	ND	ND	ND	–	–
MW-1	6/9/1995	7.87	1.00	**0.09**	**12**	**0.8**	**0.5**	**1.3**	–	–
MW-1	9/21/1995	7.67	1.20	ND	**4.1**	ND	ND	ND	–	–
MW-1	12/18/1995	7.15	1.72	ND	ND	ND	ND	ND	–	–
MW-1	2/29/1996	6.74	2.13	**0.09**	**1.4**	**0.5**	ND	**0.8**	–	–
MW-1	7/15/1996	7.76	1.11		–	–	–	–	–	–
MW-1	1/7/1997	6.80	2.07	**0.06**	**0.6**	<0.5	<0.5	<0.5	–	–
MW-1	7/12/1997	7.67	1.20	–	–	–	–	–	–	–
MW-1	1/26/1998	6.93	1.94	<0.05	<0.5	<0.5	<0.5	**1.1**	–	–
MW-1	7/3/1998	7.51	1.36	–	–	–	–	–	–	–
MW-1	1/13/1999	7.63	1.24	<0.05	<0.5	<0.5	<0.5	<0.5	–	–
MW-1	9/27/1999	7.77	1.10	–	–	–	–	–	–	–
MW-1	1/28/2000	6.85	2.02	<0.05	<0.5	<0.5	<0.5	<0.5	–	<5.0
MW-1	5/16/2002	7.45	1.42	**0.35**	<0.5	<0.5	<0.5	<0.5	–	<1.0
MW-1	6/10/2003	7.32	4.15	<0.05	<0.5	<0.5	<0.5	<0.5	–	–
MW-1	11/19/2003	7.30	4.17	<0.050	<0.30	<0.30	<0.50	<0.50	–	–
MW-1	6/23/2004	7.49	3.98	**0.37**	<1.0	<1.0	<1.0	<1.0	–	–

TABLE 1. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR MONITORING WELLS

Pacific Supply Company, 1735 24th Street, Oakland, California

Well Name	Depth to Groundwater Date	Depth to Groundwater (feet)	Groundwater Elevation (feet, MSL)	TPH as gasoline (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Lead (mg/L)	MTBE (µg/L)
MW-1	12/10/2004	6.27	5.20	<0.050	<0.5	<0.5	<0.5	<0.5	–	–
MW-1	7/21/2005	7.41	4.06	<0.05	<0.50	<0.50	<0.50	<0.50	–	–
MW-1	1/18/2006	6.28	5.19	<0.05	<0.50	<0.50	<0.50	<0.50	–	–
MW-1	1/26/2007	7.47	4.00	<0.050	<0.50	<0.50	<0.50	<0.50	–	<1.0
MW-1	6/28/2007	7.53	3.94	<0.050	<0.50	<0.50	<0.50	<0.50	–	<1.0
MW-1	1/31/2008	6.54	4.93	0.1	<0.50	<0.50	<0.50	<0.50	–	<1.0
MW-1	7/1/2008	7.56	3.91	**0.056**	<0.50	<0.50	<0.50	<0.50	–	<1.0
MW-1	1/28/2009	7.12	4.35	**0.10**	<0.50	<0.50	<0.50	<0.50	–	<1.0
MW-1	7/22/2009	7.57	3.90	<0.05	<0.50	<0.50	<0.50	<0.50	–	<1.0
MW-1	2/2/2010	6.58	4.89	<0.05	<0.50	<0.50	<0.50	<0.50	–	<1.0
MW-1	8/3/2010	7.55	3.92	<0.05	<0.50	<0.50	<0.50	<0.50	–	<1.0
MW-1	1/31/2011	7.05	4.42	<0.05	<0.50	<0.50	<0.50	<0.50	–	<1.0
MW-2	10/14/1988	7.29	0.85	**11**	**23**	**20**	–	**16**	–	–
MW-2	12/29/1989	6.87	1.27	**4**	**200**	**6.7**	ND	ND	**0.22 (1)**	–
MW-2	5/28/1992	6.92	1.22	**8.9**	**550**	**48**	ND	**13**	ND (2)	–
MW-2	9/3/1992	7.26	0.88	**2.1**	**760**	**6.2**	**1.8**	**5.1**	**0.006 (2)**	–
MW-2	11/24/1992	7.28	0.86	**4.2**	**370**	**15**	**3.4**	**9.5**	ND (2)	–
MW-2	3/9/1993	6.73	1.41	**4.3**	**280**	**14**	**3.7**	**7.1**	ND (1)	–
MW-2	7/21/1993	7.02	1.12	**3.4**	**250**	**9.6**	**2.5**	**11**	ND(1)	–
MW-2	11/4/1993	7.22	0.92	**2.5**	**230**	**7.8**	**2.1**	**9.9**	ND(1)	–
MW-2	2/1/1994	6.93	1.21	**3.4**	**240**	**17**	ND	**15**	ND(1)	–
MW-2	6/2/1994	6.86	1.28	**3.0**	**150**	**9.8**	**3.0**	**10**	ND(1)	–
MW-2	9/1/1994	7.10	1.04	**2.1**	**120**	**9.8**	**2.0**	**9.6**	ND(1)	–
MW-2	12/13/1994	6.58	1.56	**2.0**	**200**	**10**	**2.7**	**11**	–	–
MW-2	3/7/1995	6.69	1.45	**3.0**	**500**	**15**	**5.8**	**16**	–	–
MW-2	6/9/1995	7.00	1.14	**2.1**	**300**	**14**	**5.8**	**13**	–	–
MW-2	9/21/1995	6.91	1.23	**1.6**	**120**	**9.6**	ND	**15**	–	–
MW-2	12/18/1995	6.73	1.41	**2.8**	**120**	**16**	**5.2**	**19**	–	–
MW-2	2/29/1996	6.36	1.78	**1.7**	**170**	**15**	**2.9**	**17**	–	–
MW-2	7/15/1996	7.11	1.03	**2.8**	**160**	**22**	**3.5**	**17**	–	–

TABLE 1. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR MONITORING WELLS

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Well Name	Depth to Groundwater Date	Depth to Groundwater (feet)	Groundwater Elevation (feet, MSL)	TPH as gasoline (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Lead (mg/L)	MTBE (µg/L)
MW-2	1/7/1997	6.40	1.74	**3.0**	**350**	**25**	**8.1**	**24**	–	–
MW-2	7/12/1997	6.98	1.16	**2.1**	**55**	**11**	<2.5	**18**	–	–
MW-2	1/26/1998	6.45	1.69	**1.8**	**310**	**29**	**5.0**	**15**	–	–
MW-2	7/3/1998	6.91	1.23	**1.9**	**85**	**9.3**	**1.8**	**17**	–	–
MW-2	1/13/1999	7.07	1.07	**2.1**	**48**	**33**	**2.0**	**16**	–	–
MW-2	9/27/1999	7.22	0.92	**1.5**	**20**	**6.8**	**2.6**	**11**	–	–
MW-2	1/28/2000	6.61	1.53	**1.3**	**22**	**6.4**	**1.5**	**11**	–	<5.0
MW-2	5/17/2002	6.95	1.19	**3.3**	**25.4**	<5.0	<5.0	<5.0	–	<10
MW-2	6/10/2003	6.71	4.09	**1.6**	**52**	**2.3**	**32**	**9.1**	–	–
MW-2	11/19/2003	6.95	3.85	**3.7**	**9.7**	<1.1	<1.1	**7.5**	–	–
MW-2	6/23/2004	6.96	3.84	**1.1**	**6.30**	**2.36**	<1.0	**7.41**	–	–
MW-2	12/9/2004	6.54	4.26	**3.0**	**13.0**	**13.0**	<0.5	**24**	–	–
MW-2	7/22/2005	6.89	3.91	**2.7**	**5.84**	<2.5	<2.5	**5.81**	–	–
MW-2	1/19/2006	6.33	4.47	**3.6**	**15.0**	<2.5	<2.5	**11.2**	–	–
MW-2	1/26/2007	6.99	3.81	**0.29**	**2.65**	<2.5	<2.5	**3.00**	–	<5.0
MW-2	6/29/2007	7.00	3.80	**1.9**	**6.69**	**2.44**	<0.50	**6.24**	–	**1.72**
MW-2	1/31/2008	6.36	4.44	**0.7**	**1.83**	<1.0	<1.0	<1.0	–	<2.0
MW-2	7/1/2008	6.95	3.85	**1.4**	**2.72**	**2.26**	<1.0	**4.66**	–	**2.14**
MW-2	1/28/2009	6.76	4.04	**0.70**	**5.31**	**2.78**	<0.50	**5.92**	–	<1.0
MW-2	2/2/2010	6.42	4.38	**2.2**	**8.64**	<2.5	<2.5	**4.53**	–	<5.0
MW-2	8/2/2010	7.06	3.74	**1.0**	**1.29**	**1.40**	<1.0	**1.71**	–	<2.0
MW-2	1/31/2011	6.75	4.05	**2.0**	**4.86**	**2.48**	<0.50	**4.63**	–	**1.47**
MW-2	6/3/2011	6.70	4.10	**1.3**	**5.36**	**3.66**	<0.50	**5.93**	–	<1.0
MW-3	10/14/1988	8.25	0.88	**3.4**	ND	ND	–	**2.8**	–	–
MW-3	12/29/1989	7.79	1.34	ND	ND	ND	ND	ND	**0.205 (1)**	–
MW-3	5/28/1992	7.83	1.30	ND	**0.8**	**0.5**	ND	ND	**0.016 (2)**	–
MW-3	9/3/1992	8.22	0.91	ND	ND	ND	ND	ND	**0.033 (2)**	–
MW-3	11/24/1992	8.29	0.84	ND	ND	ND	ND	ND	**0.011 (2)**	–
MW-3	3/9/1993	7.30	1.83	**0.1**	**1.8**	ND	ND	ND	ND(1)	–
MW-3	7/21/1993	7.87	1.26	ND	ND	ND	ND	ND	ND(1)	–
MW-3	11/4/1993	8.23	0.90	**0.07**	**0.6**	**0.5**	ND	ND	ND(1)	–
MW-3	2/1/1994	7.56	1.57	ND	ND	ND	ND	ND	ND(1)	–
MW-3	6/2/1994	7.46	1.67	**0.06**	ND	ND	ND	ND	ND(1)	–

TABLE 1. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR MONITORING WELLS

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Well Name	Depth to Groundwater Date	Depth to Groundwater (feet)	Groundwater Elevation (feet, MSL)	TPH as gasoline (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Lead (mg/L)	MTBE (µg/L)
MW-3	9/1/1994	7.83	1.30	**0.07**	**1.7**	**0.9**	ND	ND	ND(1)	–
MW-3	12/13/1994	7.07	2.06	**0.06**	**1.4**	ND	ND	ND	–	–
MW-3	3/8/1995	7.27	1.86	**0.06**	**1.5**	ND	ND	ND	–	–
MW-3	6/9/1995	7.79	1.34	**0.10**	**5.7**	ND	ND	ND	–	–
MW-3	9/21/1995	7.87	1.26	ND	**1.5**	ND	ND	ND	–	–
MW-3	12/18/1995	7.30	1.83	ND	**1.3**	ND	ND	ND	–	–
MW-3	2/29/1996	6.84	2.29	ND	**2.1**	**0.6**	ND	**0.7**	–	–
MW-3	7/15/1996	7.79	1.34	–	–	–	–	–	–	–
MW-3	1/7/1997	6.62	2.51	**0.05**	**1.0**	<0.5	<0.5	<0.5	–	–
MW-3	7/12/1997	7.83	1.30	–	–	–	–	–	–	–
MW-3	1/26/1998	6.60	2.53	<0.05	**0.8**	<0.5	<0.5	<0.5	–	–
MW-3	7/3/1998	7.48	1.65	–	–	–	–	–	–	–
MW-3	1/13/1999	7.63	1.50	<0.05	<0.5	<0.5	<0.5	<0.5	–	–
MW-3	9/27/1999	7.94	1.19	–	–	–	–	–	–	–
MW-3	1/28/2000	7.12	2.01	<0.05	<0.5	<0.5	<0.5	<0.5	–	<5.0
MW-3	6/5/2003	7.53	4.23	<0.05	<0.5	<0.5	<0.5	<0.5	–	–
MW-3	11/19/2003	7.83	3.93	**0.16**	<0.54	<0.54	<0.55	<1.6	–	–
MW-3	6/23/2004	7.65	4.11	<0.05	<1.0	<1.0	<1.0	<1.0	–	–
MW-3	12/8/2004	7.53	4.23	<0.050	<0.5	<0.5	<0.5	<0.5	–	–
MW-3	7/20/2005	7.62	4.14	<0.10	<1.0	<1.0	<1.0	<1.0	–	–
MW-3	1/19/2006	6.76	5.00	<0.05	<0.50	<0.50	<0.50	**0.71**	–	–
MW-3	1/25/2007	7.54	4.22	**0.15**	<0.50	<0.50	<0.50	<0.50	–	<1.0
MW-3	6/29/2007	7.70	4.06	**0.075**	0	<0.50	<0.50	<0.50	–	**(A)**
MW-3	2/1/2008	6.87	4.89	**0.72**	<0.50	<0.50	<0.50	<0.50	–	**(A)**
MW-3	7/2/2008	7.79	3.97	**0.081**	<0.50	<0.50	<0.50	<0.50	–	**(B)**
MW-3	1/29/2009	7.53	4.23	**0.15**	<0.50	<0.50	<0.50	<0.50	–	<1.0
MW-3	7/23/2009	7.80	3.96	**0.18**	<0.50	<0.50	<0.50	<0.50	–	**1.00 (C)**
MW-3	2/1/2010	6.96	4.80	**0.25**	<0.50	<0.50	<0.50	<0.50	–	**1.30 (D)**
MW-3	8/2/2010	7.76	4.00	**0.14**	<0.50	<0.50	<0.50	<0.50	–	**1.37(E)**
MW-3	2/1/2011	7.37	4.39	**0.17**	<0.50	<0.50	<0.50	<0.50	–	**(F)**
MW-3	6/3/2011	7.16	4.60	**0.14**	<0.50	<0.50	<0.50	<0.50	–	**1.50 (G)**

TABLE 1. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR MONITORING WELLS

Pacific Supply Company, 1735 24th Street, Oakland, California

Well Name	Depth to Groundwater Date	Depth to Groundwater (feet)	Groundwater Elevation (feet, MSL)	TPH as gasoline (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Lead (mg/L)	MTBE (µg/L)
MW-4	10/14/1988	8.33	0.74	**4.6**	**1.2**	ND	–	2.2	–	–
MW-4	12/29/1989	8.08	0.99	**0.5**	**0.7**	ND	ND	ND	ND (1)	–
MW-4	5/28/1992	8.19	0.88	**0.27**	**8.8**	**1**	ND	**3.2**	**0.030 (2)**	–
MW-4	9/3/1992	8.37	0.70	**0.20**	**4.5**	**4.4**	ND	**1.9**	**0.022 (2)**	–
MW-4	11/24/1992	8.28	0.79	**0.14**	**3.2**	**3.2**	ND	**1.0**	**0.005 (2)**	–
MW-4	3/9/1993	7.98	1.09	**0.47**	**10**	ND	ND	**2.5**	ND (1)	–
MW-4	7/21/1993	8.17	0.90	**0.28**	**4.4**	**5.9**	ND	ND	ND(1)	–
MW-4	11/4/1993	8.14	0.93	**0.08**	**1.3**	**1.6**	ND	ND	ND(1)	–
MW-4	2/1/1994	7.79	1.28	**0.08**	ND	ND	ND	ND	ND(1)	–
MW-4	6/2/1994	7.53	1.54	**0.30**	**3.1**	**2.9**	ND	**0.8**	ND(1)	–
MW-4	9/1/1994	7.69	1.38	**0.12**	**1.6**	ND	ND	ND	ND(1)	–
MW-4	12/13/1994	6.70	2.37	ND	ND	ND	ND	ND	–	–
MW-4	3/8/1995	6.83	2.24	**0.09**	ND	ND	ND	ND	–	–
MW-4	6/9/1995	7.66	1.41	**0.19**	ND	ND	ND	ND	–	–
MW-4	9/21/1995	7.93	1.14	**0.09**	ND	ND	ND	ND	–	–
MW-4	12/18/1995	6.98	2.09	–	–	–	–	–	–	–
MW-4	2/29/1996	6.54	2.53	**0.14**	**1.6**	**1.0**	ND	**0.6**	–	–
MW-4	7/15/1996	7.74	1.33	–	–	–	–	–	–	–
MW-4	1/7/1997	6.46	2.61	**0.09**	**1.0**	**0.5**	<0.5	<0.5	–	–
MW-4	7/12/1997	7.82	1.25	–	–	–	–	–	–	–
MW-4	1/26/1998	6.67	2.40	**0.09**	**1.1**	**0.8**	<0.5	<0.5	–	–
MW-4	7/3/1998	7.45	1.62	–	–	–	–	–	–	–
MW-4	1/13/1999	7.51	1.56	**0.12**	**1.1**	**0.62**	<0.5	**0.57**	–	–
MW-4	9/27/1999	7.88	1.19	–	–	–	–	–	–	–
MW-4*	1/28/2000	7.02	2.05	**0.072**	<0.5	<0.5	<0.5	<0.5	–	<5.0
MW-5	10/14/1988	8.04	0.89	**3.2**	ND	ND	–	ND	–	–
MW-5	12/29/1989	7.40	1.53	ND	ND	ND	ND	ND	ND (1)	–
MW-5	5/28/1992	7.53	1.40	ND	ND	ND	ND	ND	**0.008 (2)**	–
MW-5	9/3/1992	8.02	0.91	ND	ND	ND	ND	ND	**0.034 (2)**	–

TABLE 1. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR MONITORING WELLS

Pacific Supply Company, 1735 24th Street, Oakland, California

Well Name	Depth to Groundwater Date	Depth to Groundwater (feet)	Groundwater Elevation (feet, MSL)	TPH as gasoline (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Lead (mg/L)	MTBE (µg/L)
MW-5	11/24/1992	7.75	1.18	ND	ND	ND	ND	ND	**0.011 (2)**	–
MW-5	3/9/1993	6.91	2.02	ND	ND	ND	ND	ND	ND (1)	–
MW-5	7/21/1993	7.57	1.36	ND	ND	ND	ND	ND	ND(1)	–
MW-5	11/4/1993	7.77	1.16	ND	ND	ND	ND	ND	ND(1)	–
MW-5	2/1/1994	7.05	1.88	ND	ND	ND	ND	ND	ND(1)	–
MW-5	6/2/1994	7.18	1.75	ND	ND	ND	ND	ND	ND(1)	–
MW-5	9/1/1994	7.53	1.40	ND	ND	ND	ND	ND	–	–
MW-5	3/8/1995	6.67	2.26	ND	ND	ND	ND	ND	–	–
MW-5	6/9/1995	7.33	1.60	ND	ND	ND	ND	ND	–	–
MW-5	9/21/1995	7.67	1.26	ND	ND	ND	ND	ND	–	–
MW-5	12/18/1995	6.62	2.31	–	–	–	–	–	–	–
MW-5	2/29/1996	6.16	2.77	ND	ND	ND	ND	ND	–	–
MW-5	7/15/1996	7.47	1.46	–	–	–	–	–	–	–
MW-5	1/7/1997	6.11	2.82	<0.05	<0.5	<0.5	<0.5	<0.5	–	–
MW-5	7/12/1997	7.61	1.32	–	–	–	–	–	–	–
MW-5	1/26/1998	6.17	2.76	<0.05	<0.5	<0.5	<0.5	<0.5	–	–
MW-5	7/3/1998	7.23	1.70	–	–	–	–	–	–	–
MW-5	1/13/1999	7.27	1.66	<0.05	<0.5	<0.5	<0.5	<0.5	–	–
MW-5	9/27/1999	7.76	1.17	–	–	–	–	–	–	–
MW-5*	1/28/2000	7.17	1.76	<0.05	<0.5	<0.5	<0.5	<0.5	–	<5.0
MW-6	12/29/1989	5.02	1.11	**1.1**	**5.4**	**4.5**	ND	ND	ND (1)	–
MW-6	3/9/1993	5.10	1.03	**2.3**	**2.3**	**2.8**	ND	**3.1**	ND (1)	–
MW-6	7/21/1993	5.23	0.90	**0.59**	ND	**7.6**	ND	ND	ND(1)	–
MW-6	11/4/1993	5.25	0.88	**1.5**	ND	**1.2**	ND	**0.7**	ND(1)	–
MW-6	2/1/1994	5.05	1.08	**1.9**	**2.5**	**3.9**	**1.6**	**1.1**	ND(1)	–
MW-6	6/2/1994	4.49	1.64	**1.3**	ND	**1**	ND	ND	ND(1)	–
MW-6	9/1/1994	4.53	1.60	**2.2**	ND	**1.7**	ND	ND	ND(1)	–
MW-6	12/13/1994	4.27	1.86	**0.66 (3)**	ND	ND	ND	ND	–	–
MW-6	3/8/1995	3.37	2.76	**1.0 (3)**	ND	ND	ND	ND	–	–
MW-6	6/9/1995	4.40	1.73	**1.5**	ND	**3.3**	ND	ND	–	–
MW-6	9/21/1995	4.69	1.44	**0.28**	ND	ND	ND	ND	–	–
MW-6*	12/18/1995	4.42	1.71	–	–	–	–	–	–	–

TABLE 1. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR MONITORING WELLS

Pacific Supply Company, 1735 24th Street, Oakland, California

Well Name	Depth to Groundwater Date	Depth to Groundwater (feet)	Groundwater Elevation (feet, MSL)	TPH as gasoline (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Lead (mg/L)	MTBE (µg/L)
MW-7	12/29/1989	8.35	-3.32	ND	ND	ND	ND	ND	**0.235 (1)**	–
MW-7	3/9/1993	13.60	-8.57	ND	ND	ND	ND	ND	ND (1)	–
MW-7	7/21/1993	12.59	-7.56	ND	ND	ND	ND	ND	ND(1)	–
MW-7	11/4/1993	9.84	-4.81	ND	ND	ND	ND	ND	ND(1)	–
MW-7	2/1/1994	10.38	-5.35	ND	ND	ND	ND	ND	ND(1)	–
MW-7	6/2/1994	10.10	-5.07	ND	ND	ND	ND	ND	ND(1)	–
MW-7	9/1/1994	9.63	-4.60	ND	ND	ND	ND	ND	ND(1)	–
MW-7	12/13/1994	11.27	-6.24	ND	ND	ND	ND	ND	–	–
MW-7	3/7/1995	9.68	-4.65	ND	ND	ND	ND	ND	–	–
MW-7	6/9/1995	9.37	-4.34	ND	ND	ND	ND	ND	–	–
MW-7	9/21/1995	9.43	-4.40	ND	ND	ND	ND	ND	–	–
MW-7	12/18/1995	13.28	-8.25	–	–	–	–	–	–	–
MW-7	2/29/1996	11.70	-6.67	ND	ND	ND	ND	ND	–	–
MW-7	7/15/1996	11.12	-6.09	–	–	–	–	–	–	–
MW-7	.	14.35	-9.32	<0.05	<0.5	<0.5	<0.5	<0.5	–	–
MW-7	7/12/1997	15.12	-10.09	–	–	–	–	–	–	–
MW-7	1/26/1998	15.28	-10.25	<0.05	<0.5	<0.5	<0.5	<0.5	–	–
MW-7	7/3/1998	14.10	-9.07	–	–	–	–	–	–	–
MW-7	1/13/1999	14.55	-9.52	<0.05	<0.5	<0.5	<0.5	<0.5	–	–
MW-7	9/27/1999	14.03	-9.00	–	–	–	–	–	–	–
MW-7*	1/28/2000	7.47	-2.44	<0.05	<0.5	<0.5	<0.5	<0.5	–	<5.0

TABLE 1. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR MONITORING WELLS

Pacific Supply Company, 1735 24th Street, Oakland, California

Notes:

MTBE = methyl tertiary butyl ether. TPH = total petroleum hydrocarbons.

(1)=Organic Lead, (2)=Total Lead, and (3)=chromatographic peak array does not match gasoline standard.

ND = not detected at laboratory reporting limit. <= less than given laboratory reporting limit.

µg/L = micrograms per liter. mg/L = milligrams per liter. – = not requested.

MSL = mean seal level.

Groundwater elevations prior to 2003 based on the following well casing elevations in feet above MSL:

MW-1 (8.87'), MW-2 (8.14'), MW-3 (9.13'), MW-4 (9.07'), MW-5 (8.93'), MW-6 (6.13') and MW-7 (5.03').

New survey data was obtained on June 23, 2003 by Phelps and Associates Land Surveyors.

June 2003 water levels were measured on June 5, 2003.

June 2004 water levels were measured on June 22, 2004.

December 2004 water levels were measured on December 8, 2004.

* = Removed from sampling program.

(A) = concentrations of tert-Butyl alcohol (TBA) reported at 120 µg/l.

(B) = concentrations of tert-Butyl alcohol (TBA) reported at 151 µg/l.

(C) = concentrations of tert-Butyl alcohol (TBA) reported at 122 µg/l.

(D) = concentrations of tert-Butyl alcohol (TBA) reported at 135 µg/l.

(E) = concentrations of tert-Butyl alcohol (TBA) reported at 127 µg/l.

(F) = concentrations of tert-Butyl alcohol (TBA) reported at 91.8 µg/l.

(G) = concentrations of tert-Butyl alcohol (TBA) reported at 120 µg/l.

TABLE 2. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR VAPOR EXTRACTION WELLS

Pacific Supply Company, 1735 24th Street, Oakland, California

Sample ID	Depth to Groundwater Date	Depth to Groundwater (feet)	Top of Casing Elevation (feet, MSL)	Groundwater Elevation (feet, MSL)	TPH as gasoline (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Other Oxygenates & Lead Scavengers (µg/L)
VRW-1	11/3/1993	–	–	–	3	1600	19	1.1	16	-	-
VRW-1	6/10/2003	7.31	11.18	3.87	0.44	5.9	<0.5	<0.5	1.9	-	-
VRW-1	11/19/2003	7.33	11.18	3.85	1.2	19	<0.54	<0.55	6.3	-	-
VRW-1	6/22/2004	7.32	11.18	3.86	0.32	3.23	<1.0	<1.0	3.36	-	-
VRW-1	12/9/2004	6.93	11.18	4.25	0.32	8.0	<3	<3	3.7	-	-
VRW-1	7/22/2005	7.25	11.18	3.93	0.69	5.35	1.27	<0.50	3.66	-	-
VRW-1	1/19/2006	6.63	11.18	4.55	0.53	6.98	1.41	<0.50	3.18	-	-
VRW-1	1/25/2007	7.34	11.18	3.84	0.32	260	0.97	<0.50	2.43	1.31	-
VRW-1	6/28/2007	7.30	11.18	3.88	0.17	2.19	0.76	<0.50	1.83	1.26	-
VRW-1	1/31/2008	6.67	11.18	4.51	0.77	20.5	3.75	<0.50	6.82	2.45	-
VRW-1	7/1/2008	7.35	11.18	3.83	0.75	11.8	3.73	<0.50	6.41	1.13	(B)
VRW-1	1/28/2009	7.14	11.18	4.04	<0.050	1.12	1.26	<0.50	1.56	<1.0	
VRW-1	7/22/2009	7.40	11.18	3.78	0.38	1.06	0.69	<0.50	1.11	1.33	(E)
VRW-1	2/2/2010	6.70	11.18	4.48	0.90	8.95	2.42	<1.0	4.76	<2.0	
VRW-1	8/2/2010	7.41	11.18	3.77	0.37	1.34	0.77	<0.50	0.96	<1.0	
VRW-1	1/31/2011	7.14	11.18	4.04	0.28	2.63	<0.50	<0.50	<0.50	1.03	(U)
VRW-2	11/4/1993	–	–	–	7.2	3,300	600	2.4	870	-	-
VRW-2	5/17/2002	–	–	–	2.8	471	<10	<10	<10	<20	<10 to <20
VRW-2	6/9/2003	6.87	11.08	4.21	0.47	38	2.8	<1.0	<1.0	-	-
VRW-2	11/19/2003	7.00	11.08	4.08	1.3	51	<0.54	<0.55	4.0	-	-
VRW-2	6/25/2004	7.00	11.08	4.08	0.24	274	4.10	4.11	8.22	-	-
VRW-2	12/9/2004	6.45	11.08	4.63	<0.050	9.6	4.2	2.5	4.3	-	-
VRW-2	7/21/2005	6.93	11.08	4.15	2.1	102	1.43	0.84	3.81	-	-
VRW-2	1/18/2006	5.83	11.08	5.25	3.8	280	<2.5	3.81	7.54	-	-
VRW-2	1/25/2007	6.94	11.08	4.14	1.0	62.3	<2.5	<2.5	3.56	<5.0	-
VRW-2	6/28/2007	7.02	11.08	4.06	0.45	41.0	<2.5	<2.5	3.83	<5.0	-
VRW-2	1/31/2008	6	11.08	5.08	1.4	80.1	2.31	1.25	3.57	1.87	-
VRW-2	7/1/2008	7.15	11.08	3.93	1.5	73.2	2.04	<1.0	4.52	2.15	-
VRW-2	1/28/2009	6.71	11.08	4.37	0.54	46.2	2.10	<0.50	3.76	<1.0	-
VRW-2	7/22/2009	7.10	11.08	3.98	1.1	12.7	1.06	<1.0	2.79	2.38	-
VRW-2	2/2/2010	6.06	11.08	5.02	1.9	62.8	<2.5	<2.5	<2.5	<5.0	-
VRW-2	8/3/2010	7.04	11.08	4.04	1.4	31.1	1.44	<1.0	2.42	<2.0	-
VRW-2	1/31/2011	6.70	11.08	4.38	1.6	21.1	1.78	<1.0	2.93	1.20	-
VRW-2	6/3/2011	6.54	11.08	4.54	0.98	15.5	2.03	<0.50	3.38	1.61	-

TABLE 2. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR VAPOR EXTRACTION WELLS

Pacific Supply Company, 1735 24th Street, Oakland, California

Sample ID	Depth to Groundwater Date	Depth to Groundwater (feet)	Top of Casing Elevation (feet, MSL)	Groundwater Elevation (feet, MSL)	TPH as gasoline (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Other Oxygenates & Lead Scavengers (µg/L)
VRW-3	11/4/1993	--	--	--	5.7	120	41	1.1	380	-	-
VRW-3	5/17/2002	--	--	--	0.42	10.9	<0.5	<0.5	1.07	<1.0	<0.50 to <1.0
VRW-3	6/9/2003	7.41	11.62	4.21	0.061	4.8	<0.5	<0.5	<0.5	-	-
VRW-3	11/19/2003	7.48	11.62	4.14	0.16	1.7	<0.54	<0.55	2.7	-	-
VRW-3	6/25/2004	7.58	11.62	4.04	0.12	2.00	<0.50	<0.50	1.00	-	-
VRW-3	12/10/2004	6.34	11.62	5.28	0.22	27	3.7	1.0	3.1	-	-
VRW-3	7/22/2005	7.50	11.62	4.12	0.11	<1.0	<1.0	<1.0	2.02	-	-
VRW-3	1/18/2006	6.37	11.62	5.25	0.18	230	<0.50	<0.50	1.46	-	-
VRW-3	1/26/2007	7.50	11.62	4.12	0.071	1.68	<0.50	<0.50	<0.50	<1.0	-
VRW-3	6/28/2007	7.60	11.62	4.02	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0	-
VRW-3	1/31/2008	6.50	11.62	5.12	<0.050	1.01	<0.50	<0.50	<0.50	<1.0	-
VRW-3	7/1/2008	7.66	11.62	3.96	0.10	<0.50	<0.50	<0.50	<0.50	<1.0	-
VRW-3	1/28/2009	7.19	11.62	4.43	<0.050	<0.50	<0.50	<0.50	2.26	<1.0	-
VRW-3	7/22/2009	7.64	11.62	3.98	0.26	<0.50	<0.50	<0.50	1.16	<1.0	-
VRW-3	2/2/2010	6.45	11.62	5.17	0.28	<0.50	<0.50	<0.50	<0.50	<1.0	(L)
VRW-3	8/3/2010	7.63	11.62	3.99	0.29	<0.50	<0.50	<0.50	0.87	<1.0	(P)
VRW-3	1/31/2011	7.16	11.62	4.46	0.22	1.19	<0.50	<0.50	1.41	<1.0	(V)
VRW-3	6/3/2011	7.05	11.62	4.57	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0	
VRW-4	11/4/1993	--	--	--	9.0	4,400	900	5.4	990	-	-
VRW-4	5/15/2002	--	--	--	11	4,270	741	512	1,130	<50	<25 to <50
VRW-4	6/5/2003	7.01	11.33	4.32	2.2	1,200	100	12	89	-	-
VRW-4	11/19/2003	7.44	11.33	3.89	1.7	210	2.4	<2.2	36	-	-
VRW-4	6/22/2004	7.20	11.33	4.13	14	4,540	611	739	1,170	-	-
VRW-4	12/8/2004	6.99	11.33	4.34	2.7	780	68	90	160	-	-
VRW-4	7/20/2005	7.12	11.33	4.21	19	3,740	381	480	643	-	-
VRW-4	1/19/2006	6.29	11.33	5.04	7.8	1,670	196	270	324	-	-
VRW-4	1/26/2007	7.06	11.33	4.27	1.4	163	<25	<25	25.2	<50	-
VRW-4	6/28/2007	6.99	11.33	4.34	0.62	60.8	3.81	3.72	18.7	<5.0	-
VRW-4	1/31/2008	6.20	11.33	5.13	0.75	26.0	3.21	<2.5	15.6	<5.0	-
VRW-4	7/1/2008	7.32	11.33	4.01	0.77	16.8	2.86	<0.50	13.3	<1.0	-
VRW-4	1/29/2009	7.02	11.33	4.31	0.89	45.5	3.16	1.75	13.2	<1.0	-
VRW-4	7/22/2009	7.26	11.33	4.07	0.91	16.1	2.42	<1.0	12.4	<2.0	(F)
VRW-4	2/1/2010	6.40	11.33	4.93	2.5	481	26.2	45.2	61.1	<10	
VRW-4	8/3/2010	7.26	11.33	4.07	1.2	19.3	<5.0	<5.0	8.80	<10	<5.0 to <100
VRW-4	1/31/2011	6.96	11.33	4.37	1.0	125	8.25	9.51	19.3	<2.0	
VRW-4	6/3/2011	6.75	11.33	4.58	1.2	251	11.9	18.2	28.5	<2.0	

TABLE 2. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR VAPOR EXTRACTION WELLS

Pacific Supply Company, 1735 24th Street, Oakland, California

Sample ID	Depth to Groundwater Date	Depth to Groundwater (feet)	Top of Casing Elevation (feet, MSL)	Groundwater Elevation (feet, MSL)	TPH as gasoline (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Other Oxygenates & Lead Scavengers (µg/L)
VRW-5	11/4/1993	–	–	–	0.90	68	33	2.5	32	-	-
VRW-5	5/16/2002	–	–	–	0.87	44.3	<5.0	<5.0	<5.0	<10	<5.0 to <10
VRW-5	6/9/2003	7.33	11.56	4.23	0.93	90	<1.0	14	0.16	-	-
VRW-5	11/19/2003	7.53	11.56	4.03	2.9	250	<1.1	24	41	-	-
VRW-5	6/23/2004	7.47	11.56	4.09	0.72	40.5	<1.0	1.17	8.04	-	-
VRW-5	12/10/2004	7.11	11.56	4.45	0.72	60	10	<3	33	-	-
VRW-5	7/21/2005	7.38	11.56	4.18	1.6	102	3.83	4.62	12.4	-	-
VRW-5	1/19/2006	6.29	11.56	5.27	1.8	65.4	<2.5	31.4	33.4	-	-
VRW-5	1/25/2007	7.40	11.56	4.16	NA	NA	NA	NA	NA	NA	NA
VRW-5	6/29/2007	7.50	11.56	4.06	0.69	35.4	2.55	<2.5	5.62	<5.0	NA
VRW-5	2/1/2008	6.49	11.56	5.07	0.87	33.7	<2.5	15.2	10.5	<5.0	NA
VRW-5	1/28/2009	7.17	11.56	4.39	0.72	110	3.53	5.00	9.00	<1.0	NA
VRW-5	7/23/2009	7.54	11.56	4.02	1.6	11.8	<1.0	<1.0	3.93	<2.0	(G)
VRW-5	8/3/2010	7.50	11.56	4.06	1.5	12.7	1.50	<1.0	3.28	<2.0	<1.0 to <20
VRW-5	2/1/2011	7.20	11.56	4.36	2.0	109	2.83	77.5	6.86	<2.0	
VRW-5	6/3/2011	6.95	11.56	4.61	0.45	5.67	<1.0	2.61	2.43	<2.0	
VRW-6	11/4/1993	–	–	–	0.41	6.6	1.0	ND	31	-	-
VRW-6	5/15/2002	–	–	–	0.73	178	4.58	1.41	6.10	<1.0	<0.50 to <1.0
VRW-6	6/6/2003	7.21	11.43	4.22	<0.05	<0.5	<0.5	<0.5	<0.5	-	-
VRW-6	11/19/2003	7.39	11.43	4.04	0.21	13	<0.54	1.0	2.5	-	-
VRW-6	6/23/2004	7.36	11.43	4.07	0.42	43.4	3.60	1.69	13.0	-	-
VRW-6	12/9/2004	6.71	11.43	4.72	0.14	8.0	21	<0.5	3.6	-	-
VRW-6	7/21/2005	7.32	11.43	4.11		18.3	1.13	0.95	5.05	-	-
VRW-6	1/19/2006	5.85	11.43	5.58	0.13	3.96	<0.50	<0.50	1.25	-	-
VRW-6	1/25/2007	7.28	11.43	4.15	0.20	13.5	0.72	0.56	2.67	<1.0	-
VRW-6	6/28/2007	7.41	11.43	4.02	0.081	7.37	<0.50	<0.50	1.32	<1.0	(A)
VRW-6	2/1/2008	NM	11.43	NM	1.8	212	10.2	8.05	17.7	<2.0	(A)
VRW-6	7/2/2008	7.51	11.43	3.92	0.18	4.80	<0.50	<0.50	1.72	<1.0	(C)
VRW-6	7/23/2009	NM	11.43	NM	0.21	<0.50	<0.50	<0.50	<0.50	<1.0	(H)
VRW-6	2/1/2010	6.65	11.43	4.78	0.32	7.97	<0.50	<0.50	1.26	<1.0	(M)
VRW-6	8/2/2010	7.45	11.43	3.98	0.28	1.15	<0.50	<0.50	1.03	<1.0	(Q)
VRW-6	2/1/2011	7.00	11.43	4.43	0.29	2.65	<0.50	<0.50	1.17	<1.0	(W)
VRW-6	6/3/2011	7.00	11.43	4.43	0.22	2.00	<0.50	<0.50	1.23	<1.0	(AA)

TABLE 2. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR VAPOR EXTRACTION WELLS

Pacific Supply Company, 1735 24th Street, Oakland, California

Sample ID	Depth to Groundwater Date	Depth to Groundwater (feet)	Top of Casing Elevation (feet, MSL)	Groundwater Elevation (feet, MSL)	TPH as gasoline (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Other Oxygenates & Lead Scavengers (µg/L)
VRW-7	11/4/1993	–	–	–	0.10	ND	ND	ND	ND	-	-
VRW-7	5/16/2002	–	–	–	1.6	28.9	0.980	<0.50	<0.50	<1.0	<0.50 to <1.0
VRW-7	6/6/2003	7.47	11.70	4.23	0.36	19	1.3	<0.5	2.2	-	-
VRW-7	11/19/2003	7.78	11.70	3.92	1.1	14	<0.54	1.7	5.6	-	-
VRW-7	6/22/2004	7.61	11.70	4.09	1.3	130	8.06	9.81	15.9	-	-
VRW-7	12/9/2004	7.54	11.70	4.16	0.34	28	<3	<3	5.0	-	-
VRW-7	7/21/2005	7.54	11.70	4.16	1.7	48.1	2.76	2.56	6.94	-	-
VRW-7	1/19/2006	6.70	11.70	5.00	1.6	86.8	3.63	6.89	9.04	-	-
VRW-7	1/25/2007	7.46	11.70	4.24	NA	NA	NA	NA	NA	NA	NA
VRW-7	6/28/2007	7.62	11.70	4.08	NA	NA	NA	NA	NA	NA	NA
VRW-7	2/1/2008	6.70	11.70	5.00	0.47	21.3	<5.0	<5.0	<5.0	<10	NA
VRW-7	7/2/2008	7.70	11.70	4.00	0.38	2.13	<0.50	<0.50	2.60	<1.0	(D)
VRW-7	1/29/2009	7.47	11.70	4.23	0.44	8.67	<0.50	<0.50	2.30	<1.0	
VRW-7	7/23/2009	7.69	11.70	4.01	0.51	2.87	<0.50	<0.50	<0.50	<1.0	(I)
VRW-7	2/1/2010	6.82	11.70	4.88	0.62	31.6	1.67	2.52	3.18	<2.0	(N)
VRW-7	8/2/2010	7.71	11.70	3.99	0.36	3.82	<1.0	<1.0	1.21	<2.0	(R)
VRW-7	2/1/2011	7.36	11.70	4.34	0.27	3.93	<0.50	<0.50	0.68	<1.0	(X)
VRW-7	6/3/2011	7.11	11.70	4.59	0.23	3.60	<0.50	<0.50	<0.50	<1.0	(BB)
VRW-8	11/4/1993	–	–	–	5.9	460	54	ND	53	-	-
VRW-8	5/16/2002	–	–	–	3.3	248	16.0	<10	<10	<20	<10 to <20
VRW-8	6/6/2003	7.42	11.62	4.20	1.8	70	10	11	6.1	-	-
VRW-8	11/19/2003	7.85	11.62	3.77	3.6	36	<2.7	<2.7	4.3	-	-
VRW-8	6/23/2004	7.56	11.62	4.06	2.1	115	11.8	<5.0	18.2	-	-
VRW-8	12/9/2004	7.41	11.62	4.21	1.3	30	9.0	<3	7.6	-	-
VRW-8	7/21/2005	7.49	11.62	4.13	4.1	24.8	3.44	<2.5	7.34	-	-
VRW-8	1/19/2006	6.73	11.62	4.89	4.8	18.1	4.26	<2.5	8.30	-	-
VRW-8	1/25/2007	7.41	11.62	4.21	1.3	10.7	<2.5	<2.5	6.70	<5.0	-
VRW-8	6/29/2007	7.60	11.62	4.02	0.64	4.76	<2.5	<2.5	3.85	<5.0	-
VRW-8	2/1/2008	6.85	11.62	4.77	3.1	15.1	2.9	<2.5	9.77	<5.0	-
VRW-8	7/2/2008	7.73	11.62	3.89	2.0	11.6	<2.5	<2.5	<2.5	<5.0	-
VRW-8	1/29/2009	7.43	11.62	4.19	0.84	7.73	2.04	<0.50	7.52	<1.0	-
VRW-8	7/23/2009	7.71	11.62	3.91	2.4	22.2	<1.0	<1.0	8.18	<2.0	(J)
VRW-8	2/1/2010	6.90	11.62	4.72	1.8	4.03	2.02	<1.0	5.08	<2.0	(O)
VRW-8	8/2/2010	7.65	11.62	3.97	0.95	3.04	1.14	<1.0	2.76	<2.0	(S)
VRW-8	2/1/2011	7.16	11.62	4.46	2.4	13.8	4.62	<1.0	8.63	<2.0	(Y)
VRW-8	6/3/2011	7.30	11.62	4.32	1.9	13.9	6.24	<1.0	9.95	<2.0	(CC)

TABLE 2. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR VAPOR EXTRACTION WELLS

Pacific Supply Company, 1735 24th Street, Oakland, California

Sample ID	Depth to Groundwater Date	Depth to Groundwater (feet)	Top of Casing Elevation (feet, MSL)	Groundwater Elevation (feet, MSL)	TPH as gasoline (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Other Oxygenates & Lead Scavengers (µg/L)
VRW-9	11/4/1993	–	–	–	**0.47**	**36**	**18**	ND	**1.0**	-	-
VRW-9	5/16/2002	–	–	–	**0.080**	**0.990**	**2.00**	<0.50	**5.93**	<1.0	<0.50 to <1.0
VRW-9	6/6/2003	7.67	11.87	4.20	**0.58**	**10**	**4.4**	**4.9**	<0.50	-	-
VRW-9	11/19/2003	8.01	11.87	3.86	**0.86**	<1.1	<1.1	<1.1	**5.5**	-	-
VRW-9	6/22/2004	7.76	11.87	4.11	**0.61**	<1.0	**1.35**	<1.0	**5.55**	-	-
VRW-9	12/9/2004	7.51	11.87	4.36	**0.57**	**8.8**	**10**	<0.5	**5.5**	-	-
VRW-9	7/21/2005	7.71	11.87	4.16	**0.66**	<1.0	<1.0	<1.0	**2.83**	-	-
VRW-9	1/19/2006	6.94	11.87	4.93	**1.0**	**2.04**	<1.0	<1.0	**4.91**	-	-
VRW-9	1/26/2007	7.65	11.87	4.22	**0.52**	<1.0	**1.01**	<1.0	**3.53**	<2.0	-
VRW-9	6/29/2007	7.81	11.87	4.06	**0.38**	<0.50	<0.50	<0.50	**2.27**	<1.0	-
VRW-9	7/2/2008	7.93	11.87	3.94	**0.53**	<0.50	<0.50	<0.50	**1.85**	<1.0	-
VRW-9	1/29/2009	7.60	11.87	4.27	**0.24**	**1.53**	**1.03**	<0.50	**4.04**	<1.0	-
VRW-9	7/23/2009	7.91	11.87	3.96	**0.80**	<0.50	<0.50	<0.50	**1.60**	<1.0	(K)
VRW-9	2/1/2010	7.01	11.87	4.86	**0.95**	**1.71**	**1.13**	<1.0	**4.00**	<2.0	
VRW-9	8/3/2010	7.86	11.87	4.01	**0.68**	<1.0	<1.0	<1.0	**1.57**	<2.0	(T)
VRW-9	2/1/2011	nm	11.87		**0.58**	<0.50	<0.50	<0.50	**1.82**	<1.0	(Z)
VRW-9	6/3/2011	nm	11.87		**0.35**	<0.50	<0.50	<0.50	**1.76**	<1.0	(DD)

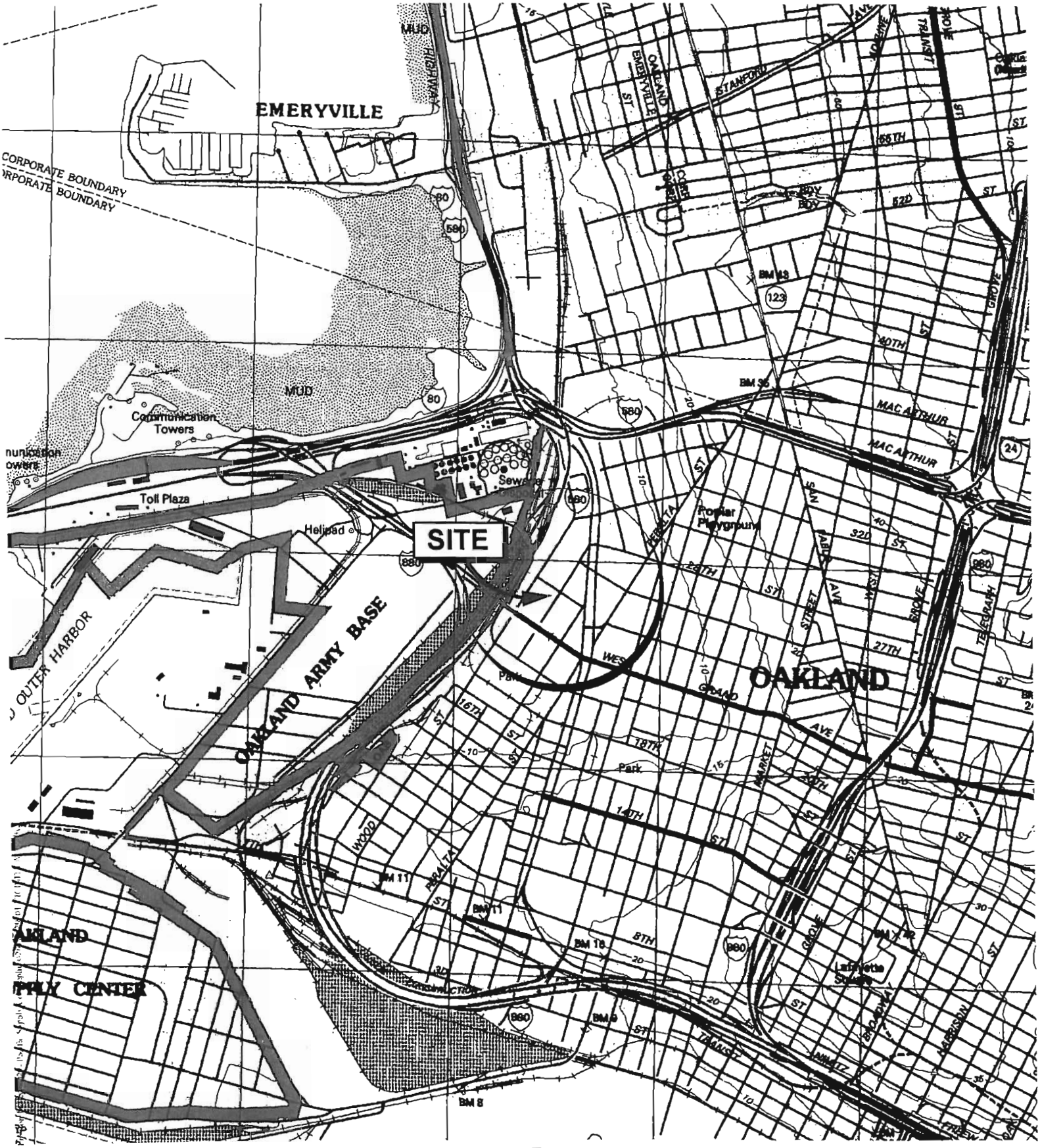
TABLE 2. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR VAPOR EXTRACTION WELLS

Pacific Supply Company, 1735 24th Street, Oakland, California

Notes:

mg/L = milligrams per liter; µg/L = micrograms per liter
na = not analyzed.
ND = not detected above laboratory reporting limits.
MSL = Mean Sea Level
< = less than the specified laboratory reporting limit
(A) = concentrations of tert-Butyl alcohol reported at 51.2 µg/l.
(B) = concentrations of tert-Butyl alcohol reported at 53.3 µg/l.
(C) = concentrations of tert-Butyl alcohol reported at 54.3 µg/l.
(D) = concentrations of tert-Butyl alcohol reported at 90.4 µg/l.
(E) = concentrations of tert-Butyl alcohol reported at 42.5 µg/l.
(F) = concentrations of tert-Butyl alcohol reported at 33.7 µg/l.
(G) = concentrations of tert-Butyl alcohol reported at 35.2 µg/l.
(H) = concentrations of tert-Butyl alcohol reported at 28.6 µg/l.
(I) = concentrations of tert-Butyl alcohol reported at 89.5 µg/l.
(J) = concentrations of tert-Butyl alcohol reported at 62.6 µg/l.
(K) = concentrations of tert-Butyl alcohol reported at 62.1 µg/l.
(L) = concentrations of tert-Butyl alcohol reported at 41.8 µg/l.
(M) = concentrations of tert-Butyl alcohol reported at 48.8 µg/l.
(N) = concentrations of tert-Butyl alcohol reported at 61.4 µg/l.
(O) = concentrations of tert-Butyl alcohol reported at 57.5 µg/l.
(P) = concentrations of tert-Butyl alcohol reported at 28.9 µg/l.
(Q) = concentrations of tert-Butyl alcohol reported at 57.4 µg/l.
(R) = concentrations of tert-Butyl alcohol reported at 58.7 µg/l.
(S) = concentrations of tert-Butyl alcohol reported at 52.5 µg/l.
(T) = concentrations of tert-Butyl alcohol reported at 50.6 µg/l.
(U) = concentrations of tert-Butyl alcohol reported at 40.4 µg/l.
(V) = concentrations of tert-Butyl alcohol reported at 30.5 µg/l.
(W) = concentrations of tert-Butyl alcohol reported at 62.7 µg/l.
(X) = concentrations of tert-Butyl alcohol reported at 81.3 µg/l.
(Y) = concentrations of tert-Butyl alcohol reported at 49.7 µg/l.
(Z) = concentrations of tert-Butyl alcohol reported at 54.9 µg/l.
(AA) = concentrations of tert-Butyl alcohol reported at 69.2 µg/l.
(BB) = concentrations of tert-Butyl alcohol reported at 82.1 µg/l.
(CC) = concentrations of tert-Butyl alcohol reported at 56.4 µg/l.
(DD) = concentrations of tert-Butyl alcohol reported at 67.7 µg/l.

PLATES



REFERENCE:
Oakland West Quadrangle California
7.5-Minute Series (Topographic), 1993

NORTH

APPROXIMATE SCALE (FEET)
0 1000 2000 4000

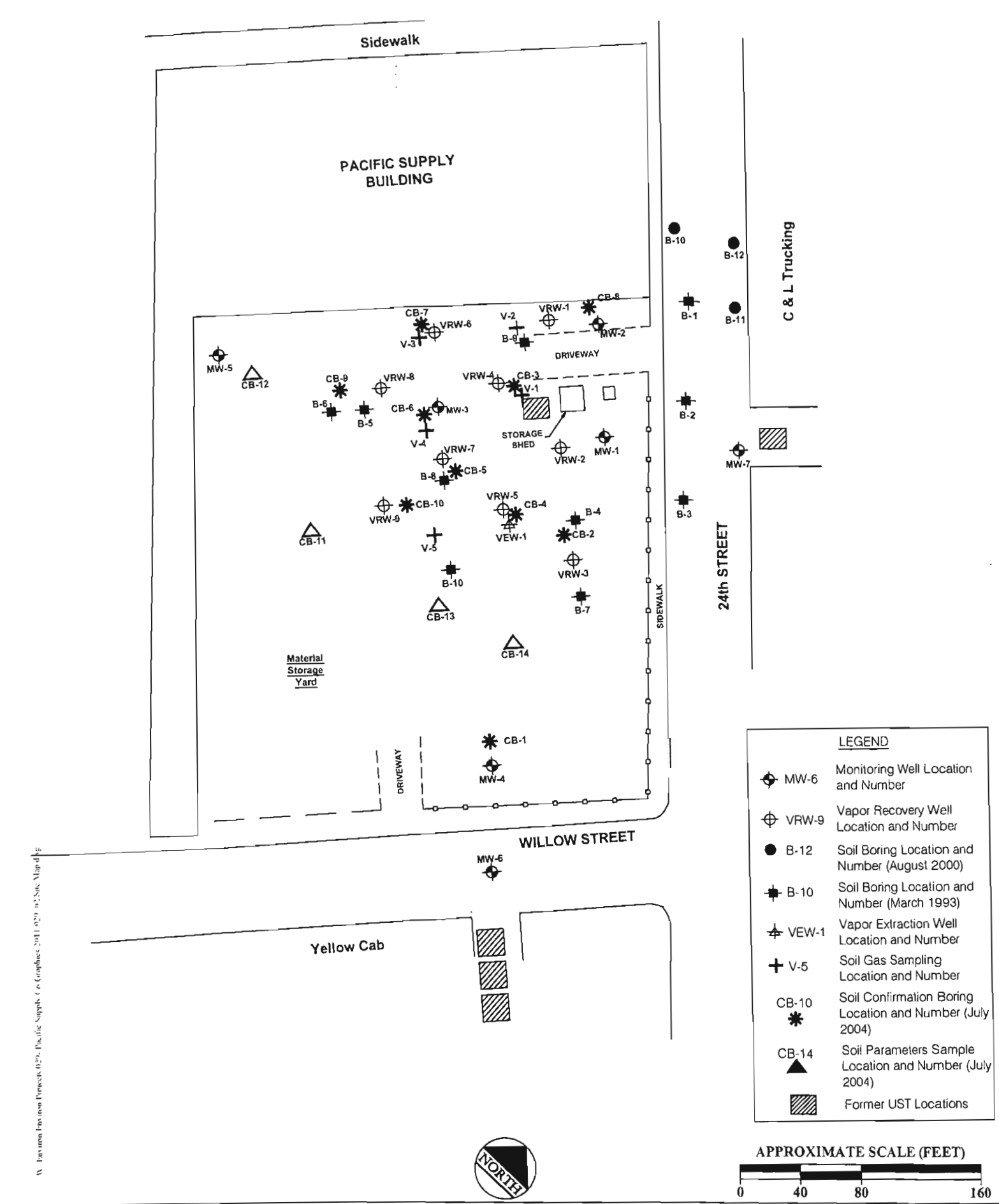
Brunsing Associates, Inc.
5468 Skylane Blvd., Suite 201
Santa Rosa, California 95403
Tel: (707) 838-3027

Job No.: 029
Appr.:
Date: 10/14/11

VICINITY MAP

PACIFIC SUPPLY COMPANY
1734 24th Street
Oakland, California

PLATE
1



Brunsing Associates, Inc.
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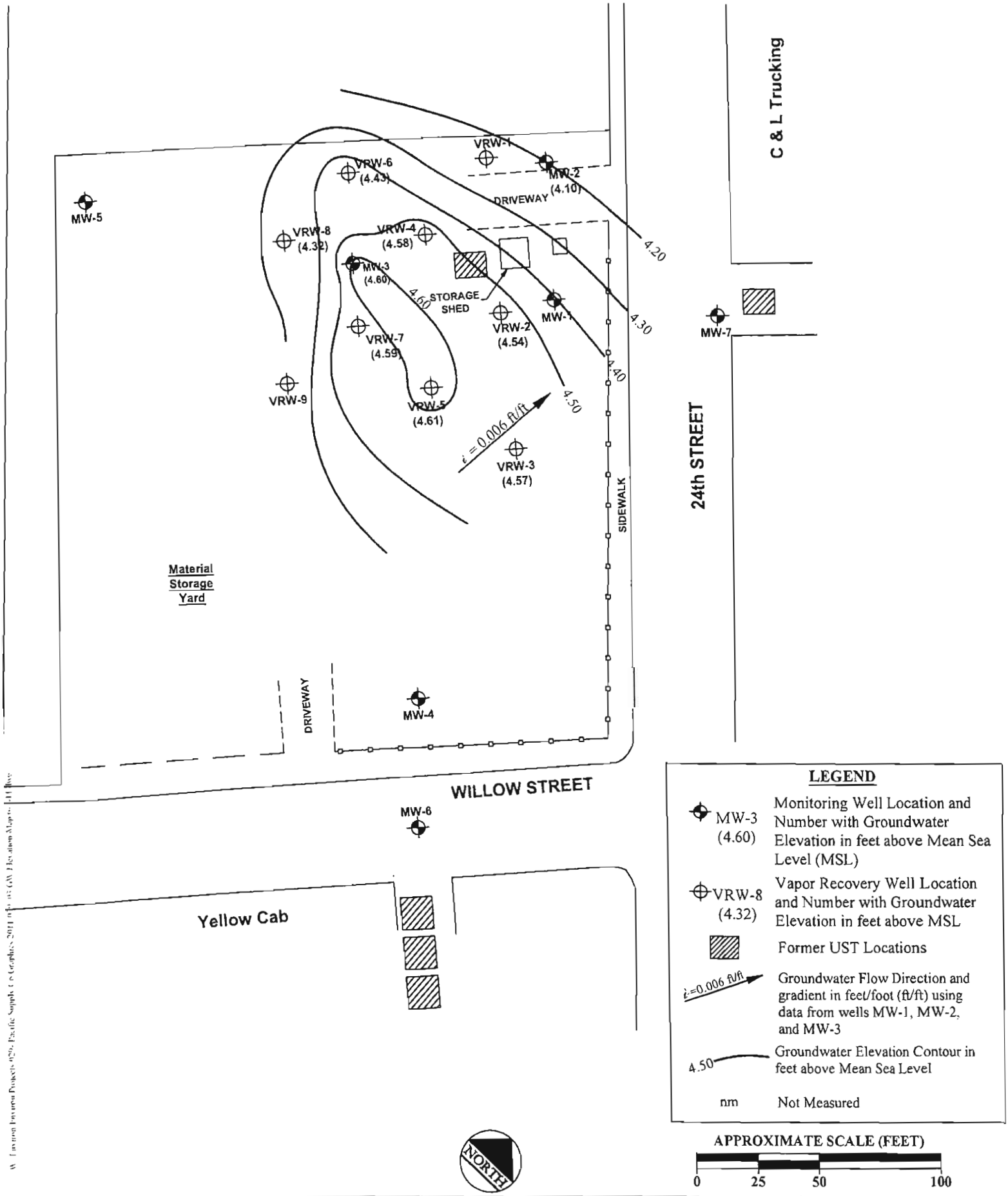
Santa Rosa, California 95403
Tel: (707) 838-3027

Job No.: 029
Appr.:
Date: 10/14/11

SITE PLAN
PACIFIC SUPPLY COMPANY
1734 24th Street
Oakland, California

PLATE 2



LEGEND

MW-3 (4.60)	Monitoring Well Location and Number with Groundwater Elevation in feet above Mean Sea Level (MSL)
VRW-8 (4.32)	Vapor Recovery Well Location and Number with Groundwater Elevation in feet above MSL
	Former UST Locations
i=0.006 ft/ft	Groundwater Flow Direction and gradient in feet/foot (ft/ft) using data from wells MW-1, MW-2, and MW-3
4.50	Groundwater Elevation Contour in feet above Mean Sea Level
nm	Not Measured

NORTH

APPROXIMATE SCALE (FEET)

0 25 50 100

Brunsing Associates, Inc.
5468 Skylane Blvd., Suite 201
Santa Rosa, California 95403
Tel: (707) 838-3027

Job No.: 029
Appr.:
Date: 10/14/11

GROUNDWATER ELEVATIONS
June 3, 2011
PACIFIC SUPPLY COMPANY
1734 24th Street
Oakland, California

PLATE
3

APPENDIX A
Monitoring Well Sampling Protocol and Field Reports

Groundwater Sampling Protocol

Monitoring Wells

Prior to purging a monitoring well, groundwater levels are measured with a Solinst electric depth measurement device, or an interface probe, in all wells that are to be measured. At sites where petroleum hydrocarbons are possible contaminants, the well is checked for floating product using a clear bailer, a steel tape with water/oil paste, or an interface probe, during the initial sampling round. If floating product is measured during the initial sampling round or noted during subsequent sampling rounds, floating product measurements are continued.

After the water level and floating product measurements are complete, the monitoring well is purged until a minimum of three casing volumes of water are removed, water is relatively clear of sediment, and pH, conductivity, and temperature measurements of the water become relatively stabile. If the well is purged dry, groundwater samples are collected after the water level in the well recovers to at least 80 percent of the original water column measured in the well prior to sampling, or following a maximum recovery period of two hours. The well is purged using a factory-sealed, disposable, polyethylene bailer, a four-inch diameter submersible Grundfos pump, a two-inch diameter ES-40 purge pump, or a peristaltic pump. The purge water is stored on-site in clean, 55-gallon drums.

A groundwater sample is collected from each monitoring well following re-equilibration of the well after purging. The groundwater sample is collected using a factory-sealed disposable, polyethylene bailer with a sampling port, or a factory-sealed Teflon bailer. A factory provided attachment designed for use with volatile organic compounds (VOCs) is attached to the polyethylene bailer sampling port when collecting samples to be analyzed for VOCs. The groundwater sample is transferred from the bailer into sample container(s) that are obtained directly from the analytical laboratory.

The sample container(s) is labeled with a self-adhesive tag. The following information is included on the tag:

- Project number
- Sample number
- Date and time sample is collected
- Initials of sample collector(s).

Individual log sheets are maintained throughout the sampling operations. The following information is recorded:

- Sample number
- Date and time well sampled and purged
- Sampling location
- Types of sampling equipment used
- Name of sampler(s)
- Volume of water purged.

Following collection of the groundwater sample, the sample is immediately stored on blue ice in an appropriate container. A chain-of-custody form is completed with the following information:

- Date the sample was collected
- Sample number and the number of containers
- Analyses required
- Remarks including preservatives added and any special conditions.

The original copy of the chain-of-custody form accompanies the sample containers to a California-certified laboratory. A copy is retained by BAI and placed in company files.

Sampling equipment including thermometers, pH electrodes, and conductivity probes are cleaned both before and after their use at the site. The following cleaning procedures are used:

- Scrub with a potable water and detergent solution or other solutions deemed appropriate using a hard bristle brush
- Rinse with potable water
- Double-rinse with organic-free or deionized water
- Package and seal equipment in plastic bags or other appropriate containers to prevent contact with solvents, dust, or other contaminants.

In addition, the pumps are cleaned by pumping a potable water and detergent solution and deionized water through the system. Cleaning solutions are contained on-site in clean 55-gallon drums.

Domestic and Irrigation Wells

Groundwater samples collected from domestic or irrigation wells are collected from the spigot that is the closest to the well. Prior to collecting the sample, the spigot is allowed to flow for at least 5 minutes to purge the well. The sample is then collected directly into laboratory-supplied containers, sealed, labeled, and stored on blue ice in an appropriate container, as described above. A chain-of-custody form is completed and submitted with the samples to the analytical laboratory.

Brunsing Associates, Inc

UST Fund Site: _____Yes _____No

FIELD REPORT

PAGE 1 OF 13

JOB NO: 29
INITIAL: ET
DATE: 6-3-11

PROJECT: Pacific Supply
SUBJECT: GW Monitoring
PROJECT PHASE NUMBER:
VEHICLE USED: 2006 Ranger

Total Time: 8.0
End. Mileage: _____
Beg. Mileage: _____
TOTAL MILEAGE:

TIME	DESCRIPTION OF WORK AND CONVERSATION RECORD:
1000	Arrive @ shop
	Load up equipment and supplies
1045	Leave to site
1205	Arrive @ site
	• Locate, identify and open monitoring wells
	• Perform water level measurements @ mw-1, mw-2, mw-3, VRW 2, VRW-3, VRW-4, VRW-5, VRW-6, VRW-7, and VRW-8. (2 rounds). VRW-1 and VRW-9 were inaccessible
	• Set up and perform groundwater sampling @ VRW-2, VRW-3, VRW-4, VRW-6 and mw-3.
	• Store purged groundwater in drums located in vicinity of old remediation system
	• Decon sampling equipment + supplies
	• Close wells securely, label drums, complete COC.
	Load up equipment + supplies
1810	leave site.
1830	Arrive @ shop
	Unload supplies, submit samples to lab Complete field notes
1900	Done

DRUM COUNT:
Water = 3
Soil =
Devlpmt Water =
Decon Water =

Brunsing Associates, Inc.

WATER LEVELS

SHEET 2 OF ___

PROJECT: Pacific Supply PROJECT NUMBER: 29

INSTRUMENT TYPE: WLP INITIALS: ED DATE: 6-3-11

WELL NUMBER	DEPTH TO PRODUCT	DISTANCE TO WATER	TIME (24 HOUR)	EQUILIBRATED (CHECK FOR YES)	NOTES
MW-1	-	7.01	1226		
MW-2	-	6.70	1228		
MW-3	-	7.16	1235		
VRW-1	-	-	-		
VRW-2	-	6.53	1227		
VRW-3	-	7.05	1225		
VRW-4	-	6.75	1230		
VRW-5	-	6.95	1237		
VRW-6	-	7.00	1231		
VRW-7	-	7.11	1234		
VRW-8	-	7.30	1232		
VRW-9	-	-	-		
MW-1	-	7.01	1241	✓	
MW-2	-	6.70	1242	✓	
MW-3	-	7.16	1250	✓	
VRW-1	-	-	-		
VRW-2	-	6.54	1240	✓	
VRW-3	-	7.05	1239	✓	
VRW-4	-	6.75	1244	✓	
VRW-5	-	6.95	1251	✓	
VRW-6	-	7.00	1245	✓	
VRW-7	-	7.11	1248	✓	
VRW-8	-	7.30	1247	✓	
VRW-9	-	-	-	-	

WELL SAMPLING

SHEET 3 OF

PROJECT: Pacific Supply PROJECT NUMBER: 29

WELL # MW-3 PRECIP. IN LAST 5 DAYS: ✓ WIND DATE: 6 3 11

STARTING TIME: 1620 FINISHING TIME: 1644 INITIALS: ED

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 16.00 - D.T.W. 7.16 = H20 COLUMN: 8.84 X 0.5 = 4.42

4" WELL DEPTH: / - D.T.W. / = H20 COLUMN: / X 2.0 = /

THEREFORE TOTAL PURGE GALLONS EQUALS 4.5

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1623	1.5	5.42	3.00 mS	19.7 °C	Cloudy, brown, silt, odor
1626	3.0	5.42	2.90	19.4	Cloudy brown, silt, odor
1629	4.5	5.36	2.74	19.8	Cloudy brown, silt, odor

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME: 1630 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1643	7.60

NOTES:

WELL SAMPLING

SHEET 4 OF

PROJECT Pacific Supply PROJECT NUMBER: 29

WELL # VRW-2 PRECIP. IN LAST 5 DAYS: WIND DATE: 6 3 11

STARTING TIME: 1355 FINISHING TIME: 445 INITIALS: ED

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: / - D.T.W. / = H20 COLUMN: / X 0.5 =

4" WELL DEPTH: 20.00 - D.T.W. 6.53 = H20 COLUMN: 13.47 X 2.0 = 26.94

THEREFORE TOTAL PURGE GALLONS EQUALS 27

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1409	9	6.43	926	19.9	Cloudy, brown, ~~silt~~ odor
1419	18	6.77	807	19.7	Cloudy light brown, odor
1429	27	6.83	1220	19.4	Cloudy light brown, odor

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME: 1430 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1445	6.80

NOTES:

WELL SAMPLING

SHEET 5 OF

PROJECT Pacific Supply — PROJECT NUMBER: 29

WELL # VRW-3 PRECIP. IN LAST 5 DAYS ✓ WIND — DATE: 6-3-11

STARTING TIME: 1305 FINISHING TIME: 1350 — INITIALS: ED

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: / - D.T.W. / = H20 COLUMN: / X 0.5 = /

4" WELL DEPTH: 20.00 - D.T.W. 7.05 = H20 COLUMN: 12.95 X 2.0 = 25.9

THEREFORE TOTAL PURGE GALLONS EQUALS 26 GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1316	8	6.97	391	17.7 °C	Cloudy, dark grey, silt, odor
1324	16	6.87	359	18.1	Cloudy, dark grey, silt, odor
1329	20	6.67	487	19.0	Cloudy dark grey, silt, odor

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME: 1330 DID WELL GO DRY? NO

WATER LEVELS:

TIME	D.T.W.
1349	8.90

NOTES:

WELL SAMPLING

SHEET 6 OF

PROJECT: Pacific Supply PROJECT NUMBER: 29

WELL # VRW-4 PRECIP. IN LAST 5 DAYS: WIND DATE: 6-3-11

STARTING TIME: 1455 FINISHING TIME: 1531 INITIALS: ED

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: / - D.T.W. / = H20 COLUMN: / X 0.5 = /

4" WELL DEPTH: 20.00 - D.T.W. 6.75 = H20 COLUMN: 13.25 X 2.0 = 26.5

THEREFORE TOTAL PURGE GALLONS EQUALS 26.5

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1501	8	7.11	1666 µS	19.7 °C	Cloudy, light brown, odor
1508	16	5.91	2.91 mS	19.6	Cloudy light brown, odor
1514	20	5.36	2.42 mS	19.6	Cloudy, light brown, odor

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME: 1515 DID WELL GO DRY? yes

WATER LEVELS:	
TIME	D.T.W.
1530	12.05

NOTES:

WELL SAMPLING

SHEET 7 OF

PROJECT Pacific Supply PROJECT NUMBER: 29

WELL # VRW-6 PRECIP. IN LAST 5 DAYS: ✓ WIND DATE: 6-3-11

STARTING TIME: 1540 FINISHING TIME: 1615 INITIALS: ED

CALCULATION OF PURGE VOLUME

2" WELL	DEPTH:	/	- D.T.W.	/	= H20 COLUMN:	/	X 0.5 =	/	GALLONS
4" WELL	DEPTH:	20.00	- D.T.W.	7.00	= H20 COLUMN:	13	X 2.0 =	26	

THEREFORE TOTAL PURGE GALLONS EQUALS 26

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP	OBSERVATIONS
1545	8	5.30	2.49 mS	19.9	Cloudy brown silt odor
1552	16	5.36	3.34	19.6	Cloudy brown, silt, odor
1559	20	5.36	3.27	19.7	Cloudy dark, grey/brown, silt, odor

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME: 1600 DID WELL GO DRY? yes

WATER LEVELS:	
TIME	D.T.W.
1614	16.3

NOTES:

Brunsing Associates, Inc

UST Fund Site: ____Yes ____No

FIELD REPORT

PAGE 1 OF ____

JOB NO: 29
INITIAL: ED
DATE: 4-6-11

PROJECT: Pacific Supply
SUBJECT: GW Monitoring
PROJECT PHASE NUMBER:
VEHICLE USED: 2006 Ranger

Total Time: 8.0
End. Mileage: ____
Beg. Mileage: ____
TOTAL MILEAGE: ____

TIME	DESCRIPTION OF WORK AND CONVERSATION RECORD:
1015	Drive @ Shop
	Load up equipment + supplies
1055	Leave to Site
1215	Arrive @ Site
	Set up and perform groundwater sampling @ VEW-5, VEW-7, VEW-8, VEW-9 and MW-2
	Store purged groundwater in drums
	Decon sampling equipment + supplies
	Close well covers and caps securely
	Load up supplies
	Complete COC, Complete field form
1700	Leave site
1845	Arrive @ Shop
	- Unload equipment + supplies
	- Submit samples to Lab
1910	Done

DRUM COUNT:
Water = 4
Soil =
Devlpmt Water =
Decon Water =

Brunsing Associates, Inc.

WELL SAMPLING

SHEET 9 OF

PROJECT Pacific Supply PROJECT NUMBER: 29

WELL # VRW-5 PRECIP. IN LAST 5 DAYS: ✓ WIND DATE: 6-6-11

STARTING TIME: 1515 FINISHING TIME: 1551 INITIALS: ED

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: / - D.T.W. / = H20 COLUMN: / X 0.5 = /

4" WELL DEPTH: 20.00 - D.T.W. 6.95 = H20 COLUMN: 13.05 X 2.0 = 26.1

THEREFORE TOTAL PURGE GALLONS EQUALS 26

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP	OBSERVATIONS
1522	8	5.04	1100 µS	17.8 C	Cloudy, dark brown, silt, odor
1531	16	5.01	1011 µS	17.5	Cloudy dark brown, silt, odor
1539	26	5.07	2.5 mS	18.7	Cloudy dark brown, silt, odor

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME: 1540 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1550	6.95

NOTES:

WELL SAMPLING

SHEET 10 OF

PROJECT Pacific Supply — PROJECT NUMBER: 29

WELL # VRW-7 PRECIP. IN LAST 5 DAYS: ✓ WIND — DATE: 6-6-11

STARTING TIME: 1245 FINISHING TIME: 1321 — INITIALS: ED

CALCULATION OF PURGE VOLUME

2" WELL	DEPTH: /	- D.T.W.	/	= H20 COLUMN:	/	X 0.5 =	/	GALLONS
4" WELL	DEPTH: 20.00	- D.T.W.	7.11	= H20 COLUMN:	12.89	X 2.0 =	25.78	

THEREFORE TOTAL PURGE GALLONS EQUALS 26

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1256	9	5.41	3.48 mS	20.2 °C	Cloudy brown, odor sheen, frothy
1258	16	5.33	3.88	19.7	Cloudy green/brown, odor sheen, silty
1304	20	5.35	4.07	19.9	Cloudy green/brown, odor sheen, silt, frothy

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME: 1305 DID WELL GO DRY? yes

WATER LEVELS: TIME	D.T.W.
1320	13.8

NOTES:

WELL SAMPLING

SHEET 1 OF

PROJECT: Pacific Supply PROJECT NUMBER: 29

WELL # VRW-8 PRECIP. IN LAST 5 DAYS: ✓ WIND DATE: 6-6-11

STARTING TIME: 1325 FINISHING TIME: 1406 INITIALS: ED

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: / - D.T.W. / = H20 COLUMN: / X 0.5 = /

4" WELL DEPTH: 20.00 - D.T.W. 7.30 = H20 COLUMN: 12.7 X 2.0 = 25.4

THEREFORE TOTAL PURGE GALLONS EQUALS 25.5 GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1333	8	5.55	2.45 mS	20.9 °C	Cloudy brown, odor, frothy
1341	16	5.29	1841 mS	20.6	Cloudy light brown, odor, frothy
1349	25.5	5.24	1641	20.2	Cloudy light brown, odor, frothy

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME: 1350 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1405	7.30

NOTES:

WELL SAMPLING

SHEET 1 2 OF

PROJECT Pacific Supply — PROJECT NUMBER: 29

WELL # VRW-9 PRECIP. IN LAST 5 DAYS: ✓ WIND — DATE: 6-6-11

STARTING TIME: 1408 FINISHING TIME: 1456 — INITIALS: ED

CALCULATION OF PURGE VOLUME

2" WELL	DEPTH:	/	- D.T.W.	/	= H20 COLUMN:	/	X 0.5 =	/	GALLONS
4" WELL	DEPTH:	20.00	- D.T.W.	7.5	= H20 COLUMN:	12.5	X 2.0 =	25	

THEREFORE TOTAL PURGE GALLONS EQUALS 25

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1421	8	5.29	1827 µS	20.7°C	Cloudy brown, odor
1430	16	5.26	2.21 mS	20.6	Cloudy, brown, odor, silt
1439	25	5.24	1764	20.5	Cloudy, brown, odor, silt

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME: 1440 DID WELL GO DRY? NO

WATER LEVELS: TIME	D.T.W.	NOTES:
1455	7.60	

WELL SAMPLING

SHEET 13 OF

PROJECT: Pacific Supply — PROJECT NUMBER: 29

WELL # MW-2 PRECIP. IN LAST 5 DAYS: ✓ WIND — DATE: 4-6-11

STARTING TIME: 1615 FINISHING TIME: 1641 — INITIALS: ED

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: / - D.T.W. [ ] = H20 COLUMN: / X 0.5 = /

4" WELL DEPTH: 20.00 - D.T.W. 6.54 = H20 COLUMN: 13.46 X 2.0 = 26.92

THEREFORE TOTAL PURGE GALLONS EQUALS 27 GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1622	9	5.04	1009 µS	18.5 °C	Cloudy light brown, silt, odor
1627	18	4.97	906	18.7	Cloudy light brown, silt, odor
1634	27	4.91	731	18.7	Cloudy light brown, silt, odor

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME: 1635 DID WELL GO DRY? NO

WATER LEVELS: TIME	D.T.W.
1640	6.6

NOTES:

APPENDIX B
Analytical Laboratory Report

Laboratory Report Project Overview

EDF 1.2b

Laboratory:	Bace Analytical, Windsor, CA
Lab Report Number:	5675
Project Name:	1735 24TH ST.
Work Order Number:	029
Control Sheet Number:	NA

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run Sub
5675	MW-2	5675-1	W	CS	8260FAB	SW5030B	06/06/2011	06/13/2011	06/13/2011	20110613	13
5675	MW-2	5675-1	W	CS	CATPH-G	SW5030B	06/06/2011	06/13/2011	06/13/2011	06132011	10
5675	MW-3	5675-2	W	CS	8260FAB	SW5030B	06/03/2011	06/13/2011	06/13/2011	20110613	14
5675	MW-3	5675-2	W	CS	CATPH-G	SW5030B	06/03/2011	06/13/2011	06/13/2011	06132011	11
5675	VRW-2	5675-3	W	CS	8260FAB	SW5030B	06/03/2011	06/13/2011	06/13/2011	20110613	15
5675	VRW-2	5675-3	W	CS	CATPH-G	SW5030B	06/03/2011	06/13/2011	06/13/2011	06132011	12
5675	VRW-3	5675-4	W	CS	8260FAB	SW5030B	06/03/2011	06/13/2011	06/13/2011	20110613	16
5675	VRW-3	5675-4	W	CS	CATPH-G	SW5030B	06/03/2011	06/13/2011	06/13/2011	06132011	13
5675	VRW-4	5675-5	W	CS	8260FAB	SW5030B	06/03/2011	06/13/2011	06/13/2011	20110613	17
5675	VRW-4	5675-5	W	CS	CATPH-G	SW5030B	06/03/2011	06/13/2011	06/13/2011	06132011	20
5675	VRW-5	5675-6	W	CS	8260FAB	SW5030B	06/06/2011	06/13/2011	06/13/2011	20110613	18
5675	VRW-5	5675-6	W	CS	CATPH-G	SW5030B	06/06/2011	06/13/2011	06/13/2011	06132011	15
5675	VRW-6	5675-7	W	CS	8260FAB	SW5030B	06/03/2011	06/13/2011	06/13/2011	20110613	19
5675	VRW-6	5675-7	W	CS	CATPH-G	SW5030B	06/03/2011	06/13/2011	06/13/2011	06132011	16
5675	VRW-7	5675-8	W	CS	8260FAB	SW5030B	06/06/2011	06/13/2011	06/13/2011	20110613	20
5675	VRW-7	5675-8	W	CS	CATPH-G	SW5030B	06/06/2011	06/13/2011	06/13/2011	06132011	17
5675	VRW-8	5675-9	W	CS	8260FAB	SW5030B	06/06/2011	06/13/2011	06/13/2011	20110613	21
5675	VRW-8	5675-9	W	CS	CATPH-G	SW5030B	06/06/2011	06/13/2011	06/13/2011	06132011	18
5675	VRW-9	5675-10	W	CS	8260FAB	SW5030B	06/06/2011	06/13/2011	06/13/2011	20110613	22
5675	VRW-9	5675-10	W	CS	CATPH-G	SW5030B	06/06/201	06/13/201	06/13/201	06132011	19

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run Sub
							1	1	1		
		5673-1	W	NC	8260FAB	SW5030B	/ /	06/13/201	06/13/201	20110613	6
								1	1		
		5673-5	W	NC	CATPH-G	SW5030B	/ /	06/13/201	06/13/201	06132011	3
								1	1		
		5675MB	W	LB1	8260FAB	SW5030B	/ /	06/13/201	06/13/201	20110613	3
								1	1		
		5675MB	W	LB1	CATPH-G	SW5030B	/ /	06/13/201	06/13/201	06132011	1
								1	1		
		5675MS	W	MS1	8260FAB	SW5030B	/ /	06/13/201	06/13/201	20110613	7
								1	1		
		5675MS	W	MS1	CATPH-G	SW5030B	/ /	06/13/201	06/13/201	06132011	4
								1	1		
		5675SD	W	SD1	8260FAB	SW5030B	/ /	06/13/201	06/13/201	20110613	8
								1	1		
		5675SD	W	SD1	CATPH-G	SW5030B	/ /	06/13/201	06/13/201	06132011	5
								1	1		

Bace Analytical, Windsor, CA

Lab Report No.: 5675 Date: 06/16/2011 Page: 1

Project Name:	1735 24TH ST.	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	029	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-2	Lab Samp ID:	5675-1
Descr/Location:	MW-2	Rec'd Date:	06/07/2011
Sample Date:	06/06/2011	Prep Date:	06/13/2011
Sample Time:	1635	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	20110613
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.38	1.0	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.0	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.0	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.0	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL		ND	UG/L	1
1,2-Dichloroethane	0.30	0.50	PQL		ND	UG/L	1
1,2-Dibromoethane	0.30	0.50	PQL		ND	UG/L	1
Benzene	0.27	0.50	PQL		5.36	UG/L	1
Toluene	0.25	0.50	PQL		3.66	UG/L	1
Ethylbenzene	0.25	0.50	PQL		ND	UG/L	1
Xylenes	0.25	0.50	PQL		5.93	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-118	SLSA		104%		1
Toluene-d8		88-110	SLSA		101%		1
Dibromofluoromethane		86-118	SLSA		94%		1

Approved by: William S Pott Date: 6/21/11

Project Name:	1735 24TH ST.	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	029	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-3	Lab Samp ID:	5675-2
Descr/Location:	MW-3	Rec'd Date:	06/07/2011
Sample Date:	06/03/2011	Prep Date:	06/13/2011
Sample Time:	1630	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	20110613
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.38	1.0	PQL		1.50	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.0	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.0	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.0	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL		120	UG/L	1
1,2-Dichloroethane	0.30	0.50	PQL		ND	UG/L	1
1,2-Dibromoethane	0.30	0.50	PQL		ND	UG/L	1
Benzene	0.27	0.50	PQL		ND	UG/L	1
Toluene	0.25	0.50	PQL		ND	UG/L	1
Ethylbenzene	0.25	0.50	PQL		ND	UG/L	1
Xylenes	0.25	0.50	PQL		ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-118	SLSA		98%		1
Toluene-d8		88-110	SLSA		94%		1
Dibromofluoromethane		86-118	SLSA		90%		1

Approved by: William A Patty Date: 6/21/11

Project Name:	1735 24TH ST.	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	029	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	VRW-2	Lab Samp ID:	5675-3
Descr/Location:	VRW-2	Rec'd Date:	06/07/2011
Sample Date:	06/03/2011	Prep Date:	06/13/2011
Sample Time:	1430	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	20110613
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.38	1.0	PQL		1.61	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.0	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.0	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.0	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL		ND	UG/L	1
1,2-Dichloroethane	0.30	0.50	PQL		ND	UG/L	1
1,2-Dibromoethane	0.30	0.50	PQL		ND	UG/L	1
Benzene	0.27	0.50	PQL		15.5	UG/L	1
Toluene	0.25	0.50	PQL		2.03	UG/L	1
Ethylbenzene	0.25	0.50	PQL		ND	UG/L	1
Xylenes	0.25	0.50	PQL		3.38	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-118	SLSA		103%		1
Toluene-d8		88-110	SLSA		99%		1
Dibromofluoromethane		86-118	SLSA		93%		1

Approved by: William H Patty Date: 6/21/11

Project Name:	1735 24TH ST.	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	029	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	VRW-3	Lab Samp ID:	5675-4
Descr/Location:	VRW-3	Rec'd Date:	06/07/2011
Sample Date:	06/03/2011	Prep Date:	06/13/2011
Sample Time:	1330	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	20110613
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.38	1.0	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.0	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.0	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.0	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL		ND	UG/L	1
1,2-Dichloroethane	0.30	0.50	PQL		ND	UG/L	1
1,2-Dibromoethane	0.30	0.50	PQL		ND	UG/L	1
Benzene	0.27	0.50	PQL		ND	UG/L	1
Toluene	0.25	0.50	PQL		ND	UG/L	1
Ethylbenzene	0.25	0.50	PQL		ND	UG/L	1
Xylenes	0.25	0.50	PQL		ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-118	SLSA		101%		1
Toluene-d8		88-110	SLSA		102%		1
Dibromofluoromethane		86-118	SLSA		92%		1

Approved by: William H Patty Date: 6/21/11

Project Name:	1735 24TH ST.	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	029	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	VRW-4	Lab Samp ID:	5675-5
Descr/Location:	VRW-4	Rec'd Date:	06/07/2011
Sample Date:	06/03/2011	Prep Date:	06/13/2011
Sample Time:	1515	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	20110613
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.76	2.0	PQL		ND	UG/L	2
Ethyl tert-butyl ether (ETBE)	0.60	2.0	PQL		ND	UG/L	2
tert-Amyl methyl ether (TAME)	0.52	2.0	PQL		ND	UG/L	2
Di-isopropyl ether (DIPE)	0.74	2.0	PQL		ND	UG/L	2
tert-Butyl alcohol (TBA)	4.8	20.	PQL		ND	UG/L	2
1,2-Dichloroethane	0.60	1.0	PQL		ND	UG/L	2
1,2-Dibromoethane	0.60	1.0	PQL		ND	UG/L	2
Benzene	0.54	1.0	PQL		251.	UG/L	2
Toluene	0.50	1.0	PQL		11.9	UG/L	2
Ethylbenzene	0.50	1.0	PQL		18.2	UG/L	2
Xylenes	0.50	1.0	PQL		28.5	UG/L	2
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-118	SLSA		101%		1
Toluene-d8		88-110	SLSA		91%		1
Dibromofluoromethane		86-118	SLSA		89%		1

Approved by: William A Pate Date: 6/21/11

Project Name:	1735 24TH ST.	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	029	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	VRW-5	Lab Samp ID:	5675-6
Descr/Location:	VRW-5	Rec'd Date:	06/07/2011
Sample Date:	06/06/2011	Prep Date:	06/13/2011
Sample Time:	1540	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	20110613
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.76	2.0	PQL		ND	UG/L	2
Ethyl tert-butyl ether (ETBE)	0.60	2.0	PQL		ND	UG/L	2
tert-Amyl methyl ether (TAME)	0.52	2.0	PQL		ND	UG/L	2
Di-isopropyl ether (DIPE)	0.74	2.0	PQL		ND	UG/L	2
tert-Butyl alcohol (TBA)	4.8	20.	PQL		ND	UG/L	2
1,2-Dichloroethane	0.60	1.0	PQL		ND	UG/L	2
1,2-Dibromoethane	0.60	1.0	PQL		ND	UG/L	2
Benzene	0.54	1.0	PQL		5.67	UG/L	2
Toluene	0.50	1.0	PQL		ND	UG/L	2
Ethylbenzene	0.50	1.0	PQL		2.61	UG/L	2
Xylenes	0.50	1.0	PQL		2.43	UG/L	2
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-118	SLSA		100%		1
Toluene-d8		88-110	SLSA		101%		1
Dibromofluoromethane		86-118	SLSA		91%		1

Approved by: William H Patty Date: 6/21/11

Project Name: 1735 24TH ST.
Project No: 029

Analysis: VOCs by GC/MS Fuel Additives Plus BTEX
Method: 8260FAB
Prep Meth: SW5030B

Field ID: VRW-6
Descr/Location: VRW-6
Sample Date: 06/03/2011
Sample Time: 1600
Matrix: Water
Basis: Not Filtered

Lab Samp ID: 5675-7
Rec'd Date: 06/07/2011
Prep Date: 06/13/2011
Analysis Date: 06/13/2011
QC Batch: 20110613
Notes:

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.38	1.0	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.0	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.0	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.0	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL		69.2	UG/L	1
1,2-Dichloroethane	0.30	0.50	PQL		ND	UG/L	1
1,2-Dibromoethane	0.30	0.50	PQL		ND	UG/L	1
Benzene	0.27	0.50	PQL		2.00	UG/L	1
Toluene	0.25	0.50	PQL		ND	UG/L	1
Ethylbenzene	0.25	0.50	PQL		ND	UG/L	1
Xylenes	0.25	0.50	PQL		1.23	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-118	SLSA		102%		1
Toluene-d8		88-110	SLSA		99%		1
Dibromofluoromethane		86-118	SLSA		91%		1

Approved by: William H Patty Date: 6/21/11

Project Name:	1735 24TH ST.	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	029	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	VRW-7	Lab Samp ID:	5675-8
Descr/Location:	VRW-7	Rec'd Date:	06/07/2011
Sample Date:	06/06/2011	Prep Date:	06/13/2011
Sample Time:	1305	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	20110613
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.38	1.0	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.0	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.0	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.0	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL		821	UG/L	1
1,2-Dichloroethane	0.30	0.50	PQL		ND	UG/L	1
1,2-Dibromoethane	0.30	0.50	PQL		ND	UG/L	1
Benzene	0.27	0.50	PQL		360	UG/L	1
Toluene	0.25	0.50	PQL		ND	UG/L	1
Ethylbenzene	0.25	0.50	PQL		ND	UG/L	1
Xylenes	0.25	0.50	PQL		ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-118	SLSA		104%		1
Toluene-d8		88-110	SLSA		94%		1
Dibromofluoromethane		86-118	SLSA		89%		1

Approved by: William H Patty Date: 6/21/11

Project Name:	1735 24TH ST.	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	029	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	VRW-8	Lab Samp ID:	5675-9
Descr/Location:	VRW-8	Rec'd Date:	06/07/2011
Sample Date:	06/06/2011	Prep Date:	06/13/2011
Sample Time:	1350	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	20110613
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc	Dil
Methyl-tert-butyl ether (MTBE)	0.76	2.0	PQL		ND	UG/L		2
Ethyl tert-butyl ether (ETBE)	0.60	2.0	PQL		ND	UG/L		2
tert-Amyl methyl ether (TAME)	0.52	2.0	PQL		ND	UG/L		2
Di-isopropyl ether (DIPE)	0.74	2.0	PQL		ND	UG/L		2
tert-Butyl alcohol (TBA)	4.8	20.	PQL		564	UG/L		2
1,2-Dichloroethane	0.60	1.0	PQL		ND	UG/L		2
1,2-Dibromoethane	0.60	1.0	PQL		ND	UG/L		2
Benzene	0.54	1.0	PQL		13.9	UG/L		2
Toluene	0.50	1.0	PQL		6.24	UG/L		2
Ethylbenzene	0.50	1.0	PQL		ND	UG/L		2
Xylenes	0.50	1.0	PQL		9.95	UG/L		2
SURROGATE AND INTERNAL STANDARD RECOVERIES:								
4-Bromofluorobenzene		86-118	SLSA		101%			1
Toluene-d8		88-110	SLSA		101%			1
Dibromofluoromethane		86-118	SLSA		90%			1

Approved by: Wallace H Patty Date: 6/21/11

Project Name: 1735 24TH ST.
Project No: 029

Analysis: VOCs by GC/MS Fuel Additives Plus BTEX
Method: 8260FAB
Prep Meth: SW5030B

Field ID: VRW-9
Descr/Location: VRW-9
Sample Date: 06/06/2011
Sample Time: 1440
Matrix: Water
Basis: Not Filtered

Lab Samp ID: 5675-10
Rec'd Date: 06/07/2011
Prep Date: 06/13/2011
Analysis Date: 06/13/2011
QC Batch: 20110613
Notes:

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.38	1.0	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.0	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.0	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.0	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL		67.7	UG/L	1
1,2-Dichloroethane	0.30	0.50	PQL		ND	UG/L	1
1,2-Dibromoethane	0.30	0.50	PQL		ND	UG/L	1
Benzene	0.27	0.50	PQL		ND	UG/L	1
Toluene	0.25	0.50	PQL		ND	UG/L	1
Ethylbenzene	0.25	0.50	PQL		ND	UG/L	1
Xylenes	0.25	0.50	PQL		1.76	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-118	SLSA		101%		1
Toluene-d8		88-110	SLSA		98%		1
Dibromofluoromethane		86-118	SLSA		90%		1

Approved by: William A Patty Date: 6/21/11

Project Name:	1735 24TH ST.	Analysis:	CA LUFT Method for Gasoline Range Organics
Project No:	029	Method:	CATPH-G
		Prep Meth:	SW5030B

Field ID:	MW-2	Lab Samp ID:	5675-1
Descr/Location:	MW-2	Rec'd Date:	06/07/2011
Sample Date:	06/06/2011	Prep Date:	06/13/2011
Sample Time:	1635	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	06132011
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		1.3	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		120%		1

Approved by: William H Patty Date: 6/21/11

Project Name:	1735 24TH ST.	Analysis:	CA LUFT Method for Gasoline Range Organics
Project No:	029	Method:	CATPH-G
		Prep Meth:	SW5030B
Field ID:	MW-3	Lab Samp ID:	5675-2
Descr/Location:	MW-3	Rec'd Date:	06/07/2011
Sample Date:	06/03/2011	Prep Date:	06/13/2011
Sample Time:	1630	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	06132011
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		0.14	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		96%		1

Approved by: William H Patty Date: 6/21/11

Project Name:	1735 24TH ST.	Analysis:	CA LUFT Method for Gasoline Range Organics
Project No:	029	Method:	CATPH-G
		Prep Meth:	SW5030B

Field ID:	VRW-2	Lab Samp ID:	5675-3
Descr/Location:	VRW-2	Rec'd Date:	06/07/2011
Sample Date:	06/03/2011	Prep Date:	06/13/2011
Sample Time:	1430	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	06132011
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		0.98	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		120%		1

Approved by: William H Patty Date: 6/21/11

Project Name:	1735 24TH ST.	Analysis:	CA LUFT Method for Gasoline Range Organics
Project No:	029	Method:	CATPH-G
		Prep Meth:	SW5030B

Field ID:	VRW-3	Lab Samp ID:	5675-4
Descr/Location:	VRW-3	Rec'd Date:	06/07/2011
Sample Date:	06/03/2011	Prep Date:	06/13/2011
Sample Time:	1330	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	06132011
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		73%		1

Approved by: Williams & Potter Date: 6/21/11

Project Name:	1735 24TH ST.	Analysis:	CA LUFT Method for Gasoline Range Organics
Project No:	029	Method:	CATPH-G
		Prep Meth:	SW5030B

Field ID:	VRW-4	Lab Samp ID:	5675-5
Descr/Location:	VRW-4	Rec'd Date:	06/07/2011
Sample Date:	06/03/2011	Prep Date:	06/13/2011
Sample Time:	1515	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	06132011
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.040	0.100	PQL		1.2	MG/L	2
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		115%		1

Approved by: William H Patty Date: 6/24/11

Project Name:	1735 24TH ST.	Analysis:	CA LUFT Method for Gasoline Range Organics
Project No:	029	Method:	CATPH-G
		Prep Meth:	SW5030B
Field ID:	VRW-5	Lab Samp ID:	5675-6
Descr/Location:	VRW-5	Rec'd Date:	06/07/2011
Sample Date:	06/06/2011	Prep Date:	06/13/2011
Sample Time:	1540	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	06132011
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.040	0.100	PQL		0.45	MG/L	2
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		107%		1

Approved by: William A Patty Date: 6/21/11

Project Name:	1735 24TH ST.	Analysis:	CA LUFT Method for Gasoline Range Organics
Project No:	029	Method:	CATPH-G
		Prep Meth:	SW5030B
Field ID:	VRW-6	Lab Samp ID:	5675-7
Descr/Location:	VRW-6	Rec'd Date:	06/07/2011
Sample Date:	06/03/2011	Prep Date:	06/13/2011
Sample Time:	1600	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	06132011
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		0.22	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		94%		1

Approved by: William H Patty Date: 6/21/11

Project Name:	1735 24TH ST.	Analysis:	CA LUFT Method for Gasoline Range Organics
Project No:	029	Method:	CATPH-G
		Prep Meth:	SW5030B
Field ID:	VRW-7	Lab Samp ID:	5675-8
Descr/Location:	VRW-7	Rec'd Date:	06/07/2011
Sample Date:	06/06/2011	Prep Date:	06/13/2011
Sample Time:	1305	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	06132011
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		0.23	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		78%		1

Approved by: William H Potts Date: 6/21/11

Project Name:	1735 24TH ST.	Analysis:	CA LUFT Method for Gasoline Range Organics
Project No:	029	Method:	CATPH-G
		Prep Meth:	SW5030B

Field ID:	VRW-8	Lab Samp ID:	5675-9
Descr/Location:	VRW-8	Rec'd Date:	06/07/2011
Sample Date:	06/06/2011	Prep Date:	06/13/2011
Sample Time:	1350	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	06132011
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.040	0.100	PQL		1.9	MG/L	2
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		122%		1

Approved by: William H Patty Date: 6/24/11

Project Name:	1735 24TH ST.	Analysis:	CA LUFT Method for Gasoline Range Organics
Project No:	029	Method:	CATPH-G
		Prep Meth:	SW5030B

Field ID:	VRW-9	Lab Samp ID:	5675-10
Descr/Location:	VRW-9	Rec'd Date:	06/07/2011
Sample Date:	06/06/2011	Prep Date:	06/13/2011
Sample Time:	1440	Analysis Date:	06/13/2011
Matrix:	Water	QC Batch:	06132011
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		0.35	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		76%		1

Approved by: William H Patty Date: 6/21/11

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 5675 Date: 06/16/2011

QC Batch:	06132011	Analysis:	CA LUFT Method for Gasoline Range
Matrix:	Water	Method:	CATPH-G
Lab Samp ID:	5675MB	Prep Meth:	SW5030B
Analysis Date:	06/13/2011	Prep Date:	06/13/2011
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.020	0.050	PQL		ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		80%		1

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 5675 Date: 06/16/2011

QC Batch: 06132011
Matrix: Water
Lab Samp ID: 5675MS
Basis: Not Filtered

Project Name: Lab Generated or Non COE Sample
Project No.: Lab Generated or Non COE Sample
Field ID: Lab Generated or Non COE Sample
Lab Ref ID: 5673-5

Analyte	Analysis Method	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Units	% Recoveries MS	% Recoveries DMS	% Recoveries RPD	Acceptance Criteria % Rec		Acceptance Criteria RPD
Gasoline Range Organics (C5-C12)	CATPH-G	0.620	0.620	ND	0.706	0.686	MG/L	114	111	2.7	140-60	MSA	25 MSP
4-Bromofluorobenzene	CATPH-G	100.	100.	77.	92.	96.	PERCENT	92.0	96.0	4.3	135-65	SLSA	25 SLSP

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 5675 Date: 06/16/2011

QC Batch:	20110613	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Matrix:	Water	Method:	8260FAB
Lab Samp ID:	5675MB	Prep Meth:	SW5030B
Analysis Date:	06/13/2011	Prep Date:	06/13/2011
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.38	1.0	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.0	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.0	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.0	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL		ND	UG/L	1
1,2-Dichloroethane	0.30	0.50	PQL		ND	UG/L	1
1,2-Dibromoethane	0.30	0.50	PQL		ND	UG/L	1
Benzene	0.27	0.50	PQL		ND	UG/L	1
Toluene	0.25	0.50	PQL		ND	UG/L	1
Ethylbenzene	0.25	0.50	PQL		ND	UG/L	1
Xylenes	0.25	0.50	PQL		ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-118	SLSA		101%		1
Toluene-d8		88-110	SLSA		99%		1
Dibromofluoromethane		86-118	SLSA		101%		1

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 5675 Date: 06/16/2011

QC Batch: 20110613
Matrix: Water
Lab Samp ID: 5675MS
Basis: Not Filtered

Project Name: Lab Generated or Non COE Sample
Project No.: Lab Generated or Non COE Sample
Field ID: Lab Generated or Non COE Sample
Lab Ref ID: 5673-1

Analyte	Analysis Method	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Units	% Recoveries MS	% Recoveries DMS	% Recoveries RPD	Acceptance Criteria % Rec		Acceptance Criteria RPD
1,2-Dibromoethane	8260FAB	10.0	10.0	ND	11.7	12.0	UG/L	117	120	2.5	130-70	MSA	20MSP
1,2-Dichloroethane	8260FAB	10.0	10.0	ND	9.76	9.84	UG/L	97.6	98.4	0.82	130-70	MSA	20MSP
Benzene	8260FAB	10.0	10.0	ND	9.47	9.86	UG/L	94.7	98.6	4.0	127-76	MSA	20MSP
Di-isopropyl ether (DIPE)	8260FAB	10.0	10.0	ND	9.67	10.1	UG/L	96.7	101	4.4	140-60	MSA	20MSP
Ethyl tert-butyl ether (ETBE)	8260FAB	10.0	10.0	ND	9.75	9.95	UG/L	97.5	99.5	2.0	140-60	MSA	20MSP
Ethylbenzene	8260FAB	10.0	10.0	ND	9.28	9.87	UG/L	92.8	98.7	6.2	130-70	MSA	20MSP
Methyl-tert-butyl ether (MTBE)	8260FAB	10.0	10.0	6.26	15.70	15.56	UG/L	94.4	93.0	1.5	140-60	MSA	20MSP
Toluene	8260FAB	10.0	10.0	ND	10.6	10.9	UG/L	106	109	2.8	125-76	MSA	20MSP
Xylenes	8260FAB	30.0	30.0	ND	29.4	29.6	UG/L	98.0	98.7	0.71	130-70	MSA	20MSP
tert-Amyl methyl ether (TAME)	8260FAB	10.0	10.0	ND	10.1	10.5	UG/L	101	105	3.9	140-60	MSA	20MSP
tert-Butyl alcohol (TBA)	8260FAB	50.0	50.0	ND	53.7	55.4	UG/L	107	111	3.7	140-60	MSA	25MSP
4-Bromofluorobenzene	8260FAB	100.	100.	102.	102.	102.	PERCENT	102	102	0.00	118-86	SLSA	20SLSP
Dibromofluoromethane	8260FAB	100.	100.	102.	95.	98.	PERCENT	95.0	98.0	3.1	118-86	SLSA	20SLSP
Toluene-d8	8260FAB	100.	100.	99.	100.	103.	PERCENT	100	103	3.0	110-88	SLSA	20SLSP

Chain of Custody

Project #	Project Address			Number of Containers	Analysis			C.O.C. No. 12839
29	Pacific Supply 1735 24th st, Oakland, CA				8260B (BTEX, oxys + 5 more)	TPH-Gas		
BG No.	Sampler's Signature: DeSchamps							Remarks:
Date Sampled	Sample I.D.	Time (24 Hour)	Sample Type					
6-6-11	MW-2 ✓	1635	H2O	4	X	X		5675-1
6-3-11	MW-3 ✓	1630			X	X		-2
6-3-11	VBW-2 ✓	1430			X	X		-3
6-3-11	VRW-3 ✓	1330			X	X		-4
6-3-11	VRW-4 ✓	1515			X	X		-5
6-6-11	VRW-5 ✓	1540			X	X		-6
6-3-11	VRW-6 ✓	1600			X	X		-7
6-6-11	VRW-7 ✓	1305			X	X		-8
6-6-11	VRW-8 ✓	1350			X	X		-9
6-6-11	VRW-9 ✓	1440			X	X		-10

Laboratory: Bafs

Preservation: A - HCL; B - HNO3; C - Ice (Specify) TAT: R - 2-WK; Urgent; Immediate (Specify)

Relinquished by: (signed)	Date/Time	Received by: (signed)	Results To: (Office Use Only)	Brunsing Associates, Inc.
DeSchamps	6-7-11 1130	6/7/11 1140		P.O. Box 588
Relinquished by: (signed)	Date/Time	Received by: (signed)	Global ID: (Office Use Only)	5468 Skylane Blvd., Suite 201
				Santa Rosa, CA 95403
Relinquished by: (signed)	Date/Time	Received for Laboratory by: (signed)		(707) 838-3027 Phone
				(707) 838-4420 Fax