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9:14 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: 2010 First Semi-Annual Groundwater Monitoring Report – February 2010 Pacific Supply Oakland 1735 24th Street Oakland, CA 94607

Dear Mr. Keith Nowles:

Attached is the Groundwater Monitoring Report - February 2010 dated May 11, 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 –February 2010

May 11, 2010

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-February 2010 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 February 1 and 2, 2010. The fieldwork was completed in accordance with the Alameda County Health Care Services Agency (ACHCSA) correspondence dated November 6, 2003.

The conclusions regarding this property are based on observations of existing conditions, and limited sampling and analytical work performed by BAI and its subcontractors during the time of the investigation, and may be subject to change. Tabulated analytical data and other data gathered during this and previous BAI investigations, and presented herein, are to the best of our knowledge complete and correct. This report has been presented in accordance with generally accepted environmental engineering principals and practices. No other warranty, either expressed or implied, is made.

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 February 1, 2010 BAI measured depths to water in groundwater monitoring wells MW-1 through MW-3 and vapor recovery wells VRW-1 through VRW-4 and VRW-6 through VRW-9. 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 February 1 and 2, 2010 BAI collected groundwater samples from groundwater monitoring wells MW-1 through MW-3 and vapor recovery wells VRW-1, VRW-2, VRW-3, VRW-4, 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 MW-1, MW-2, and MW-3, the groundwater gradient on February 1, 2010 was 0.010 feet per foot toward the north-northwest, with groundwater elevations ranging from 4.38 feet to 5.17 feet above MSL. The groundwater elevations are presented on Plate 3.

Groundwater Analytical Results

The analytical results of the sample from well MW-1 reported all analytes as below their respective reporting limits. TPH as gasoline was reported in the sample collected from well MW-2 at a concentration of 2.2 milligrams per liter (mg/l), benzene was at 8.64 micrograms per liter (μ g/l), and MTBE at 4.53 μ g/l. In well MW-3, TPH as gasoline was reported at a concentration of 0.25 mg/l, MTBE at 1.30 μ g/l, and tert-Butyl Alcohol (TBA) at 135 μ g/l.

TPH as gasoline was reported in the samples collected from the vapor extraction wells VRW-1, VRW-2, VRW-3, VRW-4, VRW-6, VRW-7, VRW-8, and VRW-9 at concentrations ranging from 0.0.28 mg/l in VRW-3 to 2.5 mg/l in VRW-4. Benzene was reported in vapor extraction



wells VRW-1, VRW-2, VRW-4, VRW-6, VRW-7, VRW-8, and VRW-9 at concentrations ranging from 1.71 μ g/l in well VRW-9 to 481 μ g/l in well VRW-4. Toluene was reported in wells VRW-1, VRW-4, VRW-7, VRW-8, and VRW-9, at concentrations of 2.42 μ g/l, 26.2 μ g/l, 1.67 μ g/l, 2.02 μ g/l, and 1.13 μ g/l, respectively. Xylenes were reported in samples collected from wells VRW-1, VRW-4, VRW-6, VRW-7, VRW-8, and VRW-9 at concentrations ranging from 1.26 μ g/l (VRW-6) to 61.1 μ g/l (VRW-4). TBA was reported in wells VRM-3, VRW-6, VRW-7, and VRW-8, at concentrations ranging from 41.8 μ g/l (VRW-3) to 61.4 μ g/l (VRW-7).

Monitoring Schedule

Groundwater sampling is tentatively scheduled for July 2010. A report summarizing the results of the July 2010 monitoring event will be provided after BAI receives and reviews the analytical results.

Based on the items outlined in the ACHCSA letter dated October 3, 2008, BAI is preparing a site conceptual model (SCM) that will include a preferential pathway evaluation and data gap workplan. BAI anticipates submitting the SCM by the June 2010 monitoring event.

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

Sincerely,

David E. Conley

Senior Geologist

No. 479

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, February 1, 2010

APPENDICES

Appendix A. Monitoring Well Sampling Protocol and Field Reports

Appendix B. Analytical Laboratory Report



TABLES



Depth to	Depth to	Groundwater	TPH as						
Groundwater	Groundwater	Elevation	gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	Lead	MTBE
Date	(feet)	(feet, MSL)	(mg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(µg/L)
		0.88	1.1	1.1	ND	-		_	- (1-8)
J	7.74	1.13	ND	ND	ND	ND		ND (1)	****
	7.81	1.06	ND	ND	ND	ND			
	7.90	0.97	ND	ND	ND				
Paranta	7.90	0.97	ND	ND	ND				••••
3/9/1993	7.38	1.49	ND	ND	ND				
7/21/1993	7.68	1.19	ND	ND	ND				_
11/3/1993	7.83	1.04	ND	ND					
2/1/1994	7.30	1.57	ND						
6/2/1994	7.43	1.44	ND						
9/1/1994	7.70	1.17	ND						
12/13/1994	6.90	1.97	ND		i				
3/7/1995	7.30	1.57	0.06						
6/9/1995	7.87	1.00	0.09						
9/21/1995	7.67	1.20							
12/18/1995	7.15	1.72							
2/29/1996	6.74	2.13	0.09						
7/15/1996	7.76	1.11							
1/7/1997	6.80	2.07	0.06	0.6					
7/12/1997	7.67	1.20		_			\(\tau_{0.5}\)		
1/26/1998	6.93	1.94	<0.05	<0.5			11		
7/3/1998	7.51				~~				N
1/13/1999	7.63		<0.05	<0.5	<05				F-100 F-100-100-1
9/27/1999	7.77		_	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~					***
1/28/2000			< 0.05						-F 0
5/16/2002	7.45			**************************************					<5.0
									<1.0
				1					
	Date 10/14/1988 12/29/1989 5/28/1992 9/3/1992 11/24/1992 3/9/1993 7/21/1993 11/3/1994 6/2/1994 9/1/1994 12/13/1994 3/7/1995 6/9/1995 9/21/1995 12/18/1995 2/29/1996 7/15/1996 1/7/1997 7/12/1997 1/26/1998 7/3/1998 1/13/1999 9/27/1999 1/28/2000	Groundwater Groundwater Date (feet) 10/14/1988 7.99 12/29/1989 7.74 5/28/1992 7.81 9/3/1992 7.90 11/24/1992 7.90 3/9/1993 7.38 7/21/1993 7.68 11/3/1993 7.83 2/1/1994 7.30 6/2/1994 7.43 9/1/1994 7.70 12/13/1994 6.90 3/7/1995 7.30 6/9/1995 7.87 9/21/1995 7.67 12/18/1995 7.15 2/29/1996 6.74 7/15/1996 7.76 1/7/1997 6.80 7/12/1997 7.67 1/26/1998 6.93 7/3/1998 7.51 1/13/1999 7.63 9/27/1999 7.77 1/28/2000 6.85 5/16/2002 7.45 6/10/2003 7.30	Groundwater Groundwater (feet) Elevation (feet, MSL) 10/14/1988 7.99 0.88 12/29/1989 7.74 1.13 5/28/1992 7.81 1.06 9/3/1992 7.90 0.97 11/24/1992 7.90 0.97 3/9/1993 7.38 1.49 7/21/1993 7.68 1.19 11/3/1993 7.83 1.04 2/1/1994 7.30 1.57 6/2/1994 7.43 1.44 9/1/1994 7.70 1.17 12/13/1994 6.90 1.97 3/7/1995 7.30 1.57 6/9/1995 7.87 1.00 9/21/1995 7.67 1.20 12/18/1995 7.15 1.72 2/29/1996 6.74 2.13 7/15/1997 7.67 1.20 1/26/1998 6.93 1.94 7/3/1998 7.51 1.36 1/13/1999 7.63 1.24 9/27/1999 <td>Groundwater Date Groundwater (feet) Elevation (feet, MSL) gasoline (mg/L) 10/14/1988 7.99 0.88 1.1 12/29/1989 7.74 1.13 ND 5/28/1992 7.81 1.06 ND 9/3/1992 7.90 0.97 ND 11/24/1992 7.90 0.97 ND 3/9/1993 7.38 1.49 ND 7/21/1993 7.68 1.19 ND 11/3/1993 7.83 1.04 ND 2/1/1994 7.30 1.57 ND 6/2/1994 7.43 1.44 ND 9/1/1994 7.70 1.17 ND 3/7/1995 7.30 1.57 0.06 6/9/1995 7.87 1.00 0.09 9/21/1995 7.67 1.20 ND 12/18/1995 7.15 1.72 ND 1/2/1997 6.80 2.07 0.06 7/12/1997 7.67 1.20 —</td> <td>Groundwater Date Groundwater (feet) Elevation (feet, MSL) gasoline (mg/L) Benzene (µg/L) 10/14/1988 7.99 0.88 1.1 1.1 12/29/1989 7.74 1.13 ND ND 5/28/1992 7.81 1.06 ND ND 9/3/1992 7.90 0.97 ND ND 11/24/1992 7.90 0.97 ND ND 3/9/1993 7.38 1.49 ND ND 7/21/1993 7.68 1.19 ND ND 11/3/1993 7.83 1.04 ND ND 2/1/1994 7.30 1.57 ND ND 6/2/1994 7.43 1.44 ND ND 9/1/1994 7.70 1.17 ND ND 3/7/1995 7.30 1.57 0.06 3.8 6/9/1995 7.87 1.00 0.09 12 9/21/1995 7.67 1.20 ND 4.1 12/18/</td> <td>Groundwater Date Groundwater (feet) Elevation (feet, MSL) gasoline (mg/L) Benzene (μg/L) Toluene (μg/L) 10/14/1988 7.99 0.88 1.1 1.1 ND 12/29/1989 7.74 1.13 ND ND ND 5/28/1992 7.81 1.06 ND ND ND 9/3/1992 7.90 0.97 ND ND ND 3/9/1993 7.38 1.49 ND ND ND 3/9/1993 7.38 1.49 ND ND ND ND 7/21/1993 7.68 1.19 ND ND<td>Groundwater Date Groundwater (feet) Elevation (feet, MSL) gasoline (mg/L) Benzene (µg/L) Toluene (µg/L) Ethylbenzene (µg/L) 10/14/1988 7.99 0.88 1.1 1.1 ND — 12/29/1989 7.74 1.13 ND ND ND ND 5/28/1992 7.81 1.06 ND ND ND ND 9/3/1992 7.90 0.97 ND ND ND ND 11/24/1992 7.90 0.97 ND ND ND ND 3/9/1993 7.38 1.49 ND ND ND ND 3/9/1993 7.68 1.19 ND ND ND ND 7/21/1993 7.68 1.19 ND ND ND ND 11/3/1994 7.30 1.57 ND ND ND ND 6/2/1994 7.33 1.57 ND ND ND ND 12/13/1994 6.90 1.97</td><td>Groundwater Date Groundwater (feet) Elevation (regt.) gasoline (regt.) 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Xylenes (regt.) 10/14/1988 7.99 0.88 1.1 1.1 ND — ND 12/29/1989 7.74 1.13 ND ND<</td><td> Groundwater</td></td>	Groundwater Date Groundwater (feet) Elevation (feet, MSL) gasoline (mg/L) 10/14/1988 7.99 0.88 1.1 12/29/1989 7.74 1.13 ND 5/28/1992 7.81 1.06 ND 9/3/1992 7.90 0.97 ND 11/24/1992 7.90 0.97 ND 3/9/1993 7.38 1.49 ND 7/21/1993 7.68 1.19 ND 11/3/1993 7.83 1.04 ND 2/1/1994 7.30 1.57 ND 6/2/1994 7.43 1.44 ND 9/1/1994 7.70 1.17 ND 3/7/1995 7.30 1.57 0.06 6/9/1995 7.87 1.00 0.09 9/21/1995 7.67 1.20 ND 12/18/1995 7.15 1.72 ND 1/2/1997 6.80 2.07 0.06 7/12/1997 7.67 1.20 —	Groundwater Date Groundwater (feet) Elevation (feet, MSL) gasoline (mg/L) Benzene (µg/L) 10/14/1988 7.99 0.88 1.1 1.1 12/29/1989 7.74 1.13 ND ND 5/28/1992 7.81 1.06 ND ND 9/3/1992 7.90 0.97 ND ND 11/24/1992 7.90 0.97 ND ND 3/9/1993 7.38 1.49 ND ND 7/21/1993 7.68 1.19 ND ND 11/3/1993 7.83 1.04 ND ND 2/1/1994 7.30 1.57 ND ND 6/2/1994 7.43 1.44 ND ND 9/1/1994 7.70 1.17 ND ND 3/7/1995 7.30 1.57 0.06 3.8 6/9/1995 7.87 1.00 0.09 12 9/21/1995 7.67 1.20 ND 4.1 12/18/	Groundwater Date Groundwater (feet) Elevation (feet, MSL) gasoline (mg/L) Benzene (μg/L) Toluene (μg/L) 10/14/1988 7.99 0.88 1.1 1.1 ND 12/29/1989 7.74 1.13 ND ND ND 5/28/1992 7.81 1.06 ND ND ND 9/3/1992 7.90 0.97 ND ND ND 3/9/1993 7.38 1.49 ND ND ND 3/9/1993 7.38 1.49 ND ND ND ND 7/21/1993 7.68 1.19 ND ND <td>Groundwater Date Groundwater (feet) Elevation (feet, MSL) gasoline (mg/L) Benzene (µg/L) Toluene (µg/L) Ethylbenzene (µg/L) 10/14/1988 7.99 0.88 1.1 1.1 ND — 12/29/1989 7.74 1.13 ND ND ND ND 5/28/1992 7.81 1.06 ND ND ND ND 9/3/1992 7.90 0.97 ND ND ND ND 11/24/1992 7.90 0.97 ND ND ND ND 3/9/1993 7.38 1.49 ND ND ND ND 3/9/1993 7.68 1.19 ND ND ND ND 7/21/1993 7.68 1.19 ND ND ND ND 11/3/1994 7.30 1.57 ND ND ND ND 6/2/1994 7.33 1.57 ND ND ND ND 12/13/1994 6.90 1.97</td> <td>Groundwater Date Groundwater (feet) Elevation (regt.) gasoline (regt.) 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	Depth to	Depth to	Groundwater	TPH as					T T	
Well	Groundwater	Groundwater	Elevation	gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	Lead	МТВЕ
Name	Date	(feet)	(feet, MSL)	(mg/L)	(µg/L)	(µg/L)	(μg/L)	(µg/L)	(mg/L)	(µg/L)
MW-1	12/10/2004	6.27	5.20	< 0.050	< 0.5	<0.5	<0.5	<0.5		(48/11)
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		
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		-	<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	_	<1.0
MW-1	2/2/2010	6.58	4.89	<0.05	<0.50	<0.50	<0.50	<0.50	_	<1.0
MW-2	10/14/1988				garante propinsi de la conf	unionale generalisti (<0.50	<0.50		<1.0
MW-2		7.29	0.85	11	23	20	I-PRIAD	16	- [
MW-2	12/29/1989	6.87	1.27	4	200	6.7	ND	ND	0.22 (1)	
	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	*40(1)	
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

	Depth to	Depth to	Groundwater	TPH as						
Well	Groundwater	Groundwater	Elevation	gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	Lead	MTBE
Name	Date	(feet)	(feet, MSL)	(mg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(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	u	
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	_	from .
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	www.	
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		+tm
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-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)	

	Depth to	Depth to	Groundwater	TPH as				T	W. W	
Well	Groundwater	Groundwater	Elevation	gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	Lead	MTBE
Name	Date	(feet)	(feet, MSL)	(mg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(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	ma	
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	Maa	
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		about .
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		<u></u>		_			
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	_	<u> </u>
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	<0.50	<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)



	Depth to	Depth to	Groundwater	TPH as					1	
Well	Groundwater	Groundwater	Elevation	gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	Lead	МТВЕ
Name	Date	(feet)	(feet, MSL)	(mg/L)	(µg/L)	 (μg/L)	(µg/L)	(µg/L)	(mg/L)	(µg/L)
MW-4	10/14/1988	8.33	0.74	4.6	1.2	ND		2.2	(mg/L)	(MS/L/)
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	0.030 (2)	
MW-4	11/24/1992	8.28	0.79	0.14	3.2	3.2	ND	1.0	0.022 (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	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	140(1)	
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		ava.	_	_	7 112		
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	4504	***	_		-		
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	mar .						
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)	



	Depth to	Depth to	Groundwater	TPH as						
Well	Groundwater	Groundwater	Elevation	gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	Lead	MTBE
Name	Date	(feet)	(feet, MSL)	(mg/L)	(μg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(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	_	***	_	MANN .	-	****	_
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)	<u></u>
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	Marie Control of the	-
MW-6	9/21/1995	4.69	1.44	0.28	ND	ND	ND	ND	_	W AA
MW-6*	12/18/1995	4.42	1.71			***	_			

¥A711	Depth to	Depth to	Groundwater	TPH as						
Well	Groundwater	Groundwater	Elevation	gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	Lead	MTBE
Name	Date	(feet)	(feet, MSL)	(mg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(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)	NAME OF THE PERSON
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	1/7/1997	14.35	-9.32	< 0.05	<0.5	<0.5	<0.5	<0.5	_	
MW-7	7/12/1997	15.12	-10.09		ALC:	_	_		_	
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



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.

 $\mu g/L = micrograms per liter. mg/L = milligrams per liter. -= not requested.$

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 μ g/l.
- (B) = concentrations of tert-Butyl alcohol (TBA) reported at 151 μ g/l.
- (C) = concentrations of tert-Butyl alcohol (TBA) reported at $122 \mu g/l$.
- (D) = concentrations of tert-Butyl alcohol (TBA) reported at $135 \mu g/l$.



TABLE 2. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR VAPOR EXTRACTION WELLS
Pacific Supply Company, 1735 24th Street, Oakland, California

Samula	Depth to Groundwater	Depth to	Top of	Groundwater	TPH as	_		Ethyl-			Other Oxygenates
Sample ID	Date	Groundwater (feet)	Casing Elevation (feet, MSL)	Elevation (feet, MSL)	gasoline (mg/L)	Benzene (µg/L)	Toluene (µg/L)	benzene	Xylenes	MTBE	& Lead Scavengers
VRW-1	11/3/1993	(1eet)	(ICCL, IVISL)	(teet, M3L)	(Mg/L)	1600	(µg/L)	(μg/L) 1.1	(μg/L) 16	(µg/L)	(µg/L)
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		14 .
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	127
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	<u> </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	-	N
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	HT
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	**



TABLE 2. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR VAPOR EXTRACTION WELLS
Pacific Supply Company, 1735 24th Street, Oakland, California

	Depth to	Depth to	Top of	Groundwater	TPH as			Ethyl-			Other Oxygenates
Sample	Groundwater	Groundwater	Casing Elevation	Elevation	gasoline	Benzene	Toluene	benzene	Xylenes	MTBE	& Lead Scavengers
ID	Date	(feet)	(feet, MSL)	(feet, MSL)	(mg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(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	-	<u></u>
VRW-3	1/26/2007	<i>7</i> .50	11.62	4.12	0.071	1.68	< 0.50	<0.50	<0.50	<1.0	mr
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-4	11/4/1993	-		-	9.0	4,400	900	5.4	990	-	_
VRW-4	5/15/2002		value .	-	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	- 1	<u></u>
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	/-/



TABLE 2. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR VAPOR EXTRACTION WELLS Pacific Supply Company, 1735 24th Street, Oakland, California

	Depth to	Depth to	Top of	Groundwater	TPH as		1	Ethyl-]		Other Oxygenates
Sample	Groundwater	Groundwater	Casing Elevation	Elevation	gasoline	Benzene	Toluene	benzene	Xylenes	МТВЕ	& Lead Scavengers
ID	Date	(feet)	(feet, MSL)	(feet, MSL)	(mg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(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		<u> </u>
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-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	0.33	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)



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		pa
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 NA
VRW-7	2/1/2008	6.70	11.70	5.00	0.47	21.3	<5.0	<5.0	<5.0	<10	NA 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	(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-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		44
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	W-
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)



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	-	M-	_	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	w
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	HA.
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	(47)

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

June 2004 groundwater elevations were collected on June 22, 2004.

December 2004 groundwater elevations were collected on December 8, 2004.

(A) = concentrations of tert-Butyl alcohol reported at 51.2 $\mu g/l$.

(B) = concentrations of tert-Butyl alcohol reported at 53.3 $\mu g/l$.

(C) = concentrations of tert-Butyl alcohol reported at 54.3 μ g/l.

(D) = concentrations of tert-Butyl alcohol reported at 90.4 μ g/l.

(E) = concentrations of tert-Butyl alcohol reported at 42.5 μ g/l.

(F) = concentrations of tert-Butyl alcohol reported at 33.7 μ g/l.

(G) = concentrations of tert-Butyl alcohol reported at 35.2 $\mu g/l$.

(H) = concentrations of tert-Butyl alcohol reported at 28.6 μ g/l.

(I) = concentrations of tert-Butyl alcohol reported at 89.5 μ g/l.

(J) = concentrations of tert-Butyl alcohol reported at 62.6 μ g/l.

(K) = concentrations of tert-Butyl alcohol reported at 62.1 μ g/l.

(L) = concentrations of tert-Butyl alcohol reported at 41.8 μ g/l.

(M) = concentrations of tert-Butyl alcohol reported at 48.8 $\mu g/l$.

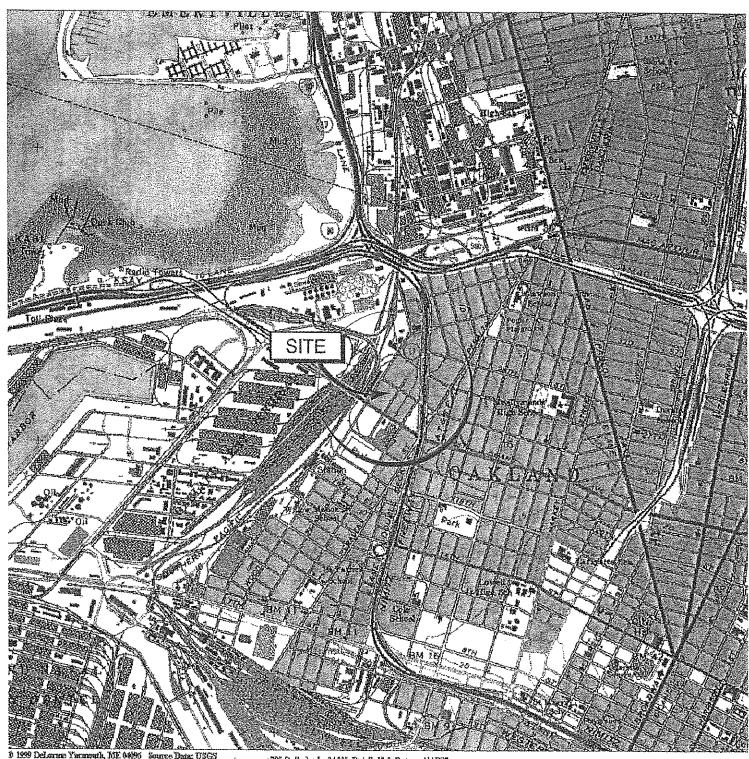
(N) = concentrations of tert-Butyl alcohol reported at 61.4 μ g/l.

(O) = concentrations of tert-Butyl alcohol reported at 57.5 μ g/l.



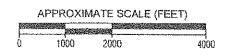
PLATES





| 700 ft &ale: 1 : 24900 Detail: 13-0 Datum: NAD27



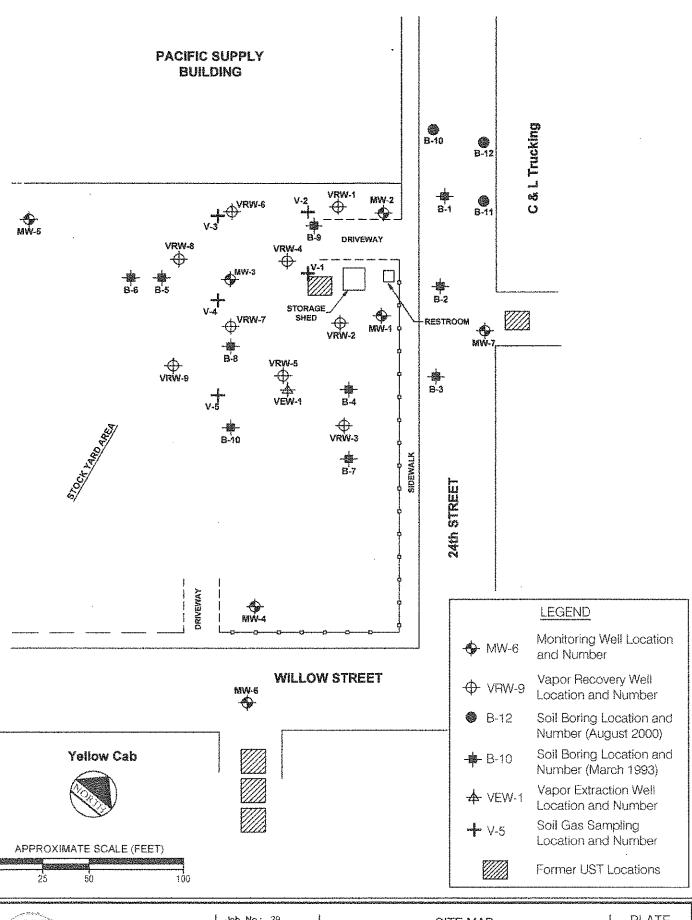




Brunsing Associates, Inc. 5803 Skylane Blvd., Suite A Windsor, California 95492 Tel: (707) 838-3027 VICINITY MAP
PACIFIC SUPPLY COMPANY
Oakland, California

PLATE

A STREET, ST.





Brunsing Associates, Inc. 5468 Skylane Blvd., Suite 201 Santa Rosa, California 95403 Tel: (707) 638-3027

Job No.: 29

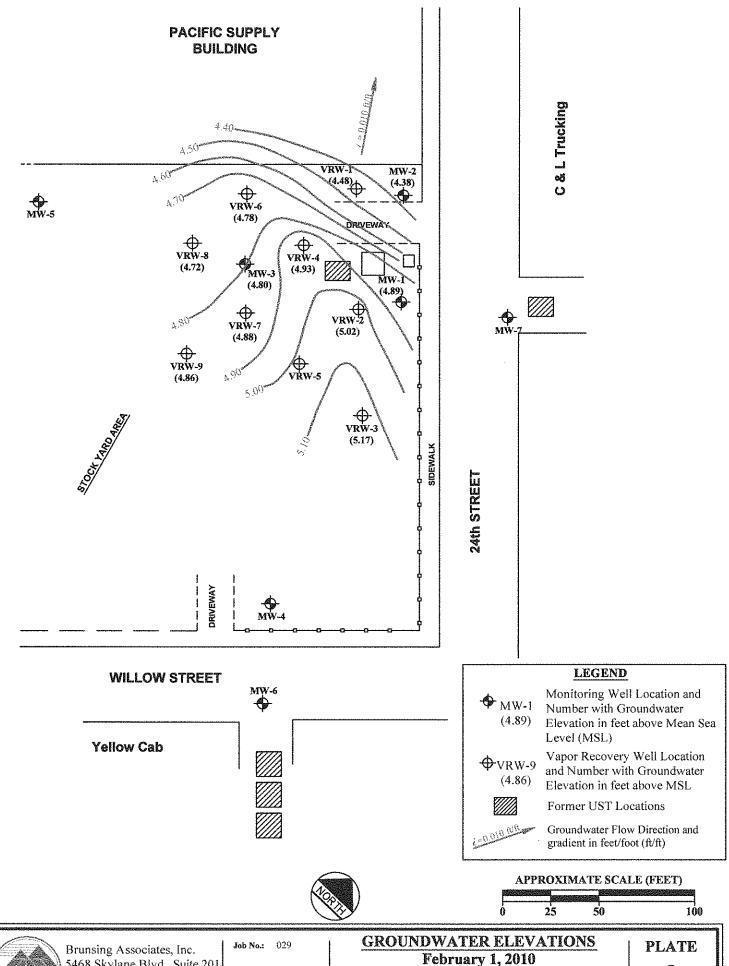
Date:

Appr.:

7/24/03

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

PLATE



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

Appr.:

Date: 03/23/10

PACIFIC SUPPLY COMPANY 1734 24th Street Oakland, California 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.

FIELD REPORT



PROJECT	NUMBER: 29 PROJECT NAME: Packs Symbol HNICIAN: 80 DESCRIPTION: Complete Symples DATE: 1 - 1 VEHICLE USED: 7276 Pages TOTAL MILEAGE: 12.5
TEC	HNICIAN: 20 DESCRIPTION: Completed Samples DATE: 2-1-10 VEHICLE USED: 2006 Planger TOTAL MILEAGE: 72.5
534162600000000000000000000000000000000000	DATE: J. J. J. O. VEHICLE USED: 2006 Range TOTAL MILEAGE: 72.5
TIME	DESCRIPTION OF WORK:
OLUS	
	lead up equipment and supplies.
0745	leave te sita
0902	anine @ site
	- Check in @ front dock
	0
	- Unload equipment i supplies
	- locate identity, and open mointering wells, Sail out standing
	Her from well boxes
2000	- Derform quaterland magniferents @ mw-1, -2 and mw3
	- Get up + perform groundwater templing @ vew.4,
	vew-6, yew-74 vew-9, vew-9 and new-30
	After purged groundwater in drums
	- Decon bampling equipment i supplies
	- Plane well covers and cano securely
	Complete coc and field report
	load up supplies + equipment
/539	leave site
1608	to motel
	- Unload equipment and supplies - Store samples
	- Store ramples
7630	
7.50.23	
	'

<u> </u>	
	4 drums full
	mused 4420

WATER LEVELS SHEET 2 OF

PROJECT: Pacific Supply

PROJECT NUMBER:

29

INSTRUMENT TYPE: WLP

INITIALS: ED DATE: 2-1-10

WELL	DEPTH TO	DISTANCE	TIME	EQUILIBRATED	Maries de la commencia de la commencia de la commencia de la commencia de la compensión de
NUMBER	PRODUCT	TO WATER	(24 HOUR)	(CHECK FOR YES)	NOTES
MW-1		6.58	9951		,
MW-2	\ ₀ .	4.35	052		
MW-3	·æ•	6.95	0957		
VRW-1	·	اعما، ي	b953		
VRW-2	***	to -05	icez		
VRW-3		6-45	6950		
VRW-4	made t	V-34	0955		
VRW-5	p-'	, mar	all-		IN ALCEST ble
VRW-6	ár.	6.65	0956		
VRW-7	ær.	6.82	1000		
VRW-8	*sel	(j. 8 9	\$65¢		
VRW-9	apri"	7.20	0954		
MW-1	/m/	6-58	iocid	V.	
MW-2	\.ev	6-42	1006		
MW-3	***	6-96	1009	Ç./	
VRW-1	pales, pr	(p 10	1005	1	THE THEORY IS NO CONTROL TO THE THEORY IS NOT THE THEORY OF THE THEORY IS NOT THE TH
VRW-2	-ns.	6.06	icon	4	миром метор на проделжения по проделжения в предоставления в предоста
VRW-3		(45°	1003		
VRW-4	"are"	6 40	1009	- A	See a service de service de la contraction de service de la contraction de service de la contraction d
VRW-5	'r	***	A STATE OF THE PERSON NAMED OF THE PERSON NAME		megapapagapam maseramentahberandeserokramanasestri Odohra mina basa samedak ri Odohra batari bertumbari at Odohra 2004 (1634)
VRW-6	we.	4.65	1010	√	THE PROPERTY OF THE PROPERTY O
VRW-7	en.,	6.82	1013	V	
VRW-8	weld?	<i>ن</i> .٩٥	ioii	V	
VRW-9	~	~ · · ·	1012	w.	
insi 2		6.42	1014	√	
	ADALLIA KANANAN MANANAN KANANAN MANANAN				

WELL SAMPLING SHEET 3 OF

PROJECT:	Pacific Sup	ply	·			PROJECT NUMBER:	29	
WELL# 🗈	NW-3	PRECIP. IN L	.AST 5 DAYS: 🗸		WIND	DATE: 2-1-10	·	:
STARTING	TIME:	1216	FINISHING	TIME: /ス~	47	INITIALS: ED		
CALCULAT	ION OF PUR	RGE VOLUM	E		nasanan kelendaran sasaran an amerikan merupak menak birak kelah Salah Sebesah kelendirik kelah Salah Sebesah ke	in Periode Principal Principal (III) (III) Periode Principal Princ	NOTE OF THE PRODUCTION OF THE PROPERTY OF THE PARTY OF TH	G
2" WELL	DEPTH:	16.00] - D.T.W.	6.56	= H20 COLUMN:	9.04 X 0.5 =	4.52	A L
4" WELL	DEPTH:	<i>j</i>] - D.T.W.		= H20 COLUMN:	X 2.0 =		0
THEREFO	RE TOTAL	PURGE GA	ALLONS EQUA	LS	4.5		TESATORIA DEDMINORI INPARADO PARA INCASSA DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE	N S
			FIE	LD MEA	SUREMENT	9		
TIME	GALLONS REMOVED	рН	CONDUCTIVITY	TEMP.		OBSERVATIONS		
(220	1.5	8-07	3.03 45	20,0 0	Cloudy, a	reen / brown, silt, c	ider	
1226	3.0	7,58	2.69	20.2	/2 /	11 14 - 3 -		
1220		7120	du, Col	20.2	Cloudy, green	/brown, silt, oder		
/232_	4.5	7,40	7.6)	20.6	Clary, green	Stewn, silt, was		
SAMPLI	vG:	SAMPLE	: ANALYSIS:	TPH-Gas, 8	3260B (BTEX, petro	oxy & Pb scav)	***************************************	
		SAN	MPLE TIME:	/233	DID WELL G	O DRY?		
WATER	LEVELS:	NOTES:						
TIME	D.T.W.							
1246	7.25							·····
				· · · · · · · · · · · · · · · · · · ·				
		:						
								
	TO THE RESERVE OF THE		**************************************			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		w
								(C)

WELL SAMPLING SHEET & OF

Commence of the Commence of th	CONTRACTOR	the fire and the control of the fire and the	delega anno a caracteristi dell'adioni accione per a caracteristi	NAMES OF THE OWNERS OF THE OWNERS OF THE OWNER.			
PROJECT:	Pacific Sup	ply				PROJECT NUMBER:	29
WELL# (JRW-4	PRECIP. IN L	.AST 5 DAYS: 🗹		WIND	DATE: 2-1-10	
STARTING	G TIME: /	250	FINISHING	ГIME: /393		INITIALS: 😭	
CALCULAT	ON OF PUF	RGE VOLUM	MATERIAL PROPERTY OF THE PROPE	OCCUPANTAL CONTRACTOR OF CONTRACTOR CONTRACT	NA SARAK SARAK SARAK PENGANGAN SARAK S	ан жолын аң арауыл үл элги жазын айлаттар атарынан үл эн өөнөүү үн жазын жазын айлатар айлатар айлатар айлатар	G
2" WELL	DEPTH:	(] - D.T.W.] = H20 COLUMN:	X 0.5 =	A L ·
4" WELL	DEPTH:	20.00] - D.T.W.	6-40	= H20 COLUMN:	13.6 X 2.0 =	2.7.2 O
THEREFO	RE TOTAL	PURGE GA	ALLONS EQUA	LS	27.25]	N S
Marie Carlo de Marie Carlo de	FERRAL MAINTAN COMPANY (NEW MAINTAN AND ANN ANN ANN ANN ANN ANN ANN ANN A	and was a selection of the second	HET CHESTUS SEED FOR TOWN TO HET CHEST CHEST FOR THE CHEST	LD MEA	SUREMENT	nicht beschichte der Scheide der Andersteil der Anstelle meine gegenzegenzegen gezein mit eine der neuen zu wen zu eine zu eine zu der zu der Anstelle der Anstel	ccent act and should also also been promptly and the Color of Colo
	GALLONS	omornoseno val Ivo un maza			*****		
TIME	REMOVED	р Н	CONDUCTIVITY	TEMP.		OBSERVATIONS	
1259	4	7 55	1176 45	2013 °C	Cloudy dre	en brown, silt, ad	of .
	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5				, a	j.	
/306	11	7.22	1843	21.1	Cloudy green	/brown, silt, oder	8-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
1313	25	7,28	1660	20.8	Cloudy green	Ibrown; silt, odor	
			Q				
						q ⁱ .	
					and which straight of the final date or the less shirt in the contract of the		
SAMPLI	NG:	SAMPLE	ANALYSIS:	TPH-Gas, 8	3260B (BTEX, petro	oxy & Pb scav)	
		SAN	MPLE TIME:	/3/5	DID WELL G	O DRY?	
WATER	LEVELS:	NOTES:					
TIME	D.T.W.		AN 1870 SCHOOL STAND OF THE SCHOOL SC				
/332	11.05		2944 1851 18 244 1854 1854 1854 1854 1854 1854 1854 18				
			-	**************************************			
				NAME OF THE PROPERTY OF THE PR			v like "V this manus make in "This bloom a manus manus manus
			· · · · · · · · · · · · · · · · · · ·	34444-0-4-10-4-10-4-10-4-10-4-10-4-10-4-			
		•			POT WILLIAM THE SOURCE WHICH COME AND		
						72	

WELL SAMPLING SHEET & OF

PROJECT:	Pacific Sup	ply				PROJECT NUMBER: 29	
WELL#	uphid-6	PRECIP. IN L	LAST 5 DAYS: 🍛		WIND	DATE: 2-1-10	
STARTING	G TIME: į	100	FINISHING	ГІМЕ : 1135	ź	INITIALS: ED	
CALCULAT	TION OF PUR	RGE VOLUM	negationes (negative) and a second se		, en	er lan derrekter und der der der der der der der der der de	G
2" WELL	DEPTH:] - D.T.W.	A CONTRACTOR OF THE PROPERTY O	= H20 C	COLUMN: X 0.5 =	A L
4" WELL	DEPTH:	20.00] - D.T.W.	669] = H20 C	COLUMN: 13-35 X 2.0 = 26.71	0 N
THEREFO	RE TOTAL	PURGE GA	ALLONS EQUA	LS		27	S
- 37	r kenzen ki irindamen kendelah kinki mujuah ama ane pang	and the second s		LD ME	ASURE	MENTS	7.600 LECTURE PERSONS IN
TIME	GALLONS REMOVED	<u>p.H</u>	CONDUCTIVITY	<u>TEMP.</u>		<u>OBSERVATIONS</u>	
1107	Espanson Comment	6.50	777,5	2040	Clock	, dark, black silt, odor	***************************************
e e e e e e e e e e e e e e e e e e e	15	7.0%	1584	19.3	Char	y, dark grey, silt, adár	
1721	20	7-38	1959	20,2	Closed	y dark greythown, silt, odar	TRACTOR BERNY CONTRIBUTION
SAMPLI	NG:			TPH-Gas, 8	-	EX, petro oxy & Pb scav) WELL GO DRY?	
WATER	LEVELS:	NOTES:					
TIME	D.T.W.				NASA4		
1/34	100		······································				
				###	·		
			*****				<u> </u>

WELL SAMPLING

SHEET (O OF

PROJECT:	lacific to	2017Ply				PROJECT NUMBER: 79
WELL# 🗸	AW-7	PRECIP. IN L	AST 5 DAYS: 🧹		WIND	DATE: Zerio
			FINISHING T			INITIALS: 4)
CALCULAI	ION OF PUF	KGE VOLUM	E FOR 3 WELL O	CASINGS		G
2" WELL] - D.T.W. [= H20 COLUMN	X 0.5 = A
4" WELL	DEPTH:	- 20.05] - D.T.W. [6.82	= H20 COLUMN	: 13.18 X 2.0 = 26.36 O
THEREFO	RE TOTAL	PURGE GA	ALLONS EQUA	LS	26.25] N S
	· ·			LD MEA	SUREMENT	
TIME	GALLONS REMOVED	<u>p H</u>	CONDUCTIVITY	TEMP.		OBSERVATIONS
443	/ 0	7.42	3,20 ,5	2117	Claudy , bie	oun green, sill, oder, sheen
			,			
1154	/3	7.50	3,09	. [8. 8	Cloudy bizz	enfgreen, silt, odor, sheen
1159	15	7.45	3.37	21.3		2 2
A STATE OF S	-				7	walgreen silt octor sheen
		·				,

SAMPLI	NG:	SAMPLE	E ANALYSIS:	TPH-Gas,	PH-Diesel, 8260B	(BTEX, petro oxy & Pb scav)
		SAI	MPLE TIME:		DID WELL G	
WATER	LEVELS:	NOTES:			,	The state of the s
TIME	D.T.W.					
414	12.85					
- AND						
WHEE				-		· · ·
ALPONOMINA CONTRACTOR	<u> </u>		annum o de marco		**************************************	
E.		e de la companie de l				

WELL SAMPLING SHEET 7

PROJECT:	Pacific 5	Supply				PROJECT NUMBER: 29				
WELL# √	RW-8 1	PRÉCIP. IN L	AST 5 DAYS;		WIND	DATE: 2-1-10				
STARTING	TIME: / 3	30	FINISHING T	IME: /43	2	INITIALS: ED				
CALCULATI	ON OF PUR	GE VOLUM	E FOR 3 WELL C	ASINGS	21474-1976 daga kananan 25.000 da lah daga nyaéta kinang sababan 1		G			
2" WELL	DEPTH:		- D.T.W. [] = H20 COLU	MN: X 0.5 =)	A			
4" WELL	DEPTH: [20-00] - D.T.W. [6-90	= H20 COLU	MN: 331 X 2.0 = 7.6-2	L			
	4" WELL DEPTH: 20-00 - D.T.W. 6-90 = H20 COLUMN: 33-1 X 2.0 = 7.6-2 ON N S									
			FIE	LD ME	ASUREMEI	NTS	And the state of t			
TIME	GALLONS TIME REMOVED P.H CONDUCTIVITY TEMP. OBSERVATIONS									
(358	9	8.17	2.45 µS	18.60	Clouby,	green/brown, silt, odor				
1406	18	7.11	135((9.3	Cloudy,	green/brown, silt, odor				
14/4	26:15	7.13	1363	18.4	Cloudy,	green l brown; silt, oder	,			
							······································			
SAMPLI	NG:	SAMPLE	E ANALYSIS:	TPH-Gas,	FPH-Diesel, 82	60B (BTEX, petro oxy & Pb scav)				
		SAI	MPLE TIME:			LL GO DRY?				
WATER	LEVELS:	NOTES:					The describing the survey of t			
TIME	D.T.W.	WAXOO CENTO CONTRACTOR				·				
1 430	6-92									
				·						
			-				The second secon			
			International Control of the Contr		NOTYTA-NOTHES-NOWOWN MICH SENSON OF WARRY OF AN ALTO EXPENSE AND A SENSON OF A					

WELL SAMPLING

SHEET & OF

			and the second s	-			
PROJECT:	Pacific	Suppl	y		p	ROJECT NUMBER: 29	
WELL# 🗸	2W-9	PRÉCIP. IN L	AST 5 DAYS: 🗸	,	WIND	DATE: 2-1-10	
STARTING	TIME: \	145	FINISHING T	IME: 151	S 11	NITIALS: ED	
CALCULATI	ON OF PUR	GE VOLUM	E FOR 3 WELL C	CASINGS	and the second s		G
2" WELL	DEPTH: [] - D.T.W. [= H20 COLUMN:	X 0.5 =	A L
4" WELL	DEPTH: [20.00] - D.T.W. [7.6	= H20 COLUMN: [12.99 X 2.0 = 25.98	O
1			ALLONS EQUAL	•	2.6		N S
		and the second s		THE CONTRACTION OF THE CONTRACT OF THE CONTRA	Contraction of the Contraction o		
			Par Bar Bar Bar Bar Bar Bar Bar Bar Bar B	LD MEA	SUREMENTS		
TIME	GALLONS REMOVED	рH	CONDUCTIVITY	TEMP.	0	<u>BSERVATIONS</u>	
7453	8	7:49	. 1385 5	19.8°C	Cloudy brown	green, silt, odos	
<u>1501</u>		7.48	(356	(4.6	Cloudy brown	Igreen silt ador	
1509	24	7.50	/331	19.3		1	
		***************************************		- 1 P	Transy promo	ilgreen silt oder	***************************************
		*					**************************************
		-		•			······································
SAMPLII	\G:	SAMPLE	ANALYSIS:	TPH-Gas. 7	FPH-Diesel- 8260B (B)	TEX, petro oxy & Pb scav)	za de la compositiva
			MPLE TIME:	1510			
		U/N	VII LL		DID WELL GO I	DRY? NO	
WATER	LEVELS:	NOTES:				And the second s	editional research control charge
TIME	D.T.W.		•			•	
1513	746		The state of the s				
							edownia drivina - elektrica de especiale
-	**************************************			1		*	
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Mariamentos escencios escentrales	A TOTAL PROPERTY OF THE PARTY O			,			

BRUNSING ASSOCIATES, INC.

FIELD REPORT

PROJECT	NUMBER: 29	PROJECT NAME: Pacific Supply
TE(CHNICIAN: &D	DESCRIPTION: Ground Hze Sampling
	DATE: 2.2-IU.	DESCRIPTION: Ground Hzc Sempling VEHICLE USED: 2206 Renger TOTAL MILEAGE: 72
TIME	DESCRIPTION OF W	
0230		
्रेश ्रेश	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	puirment lique sile
(2.100)	[MAN 3505-K-2 1] []	
	- Miland	and and it is to a like a line
l		equipment + Aupplies
	- 1/2 t	3 sertorm moundwater sampling (a. mw-1, mw-2,
		3 perform groundwater sampling @ mw-1, mw-2,
		Shirt of Casa 1 V S V S V S V S V S V S V S V S V S V
<u> </u>	Man	surged groundwater in drums babeled and sealed
	7	ourged groundwater in during labeled and sealed
	- Plase	well covers and caps securely
		· · · · · · · · · · · · · · · · · · ·
	- Daranad	sampling equipment + supplies
	1.44 500 538 605	The state of the s
	1 1 2 2 2	up equipment
	Compl	ite COC
7707	1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
/330	PARASI	Aike is
1449	anis	e E shop
7 7 7 7		
	- Unla	rad equipment and supplier
	1	
	- Aulo	uit Samples to Let
	- Conu	let field reget
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	Done	
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WELL SAMPLING SHEET (D OF

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PROJECT:	Pacific Sup	ply				PROJECT NUMBER:	29	
WELL# N	nw-i	PRECIP. IN L	.AST 5 DAYS: 🗸		WIND	DATE: 2-2-10		
STARTING	TIME:	/200	FINISHING	TIME: /23/		INITIALS: とひ		
CALCULAT	ION OF PUF	RGE VOLUM				AZONOROS ANNORARANO DECENTO DECENTO DE SENSO EN CONTROLO DE CONTROLO DE CONTROLO DE CONTROLO DE CONTROLO DE CO	and the service of th	G
2" WELL			_	6.58	= H20 COLUMN:	72.42 X 0.5 =	G-23	A L.
4" WELL			•		= H20 COLUMN:			L O
		<u> </u>	ALLONS EQUA	LS	6:25]		N S
Names leiden verselenn dikter blis i del di i de leiden verse alan mel	inaan kanada na kanad	en e	\$~ 1 F	in me	ASUREMENTS		35/2016 patrimon atama kin kumbukin sebagai 1904/0	HERRICONSTONE CONSTRUCTION
		1	1 9 1		1		····	
TIME	GALLONS REMOVED	pН	CONDUCTIVITY	TEMP.		OBSERVATIONS		W
1205	2	7.64	356 uS	722	Cloudy bear	on, sill, ador, she	<u> </u>	
	5		en .		<i>"</i> "} ,	The state of the s		**************************************
1210	de de la companya de	746	768	17.2	Cloudy busine	. silt oder shee	*	THE STATE OF THE S
1214	6-25	7.23	663		Claudy hown	silfoder, sheen		P-11/4/7-104/4/104/4/104/4/104/4/104/4/104/4/104/4/104/4/104/4/104/4/104/4/104/4/104/4/104/4/104/4/104/4/104/4

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				A-THANKS PLANTS OF THE STATE OF		100 P.D. A. FOR EXPENSION TO THE MEMORY OF A STATE OF THE	MANAGERA ETICENCO DA COSTA CENTRAS CARROS CONTROLOS CONT	was mini ku waka ki ka mini ka
SAMPLIN	<u>vg:</u>	SAMPLE	ANALYSIS:	TPH-Gas, 8	3260B (BTEX, petro	oxy & Pb scav)		
REAL STATE OF THE		SAN	IPLE TIME:	1215	DID WELL G	O DRY? No	•	
WATER	LEVELS:	NOTES:	M37 COLONIA DE PRESENTA DE COMPANS DE COMPAN	a con a construction and a const	an era og værta er enska af det er		gyzkannoù douest ez septembre per en	
TIME	D.T.W.							
/130	C-S)							
			- The second					
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	······································							***************************************

WELL SAMPLING SHEET / OF

PROJECT:	Pacific Sup	ply				PROJECT NUMBER:	29
WELL#	mw-Z	PRECIP. IN L	AST 5 DAYS:	/	WIND	DATE: 2-2-10	
STARTING	G TIME:	1007	FINISHING	TIME: /053	5	INITIALS: €D	
CALCULAT	ION OF PUR	RGE VOLUM	enganismentalismentalismentalismentalismentalismentalismentalismentalismentalismentalismentalismentalismentali L	A Children Service Ser	ka interpretazione del se construcción de la funcción de sóns secuencia del cuerdo en que que que que que que c	the first held at the entire property of the	G
2" WELL	DEPTH:	a francisco de la company] - D.T.W.	hy make few	= H20 COLUMN:	X 0.5 =	A L
4" WELL	DEPTH:	20.00] - D.T.W.	6-42	= H20 COLUMN:	3.58 X 2.0 =	The state of the s
THEREFO	RE TOTAL	PURGE GA	ALLONS EQUA	ALS	23		N S
	and the second s	and anticumo and experience and experience of the experience of th	FIL	ELD MEA	SUREMENTS	S	иния в настения в настения в настения в настения на настения на настения в настения в настения в настения в на
TIME	GALLONS REMOVED	На	CONDUCTIVITY	TEMP.		<u>OBSERVATIONS</u>	
1021	9	1.36	865 MS	1714 6	Cloudy green	ybroun, silt, ado	<u>.</u>
[030	18	7.52	113	\$ m3 22	Olivia ocult		
1000	1 2	d how	112	17.2	l crossy greens	bown, silt, oder	
1039	27	7.45	624	169	Cloudy area.	albown, odar	
						1.000-1.000 mil # 1.000 mil #	
SAMPLI	NG:	SAMPLE	ANALYSIS:	TPH-Gas. 8	3260B (BTEX, petro	oxv & Pb scav)	
					DID WELL GO		
WATER	LEVELS:	NOTES:		economic services and construction of the services of the serv	and an experience and the supplication and an experience of the control of the co	CONTROL OF	ADACH (CAT SOLIC) (Generalization mentamatic music amb et Luci (Cat social del pa
TIME	D.T.W.						
1052	4.50						
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		4					
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WELL SAMPLING SHEET 12 OF

PROJECT:	Pacific Sup	pply				PROJECT NUMBER: 29	
WELL#	VRW-1	PRECIP. IN L	.AST 5 DAYS: 🥡	(WIND	DATE: 2 -2-10	
STARTING	S TIME: ø	NAC .	FINISHING	TIME: 100	6	INITIALS: ET)	
CALCULAT	ION OF PUF	RGE VOLUM	E				G
2" WELL	DEPTH:] - D.T.W.		= H20 COLUMN:	X 0.5 =	A L
4" WELL	DEPTH:	24.00] - D.T.W.	6.70	= H20 COLUMN:	/3.3 X 2.0 = 26-4	L O N
THEREFO	RE TOTAL	PURGE GA	ALLONS EQUA	LS	26.5		S
	ng act to the terror area area consiste a state and a support and a support as a su	станост изоходи и постоя и постоя и постоя пост Постоя постоя посто		LD MEA	SUREMENT	Security of the security of th	etat etikke elektrisiske kelektrisiske en mark
TIME	GALLONS REMOVED	рН	CONDUCTIVITY	TEMP.		OBSERVATIONS	
<u> </u>	ş	7.44	1115 us	18.2 6	Cloudy, gre	en brown, silt, odor	
THE SECULLAR PROPERTY OF THE SECULLAR PROPERTY OF THE SECUL					, ,		
O9 <i>3</i> 9	16	7.69	1085	18.3	Cloudy, g.	reen brown, silt, odor	
0949	26	7.44	1050	18.1	Cloudy, gree	an brown, silt, odor	
			· .	***			
SAMPLI	NG:	SAMPLE	ANALYSIS:	TPH-Gas, 8	3260B (BTEX, petro	oxy & Pb scav)	
		SAN	IPLE TIME:	0950	DID WELL G	O DRY? No	
WATER	LEVELS:	NOTES:					Page Service Constitution Const
TIME	D.T.W.						
#005	7,30					****	
				The state of the s	***************************************		

		-			ASSENTATION ASSENTATION ASSESSMENT PRODUCTION ASSESSMENT ASSESSMEN		
		-			MACENATION OF THE STATE OF THE		
					Milestraccom		Market Market Town

WELL SAMPLING SHEET 13 OF

PROJECT: Pacif	ic Supply				PROJECT NUMBER:	29
WELL# VAW-	2 PRECIP. IN	LAST 5 DAYS:	·	WIND	DATE: 2 - Z - is	
STARTING TI	ME: /232	FINISHING	TIME: /3/2	,	INITIALS: ©	
CALCULATION O	F PURGE VOLU		und Ceal France, Cardinal Montage (1946 Lean Martina Anna Cardina)	THE STATE OF THE S	THE PROPERTY WITH THE PROPERTY WAS ARRESTED THE PROPERTY OF TH	G A
2" WELL DE	PTH:	D.T.W.		= H20 COLUMN:	X 0.5 =	A
4" WELL DE	PTH: 26.00	D.T.W.	6.06	= H20 COLUMN:	13.94 X 2.0 = 2	1 3 3 0 N
THEREFORE TO	OTAL PURGE G	GALLONS EQUA	LS	2.8		N S
		<u> </u>	ELD MEA	SUREMENTS	3	
GALL TIME REM	OVED pH	CONDUCTIVITY	TEMP.		OBSERVATIONS	
1,237 9		564 ps	18.3 -0	Cloudy, great	en brown, sill, odor	·
1244 (8 7.14	SSC	18.6	Cloudy ba	un green silt, odos	
/25/ l:	7.28	554	: V. 4	Cloudy brown	geen, silt, odor	
SAMPLING:	SAMPL	E ANALYSIS:	TPH-Gas, 8	3260B (BTEX, petro	oxy & Pb scav)	
	SA	MPLE TIME:	1252	DID WELL GO	O DRY?	
WATER LEVE	LS: NOTES	:	· · · · · · · · · · · · · · · · · · ·			
TIME D.T	.W.					
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WELL SAMPLING

SHEET (U OF

PROJECT:	Pacific	Supply	Control of the Contro	Militari Militari da Antonio de Caracia de C	P	PROJECT NUMBER: 29	
ĭ		_	.AST 5 DAYS; ∨		•	DATE: 2-2-10	
1			FINISHING T			NITIALS: ED	
)	VITIALS:	
			E FOR 3 WELL	<u>CASINGS</u>	,		G A
•] - D.T.W. [= H20 COLUMN:	X 0.5 =	Ĺ
4" WELL	DEPTH:	70.06] - D.T.W.	645	= H20 COLUMN: [13.55 X 2.0 = 27	L O
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171.5	and the second s			LD MEA	SUREMENTS		
TIME	GALLONS REMOVED	р Н	CONDUCTIVITY	TEMP.	O	DBSERVATIONS	,
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1128	18	7.35	1310	13.9	Cloudy brow	Joreen, silt, oder	

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CARROLL	li						ing discount of the control of the c
<u>SAMPLI</u>	I <u>AQ</u> :			TPH-Gas, 3	FHI-Diesel, 8260B (B	TEX, petro oxy & Pb scav)	
	:	SAI	MPLE TIME:	1135.	DID WELL GO	DRY? yes	
WATER	LEVELS:	NOTES:			no standarde (CEM Austrians Standardina et America (CEM Austria) (CEM Au	angentine de la maria de l La maria de la	ektorosobozezásszektekt
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Chain of Custody

Project #	Project Address 1734 24+	· store	À.	NC	8					lysis	sis .						
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BG No.	Sampler's Signature		**************************************	m t		1 A											Remarks:
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			***************************************	l n	Ş	The second second				·							
Date Sampled	Sample I.D.	Time	Sample	o e	HOL	20 09.7 30 09.											
Sampled		(24 Hour)	Type	fs	-	(1)											
2-7-10	inw-1	1215	Hao		¥.	4											
2-2-10	mw.2	1040			4	7											
2-1-10	mw-3	1233			1	×											
2-2-10	VRW-1	0950			×	1											
2.2.10	VRW-2	1252		<u> </u>	4	*											
2.2.10	VRW-3	1135			*	1											
2-1-10	VRW-4	1315			工					[
2-1-10	VBW. 6	1122			¥.	~											
21-10	VRW.7 V	/2°ò			Y	4.											
2-1-10	VRW-8 Y	1415)		<u>,</u>	<u> </u>	<u> </u>										
2-1-10	VRW-9	1510	V	¥	×	<u> </u>		11									
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	BAIS	near water		Pro	eserva	ition: A	(HCI)	B - H1	VO3;	C -(c	:e) (S	pecify)	TA	T: R;	(E-WH	S) Urg	gent; Immediate (Specify)
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(signed)	Dehamp	2-2-10		(signed)	- Mariana - Mariana	1 11	10	15) Y				Cose	t		ı	P.O. Box 588
Relinquished	by:	Date/	2	Received	by:					2	Mention	EDF				menochie	5468 Skylane Blvd., Suite 201
(signed)				1400 Feb.							Global ID: (Office Use Only)			e Only	<i>'</i>)	Santa Rosa, CA 95403	
Relinquished	by:	Date/	2	Received	for L	aboratory	/ by:									I	(707) 838-3027 Phone
(signed)	ATTENNES OF THE STATE OF THE ST			(signed)	******************	olden Militario (or primary)		ECHONOLOGY AND RES	***************************************	**************************************				de la constitución de la constit	THE PROPERTY OF THE PROPERTY O	1	(707) 838-4420 Fax

APPENDIX BAnalytical Laboratory Report



Laboratory Report Project Overview EDF 1.2a

Laboratory:

Bace Analytical, Windsor, CA

Lab Report Number:

5508

Project Name:

1735 24TH ST.

Work Order Number:

029

Control Sheet Number:

NA

GREATOR

Report Summary

Labreport	Sampid		Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Labiotcti	Run Sub
5508	MW-1		5508-1	W	CS	8260FAB	SW5030B	02/02/201	02/04/201	02/04/201	20100203	15
								0	0	0		
5508	MW-1		5508-1	W	CS	CATPH-G	SW5030B	02/02/201	02/03/201		02032010	16
								0	0	0		
5508	MW-2		5508-2	W	cs	8260FAB	SW5030B	02/02/201	02/04/201		20100203	16
								0	0	0		
5508	MW-2		5508-2	W	cs	CATPH-G	SW5030B	02/02/201	02/03/201		02032010	17
	10110		******	156	00	6000EAD	0/4/50000	0	0	0	20400000	47
5508	MW-3		5508-3	W	CS	8260FAB	SW5030B	02/01/201	02/04/201	02/04/201	20100203	17
5500	861217		5500 A	10.7	00	CATOLLO	SW5030B	0 02/01/201	0 02/03/201	0 02/03/201	02032010	18
5508	MW-3		5508-3	W	CS	CATPH-G	24426200	02/01/201	02/03/201	02/03/201	02032010	10
5508	VRW-1		5508-4	W	CS	8260FAB	SW5030B	02/02/201		02/04/201	20100203	18
3306	03/44;	1.8	5500- 1	• •	QQ.	02001110	01100000	0	0	02.0-1/201	20190230	,,,
5508	VRW-1		5508-4	W	cs	CATPH-G	SW5030B	02/02/201	02/03/201	02/03/201	02032010	19
								0	0	0		
5508	VRW-2		5508-5	W	CS	8260FAB	SW5030B	02/02/201	02/04/201	02/04/201	20100203	19
								0	0	0		
5508	VRW-2		5508-5	W	CS	CATPH-G	SW5030B	02/02/201	02/03/201	02/03/201	02032010	20
								0	0	0		
5508	VRW-3		5508-6	W	CS	8260FAB	SW5030B	02/02/201	02/04/201	02/04/201	20100203	12
								0	0	0		
5508	VRW-3		5508-6	W	CS	CATPH-G	SW5030B	02/02/201	02/04/201		02032010	21
								0	0	0	******	
5508	VRW-4		5508-7	W	CS	8260FAB	SW5030B	02/01/201	02/04/201		20100203	20
5500) (D) () ()		5500.7	W	CS	CATPH-G	SW5030B	0 02/01/201	0 02/04/201	0	02032010	29
5508	VRW-4		5508-7	AA	CS	CATEG	34430300	02/01/201	02/04/201	02/04/203	02032010	29
5508	VRW-6		5508-8	W	cs	8260FAB	SW5030B	02/01/201	02/04/201	02/04/201	20100203	21
5555	VI, O		00000		-	0200.7.2	0000	0	0	0		
5508	VRW-6		5508-8	W	cs	CATPH-G	SW5030B	02/01/201	02/04/201	02/04/201	02032010	23
								0	0	0		
5508	VRW-7		5508-9	W	cs	8260FAB	SW5030B	02/01/201	02/04/201	02/04/201	20100203	22
								0	0	0		
5508	VRW-7		5508-9	W	CS	CATPH-G	SW5030B	02/01/201	02/04/201	02/04/201	02032010	24
								0	0	0		
5508	VRW-8		5508-10	W	CS	8260FAB	SW5030B	02/01/201	02/04/201	02/04/201	20100203	23
								0	0	0	*****	
5508	VRW-8		5508-10	W	CS	CATPH-G	SW5030B	02/01/201	02/04/201	02/04/201	02032010	25

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotcti	Run Sub
***************************************			\$15000000000000000000000000000000000000	en e		YARRAMAN MARKAMAN MAR	0	0	0		
5508	VRW-9	5508-11	W	CS	8260FAB	SW5030B	02/01/201	02/04/201	02/04/201	20100203	24
							0	0	0		
5508	VRW-9	5508-11	W	CS	CATPH-G	SW5030B	02/01/201	02/04/201	02/04/201	02032010	26
							0	0	0		
		5507-5	W	NC	CATPH-G	SW5030B	1.1	02/03/201	02/03/201	02032010	4
								0	0		
	•	5508MB	W	LB1	8260FAB	SW5030B	11	02/03/201	02/03/201	20100203	3
								0	0		
		5508MB	W	LB1	CATPH-G	SW5030B	11	02/03/201	02/03/201	02032010	1
								0	0		
		5508MS	W	MS1	8260FAB	SW5030B	11	02/03/201	02/03/201	20100203	12
						Ţ.		0	0		
		5508MS	W	MS1	CATPH-G	SW5030B	1.1	02/03/201	02/03/201	02032010	5
						•		0	0		
		5508SD	W	SD1	8260FAB	SW5030B	1.1	02/03/201	02/03/201	20100203	13
								0	0		
		5508SD	W	SD1	CATPH-G	SW5030B	11	02/03/201	02/03/201	02032010	6
								0	0		

Page: 1

Project Name: 1735 24TH ST. Analysis: VOCs by GC/MS Fuel Additives Plus BTEX

Project No: 029 Method: 8260FAB

Prep Meth: SW5030B

Lab Samp ID: 5508-1

Rec'd Date:

Field ID: MW-1

Matrix:

Descr/Location: MW-1 Sample Date: 02/02/2010 Sample Time: 1215

Prep Date: Analysis Date: 02/04/2010 Water

QC Batch: -20100203

02/02/2010

02/04/2010

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 STAND	ARD RECOV	ERIES:		Ф. ном. повод ш от село и от с				
4-Bromofluorobenzene		86-118	SLSA		104%			1
Toluene-d8		88-110	SLSA		98%			1
Dibromofluoromethane		86-118	SLSA		102%			1

Approved by: 4 release.

VOCs by GC/MS Fuel Additives Plus BTEX Analysis:

Project Name: Project No:

1735 24TH ST.

Page: 2

029

Method: 8260FAB

Prep Meth: SW5030B

Field ID:

MW-2

Lab Samp ID: 5508-2

Descr/Location:

MW-2

Rec'd Date:

02/02/2010

Sample Date:

02/02/2010

Prep Date:

02/04/2010

Sample Time:

1040

Analysis Date: 02/04/2010

Matrix:

Water

QC Batch:

20100203

Basis:

Not Filtered

Notes:

made.							
Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	1.9	5.0	PQL		ND	UG/L	5
Ethyl tert-butyl ether (ETBE)	1.5	5.0	PQL		ND	UG/L	5
tert-Amyl methyl ether (TAME)	1.3	5.0	PQL		ND	UG/L	5
Di-isopropyl ether (DIPE)	1.9	5.0	PQL		ND	UG/L	5
tert-Butyl alcohol (TBA)	12.	50.	PQL		ND	UG/L	5
1,2-Dichloroethane	1.5	2.5	PQL		ND	UG/L	5
1,2-Dibromoethane	1.5	2.5	PQL		ND	UG/L	5
Benzene	1.4	2.5	PQL		8.64	UG/L	5
Toluene	1.3	2.5	PQL		ND	UG/L	5
Ethylbenzene	1.3	2.5	PQL		ND	UG/L	5
Xylenes	1.3	2.5	PQL		4.53	UG/L	5
SURROGATE AND INTERNAL ST	ANDARD RECOV	ERIES:					
4-Bromofluorobenzene		86-118	SLSA		100%		
Toluene-d8		88-110	SLSA		98%		
Dibromofluoromethane		86-118	SLSA		99%		

Approved by:

Dibromofluoromethane

Page: 3

Project Name: Project No:	1735 24TH ST. 029		Analys Method Prep M	d: 82	OCs by GC/MS Fu 60FAB N5030B	el Additive	es Plus E	ЗТЕХ	
Field ID: Descr/Location: Sample Date: Sample Time: Matrix: Basis:	MW-3 MW-3 02/01/2010 1233 Water Not Filtered		Rec'd I Prep D	Date: ate: is Date:	5508-3 02/02/2010 02/04/2010 02/04/2010 20100203				
Analyte		Det Limit	Rep Limit		Note	Result	Units	Pvc Dil	
Methyl-tert-butyl	ether (MTBE)	0.38	1.0	PQL		1.30	UG/L	1	
Ethyl tert-butyl eth	ner (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		135.	UG/L	1	
1,2-Dichloroethar	ne	0.30	0.50	PQL		ND	UG/L	1	
1,2-Dibromoethar	ne	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	11	
SURROGATE AN 4-Bromofluorober	ND INTERNAL STAND nzene	ARD RECOV	ERIES: 86-118	SLSA		101%			1
Toluene-d8			88-110	SLSA		97%			1

86-118 SLSA

Approved by: Wallang of Charles

100%

Page: 4

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-1

Lab Samp ID: 5508-4

Descr/Location:

VRW-1

Rec'd Date:

02/02/2010

Sample Date:

02/02/2010

02/04/2010

Sample Time:

0950

Prep Date:

Analysis Date: 02/04/2010

Matrix:

Water

QC Batch:

20100203

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		8.95	UG/L	2	
Toluene	0.50	1.0	PQL		2.42	UG/L	2	
Ethylbenzene	0.50	1.0	PQL		ND	UG/L	2	
Xylenes	0.50	1.0	PQL		4.76	UG/L	2	
SURROGATE AND INTERNAL STAND	ARD RECOV	ERIES:					***************************************	
4-Bromofluorobenzene		86-118	SLSA		101%			1
Toluene-d8		88-110	SLSA		95%			1
Dibromofluoromethane		86-118	SLSA		99%			1

Approved by: Approved by:

Page: 5

98%

98%

Lab Report No.: 5508 Date: 02/04/2010

Toluene-d8

Dibromofluoromethane

Project Name: Analysis: VOCs by GC/MS Fuel Additives Plus BTEX 1735 24TH ST. Project No: Method: 029 8260FAB Prep Meth: SW5030B Field ID: VRW-2 Lab Samp ID: 5508-5 Descr/Location: VRW-2 Rec'd Date: 02/02/2010 Sample Date: 02/02/2010 Prep Date: 02/04/2010 Sample Time: 1252 Analysis Date: 02/04/2010 Matrix: Water QC Batch: 20100203 Basis: Not Filtered Notes: Rep Limit Analyte Det Limit Note Result Units Pvc Dil Methyl-tert-butyl ether (MTBE) 1.9 5.0 **PQL** ND UG/L 5 Ethyl tert-butyl ether (ETBE) 1.5 5.0 PQL ND UG/L 5 PQL UG/L 5 tert-Amyl methyl ether (TAME) 1.3 5.0 ND 5 Di-isopropyl ether (DIPE) 1.9 5.0 PQL ND UG/L 12. PQL ND UG/L 5 tert-Butyl alcohol (TBA) 50. 1,2-Dichloroethane 1.5 2.5 PQL ND UG/L 5 5 2.5 UG/L 1.2-Dibromoethane 1.5 PQL ND Benzene 2.5 PQL UG/L 5 1.4 62.8 5 UG/L Toluene 1.3 2.5 PQL ND 5 Ethylbenzene 1.3 2.5 PQL ND UG/L **Xylenes** 1.3 2.5 **PQL** ND UG/L 5 SURROGATE AND INTERNAL STANDARD RECOVERIES: 99% 4-Bromofluorobenzene 86-118 SLSA

88-110

86-118 SLSA

SLSA

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Lab Report No.: 5508 Date: 02/04/2010

Project Name: 1735 24TH ST. Analysis: VOCs by GC/MS Fuel Additives Plus BTEX

Project No: 029 Method: 8260FAB

Prep Meth: SW5030B

VRW-3 Lab Samp ID: 5508-6 Field ID: Descr/Location: VRW-3 Rec'd Date: 02/02/2010 Prep Date: Sample Date: 02/02/2010 02/04/2010 Sample Time: 1135 Analysis Date: 02/04/2010 Matrix: Water QC Batch: 20100203

Basis: Not Filtered Notes:

	I				······		
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		41.8	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 STAND	ARD RECOV	ERIES:					
4-Bromofluorobenzene		86-118	SLSA		106%		1
Toluene-d8		88-110	SLSA		108%		,
Dibromofluoromethane		86-118	SLSA		107%		

William of 45 Approved by:

Page: 7

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: 5508-7

Descr/Location: Sample Date:

VRW-4

Rec'd Date:

02/02/2010

Sample Time:

02/01/2010

Prep Date:

02/04/2010 Analysis Date: 02/04/2010

Matrix:

1315 Water

QC Batch:

20100203

Basis:

Not Filtered

Notes:

	<u> </u>							
Analyte	Det Limit	Rep Limit	:	Note	Result	Units	Pvc Dil	
Methyl-tert-butyl ether (MTBE)	3.8	10.	PQL		ND	UG/L	10	
Ethyl tert-butyl ether (ETBE)	3.0	10.	PQL		ND	UG/L	10	
tert-Amyl methyl ether (TAME)	2.6	10.	PQL	,	ND	UG/L	10	
Di-isopropyl ether (DIPE)	3.7	10.	PQL		ND	UG/L	10	
tert-Butyl alcohol (TBA)	24.	100.	PQL		ND	UG/L	10	
1,2-Dichloroethane	3.0	5.0	PQL		ND	UG/L	10	
1,2-Dibromoethane	3.0	5.0	PQL		ND	UG/L	10	
Benzene	2.7	5.0	PQL		481.	UG/L	10	
Toluene	2.5	5.0	PQL		26.2	UG/L	10	
Ethylbenzene	2.5	5.0	PQL		45.2	UG/L	10	
Xylenes	2.5	5.0	PQL		61.1	UG/L	10	
SURROGATE AND INTERNAL STAND	ARD RECOV	ERIES:						
4-Bromofluorobenzene		86-118	SLSA		101%			1
Toluene-d8		88-110	SLSA		98%			1
Dibromofluoromethane		86-118	SLSA		95%			1

alalineng H

Date: 2/5/10

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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-6 Lab Samp ID: 5508-8

 Descr/Location:
 VRW-6
 Rec'd Date:
 02/02/2010

 Sample Date:
 02/01/2010
 Prep Date:
 02/04/2010

 Sample Time:
 1122
 Analysis Date:
 02/04/2010

Matrix: Water QC Batch: 20100203
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 UG/L Ethyl tert-butyl ether (ETBE) 0.30 1.0 **PQL** ND 1 tert-Amyl methyl ether (TAME) UG/L 0.26 1.0 PQL ND 1 Di-isopropyl ether (DIPE) 0.37 1.0 **PQL** ND UG/L 1 2.4 10. **PQL** 48.8 UG/L 1 tert-Butyl alcohol (TBA) 1,2-Dichloroethane 0.30 0.50 **PQL** ND UG/L 1 0.50 ND UG/L 1 1.2-Dibromoethane 0.30 PQL Benzene 0.50 **PQL** UG/L 1 0.27 7.97 UG/L 1 Toluene 0.25 0.50 PQL ND 1 Ethylbenzene 0.25 0.50 **PQL** ND UG/L

Xylenes 0.25 0.50 **PQL** 1.26 UG/L 1 SURROGATE AND INTERNAL STANDARD RECOVERIES: 100% 4-Bromofluorobenzene 86-118 SLSA 96% Toluene-d8 88-110 SLSA 98% Dibromofluoromethane 86-118 SLSA

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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: 5508-9

Descr/Location:

VRW-7

Rec'd Date:

02/02/2010

Sample Date:

02/01/2010

Prep Date:

02/04/2010

Sample Time:

1200

Analysis Date: 02/04/2010

Matrix:

Water

QC Batch:

20100203

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		61.4	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		31.6	UG/L	2
Toluene	0.50	1.0	PQL		1.67	UG/L	2
Ethylbenzene	0.50	1.0	PQL		2.52	UG/L	2
Xylenes	0.50	1.0	PQL		3.18	UG/L	2
SURROGATE AND INTERNAL STAN	DARD RECOV	ERIES:					
4-Bromofluorobenzene		86-118	SLSA		103%		
Toluene-d8		88-110	SLSA		97%		
Dibromofluoromethane		86-118	SLSA		98%		

Walling H Approved by:

Page: 10

98%

Lab Report No.: 5508 Date: 02/04/2010

Dibromofluoromethane

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: 5508-10

 Descr/Location:
 VRW-8
 Rec'd Date:
 02/02/2010

 Sample Date:
 02/01/2010
 Prep Date:
 02/04/2010

 Sample Time:
 1415
 Analysis Date:
 02/04/2010

Matrix: Water QC Batch: 20100203
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		57.5	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		4.03	UG/L	2	
Toluene	0.50	1.0	PQL		202	UG/L	2	
Ethylbenzene	0.50	1.0	PQL		ND	UG/L	2	
Xylenes	0.50	1.0	PQL		5.08	UG/L	2	
SURROGATE AND INTERNAL STAND	ARD RECOV	ERIES:						
4-Bromofluorobenzene		86-118	SLSA		101%			1
Toluene-d8		88-110	SLSA		98%			1

86-118 SLSA

Page: 11

VOCs by GC/MS Fuel Additives Plus BTEX Project Name: 1735 24TH ST. Analysis: Project No: 029 Method: 8260FAB Prep Meth: SW5030B Field ID: VRW-9 Lab Samp ID: 5508-11 Rec'd Date: 02/02/2010 Descr/Location: VRW-9 Sample Date: 02/01/2010 Prep Date: 02/04/2010 Sample Time: 1510 Analysis Date: 02/04/2010 QC Batch: Matrix: 20100203 Water Basis: Not Filtered Notes: Det Limit Rep Limit Note Result Units Pvc Dil Analyte 0.76 2.0 PQL ND UG/L 2 Methyl-tert-butyl ether (MTBE) Ethyl tert-butyl ether (ETBE) 2.0 PQL ND UG/L 2 0.60 UG/L 2 tert-Amyl methyl ether (TAME) 0.52 2.0 PQL ND 2 Di-isopropyl ether (DIPE) 0.74 2.0 PQL ND UG/L 2 PQL ND UG/L tert-Butyl alcohol (TBA) 4.8 20. UG/L 2 1,2-Dichloroethane 0.60 1.0 PQL ND 2 1,2-Dibromoethane 0.60 1.0 **PQL** ND UG/L 0.54 1.0 PQL 1.71 UG/L 2 Benzene Toluene 0.50 1.0 PQL 1.13 UG/L 2 0.50 1.0 PQL ND UG/L 2 Ethylbenzene **Xylenes PQL** 4.00 UG/L 2 0.50 1.0 SURROGATE AND INTERNAL STANDARD RECOVERIES: 99% 4-Bromofluorobenzene 86-118 SLSA Toluene-d8 88-110 SLSA 98% 100% Dibromofluoromethane 86-118 SLSA

approved by: 4 4 4 4 5 Date: 2/5/10

Page: 12

Project Name:

1735 24TH ST.

Analysis:

CALUFT Method for Gasoline Range Organics

Project No:

029

Method: CATPH-G

Prep Meth: SW5030B

Field ID:

MW-1

Lab Samp ID: 5508-1

Descr/Location:

MW-1

Rec'd Date:

02/02/2010

Sample Date:

02/02/2010

02/03/2010

Sample Time:

1215

Prep Date:

Analysis Date: 02/03/2010

Matrix:

Water

QC Batch:

02032010

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

94%

Approved by: Usland

Page: 13

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:
 5508-2

 Descr/Location:
 MW-2
 Rec'd Date:
 02/02/2010

 Sample Date:
 02/02/2010
 Prep Date:
 02/03/2010

Sample Time: 1040 Analysis Date: 02/03/2010 Matrix: QC Batch: 02032010

Basis: Not Filtered Notes:

Note Analyte **Det Limit** Rep Limit Result Units Pvc Dil 0.040 Gasoline Range Organics (C5-C12) 0.100 **PQL** 2.2 MG/L 2 SURROGATE AND INTERNAL STANDARD RECOVERIES: 115% 4-Bromofluorobenzene 65-135 SLSA

Approved by:

4-Bromofluorobenzene

Page: 14

100%

Project Name: 1735 24TH ST. Analysis: CA LUFT Method for Gasoline Range Organics CATPH-G Project No: 029 Method: Prep Meth: SW5030B Lab Samp ID: 5508-3 Field ID: MW-3 Descr/Location: MW-3 Rec'd Date: 02/02/2010 Sample Date: 02/01/2010 Prep Date: 02/03/2010 Sample Time: 1233 Analysis Date: 02/03/2010 Matrix: Water QC Batch: 02032010 Basis: Not Filtered Notes: Result Pvc Dil Analyte **Det Limit** Rep Limit Note Units Gasoline Range Organics (C5-C12) 0.04 0.05 PQL 0.25 MG/L 1 SURROGATE AND INTERNAL STANDARD RECOVERIES:

65-135 SLSA

Approved by: 4 4 4 5 Date: 2/5/10

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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-1

Lab Samp ID: 5508-4

Descr/Location:

VRW-1

Rec'd Date:

02/02/2010

Sample Date:

02/02/2010

Prep Date:

02/03/2010

Sample Time:

0950

Analysis Date: 02/03/2010

Matrix:

Water

QC Batch:

02032010

Basis:

Not Filtered

Notes:

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil		
Gasoline Range Organics (C5-C12)	0.04	0.05 P	QL		0.90	MG/L	1		
SUPPOCATE AND INTERNAL STANDARD RECOVERIES:									

4-Bromofluorobenzene

65-135 SLSA

111%

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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: 5508-5

Descr/Location:

VRW-2

Rec'd Date:

02/02/2010

Sample Date:

02/02/2010

Prep Date:

02/03/2010

Sample Time:

1252

Analysis Date: 02/03/2010

Matrix:

Water

QC Batch:

02032010

Basis:

Not Filtered

Notes:

	Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil	
Ì	Gasoline Range Organics (C5-C12)	0.020	0.050 PQL		1.9	MG/L	1	

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene

65-135 SLSA

87%

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William M.

-85g - 500 mm = 1

Page: 17

Project Name: 1735 24TH ST. CA LUFT Method for Gasoline Range Organics Analysis: Project No: 029 Method: CATPH-G Prep Meth: SW5030B Field ID: VRW-3 Lab Samp ID: 5508-6 Descr/Location: VRW-3 Rec'd Date: 02/02/2010 Sample Date: 02/02/2010 Prep Date: 02/04/2010 Sample Time: 1135 Analysis Date: 02/04/2010 Matrix: Water QC Batch: 02032010 Basis: Not Filtered Notes: **Det Limit** Note Result Units Pvc Dil Analyte

Analyte Det Limit Rep Limit Note Result Units Pvc Dil
Gasoline Range Organics (C5-C12) 0.04 0.05 PQL 0.28 MG/L 1
SURROGATE AND INTERNAL STANDARD RECOVERIES:
4-Bromofluorobenzene 65-135 SLSA 88% 1

Page: 18

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: 5508-7

Descr/Location:

VRW-4

Rec'd Date:

02/02/2010

Sample Date:

02/01/2010

Prep Date:

02/04/2010

Sample Time:

1315 Water Analysis Date: 02/04/2010 QC Batch:

02032010

Matrix: Basis:

Not Filtered

Notes:

Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.100	0.250 PQL		25	MG/L	5

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene

- J. - #1.

65-135 SLSA

105%~

William .

Date:

Page: 19

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: 5508-8

Descr/Location:

VRW-6

Rec'd Date:

02/02/2010

Sample Date:

02/01/2010

02/04/2010

Sample Time:

1122

Prep Date:

Analysis Date: 02/04/2010

Matrix:

Water

QC Batch:

02032010

Note

Basis:

Not Filtered

Notes:

Analyte Gasoline Range Organics (C5-C12) Det Limit 0.04

Rep Limit 0.05 **PQL**

Pvc Dil Result Units 0.32 MG/L 1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene

65-135 SLSA

90%

Walliam of Approved by: _

Page: 20

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: 5508-9

Descr/Location:

VRW-7

Rec'd Date:

02/02/2010

Sample Date:

02/01/2010

Prep Date:

02/04/2010

Sample Time:

1200

Analysis Date: 02/04/2010

Matrix:

Water

QC Batch:

02032010

Basis:

Not Filtered

Notes:

Analyte	Det Limit	Rep Limit	t .	Note	Result	Units	Pvc Dil	
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		0.62	MG/L	1	

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene

65-135 SLSA

117%

Wallson H

Page: 21

Project Name: Project No:	1735 24TH ST. 029		Analysis: C/ Method: C/ Prep Meth: S\	or Gasoline	Range	Organics		
Field ID:	VRW-8		Lab Samp ID:	5508-10				
Descr/Location:	VRW-8		Rec'd Date:	02/02/2010				
Sample Date:	02/01/2010		Prep Date:	02/04/2010				
Sample Time:	1415		Analysis Date:	02/04/2010				
Matrix:	Water		QC Batch:	02032010				
Basis:	Not Filtered		Notes:					
Analyte		Det Limit	Rep Limit	Note	Result	Units	Pvc Dil	
Gasoline Range	Organics (C5-C12)	0.040	0.100 PQL		1.8	MG/L	2	
SURROGATE A	ND INTERNAL STAND	ARD RECOV	ERIES:)				
4-Bromofluorobe	nzene		65-135 SLSA		110%			1

Bace Analytical, Windsor, CA

Lab Report No.: 5508 Date: 02/04/2010

CA LUFT Method for Gasoline Range Organics

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Project Name: 1735 24TH ST. Analysis: 029 Method: CATPH-G

Project No: Prep Meth: SW5030B

Field ID: VRW-9 Lab Samp ID: 5508-11 Descr/Location: VRW-9 Rec'd Date: 02/02/2010

Sample Date: 02/01/2010 Prep Date: 02/04/2010 Sample Time: 1510 Analysis Date: 02/04/2010 Matrix: Water QC Batch: 02032010

Notes: Basis: Not Filtered

Pvc Dil Det Limit Rep Limit Note Result Units Analyte 0.020 0.050 0.95 MG/L Gasoline Range Organics (C5-C12) PQL 1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene 65-135 SLSA 117%

Walley H Approved by:

QA/QC Report Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 5508 Date: 02/04/2010

Page: 23

QC Batch:

02032010

Analysis:

CA LUFT Method for Gasoline Range

Method:

Matrix:

Water

CATPH-G

Lab Samp ID: 5508MB

Analysis Date: 02/03/2010

Prep Meth: SW5030B Prep Date: 02/03/2010

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	
CLIDDOCATE AND INTERNAL STAND	ADD DECOV	EDIEC.	************************					

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene

65-135 SLSA

102%

QA/QC Report Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 5508 Date: 02/04/2010

Page: 24

QC Batch:

02032010

Matrix:

Water

Lab Samp ID: 5508MS

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:

5507-5

	Analysis	Spike	Spike Level		Spike Result		% R	% Recoveries			Accept Crite		
Analyte	Method	MS	DMS	Result	MS	DMS	Units	MS	DMS I	RPD	% R	ec	RPD
Gasoline Range Organics (C5-C12)	CATPH-G	0.500	0.500	ND	0.410	0.450	MG/L	82.0	90.0	9.3	140-60	MSA	25MSP
4-Bromofluorobenzene	CATPH-G	100.	100.	100.	101.	109.	PERCENT	101	109	7.6	135-65	SLSA	20SLSP

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QA/QC Report Method Blank Summary

Bace Analytical, Windsor, CA

Page: 25 Lab Report No.: 5508 Date: 02/04/2010

QC Batch: 20100203 Analysis: VOCs by GC/MS Fuel Additives Plus BTEX

Matrix: Water Method: 8260FAB Lab Samp ID: 5508MB Prep Meth: SW5030B Analysis Date: 02/03/2010 Prep Date: 02/03/2010

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 STAND	ARD RECOV	ERIES:					
4-Bromofluorobenzene		86-118	SLSA		106%		1
Toluene-d8		88-110	SLSA		104%		1
Dibromofluoromethane		86-118	SLSA		103%		1

QA/QC Report Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 5508 Date: 02/04/2010

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QC Batch:

20100203

Matrix:

Water Lab Samp ID: 5508MS

Basis:

Not Filtered

Project Name: 1735 24TH ST.

Project No.:

029

Field ID:

VRW-3

Lab Ref ID: 5508-6

	Analysis	Spik	e Level	Sample	Spike Result			% Recoveries		Acceptance Criteria			
Analyte	Method	MS	DMS	Result	MS	MS DMS		MS	MS DMS RPD		% Rec		RPD
1,2-Dibromoethane	8260FAB	10.0	10.0	ND	9.34	9.05	UG/L	93.4	90.5	3.2	130-70	MSA	20MSP
1,2-Dichloroethane	8260FAB	10.0	10.0	ND	9.47	9.24	UG/L	94.7	92.4	2.5	130-70	MSA	20MSP
Benzene	8260FAB	10.0	10.0	ND	8.41	8.17	UG/L	84.1	81.7	2.9	127-76	MSA	20MSP
Di-isopropyl ether (DIPE)	8260FAB	10.0	10.0	ND	9.60	9.34	UG/L	96.0	93.4	2.7	140-60	MSA	20MSP
Ethyl tert-butyl ether (ETBE)	8260FAB	10.0	10.0	ND	9.80	9.74	UG/L	98.0	97.4	0.61	140-60	MSA	20MSP
Ethylbenzene	8260FAB	10.0	10.0	ND	7.52	7.43	UG/L	75.2	74.3	1.2	130-70	MSA	20MSP
Methyl-tert-butyl ether (MTBE)	8260FAB	10.0	10.0	ND	10.7	10.5	UG/L	107	105	1.9	140-60	MSA	20MSP
Toluene	8260FAB	10.0	10.0	ND	7.70	7.95	UG/L	77.0	79.5	3.2	125-76	MSA	20MSP
Xylenes	8260FAB	30.0	30.0	ND	23.7	24.1	UG/L	79.0	80.3	1.6	130-70	MSA	25MSP
tert-Amyl methyl ether (TAME)	8260FAB	10.0	10.0	ND	10.3	9.90	UG/L	103	99.0	4.0	140-60	MSA	20MSP
tert-Butyl alcohol (TBA)	8260FAB	50.0	50.0	41.8	87.3	83.5	UG/L	91.0	83.4	8.7	140-60	MSA	25MSP
4-Bromofluorobenzene	8260FAB	100.	100.	106.	100.	107.	PERCENT	100	107	6.8	118-86	SLSA	20SLSP
Dibromofluoromethane	8260FAB	100.	100.	107.	98.	101.	PERCENT	98.0	101	3.0	118-86	SLSA	20 SLSP
Toluene-d8	8260FAB	100.	100.	108.	93.	95.	PERCENT	93.0	95.0	2.1	110-88	SLSA	20SLSP

Chain of Custody

Project #	N C	TO THE PERSON NAMED IN COLUMN 1	700000000000000000000000000000000000000	PARTIENCE STATE AND ADDRESS OF THE PARTIES AND A	estanoremensees	ioneuramumumo J	Analys	sis	24127EHATKIEDA (1222)									
29	Project Address 1734 24th Street, Oakland, CA											***************************************		AND TAXABLE		C.O.C. No. 12931		
BG No.	Sampler's Signature		istician delektristik polympus avan prosesportuses Polympus avan prosesportuses avan prosesportuses avan prosesportuses avan prosesportuses avan prosesportuses a	m t a i n	♠	2 4 7 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4		A CHARLES AND	PROPERTY METERS AND ASSESSMENT OF THE PROPERTY	***************************************		WGW/INTTTKALKTEAKNAAW-GOLIEKOW	PROPRIEMENTAL BURGETON COMPANY			Remarks:		
Date Sampled	Sample I.D.	Time (24 Hour)	Sample Type	e or fs		8 3 0		AND THE PROPERTY OF THE PROPER		OTTO THE PERSON SHAPE STATE OF THE PERSON SH		enter annue en en la company angles				SHA SERION ACTION OF THE PROPERTY OF THE PROPE		
2-2-10	May 1	1215	1.0	14		j.										5508-		
2-2-10	mw-2	1040			14	*			·							-2		
2-1-10	mw·3	1233	1		X	×												
2-2-10	<u> </u>	0950			×	7-		<u> </u>										
2.2.10	<u> </u>	1252		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 1	19/11										-5		
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2-1-10	VBW-4 V	1315		<u> </u>	y													
2-1-i0	VBW-6	1122		<u> </u>	\times	4										- Ž		
2-1-10	VEW 2	/200	<u> </u>	<u> </u>	L	<u> </u>								~~~				
2-1-10	VRW-3 Y	1415		!	*	Sylven							11			-10		
2-(-10	V8W-9 -	/5/0	Å.	A A	<i>y</i>	7									DATE OF THE PARTY	Careful de la ca		
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				O TOTAL CONTROL OF THE PARTY OF											COLUMN CO			
			**************************************	HARLES AND THE STREET														
Laboratory:	EPS			Pr	eserva	ation: A	(HCL)	B - HI	vO3; С) -((ce)) (Spe	ecify)	TAT:	: R;	(2-WK	Urgent; Immediate (Specify)		
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		(signed) 22 0 5 2							Secretary.	Bill (,068A	pgi byga ^r		P.O. Box 588				
Jaco, Carlo		K .								EDF				5468 Skylane Blvd., Suite 201				
		Law and the second								1obal ID	(Office	e Use	Only)	Santa Rosa, CA 95403				
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