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Brunsing Associates, Inc.

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Project No. 029.022

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

Alameda County
MAR 17 2005
Environmental Health

Groundwater Monitoring Report
December 2004
Pacific Supply Company
1735 24th Street
Oakland, California

Dear Mr. Hwang:

This correspondence has been prepared by Brunsing Associates, Inc. (BAI) to provide you with a report summarizing the fieldwork completed at the above-referenced site on December 8, 9 and 10, 2004, and the results of the laboratory analyses of the groundwater samples collected. The fieldwork was completed in accordance with the Alameda County Health Care Services Agency (ACHCSA) correspondence dated November 6, 2003.

Site Background

In May 1987, efforts were initiated to abandon a 1,000-gallon underground gasoline storage tank at Pacific Supply Company's West Oakland site. Soil and associated vapor samples from exploratory boreholes at the site were analyzed by gas chromatography carried out by CHIPS Environmental Consultants and Anatec Laboratories (Plate 2). 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 a 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 also 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 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 eight 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 a two-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 were drilled as part of this investigation (B-1 through B-10) to a depth of approximately seven to ten feet bgs (Plate 2). From each boring, one soil sample was retained from a depth of approximately seven to eight 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 first groundwater occurred, at approximately seven 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 3 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 includes the historical boring and sampling locations. Groundwater elevations and flow direction for December 2004 are provided on Plate 3.

Scope of Work

The scope of work performed for this sampling event included collecting groundwater samples for laboratory analysis from monitoring wells MW-1 through MW-3, and vapor extraction wells VRW-1 through VRW-9. The groundwater sampling was completed on December 8, 9, and 10, 2004. Prior to sampling, groundwater levels were also measured in the 12 wells. The groundwater sampling protocol and field logs are included in Appendix A. BACE Analytical & Field Services, Inc. (BAFS) analyzed the groundwater samples for total petroleum hydrocarbons (TPH) as gasoline by Test Method CATPH-G and for benzene, toluene, ethylbenzene, and xylenes by EPA Test Method 8021. The groundwater analytical report for the samples collected in December 2004 is presented in Appendix B.

Groundwater Flow Direction

Groundwater elevations and flow directions are presented on Plate 3. The groundwater flow direction was predominately to the west with the highest elevation observed in well VRW-3. The groundwater elevation measured in well VRW-6 was slightly higher than the adjacent wells, causing a local mounding effect in this area and local northeasterly to southwesterly groundwater flows. The groundwater gradient was approximately 0.021 foot per foot (ft/ft).

Discussion of Groundwater Analytical Results

The December 2004 groundwater data show that petroleum hydrocarbon concentrations in groundwater generally increased slightly in the southern portion of



the site (wells VRW-9, VRW-5, and VRW-3) and at well MW-2, concentrations generally remained the same or decreased in the wells in the remaining area of the site (wells VRW-1, VRW-2, VRW-4, VRW-6, VRW-7 and VRW-8). Historically, petroleum hydrocarbon concentrations have been significantly higher in well VRW-4 than the other site wells. December 2004 petroleum hydrocarbon concentrations in the groundwater sample collected from well VRW-4 decreased significantly compared to the June 2004 data. The December 2004 water sample from well VRW-4 contained 2.7 milligrams per liter (mg/l) of TPH as gasoline, 780 micrograms per liter ($\mu\text{g/l}$) of benzene, 68 $\mu\text{g/l}$ of toluene, 90 $\mu\text{g/l}$ of ethylbenzene, and 160 $\mu\text{g/l}$ of xylenes. Tables 1 and 2 present a summary of groundwater analytical data and groundwater elevations for the monitoring wells and vapor recovery wells, respectively.

Conclusion

BAI is currently waiting for the ACHCSA response to the January 31, 2005 report titled "Soil Parameters and Confirmation Soil Sampling Investigation Report". Groundwater sampling is currently scheduled for June 2005. A report summarizing the results of the June 2005 monitoring event will be provided after the analytical results have been obtained and reviewed by BAI.

If you should have any questions regarding this report, please contact Michelle Floyd Frederick or Diana Dickerson at (707) 838-3027.

Sincerely,



Michelle Floyd Frederick
Project Engineer



Diana M. Dickerson, R.G., R.E.A.
Principal 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, December 8, 2004

APPENDICES

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



TABLE 1. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR MONITORING WELLS
Pacific Supply Company, 1735 24th Street, Oakland, California

Well Name	Sampling Date	Depth to Groundwater (feet)	Groundwater Elevation (feet, MSL)	TPH as gasoline (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Lead (mg/L)	MTBE (µg/L)
MW-1	10/14/1988	7.99	0.88	1.1	1.1	ND	-	ND	-	-
MW-1	12/29/1989	7.74	1.13	ND	ND	ND	ND	ND	ND (1)	-
MW-1	5/28/1992	7.81	1.06	ND	ND	ND	ND	ND	0.003(2)	-
MW-1	9/3/1992	7.90	0.97	ND	ND	ND	ND	ND	0.12 (2)	-
MW-1	11/24/1992	7.90	0.97	ND	ND	ND	ND	ND	0.017 (2)	-
MW-1	3/9/1993	7.38	1.49	ND	ND	ND	ND	ND	ND (1)	-
MW-1	7/21/1993	7.68	1.19	ND	ND	ND	ND	ND	ND (1)	-
MW-1	11/3/1993	7.83	1.04	ND	ND	ND	ND	ND	ND (1)	-
MW-1	2/1/1994	7.30	1.57	ND	ND	ND	ND	ND	ND (1)	-
MW-1	6/2/1994	7.43	1.44	ND	ND	ND	ND	ND	ND (1)	-
MW-1	9/1/1994	7.70	1.17	ND	ND	ND	ND	ND	ND (1)	-
MW-1	12/13/1994	6.90	1.97	ND	ND	ND	ND	ND	-	-
MW-1	3/7/1995	7.30	1.57	0.06	3.8	ND	ND	ND	-	-
MW-1	6/9/1995	7.87	1.00	0.09	12	0.8	0.5	1.3	-	-
MW-1	9/21/1995	7.67	1.20	ND	4.1	ND	ND	ND	-	-
MW-1	12/18/1995	7.15	1.72	ND	ND	ND	ND	ND	-	-
MW-1	2/29/1996	6.74	2.13	0.09	1.4	0.5	ND	0.8	-	-
MW-1	7/15/1996	7.76	1.11	-	-	-	-	-	-	-
MW-1	1/7/1997	6.80	2.07	0.06	0.6	<0.5	<0.5	<0.5	-	-
MW-1	7/12/1997	7.67	1.20	-	-	-	-	-	-	-
MW-1	1/26/1998	6.93	1.94	<0.05	<0.5	<0.5	<0.5	1.1	-	-
MW-1	7/3/1998	7.51	1.36	-	-	-	-	-	-	-
MW-1	1/13/1999	7.63	1.24	<0.05	<0.5	<0.5	<0.5	<0.5	-	-
MW-1	9/27/1999	7.77	1.10	-	-	-	-	-	-	-
MW-1	1/28/2000	6.85	2.02	<0.05	<0.5	<0.5	<0.5	<0.5	-	<5.0
MW-1	5/16/2002	7.45	1.42	0.35	<0.5	<0.5	<0.5	<0.5	-	<1.0
MW-1	6/10/2003	7.32	4.15	<0.05	<0.5	<0.5	<0.5	<0.5	-	-
MW-1	11/19/2003	7.30	4.17	<0.050	<0.30	<0.30	<0.50	<0.50	-	-
MW-1	6/23/2004	7.49	3.98	0.37	<1.0	<1.0	<1.0	<1.0	-	-
MW-1	12/10/2004	6.27	5.20	<0.050	<0.5	<0.5	<0.5	<0.5	-	-



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Well Name	Sampling Date	Depth to Groundwater (feet)	Groundwater Elevation (feet, MSL)	TPH as gasoline (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Lead (mg/L)	MTBE (µg/L)
MW-2	10/14/1988	7.29	0.85	11	23	20	-	16	-	-
MW-2	12/29/1989	6.87	1.27	4	200	6.7	ND	ND	0.22 (1)	-
MW-2	5/28/1992	6.92	1.22	8.9	550	48	ND	13	ND (2)	-
MW-2	9/3/1992	7.26	0.88	2.1	760	6.2	1.8	5.1	0.006 (2)	-
MW-2	11/24/1992	7.28	0.86	4.2	370	15	3.4	9.5	ND (2)	-
MW-2	3/9/1993	6.73	1.41	4.3	280	14	3.7	7.1	ND (1)	-
MW-2	7/21/1993	7.02	1.12	3.4	250	9.6	2.5	11	ND(1)	-
MW-2	11/4/1993	7.22	0.92	2.5	230	7.8	2.1	9.9	ND(1)	-
MW-2	2/1/1994	6.93	1.21	3.4	240	17	ND	15	ND(1)	-
MW-2	6/2/1994	6.86	1.28	3.0	150	9.8	3.0	10	ND(1)	-
MW-2	9/1/1994	7.10	1.04	2.1	120	9.8	2.0	9.6	ND(1)	-
MW-2	12/13/1994	6.58	1.56	2.0	200	10	2.7	11	-	-
MW-2	3/7/1995	6.69	1.45	3.0	500	15	5.8	16	-	-
MW-2	6/9/1995	7.00	1.14	2.1	300	14	5.8	13	-	-
MW-2	9/21/1995	6.91	1.23	1.6	120	9.6	ND	15	-	-
MW-2	12/18/1995	6.73	1.41	2.8	120	16	5.2	19	-	-
MW-2	2/29/1996	6.36	1.78	1.7	170	15	2.9	17	-	-
MW-2	7/15/1996	7.11	1.03	2.8	160	22	3.5	17	-	-
MW-2	1/7/1997	6.40	1.74	3.0	350	25	8.1	24	-	-
MW-2	7/12/1997	6.98	1.16	2.1	55	11	<2.5	18	-	-
MW-2	1/26/1998	6.45	1.69	1.8	310	29	5.0	15	-	-
MW-2	7/3/1998	6.91	1.23	1.9	85	9.3	1.8	17	-	-
MW-2	1/13/1999	7.07	1.07	2.1	48	33	2.0	16	-	-
MW-2	9/27/1999	7.22	0.92	1.5	20	6.8	2.6	11	-	-
MW-2	1/28/2000	6.61	1.53	1.3	22	6.4	1.5	11	-	<5.0
MW-2	5/17/2002	6.95	1.19	3.3	25.4	<5.0	<5.0	<5.0	-	<10
MW-2	6/10/2003	6.71	4.09	1.6	52	2.3	32	9.1	-	-
MW-2	11/19/2003	6.95	3.85	3.7	9.7	<1.1	<1.1	7.5	-	-
MW-2	6/23/2004	6.96	3.84	1.1	6.30	2.36	<1.0	7.41	-	-
MW-2	12/9/2004	6.54	4.26	3.0	13.0	13.0	<0.5	24	-	-



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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)	-
MW-3	9/1/1994	7.83	1.30	0.07	1.7	0.9	ND	ND	ND(1)	-
MW-3	12/13/1994	7.07	2.06	0.06	1.4	ND	ND	ND	-	-
MW-3	3/8/1995	7.27	1.86	0.06	1.5	ND	ND	ND	-	-
MW-3	6/9/1995	7.79	1.34	0.10	5.7	ND	ND	ND	-	-
MW-3	9/21/1995	7.87	1.26	ND	1.5	ND	ND	ND	-	-
MW-3	12/18/1995	7.30	1.83	ND	1.3	ND	ND	ND	-	-
MW-3	2/29/1996	6.84	2.29	ND	2.1	0.6	ND	0.7	-	-
MW-3	7/15/1996	7.79	1.34	-	-	-	-	-	-	-
MW-3	1/7/1997	6.62	2.51	0.05	1.0	<0.5	<0.5	<0.5	-	-
MW-3	7/12/1997	7.83	1.30	-	-	-	-	-	-	-
MW-3	1/26/1998	6.60	2.53	<0.05	0.8	<0.5	<0.5	<0.5	-	-
MW-3	7/3/1998	7.48	1.65	-	-	-	-	-	-	-
MW-3	1/13/1999	7.63	1.50	<0.05	<0.5	<0.5	<0.5	<0.5	-	-
MW-3	9/27/1999	7.94	1.19	-	-	-	-	-	-	-
MW-3	1/28/2000	7.12	2.01	<0.05	<0.5	<0.5	<0.5	<0.5	-	<5.0
MW-3	6/5/2003	7.53	4.23	<0.05	<0.5	<0.5	<0.5	<0.5	-	-
MW-3	11/19/2003	7.83	3.93	0.16	<0.54	<0.54	<0.55	<1.6	-	-
MW-3	6/23/2004	7.65	4.11	<0.05	<1.0	<1.0	<1.0	<1.0	-	-
MW-3	12/8/2004	7.53	4.23	<0.050	<0.5	<0.5	<0.5	<0.5	-	-



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MW-4	10/14/1988	8.33	0.74	4.6	1.2	ND	-	2.2	-	-
MW-4	12/29/1989	8.08	0.99	0.5	0.7	ND	ND	ND	ND (1)	-
MW-4	5/28/1992	8.19	0.88	0.27	8.8	1	ND	3.2	0.030 (2)	-
MW-4	9/3/1992	8.37	0.70	0.20	4.5	4.4	ND	1.9	0.022 (2)	-
MW-4	11/24/1992	8.28	0.79	0.14	3.2	3.2	ND	1.0	0.005 (2)	-
MW-4	3/9/1993	7.98	1.09	0.47	10	ND	ND	2.5	ND (1)	-
MW-4	7/21/1993	8.17	0.90	0.28	4.4	5.9	ND	ND	ND(1)	-
MW-4	11/4/1993	8.14	0.93	0.08	1.3	1.6	ND	ND	ND(1)	-
MW-4	2/1/1994	7.79	1.28	0.08	ND	ND	ND	ND	ND(1)	-
MW-4	6/2/1994	7.53	1.54	0.30	3.1	2.9	ND	0.8	ND(1)	-
MW-4	9/1/1994	7.69	1.38	0.12	1.6	ND	ND	ND	ND(1)	-
MW-4	12/13/1994	6.70	2.37	ND	ND	ND	ND	ND	-	-
MW-4	3/8/1995	6.83	2.24	0.09	ND	ND	ND	ND	-	-
MW-4	6/9/1995	7.66	1.41	0.19	ND	ND	ND	ND	-	-
MW-4	9/21/1995	7.93	1.14	0.09	ND	ND	ND	ND	-	-
MW-4	12/18/1995	6.98	2.09	-	-	-	-	-	-	-
MW-4	2/29/1996	6.54	2.53	0.14	1.6	1.0	ND	0.6	-	-
MW-4	7/15/1996	7.74	1.33	-	-	-	-	-	-	-
MW-4	1/7/1997	6.46	2.61	0.09	1.0	0.5	<0.5	<0.5	-	-
MW-4	7/12/1997	7.82	1.25	-	-	-	-	-	-	-
MW-4	1/26/1998	6.67	2.40	0.09	1.1	0.8	<0.5	<0.5	-	-
MW-4	7/3/1998	7.45	1.62	-	-	-	-	-	-	-
MW-4	1/13/1999	7.51	1.56	0.12	1.1	0.62	<0.5	0.57	-	-
MW-4	9/27/1999	7.88	1.19	-	-	-	-	-	-	-
MW-4	1/28/2000	6.73	2.34	0.072	<0.5	<0.5	<0.5	<0.5	-	<5.0



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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)	-
MW-5	11/24/1992	7.75	1.18	ND	ND	ND	ND	ND	0.011 (2)	-
MW-5	3/9/1993	6.91	2.02	ND	ND	ND	ND	ND	ND (1)	-
MW-5	7/21/1993	7.57	1.36	ND	ND	ND	ND	ND	ND(1)	-
MW-5	11/4/1993	7.77	1.16	ND	ND	ND	ND	ND	ND(1)	-
MW-5	2/1/1994	7.05	1.88	ND	ND	ND	ND	ND	ND(1)	-
MW-5	6/2/1994	7.18	1.75	ND	ND	ND	ND	ND	ND(1)	-
MW-5	9/1/1994	7.53	1.40	ND	ND	ND	ND	ND	-	-
MW-5	3/8/1995	6.67	2.26	ND	ND	ND	ND	ND	-	-
MW-5	6/9/1995	7.33	1.60	ND	ND	ND	ND	ND	-	-
MW-5	9/21/1995	7.67	1.26	ND	ND	ND	ND	ND	-	-
MW-5	12/18/1995	6.62	2.31	-	-	-	-	-	-	-
MW-5	2/29/1996	6.16	2.77	ND	ND	ND	ND	ND	-	-
MW-5	7/15/1996	7.47	1.46	-	-	-	-	-	-	-
MW-5	1/7/1997	6.11	2.82	<0.05	<0.5	<0.5	<0.5	<0.5	-	-
MW-5	7/12/1997	7.61	1.32	-	-	-	-	-	-	-
MW-5	1/26/1998	6.17	2.76	<0.05	<0.5	<0.5	<0.5	<0.5	-	-
MW-5	7/3/1998	7.23	1.70	-	-	-	-	-	-	-
MW-5	1/13/1999	7.27	1.66	<0.05	<0.5	<0.5	<0.5	<0.5	-	-
MW-5	9/27/1999	7.76	1.17	-	-	-	-	-	-	-
MW-5	1/28/2000	6.43	2.50	<0.05	<0.5	<0.5	<0.5	<0.5	-	<5.0



TABLE 1. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR MONITORING WELLS
 Pacific Supply Company, 1735 24th Street, Oakland, California

Well Name	Sampling Date	Depth to Groundwater (feet)	Groundwater Elevation (feet, MSL)	TPH as gasoline (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Lead (mg/L)	MTBE (µg/L)
MW-6	12/29/1989	5.02	1.11	1.1	5.4	4.5	ND	ND	ND (1)	-
MW-6	3/9/1993	5.10	1.03	2.3	2.3	2.8	ND	3.1	ND (1)	-
MW-6	7/21/1993	5.23	0.90	0.59	ND	7.6	ND	ND	ND(1)	-
MW-6	11/4/1993	5.25	0.88	1.5	ND	1.2	ND	0.7	ND(1)	-
MW-6	2/1/1994	5.05	1.08	1.9	2.5	3.9	1.6	1.1	ND(1)	-
MW-6	6/2/1994	4.49	1.64	1.3	ND	1	ND	ND	ND(1)	-
MW-6	9/1/1994	4.53	1.60	2.2	ND	1.7	ND	ND	ND(1)	-
MW-6	12/13/1994	4.27	1.86	0.66 (3)	ND	ND	ND	ND	-	-
MW-6	3/8/1995	3.37	2.76	1.0 (3)	ND	ND	ND	ND	-	-
MW-6	6/9/1995	4.40	1.73	1.5	ND	3.3	ND	ND	-	-
MW-6	9/21/1995	4.69	1.44	0.28	ND	ND	ND	ND	-	-
MW-6	12/18/1995	4.42	1.71	-	-	-	-	-	-	-



TABLE 1. SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR MONITORING WELLS
Pacific Supply Company, 1735 24th Street, Oakland, California

Well Name	Sampling Date	Depth to Groundwater (feet)	Groundwater Elevation (feet, MSL)	TPH as gasoline (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Lead (mg/L)	MTBE (µg/L)
MW-7	12/29/1989	8.35	-3.32	ND	ND	ND	ND	ND	0.235 (1)	-
MW-7	3/9/1993	13.60	-8.57	ND	ND	ND	ND	ND	ND (1)	-
MW-7	7/21/1993	12.59	-7.56	ND	ND	ND	ND	ND	ND(1)	-
MW-7	11/4/1993	9.84	-4.81	ND	ND	ND	ND	ND	ND(1)	-
MW-7	2/1/1994	10.38	-5.35	ND	ND	ND	ND	ND	ND(1)	-
MW-7	6/2/1994	10.10	-5.07	ND	ND	ND	ND	ND	ND(1)	-
MW-7	9/1/1994	9.63	-4.60	ND	ND	ND	ND	ND	ND(1)	-
MW-7	12/13/1994	11.27	-6.24	ND	ND	ND	ND	ND	-	-
MW-7	3/7/1995	9.68	-4.65	ND	ND	ND	ND	ND	-	-
MW-7	6/9/1995	9.37	-4.34	ND	ND	ND	ND	ND	-	-
MW-7	9/21/1995	9.43	-4.40	ND	ND	ND	ND	ND	-	-
MW-7	12/18/1995	13.28	-8.25	-	-	-	-	-	-	-
MW-7	2/29/1996	11.70	-6.67	ND	ND	ND	ND	ND	-	-
MW-7	7/15/1996	11.12	-6.09	-	-	-	-	-	-	-
MW-7	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	-	-	-	-	-	-	-
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	10.91	-5.88	<0.05	<0.5	<0.5	<0.5	<0.5	-	<5.0

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

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

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

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

MSL = mean seal level.

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

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

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

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

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

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



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

Sample ID	Sample Collection 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)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Other Oxygenates & Lead Scavengers (µg/L)
VRW-1	11/3/1993	-	-	-	3	1600	19	1.1	16	-	-
VRW-1	6/10/2003	7.31	11.18	3.87	0.44	5.9	<0.5	<0.5	1.9	-	-
VRW-1	11/19/2003	7.33	11.18	3.85	1.2	19	<0.54	<0.55	6.3	-	-
VRW-1	6/22/2004	7.32	11.18	3.86	0.32	3.23	<1.0	<1.0	3.36	-	-
VRW-1	12/9/2004	6.93	11.18	4.25	0.32	8.0	<3	<3	3.7	-	-
VRW-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-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-4	11/4/1993	-	-	-	9.0	4,400	900	5.4	990	-	-
VRW-4	5/15/2002	-	-	-	11	4,270	741	512	1,130	<50	<25 to <50
VRW-4	6/5/2003	7.01	11.33	4.32	2.2	1,200	100	12	89	-	-
VRW-4	11/19/2003	7.44	11.33	3.89	1.7	210	2.4	<2.2	36	-	-
VRW-4	6/22/2004	7.20	11.33	4.13	14	4,540	611	739	1,170	-	-
VRW-4	12/8/2004	6.99	11.33	4.34	2.7	780	68	90	160	-	-
VRW-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	-	-



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

Sample ID	Sample Collection 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)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Other Oxygenates & Lead Scavengers (µg/L)
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-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	11.7	4.16	0.34	28	<3	<3	5.0	-	-
VRW-8	11/4/1993	-	-	-	5.9	460	54	ND	53	-	-
VRW-8	5/16/2002	-	-	-	3.3	248	16.0	<10	<10	<20	<10 to <20
VRW-8	6/6/2003	7.42	11.62	4.20	1.8	70	10	11	6.1	-	-
VRW-8	11/19/2003	7.85	11.62	3.77	3.6	36	<2.7	<2.7	4.3	-	-
VRW-8	6/23/2004	7.56	11.62	4.06	2.1	115	11.8	<5.0	18.2	-	-
VRW-8	12/9/2004	7.41	11.62	4.21	1.3	30	9.0	<3	7.6	-	-
VRW-9	11/4/1993	-	-	-	0.47	36	18	ND	1.0	-	-
VRW-9	5/16/2002	-	-	-	0.080	0.990	2.00	<0.50	5.93	<1.0	<0.50 to <1.0
VRW-9	6/6/2003	7.67	11.87	4.20	0.58	10	4.4	4.9	<0.50	-	-
VRW-9	11/19/2003	8.01	11.87	3.86	0.86	<1.1	<1.1	<1.1	5.5	-	-
VRW-9	6/22/2004	7.76	11.87	4.11	0.61	<1.0	1.35	<1.0	5.55	-	-
VRW-9	12/9/2004	7.51	11.87	4.36	0.57	8.8	10	<0.5	5.5	-	-

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.





© 1999 DeLorme Yarnmouth, ME 04096 Source Data: USGS 760 ft Scale: 1 : 24,000 Detail: 1:10 Datum: NAD27



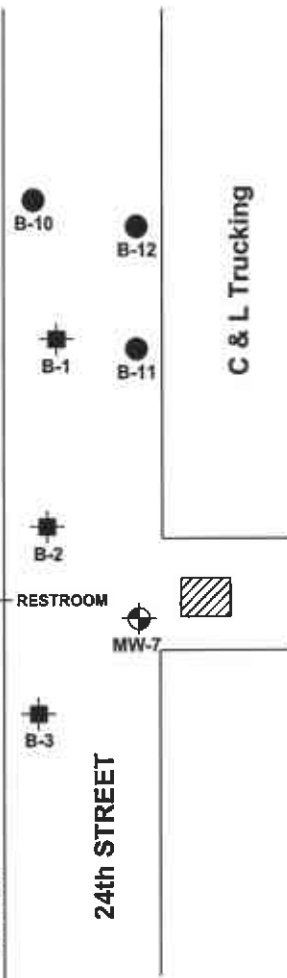
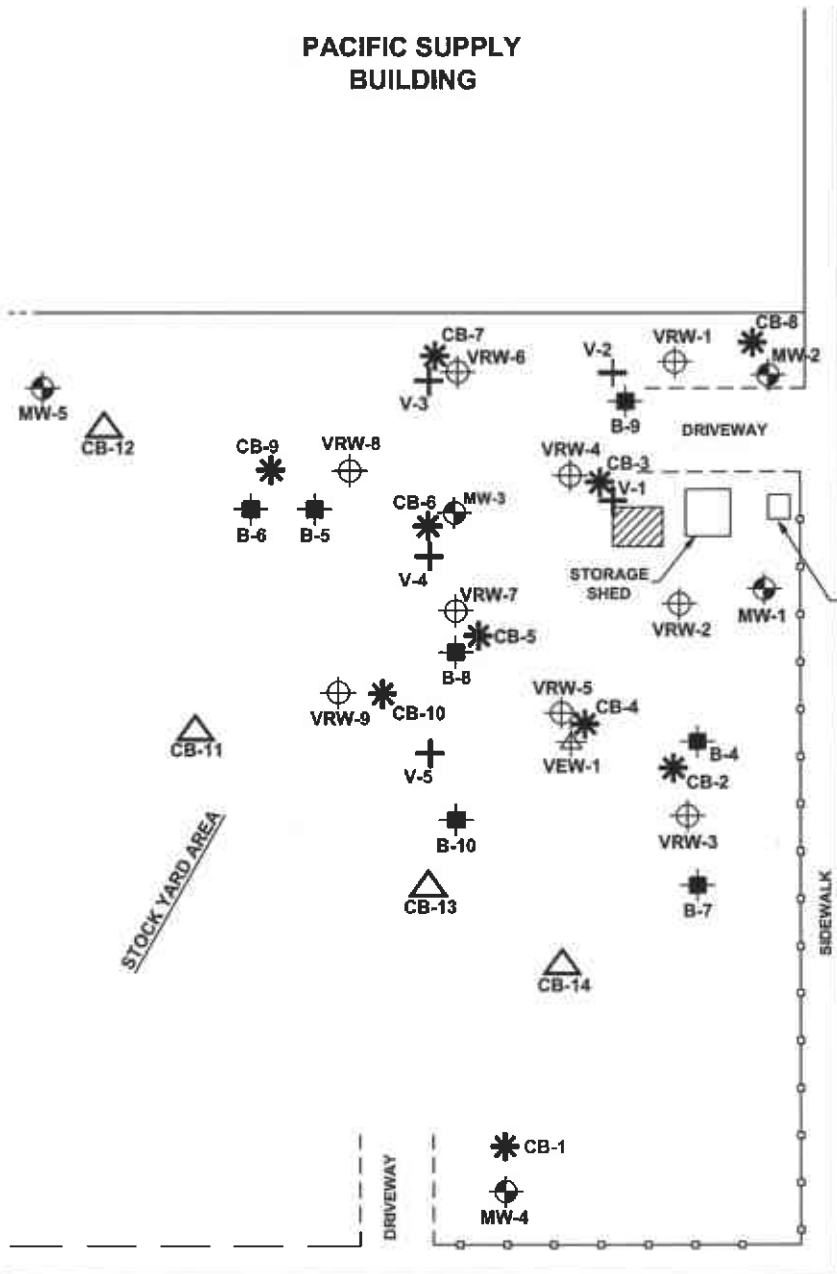
Brunsing Associates, Inc.
 5803 Skylane Blvd., Suite A
 Windsor, California 95492
 Tel: (707) 838-3027

Job No.: 029 2
 Appr:
 Date: 1/8/04

VICINITY MAP
PACIFIC SUPPLY COMPANY
 Oakland, California

PLATE
1

PACIFIC SUPPLY BUILDING



LEGEND

- MW-6 Monitoring Well Location and Number
- VRW-9 Vapor Recovery Well Location and Number
- B-12 Soil Boring Location and Number (August 2000)
- B-10 Soil Boring Location and Number (March 1993)
- VEW-1 Vapor Extraction Well Location and Number
- V-5 Soil Gas Sampling Location and Number
- CB-10 Soil Confirmation Boring Location and Number (July 2004)
- CB-14 Soil Parameters Sample Location and Number (July 2004)
- Former UST Locations

Yellow Cab



APPROXIMATE SCALE (FEET)



Brunings Associates, Inc.
 5803 Skylane Blvd., Suite A
 Windsor, California 95492
 Tel: (707) 838-3027

Job No.: 29

Appr.: *[Signature]*

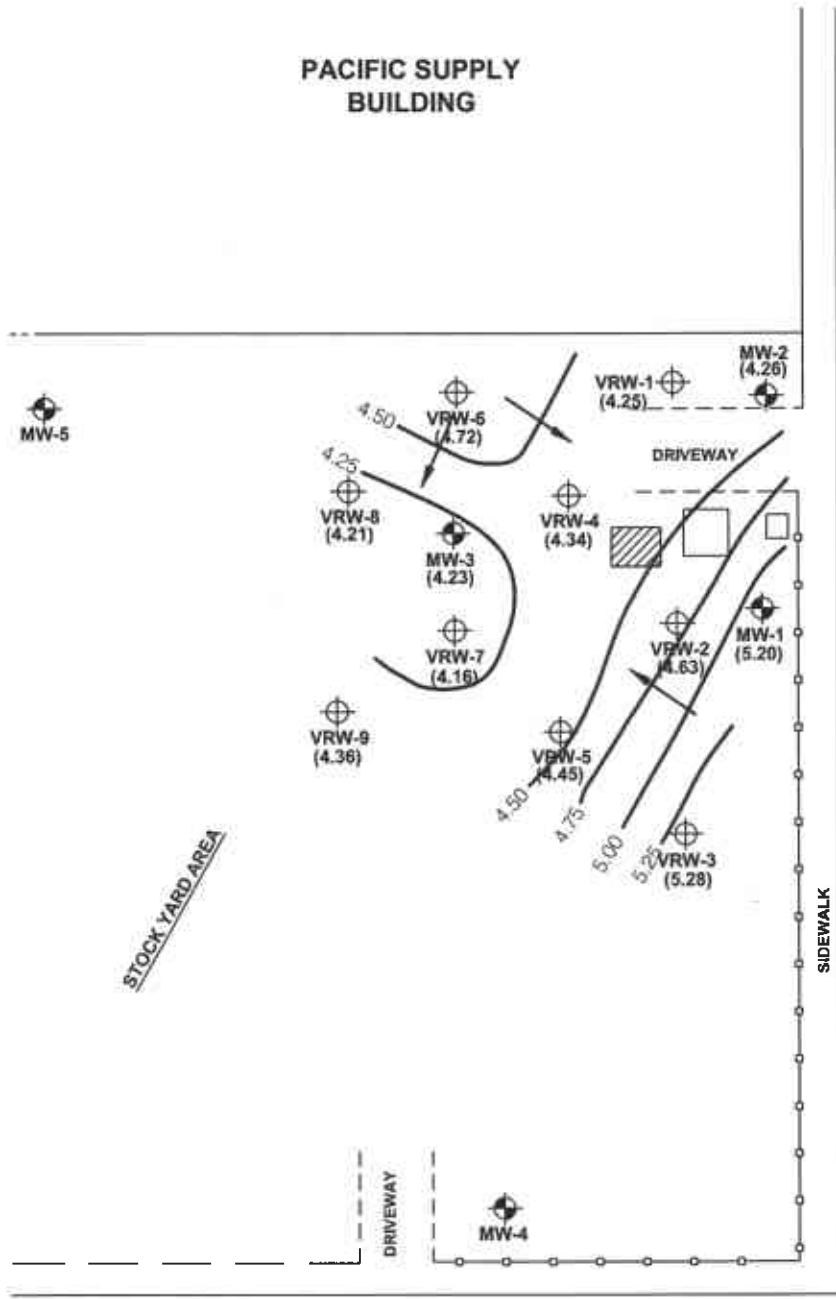
Date: 12/7/04

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

PLATE

2

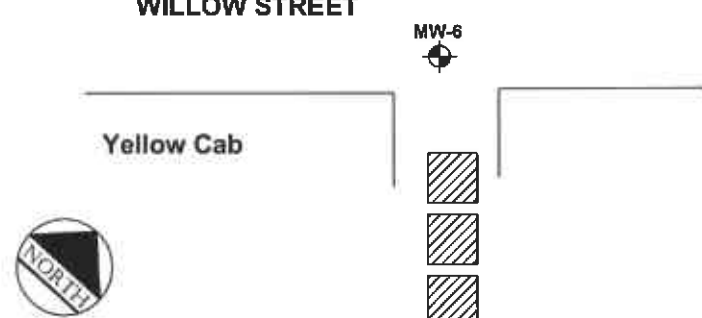
PACIFIC SUPPLY BUILDING



C & L Trucking

24th STREET

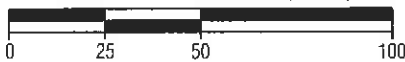
WILLOW STREET



LEGEND

- MW-6 (4.23) Monitoring Well Location and Number with Groundwater Elevation in feet above Mean Sea Level (MSL)
- VRW-9 (4.22) Vapor Recovery Well Location and Number with Groundwater Elevation in feet above MSL
- 4.2 Groundwater Contour Line in feet above MSL
- Groundwater Flow Direction
- Former UST Locations

APPROXIMATE SCALE (FEET)



Brunsing Associates, Inc.
 5803 Skylane Blvd., Suite A
 Windsor, California 95492
 Tel: (707) 838-3027

Job No.: 29
 Apr.: *MET*
 Date: 3/5/05

GROUNDWATER ELEVATIONS

DECEMBER 8, 2004

PACIFIC SUPPLY COMPANY
 1734 24th Street
 Oakland, California

PLATE

3

APPENDIX A
Monitoring Well Sampling Protocol and Field Reports



Groundwater Sampling Protocol

Monitoring Wells

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

After the water level and floating product measurements are complete, the monitoring well is purged until a minimum of three casing volumes of water are removed, water is relatively clear of sediment, and pH, conductivity, and temperature measurements of the water become relatively stable. 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 labelled 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.



UST Fund Site: Yes No

FIELD REPORT

PAGE 1 OF 4

JOB NO: 29.027 PROJECT: PACIFIC SUPPLY
 INITIAL: CDS SUBJECT: 1755 24TH STREET, OAKLAND, CA
 DATE: 12-8-04 SUBJECT: GROUNDWATER SAMPLING
 PROJECT PHASE NUMBER: 04
 VEHICLE USED: S-10

Total Time: 10.75
 End. Mileage: 7737
 Beg. Mileage: 7675

TOTAL MILEAGE: 62

<u>0539</u>	<u>LOAD EQUIPMENT AND SUPPLIES</u>
<u>0623</u>	<u>TO SITE</u>
<u>0845</u>	<u>ARRIVE AT SITE.</u>
	<u>SET-UP FOR GROUNDWATER SAMPLING.</u>
	<u>ACCESSED ALL WELLS</u>
	<u>MEASURED TWO-FOOT DISTANCE TO WATER AT WELLS MW-1,</u>
	<u>MW-2, MW-3, VRW-1, VRW-2, VRW-3, VRW-4, VRW-5, VRW-6,</u>
	<u>VRW-7, VRW-8 AND VRW-9</u>
	<u>PERFORMED SAMPLING AT WELLS MW-3 AND VRW-4.</u>
	<u>STORED PLUMEWATER IN DRUMS LOCATED IN THE FORMER REMEDIATION</u>
	<u>SYSTEM COMPOUND AREA.</u>
	<u>CLOSED ALL WELLS AND MONUMENTS</u>
	<u>DECON SAMPLING EQUIPMENT.</u>
	<u>LOAD EQUIPMENT AND SUPPLIES.</u>
<u>1537</u>	<u>LEAVE SITE.</u>
	<u>TRAVEL AND COMPLETED FIELD NOTES</u>
<u>1624</u>	<u>FINISHED WITH WORK.</u>

DRUM COUNT:	
Water =	Decon Water =
Soil =	

**BRUNING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION
WELL SAMPLING**

SHEET 3 OF 4

PROJECT: PACIFIC SUPPLY

PROJECT NUMBER: 29.027

WELL # MW-3

PRECIP. IN LAST 5 DAYS:

WIND

DATE: 12-8-04

STARTING TIME: 1412

FINISHING TIME: 1508

INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: - D.T.W. = H2O COLUMN: X 0.5 =

4" WELL DEPTH: - D.T.W. = H2O COLUMN: X 2.0 =

THEREFORE TOTAL PURGE GALLONS EQUALS

G
A
L
L
O
N
S

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	^{NS} CONDUCTIVITY	TEMP.	OBSERVATIONS
1425	1	8.99	3.93 mS	18.4	CLEAR ORANGE-BROWN, ORGANIC ODOR
1428	2.5	9.06	3.94 mS	18.4	CLEAR ORANGE-BROWN, ORGANIC ODOR
1432	4	9.00	3.96 mS	18.6	CLEAR ORANGE-BROWN, ORGANIC ODOR

SAMPLING:

SAMPLE ANALYSIS:

SAMPLE TIME:

DID WELL GO DRY?

WATER LEVELS:

NOTES:

TIME	D.T.W.	
1453	8.29	

**BRUNSG ASSOCIATES, INC.
ENVIRONMENTAL DIVISION
WELL SAMPLING**

SHEET 4 OF 4

PROJECT: PACIFIC SUPPLY

PROJECT NUMBER: 29.027

WELL # VRW-4 PRECIP. IN LAST 5 DAYS: WIND

DATE: 12-8-04

STARTING TIME: 1220 FINISHING TIME: 1411

INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: - D.T.W. = H2O COLUMN: X 0.5 =

4" WELL DEPTH: - D.T.W. = H2O COLUMN: X 2.0 =

G
A
L
L
O
N
S

THEREFORE TOTAL PURGE GALLONS EQUALS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	µS CONDUCTIVITY	TEMP.	OBSERVATIONS
1319	1	8.09	863	16.0	CLOUDY BROWN, ORGANIC ODOR, SHEEN, SEDIMENT
1324	13	8.16	1938	17.2	CLOUDY BROWN, ORGANIC ODOR, SEDIMENT
1334	26	8.50	3.53ms	16.4	CLOUDY BROWN, ORGANIC ODOR, SEDIMENT

SAMPLING: SAMPLE ANALYSIS: TPH-GAS BTEX

SAMPLE TIME: DID WELL GO DRY?

WATER LEVELS:		NOTES:
TIME	D.T.W.	
1353	11.97	

UST Fund Site: X Yes No

FIELD REPORT

JOB NO: 29,027 PROJECT: PACIFIC SUPPLY 1735 24TH STREET, OAKLAND, CA,
INITIAL: CDS SUBJECT: GROUNDWATER SAMPLING
DATE: 12-9-04 PROJECT PHASE NUMBER: 04
VEHICLE USED: S-10

PAGE 1 OF 8

Total Time: 10.00

End. Mileage: 7747

Beg. Mileage: 7737

TOTAL MILEAGE: 10

0630	LOAD EQUIPMENT AND SUPPLIES.
0648	TO SITE
0714	ARRIVE AT SITE. SET-UP FOR GROUNDWATER SAMPLING. PERFORMED SAMPLING AT WELLS MW-2, VRW-1, VRW-2, VRW-6, VRW-7, VRW-8 AND VRW-9, STORED RIVIEWATER IN DRUMS LOCATED AT THE FORMER SYSTEM COMPOUND AREA A. CLOSED ALL WELLS AND MONUMENTS. DECON SAMPLING EQUIPMENT. LOAD EQUIPMENT AND SUPPLIES.
1609	LEAVESITE. TRAVEL AND COMPLETED FIELD NOTES.
1644	FINISHED WITH WORK.
DRUM COUNT:	
Water =	
Devlpmt Water =	
Soil =	
Decon Water =	



**BRUNSGING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION
WELL SAMPLING**

SHEET 2 OF 8

PROJECT: PACIFIC SUPPLY

PROJECT NUMBER: 29.027

WELL # MW-2 PRECIP. IN LAST 5 DAYS: WIND

DATE: 12-9-04

STARTING TIME: 1216 FINISHING TIME: 1324

INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: - D.T.W. = H2O COLUMN: X 0.5 =

4" WELL DEPTH: - D.T.W. = H2O COLUMN: X 2.0 =

THEREFORE TOTAL PURGE GALLONS EQUALS

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FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	NS CONDUCTIVITY	TEMP.	OBSERVATIONS
1231	1	8.48	1.90 ms	18.3	CLEAR ORANGE-BROWN, ORGANIC ODOR
1237	14	8.00	1499	18.4	CLEAR ORANGE-BROWN, ORGANIC ODOR
1245	27	7.95	1462	18.6	CLOUDY ORANGE-BROWN, ORGANIC ODOR, SEDIMENT

SAMPLING: SAMPLE ANALYSIS: TPH-GAS BTEX

SAMPLE TIME: DID WELL GO DRY?

WATER LEVELS:		NOTES:
TIME	D.T.W.	
1305	6.63	

**BRUNING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION
WELL SAMPLING**

SHEET 3 OF 8

PROJECT: PACIFIC SUPPLY

PROJECT NUMBER: 29,027

WELL # VRW-1 PRECIP. IN LAST 5 DAYS: WIND

DATE: 12-9-04

STARTING TIME: 1325 FINISHING TIME: 1420

INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: - D.T.W. = H2O COLUMN: X 0.5 =

4" WELL DEPTH: - D.T.W. = H2O COLUMN: X 2.0 =

THEREFORE TOTAL PURGE GALLONS EQUALS

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FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	^{µS} CONDUCTIVITY	TEMP.	OBSERVATIONS
1337	1	8.76	3.47 mS	19.3	CLOUDY GREY-BLACK, ORGANIC ODOR, SEDIMENT
1343	13	8.37	1981	18.0	CLOUDY ORANGE-BROWN, ORGANIC ODOR, SEDIMENT
1350	26	8.17	1997	18.9	CLOUDY ORANGE-BROWN, ORGANIC ODOR

SAMPLING: SAMPLE ANALYSIS: TPH-GAS BTEX

SAMPLE TIME: DID WELL GO DRY?

WATER LEVELS:		NOTES:
TIME	D.T.W.	
1406	9.43	

**BRUNSGING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION
WELL SAMPLING**

SHEET 5 OF 8

PROJECT: PACIFIC SUPPLY

PROJECT NUMBER: 29.027

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

DATE: 12-9-04

STARTING TIME: 0725 FINISHING TIME: 0846

INITIALS: CPS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: - D.T.W. = H2O COLUMN: X 0.5 =

4" WELL DEPTH: - D.T.W. = H2O COLUMN: X 2.0 =

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THEREFORE TOTAL PURGE GALLONS EQUALS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	^{MS} CONDUCTIVITY	TEMP.	OBSERVATIONS
0802	1	6.65	843	18.8	CLEAR, ORGANIC ODOR, SEDIMENT
0808	13	7.28	1699	18.9	TURBID GREEN-BROWN, ORGANIC ODOR, SEDIMENT
0815	27	7.36	3.15 MS	19.5	TURBID GREEN-BROWN, ORGANIC ODOR, SEDIMENT

SAMPLING: SAMPLE ANALYSIS: TPH-GAS BTEX

SAMPLE TIME: DID WELL GO DRY?

WATER LEVELS:

NOTES:

TIME	D.T.W.	
0833	17.85	SLOW RECOVERY

**BRUNING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION
WELL SAMPLING**

SHEET 6 OF 8

PROJECT: PACIFIC SUPPLY

PROJECT NUMBER: 29,027

WELL # YRW-7

PRECIP. IN LAST 5 DAYS:

WIND

DATE: 12-9-04

STARTING TIME: 1113

FINISHING TIME: 1215

INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: - D.T.W. = H2O COLUMN: X 0.5 =

4" WELL DEPTH: - D.T.W. = H2O COLUMN: X 2.0 =

THEREFORE TOTAL PURGE GALLONS EQUALS

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FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	^{MS} CONDUCTIVITY	TEMP.	OBSERVATIONS
1124	1	7.84	2.69 mS	20.4	CLEAR ORANGE-BROWN, ORGANIC ODOR
1130	12	7.88	3.78 mS	20.7	TURBID GREEN-BROWN, NO ODOR, SHEEN, SEDIMENT
1135	25	8.00	3.59 mS	20.8	TURBID BROWN, ORGANIC ODOR, SANDY, SEDIMENT

SAMPLING:

SAMPLE ANALYSIS:

SAMPLE TIME:

DID WELL GO DRY?

WATER LEVELS:

NOTES:

TIME	D.T.W.	NOTES
1157	14.25	SLOW RECOVERY

**BRUNSGING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION**

WELL SAMPLING

SHEET 7 OF 8

PROJECT: PACIFIC SUPPLY

PROJECT NUMBER: 29.027

WELL # V2W-8 PRECIP. IN LAST 5 DAYS: WIND

DATE: 12-9-04

STARTING TIME: 0847 FINISHING TIME: 0959

INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: - D.T.W. = H2O COLUMN: X 0.5 =

4" WELL DEPTH: - D.T.W. = H2O COLUMN: X 2.0 =

THEREFORE TOTAL PURGE GALLONS EQUALS

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FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	^{NS} CONDUCTIVITY	TEMP.	OBSERVATIONS
0905	1	7.56	2.76 mS	18.5	CLEAR YELLOW, ORGANIC ODOR, SEDIMENT
0911	12	7.39	2.41 mS	18.5	TURBID GREEN-BROWN, ORGANIC ODOR, SEDIMENT.
0919	25	7.43	3.03 mS	18.8	TURBID GREEN-BROWN, ORGANIC ODOR, SANDY.

SAMPLING: SAMPLE ANALYSIS: TPH-GAS BTEX

SAMPLE TIME: DID WELL GO DRY?

WATER LEVELS:		NOTES:
TIME	D.T.W.	
0946	7.38	

**BRUNSGING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION
WELL SAMPLING**

SHEET 8 OF 8

PROJECT: PACIFIC SUPPLY

PROJECT NUMBER: 29,027

WELL # VRW-9

PRECIP. IN LAST 5 DAYS:

WIND

DATE: 12-9-04

STARTING TIME: 1000

FINISHING TIME: 1112

INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: - D.T.W. = H2O COLUMN: X 0.5 =

4" WELL DEPTH: - D.T.W. = H2O COLUMN: X 2.0 =

THEREFORE TOTAL PURGE GALLONS EQUALS

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FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	^{NS} CONDUCTIVITY	TEMP.	OBSERVATIONS
1018	1	7.86	2.68 mS	20.0	CLEAR YELLOW, ORGANIC ODOR
1026	12	7.80	2.65 mS	20.7	TURBID BROWN, NO ODOR, SHEEN, SANDY
1034	25	7.79	2.48 mS	21.2	TURBID BROWN, ORGANIC ODOR, SANDY, SEDIMENT

SAMPLING:

SAMPLE ANALYSIS:

SAMPLE TIME:

DID WELL GO DRY?

WATER LEVELS:

NOTES:

TIME	D.T.W.
1052	7.49

**BRUNSGING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION**

WELL SAMPLING

SHEET 2 OF 4

PROJECT: PACIFIC SUPPLY

PROJECT NUMBER: 29,027

WELL # MW-1

PRECIP. IN LAST 5 DAYS:

WIND

DATE: 12-10-04

STARTING TIME: 0936

FINISHING TIME: 1040

INITIALS: CPS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: - D.T.W. = H2O COLUMN: X 0.5 =

4" WELL DEPTH: - D.T.W. = H2O COLUMN: X 2.0 =

THEREFORE TOTAL PURGE GALLONS EQUALS

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FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
0956	1	7.80	1806	17.2	TURBID GREY-BLACK, ORGANIC ODOR, SEDIMENT
1003	3	7.58	1450	17.8	TURBID GREY-BLACK, ORGANIC ODOR, SEDIMENT
1010	6	7.50	1115	17.9	TURBID GREY-BLACK, ORGANIC ODOR, SEDIMENT

SAMPLING:

SAMPLE ANALYSIS:

SAMPLE TIME:

DID WELL GO DRY?

WATER LEVELS:

NOTES:

TIME	D.T.W.
0938	6.28
0944	6.27
1031	7.82

**BRUNSGING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION
WELL SAMPLING**

SHEET 3 OF 4

PROJECT: PACIFIC SUPPLY

PROJECT NUMBER: 29,027

WELL # VRW-3

PRECIP. IN LAST 5 DAYS:

WIND

DATE: 12-10-04

STARTING TIME: 0831

FINISHING TIME: 0935

INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: - D.T.W. = H2O COLUMN: X 0.5 =

4" WELL DEPTH: - D.T.W. = H2O COLUMN: X 2.0 =

THEREFORE TOTAL PURGE GALLONS EQUALS

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FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	^{µS} CONDUCTIVITY	TEMP.	OBSERVATIONS
0849	1	7.53	1122	17.7	CLOUDY ORANGE-BROWN, ORGANIC ODOR, SHEEN, SEDIMENT
0856	13	7.39	1534	18.8	TURBID GREY-BROWN, ORGANIC ODOR, SEDIMENT
0903	27	7.41	1620	18.9	CLOUDY GREEN-BROWN, ORGANIC ODOR, SHEEN, SEDIMENT

SAMPLING:

SAMPLE ANALYSIS:

TPH-GAS BTEX

SAMPLE TIME:

DID WELL GO DRY?

WATER LEVELS:

NOTES:

TIME	D.T.W.	
0833	6.36	slow recovery
0838	6.35	
0919	16.30	

**BRUNING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION
WELL SAMPLING**

SHEET 4 OF 4

PROJECT: PACIFIC SUPPLY

PROJECT NUMBER: 29.027

WELL # VW-5 PRECIP. IN LAST 5 DAYS: WIND

DATE: 12-10-04

STARTING TIME: 0722 FINISHING TIME: 0830

INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: - D.T.W. = H2O COLUMN: X 0.5 =

4" WELL DEPTH: - D.T.W. = H2O COLUMN: X 2.0 =

THEREFORE TOTAL PURGE GALLONS EQUALS

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FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	μ S CONDUCTIVITY	TEMP.	OBSERVATIONS
0751	1	7.22	1360	16.2	CLEAR ORANGE-BROWN, ORGANIC ODOR, SEDIMENT
0757	13	7.12	1315	17.0	CLOUDY GREEN-BROWN, ORGANIC ODOR, SEDIMENT
0806	26	7.09	1229	18.0	CLOUDY GREEN-BROWN, ORGANIC ODOR, SEDIMENT

SAMPLING: SAMPLE ANALYSIS:

SAMPLE TIME: DID WELL GO DRY?

WATER LEVELS:		NOTES:
TIME	D.T.W.	
0724	7.11	
0730	7.12	
0821	6.92	

Chain-of Custody Form

Project # 29.027		Project Name PACIFIC SUPPLY 1735 24TH STREET, OAKLAND, CA.			Analysis								C.O.C. No. 11615			
L.P. No.		Sampler's Signature <i>Chris Scott</i>			No. of Con- tainers 6	TPH GAS BTX (EPA 801)									Remarks:	
Date Sampled	Sample I.D.	Time (24 Hour)	Sample Type													
12.10.04	MW-1	1022	WATER	↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	X	X										
12.9.04	MW-2	1254			X	X										
12.8.04	MW-3	1446			X	X										
12.9.04	VRW-1	1404			X	X										
12.9.04	VRW-2	1510			X	X										
12.10.04	VRW-3	0908			X	X										
12.8.04	VRW-4	1344			X	X										
12.10.04	VRW-5	0816			X	X										
12.9.04	VRW-6	0829			X	X										
12.9.04	VRW-7	1150		X	X											
12.9.04	VRW-8	0934		X	X											
12.9.04	VRW-9	1041		X	X											

Laboratory: BAFS		Preservation: A - HCL; B - H2SO4; C - NaOH; D - HNO3; E - Ice; F - (specify)							
Relinquished by: (signed) <i>Chris Scott</i>	Date/Time 12/10/04 1341	Received by: (signed)	Remarks: STANDARD TAT ATTN: MICHELLE						Brunsing Associates, Inc. P.O. Box 588 5803 Skylane Blvd., Suite A Windsor, CA 95492 (707) 838-3027 (707) 838-4420 fax
Relinquished by: (signed)	Date/Time	Received by: (signed)							
Relinquished by: (signed)	Date/Time	Received for Laboratory by: (signed)							

APPENDIX B
Analytical Laboratory Report





Laboratory Report Project Overview

EDF 1.2a

Laboratory:	Bace Analytical, Windsor, CA
Lab Report Number:	4495
Project Name:	1735 24TH STREET
Work Order Number:	29.027
Control Sheet Number:	NA

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotct1	Run Sub
4495	MW-1	4495-1	W	CS	CATPH-G	SW5030B	12/10/200	12/15/200	12/15/200	12152004	5
							4	4	4		
4495	MW-1	4495-1	W	CS	SW8021F	SW5030B	12/10/200	12/15/200	12/15/200	12152004	5
							4	4	4		
4495	MW-2	4495-2	W	CS	CATPH-G	SW5030B	12/09/200	12/15/200	12/15/200	12152004	6
							4	4	4		
4495	MW-2	4495-2	W	CS	SW8021F	SW5030B	12/09/200	12/15/200	12/15/200	12152004	6
							4	4	4		
4495	MW-3	4495-3	W	CS	CATPH-G	SW5030B	12/08/200	12/15/200	12/15/200	12152004	7
							4	4	4		
4495	MW-3	4495-3	W	CS	SW8021F	SW5030B	12/08/200	12/15/200	12/15/200	12152004	7
							4	4	4		
4495	VRW-1	4495-4	W	CS	CATPH-G	SW5030B	12/09/200	12/15/200	12/15/200	12152004	8
							4	4	4		
4495	VRW-1	4495-4	W	CS	SW8021F	SW5030B	12/09/200	12/15/200	12/15/200	12152004	8
							4	4	4		
4495	VRW-2	4495-5	W	CS	CATPH-G	SW5030B	12/09/200	12/15/200	12/15/200	12152004	10
							4	4	4		
4495	VRW-2	4495-5	W	CS	SW8021F	SW5030B	12/09/200	12/15/200	12/15/200	12152004	10
							4	4	4		
4495	VRW-3	4495-6	W	CS	CATPH-G	SW5030B	12/10/200	12/15/200	12/15/200	12152004	11
							4	4	4		
4495	VRW-3	4495-6	W	CS	SW8021F	SW5030B	12/10/200	12/15/200	12/15/200	12152004	11
							4	4	4		
4495	VRW-4	4495-7	W	CS	CATPH-G	SW5030B	12/08/200	12/15/200	12/15/200	12152004	12
							4	4	4		
4495	VRW-4	4495-7	W	CS	SW8021F	SW5030B	12/08/200	12/15/200	12/15/200	12152004	12
							4	4	4		
4495	VRW-5	4495-8	W	CS	CATPH-G	SW5030B	12/10/200	12/15/200	12/15/200	12152004	14
							4	4	4		
4495	VRW-5	4495-8	W	CS	SW8021F	SW5030B	12/10/200	12/15/200	12/15/200	12152004	14
							4	4	4		
4495	VRW-6	4495-9	W	CS	CATPH-G	SW5030B	12/09/200	12/15/200	12/15/200	12152004	15
							4	4	4		
4495	VRW-6	4495-9	W	CS	SW8021F	SW5030B	12/09/200	12/15/200	12/15/200	12152004	15
							4	4	4		
4495	VRW-7	4495-10	W	CS	CATPH-G	SW5030B	12/09/200	12/15/200	12/15/200	12152004	16
							4	4	4		
4495	VRW-7	4495-10	W	CS	SW8021F	SW5030B	12/09/200	12/15/200	12/15/200	12152004	16

02/22/200

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Labiocfl	Run Sub
							4	4	4		
4495	VRW-8	4495-11	W	CS	CATPH-G	SW5030B	12/09/200	12/15/200	12/15/200	12152004	17
							4	4	4		
4495	VRW-8	4495-11	W	CS	SW8021F	SW5030B	12/09/200	12/15/200	12/15/200	12152004	17
							4	4	4		
4495	VRW-9	4495-12	W	CS	CATPH-G	SW5030B	12/09/200	12/15/200	12/15/200	12152004	18
							4	4	4		
4495	VRW-9	4495-12	W	CS	SW8021F	SW5030B	12/09/200	12/15/200	12/15/200	12152004	18
							4	4	4		
		4495MB	W	LB1	SW8021F	SW5030B	//	12/15/200	12/15/200	12152004	3
								4	4		
		4595MB	W	LB1	CATPH-G	SW5030B	//	12/15/200	12/15/200	12152004	1
								4	4		
		4495MS	W	MS1	SW8021F	SW5030B	//	12/15/200	12/15/200	12152004	22
								4	4		
		4595MS	W	MS1	CATPH-G	SW5030B	//	12/15/200	12/15/200	12152004	19
								4	4		
		4495SD	W	SD1	SW8021F	SW5030B	//	12/15/200	12/15/200	12152004	23
								4	4		
		4595SD	W	SD1	CATPH-G	SW5030B	//	12/15/200	12/15/200	12152004	20
								4	4		

Lab Report No.: 4495 Date: 02/21/2005

Page: 1

Project Name: 1735 24TH STREET		Analysis: CA LUFT Method for Gasoline Range Organics				
Project No: 29.027		Method: CATPH-G				
		Prep Meth: SW5030B				
Field ID: MW-1		Lab Samp ID: 4495-1				
Descr/Location: MW-1		Rec'd Date: 12/10/2004				
Sample Date: 12/10/2004		Prep Date: 12/15/2004				
Sample Time: 1022		Analysis Date: 12/15/2004				
Matrix: Water		QC Batch: 12152004				
Basis: Not Filtered		Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.020	0.050 PQL		ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene		70-130	SLSA	91%		1

Approved by:

William H. Gatz

Date:

2/22/05

Project Name: 1735 24TH STREET		Analysis: CA LUFT Method for Gasoline Range Organics				
Project No: 29.027		Method: CATPH-G				
		Prep Meth: SW5030B				
Field ID: MW-2	Lab Samp ID: 4495-2					
Descr/Location: MW-2	Rec'd Date: 12/10/2004					
Sample Date: 12/09/2004	Prep Date: 12/15/2004					
Sample Time: 1254	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.400	1.00 PQL		3.0	MG/L	20
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene		70-130 SLSA		92%		1

Approved by: _____

William H. Gatz

Date: _____

2/22/05

Project Name: 1735 24TH STREET		Analysis: CA LUFT Method for Gasoline Range Organics				
Project No: 29.027		Method: CATPH-G				
		Prep Meth: SW5030B				
Field ID: MW-3	Lab Samp ID: 4495-3					
Descr/Location: MW-3	Rec'd Date: 12/10/2004					
Sample Date: 12/08/2004	Prep Date: 12/15/2004					
Sample Time: 1446	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.020	0.050 PQL	DX	ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene		70-130	SLSA	117%		1
DX: Value < lowest standard (MQL), but > than MDL						

Approved by:

William H. Gatz

Date:

2/22/05

Project Name: 1735 24TH STREET		Analysis: CA LUFT Method for Gasoline Range Organics				
Project No: 29.027		Method: CATPH-G				
		Prep Meth: SW5030B				
Field ID: VRW-1	Lab Samp ID: 4495-4					
Descr/Location: VRW-1	Rec'd Date: 12/10/2004					
Sample Date: 12/09/2004	Prep Date: 12/15/2004					
Sample Time: 1404	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.100	0.250 PQL		0.32	MG/L	5
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene		70-130 SLSA		98%		1

Approved by:

William H. Q. [Signature]

Date:

2/22/05

Project Name: 1735 24TH STREET		Analysis: CA LUFT Method for Gasoline Range Organics				
Project No: 29.027		Method: CATPH-G				
		Prep Meth: SW5030B				
Field ID: VRW-2	Lab Samp ID: 4495-5					
Descr/Location: VRW-2	Rec'd Date: 12/10/2004					
Sample Date: 12/09/2004	Prep Date: 12/15/2004					
Sample Time: 1510	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.020	0.050 PQL		ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene		70-130 SLSA		114%		1

Approved by:

William H. Potts

Date:

2/22/05

Project Name: 1735 24TH STREET		Analysis: CA LUFT Method for Gasoline Range Organics				
Project No: 29.027		Method: CATPH-G				
		Prep Meth: SW5030B				
Field ID: VRW-3	Lab Samp ID: 4495-6					
Descr/Location: VRW-3	Rec'd Date: 12/10/2004					
Sample Date: 12/10/2004	Prep Date: 12/15/2004					
Sample Time: 0908	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.020	0.050 PQL		0.22	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene		70-130 SLSA		102%		1

Approved by: William H. Potts

Date: 2/22/05

Project Name: 1735 24TH STREET		Analysis: CA LUFT Method for Gasoline Range Organics				
Project No: 29.027		Method: CATPH-G				
		Prep Meth: SW5030B				
Field ID: VRW-4		Lab Samp ID: 4495-7				
Descr/Location: VRW-4		Rec'd Date: 12/10/2004				
Sample Date: 12/08/2004		Prep Date: 12/15/2004				
Sample Time: 1344		Analysis Date: 12/15/2004				
Matrix: Water		QC Batch: 12152004				
Basis: Not Filtered		Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.400	1.00 PQL		27	MG/L	20
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene		70-130 SLSA		102%		1

Approved by: William H. Pate

Date: 2/22/05

Project Name: 1735 24TH STREET		Analysis: CA LUFT Method for Gasoline Range Organics				
Project No: 29.027		Method: CATPH-G				
		Prep Meth: SW5030B				
Field ID: VRW-5	Lab Samp ID: 4495-8					
Descr/Location: VRW-5	Rec'd Date: 12/10/2004					
Sample Date: 12/10/2004	Prep Date: 12/15/2004					
Sample Time: 0816	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.100	0.250 PQL		0.72	MG/L	5
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene		70-130 SLSA		97%		1

Approved by:

William R. Gatz

Date:

2/22/05

Project Name: 1735 24TH STREET		Analysis: CA LUFT Method for Gasoline Range Organics				
Project No: 29.027		Method: CATPH-G				
		Prep Meth: SW5030B				
Field ID: VRW-6	Lab Samp ID: 4495-9					
Descr/Location: VRW-6	Rec'd Date: 12/10/2004					
Sample Date: 12/09/2004	Prep Date: 12/15/2004					
Sample Time: 0829	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.020	0.050 PQL		0.14	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene		70-130 SLSA		83%		1

Approved by: William H. Pate

Date: 2/22/05

Project Name: 1735 24TH STREET		Analysis: CA LUFT Method for Gasoline Range Organics				
Project No: 29.027		Method: CATPH-G				
		Prep Meth: SW5030B				
Field ID: VRW-7	Lab Samp ID: 4495-10					
Descr/Location: VRW-7	Rec'd Date: 12/10/2004					
Sample Date: 12/09/2004	Prep Date: 12/15/2004					
Sample Time: 1150	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.100	0.250 PQL		0.34	MG/L	5
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene		70-130 SLSA		87%		1

Approved by: William R. Potts

Date: 2/22/05

Project Name: 1735 24TH STREET		Analysis: CA LUFT Method for Gasoline Range Organics				
Project No: 29.027		Method: CATPH-G				
		Prep Meth: SW5030B				
Field ID: VRW-8	Lab Samp ID: 4495-11					
Descr/Location: VRW-8	Rec'd Date: 12/10/2004					
Sample Date: 12/09/2004	Prep Date: 12/15/2004					
Sample Time: 0934	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.100	0.250 PQL		1.3	MG/L	5
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene		70-130 SLSA		87%		1

Approved by: William H. Gatz Date: 2/22/05

Project Name: 1735 24TH STREET		Analysis: CA LUFT Method for Gasoline Range Organics				
Project No: 29.027		Method: CATPH-G				
		Prep Meth: SW5030B				
Field ID: VRW-9	Lab Samp ID: 4495-12					
Descr/Location: VRW-9	Rec'd Date: 12/10/2004					
Sample Date: 12/09/2004	Prep Date: 12/15/2004					
Sample Time: 1041	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.020	0.050 PQL		0.57	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene		70-130 SLSA		87%		1

Approved by: William H. Pate Date: 2/22/05

Project Name: 1735 24TH STREET	Analysis: Volatiles by GC/Gasoline Range Organics					
Project No: 29.027	Method: SW8021F					
	Prep Meth: SW5030B					
Field ID: MW-1	Lab Samp ID: 4495-1					
Descr/Location: MW-1	Rec'd Date: 12/10/2004					
Sample Date: 12/10/2004	Prep Date: 12/15/2004					
Sample Time: 1022	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.2	0.5 PQL		ND	UG/L	1
Toluene	0.2	0.5 PQL		ND	UG/L	1
Ethylbenzene	0.2	0.5 PQL		ND	UG/L	1
Xylenes	0.2	0.5 PQL		ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene		70-130 SLSA		90%		1

Approved by: William H. Pitz Date: 2/22/05

Project Name: 1735 24TH STREET	Analysis: Volatiles by GC/Gasoline Range Organics					
Project No: 29.027	Method: SW8021F					
	Prep Meth: SW5030B					
Field ID: MW-2	Lab Samp ID: 4495-2					
Descr/Location: MW-2	Rec'd Date: 12/10/2004					
Sample Date: 12/09/2004	Prep Date: 12/15/2004					
Sample Time: 1254	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.2	0.5	PQL	13.0	UG/L	1
Toluene	0.2	0.5	PQL	13.0	UG/L	1
Ethylbenzene	0.2	0.5	PQL	ND	UG/L	1
Xylenes	0.2	0.5	PQL	24.	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene		70-130	SLSA	100%		1

Approved by: William H. Poty Date: 2/22/05

Project Name: 1735 24TH STREET	Analysis: Volatiles by GC/Gasoline Range Organics
Project No: 29.027	Method: SW8021F
	Prep Meth: SW5030B
Field ID: MW-3	Lab Samp ID: 4495-3
Descr/Location: MW-3	Rec'd Date: 12/10/2004
Sample Date: 12/08/2004	Prep Date: 12/15/2004
Sample Time: 1446	Analysis Date: 12/15/2004
Matrix: Water	QC Batch: 12152004
Basis: Not Filtered	Notes:

Analyte	Det Limit	Rep Limit	PQL	Note	Result	Units	Pvc Dil
Benzene	0.2	0.5	PQL		ND	UG/L	1
Toluene	0.2	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.2	0.5	PQL		ND	UG/L	1
Xylenes	0.2	0.5	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		70-130	SLSA		118%		1

Approved by: William H. Potts

Date: 2/27/05

Project Name: 1735 24TH STREET		Analysis: Volatiles by GC/Gasoline Range Organics	
Project No: 29.027		Method: SW8021F	
		Prep Meth: SW5030B	
Field ID: VRW-1	Lab Samp ID: 4495-4		
Descr/Location: VRW-1	Rec'd Date: 12/10/2004		
Sample Date: 12/09/2004	Prep Date: 12/15/2004		
Sample Time: 1404	Analysis Date: 12/15/2004		
Matrix: Water	QC Batch: 12152004		
Basis: Not Filtered	Notes:		

Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	1.	3. PQL	DX	8.0	UG/L	5
Toluene	1.	3. PQL		ND	UG/L	5
Ethylbenzene	1.	3. PQL		ND	UG/L	5
Xylenes	1.	3. PQL		3.7	UG/L	5

SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene	70-130	SLSA		98%		1

DX: Value < lowest standard (MQL), but > than MDL

Approved by: William H. Gatz Date: 2/22/05

Project Name: 1735 24TH STREET	Analysis: Volatiles by GC/Gasoline Range Organics					
Project No: 29.027	Method: SW8021F					
	Prep Meth: SW5030B					
Field ID: VRW-2	Lab Samp ID: 4495-5					
Descr/Location: VRW-2	Rec'd Date: 12/10/2004					
Sample Date: 12/09/2004	Prep Date: 12/15/2004					
Sample Time: 1510	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.2	0.5	PQL	96	UG/L	1
Toluene	0.2	0.5	PQL	4.2	UG/L	1
Ethylbenzene	0.2	0.5	PQL	25	UG/L	1
Xylenes	0.2	0.5	PQL	4.3	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene		70-130	SLSA	114%		1

Approved by:

William H. Pate

Date:

2/22/05

Project Name: 1735 24TH STREET		Analysis: Volatiles by GC/Gasoline Range Organics				
Project No: 29.027		Method: SW8021F				
		Prep Meth: SW5030B				
Field ID: VRW-3	Lab Samp ID: 4495-6					
Descr/Location: VRW-3	Rec'd Date: 12/10/2004					
Sample Date: 12/10/2004	Prep Date: 12/15/2004					
Sample Time: 0908	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.2	0.5 PQL		27.	UG/L	1
Toluene	0.2	0.5 PQL		37	UG/L	1
Ethylbenzene	0.2	0.5 PQL		1.0	UG/L	1
Xylenes	0.2	0.5 PQL		3.1	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene		70-130 SLSA		96%		1

Approved by: William H. Pate Date: 2/22/05

Project Name: 1735 24TH STREET	Analysis: Volatiles by GC/Gasoline Range Organics					
Project No: 29.027	Method: SW8021F					
	Prep Meth: SW5030B					
Field ID: VRW-4	Lab Samp ID: 4495-7					
Descr/Location: VRW-4	Rec'd Date: 12/10/2004					
Sample Date: 12/08/2004	Prep Date: 12/15/2004					
Sample Time: 1344	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	4.	10.	PQL	780.	UG/L	20
Toluene	4.	10.	PQL	68	UG/L	20
Ethylbenzene	4.	10.	PQL	90	UG/L	20
Xylenes	4.	10.	PQL	160.	UG/L	20
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene		70-130	SLSA	94%		1

Approved by: William H. Pate Date: 2/22/05

Project Name: 1735 24TH STREET		Analysis: Volatiles by GC/Gasoline Range Organics				
Project No: 29.027		Method: SW8021F				
		Prep Meth: SW5030B				
Field ID: VRW-5	Lab Samp ID: 4495-8					
Descr/Location: VRW-5	Rec'd Date: 12/10/2004					
Sample Date: 12/10/2004	Prep Date: 12/15/2004					
Sample Time: 0816	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	1.	3.	PQL	60.	UG/L	5
Toluene	1.	3.	PQL	10.	UG/L	5
Ethylbenzene	1.	3.	PQL	ND	UG/L	5
Xylenes	1.	3.	PQL	33	UG/L	5
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene		70-130	SLSA	101%		1

Approved by: William H. Gotsch

Date: 2/22/05

Project Name: 1735 24TH STREET	Analysis: Volatiles by GC/Gasoline Range Organics					
Project No: 29.027	Method: SW8021F					
	Prep Meth: SW5030B					
Field ID: VRW-6	Lab Samp ID: 4495-9					
Descr/Location: VRW-6	Rec'd Date: 12/10/2004					
Sample Date: 12/09/2004	Prep Date: 12/15/2004					
Sample Time: 0829	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.2	0.5 PQL		8.0	UG/L	1
Toluene	0.2	0.5 PQL		21.	UG/L	1
Ethylbenzene	0.2	0.5 PQL		ND	UG/L	1
Xylenes	0.2	0.5 PQL		3.6	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene		70-130 SLSA		92%		1

Approved by: _____

William H. Potts

Date: _____

2/22/05

Project Name: 1735 24TH STREET Project No: 29.027	Analysis: Volatiles by GC/Gasoline Range Organics Method: SW8021F Prep Meth: SW5030B																																								
Field ID: VRW-7 Descr/Location: VRW-7 Sample Date: 12/09/2004 Sample Time: 1150 Matrix: Water Basis: Not Filtered	Lab Samp ID: 4495-10 Rec'd Date: 12/10/2004 Prep Date: 12/15/2004 Analysis Date: 12/15/2004 QC Batch: 12152004 Notes:																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:35%;">Analyte</th> <th style="width:10%;">Det Limit</th> <th style="width:10%;">Rep Limit</th> <th style="width:10%;">PQL</th> <th style="width:15%;">Note</th> <th style="width:10%;">Result</th> <th style="width:10%;">Units</th> <th style="width:10%;">Pvc Dil</th> </tr> </thead> <tbody> <tr> <td>Benzene</td> <td>1.</td> <td>3.</td> <td>PQL</td> <td></td> <td>28.</td> <td>UG/L</td> <td>5</td> </tr> <tr> <td>Toluene</td> <td>1.</td> <td>3.</td> <td>PQL</td> <td></td> <td>ND</td> <td>UG/L</td> <td>5</td> </tr> <tr> <td>Ethylbenzene</td> <td>1.</td> <td>3.</td> <td>PQL</td> <td></td> <td>ND</td> <td>UG/L</td> <td>5</td> </tr> <tr> <td>Xylenes</td> <td>1.</td> <td>3.</td> <td>PQL</td> <td></td> <td>5.0</td> <td>UG/L</td> <td>5</td> </tr> </tbody> </table>	Analyte	Det Limit	Rep Limit	PQL	Note	Result	Units	Pvc Dil	Benzene	1.	3.	PQL		28.	UG/L	5	Toluene	1.	3.	PQL		ND	UG/L	5	Ethylbenzene	1.	3.	PQL		ND	UG/L	5	Xylenes	1.	3.	PQL		5.0	UG/L	5	
Analyte	Det Limit	Rep Limit	PQL	Note	Result	Units	Pvc Dil																																		
Benzene	1.	3.	PQL		28.	UG/L	5																																		
Toluene	1.	3.	PQL		ND	UG/L	5																																		
Ethylbenzene	1.	3.	PQL		ND	UG/L	5																																		
Xylenes	1.	3.	PQL		5.0	UG/L	5																																		
SURROGATE AND INTERNAL STANDARD RECOVERIES:																																									
4-Bromofluorobenzene		70-130	SLSA		94%		1																																		

Approved by: _____

William H. Gatz

Date: _____

2/22/05

Project Name: 1735 24TH STREET	Analysis: Volatiles by GC/Gasoline Range Organics
Project No: 29.027	Method: SW8021F
	Prep Meth: SW5030B
Field ID: VRW-8	Lab Samp ID: 4495-11
Descr/Location: VRW-8	Rec'd Date: 12/10/2004
Sample Date: 12/09/2004	Prep Date: 12/15/2004
Sample Time: 0934	Analysis Date: 12/15/2004
Matrix: Water	QC Batch: 12152004
Basis: Not Filtered	Notes:

Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	1.	3.	PQL	30.	UG/L	5
Toluene	1.	3.	PQL	9.0	UG/L	5
Ethylbenzene	1.	3.	PQL	ND	UG/L	5
Xylenes	1.	3.	PQL	7.6	UG/L	5

SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene	70-130	SLSA		95%		1

Approved by:

William H. Potts

Date:

2/22/05

Project Name: 1735 24TH STREET	Analysis: Volatiles by GC/Gasoline Range Organics					
Project No: 29.027	Method: SW8021F					
	Prep Meth: SW5030B					
Field ID: VRW-9	Lab Samp ID: 4495-12					
Descr/Location: VRW-9	Rec'd Date: 12/10/2004					
Sample Date: 12/09/2004	Prep Date: 12/15/2004					
Sample Time: 1041	Analysis Date: 12/15/2004					
Matrix: Water	QC Batch: 12152004					
Basis: Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.2	0.5 PQL		8.8	UG/L	1
Toluene	0.2	0.5 PQL		10.	UG/L	1
Ethylbenzene	0.2	0.5 PQL		ND	UG/L	1
Xylenes	0.2	0.5 PQL		5.5	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene		70-130 SLSA		120%		1

Approved by: William H. Potts Date: 2/22/05

QA/QC Report Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4495 Date: 02/21/2005

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QC Batch: 12152004 Matrix: Water Lab Samp ID: 4595MB Analysis Date: 12/15/2004 Basis: Not Filtered	Analysis: CA LUFT Method for Gasoline Range Method: CATPH-G Prep Meth: SW5030B Prep Date: 12/15/2004 Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.020	0.050 PQL		ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Trifluorotoluene		70-130 SLSA		99%		1

QA/QC Report Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4495 Date: 02/21/2005

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QC Batch: 12152004 Matrix: Water Lab Samp ID: 4495MB Analysis Date: 12/15/2004 Basis: Not Filtered	Analysis: Volatiles by GC/Gasoline Range Organics Method: SW8021F Prep Meth: SW5030B Prep Date: 12/15/2004 Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.2	0.5 PQL		ND	UG/L	1
Toluene	0.2	0.5 PQL		ND	UG/L	1
Ethylbenzene	0.2	0.5 PQL		ND	UG/L	1
Xylenes	0.2	0.5 PQL		ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene		70-130 SLSA		98%		1

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4495 Date: 02/21/2005

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QC Batch: 12152004	Project Name: 1735 24TH STREET
Matrix: Water	Project No.: 29.027
Lab Samp ID: 4495MS	Field ID: MW-3
Basis: Not Filtered	Lab Ref ID: 4495-3

Analyte	Analysis Method	Spike Level		Sample Result	Spike Result		Units	% Recoveries			Acceptance Criteria		
		MS	DMS		MS	DMS		MS	DMS	RPD	% Rec	MSA	RPD
Benzene	SW8021F	40.0	40.0	ND	36.7	35.2	UG/L	91.8	88.0	4.2	125-75	MSA	20MSP
Ethylbenzene	SW8021F	40.0	40.0	ND	41.9	35.5	UG/L	105	88.8	17	125-75	MSA	20MSP
Toluene	SW8021F	40.0	40.0	ND	39.6	35.4	UG/L	99.0	88.5	11	125-75	MSA	20MSP
Xylenes	SW8021F	120.	120.	ND	140.	124.	UG/L	117	103	13	125-75	MSA	20MSP
4-Bromofluorobenzene	SW8021F	100.	100.	118.	92.	94.	PERCENT	92.0	94.0	2.2	130-70	SLSA	20SLSP

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4495 Date: 02/21/2005

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QC Batch: 12152004
 Matrix: Water
 Lab Samp ID: 4595MS
 Basis: Not Filtered

Project Name: 1735 24TH STREET
 Project No.: 29.027
 Field ID: MW-3
 Lab Ref ID: 4495-3

Analyte	Analysis Method	Spike Level		Sample Result	Spike Result		Units	% Recoveries			Acceptance Criteria		
		MS	DMS		MS	DMS		MS	DMS	RPD	% Rec	RPD	
Gasoline Range Organics (C5-C12)	CATPH-G	1.00	1.00	ND	0.87	0.78	MG/L	83.1	74.1	11	130-70	MSA	20MSP
Trifluorotoluene	CATPH-G	100.	100.	117.	115.	120.	PERCENT	115	120	4.3	130-70	SLSA	20SLSP

Chain-of Custody Form

Project # 29.027		Project Name PACIFIC SUPPLY 1735 24TH STREET, OAKLAND, CA.			Analysis										C.O.C. No. 11615						
L.P. No.		Sampler's Signature <i>Chris Scott</i>			No. of Con- tainers	TH. GAS	BTEX (EPA 801)											Remarks:			
Date Sampled	Sample I.D.	Time (24 Hour)	Sample Type																		
12-10-04	MW-1	/	1022	WATER	6	X	X														495-1
12-9-04	MW-2	/	1254			X	X														-2
12-8-04	MW-3	/	1446			X	X														-3
12-9-04	VRW-1	/	1404			X	X														-4
12-9-04	VRW-2	/	1510			X	X														-5
12-10-04	VRW-3	/	0908			X	X														-6
12-8-04	VRW-4	/	1344			X	X														-7
12-10-04	VRW-5	/	0816			X	X														-8
12-9-04	VRW-6	/	0829			X	X														-9
12-9-04	VRW-7	/	1150			X	X														-10
12-9-04	VRW-8	/	0934			X	X														-11
12-9-04	VRW-9	/	1041			X	X														-12
Laboratory: BAFS					Preservation: A - HCL; B - H2SO4; C - NaOH; D - HNO3; E - Ice; F - (specify)																
Relinquished by: (signed) <i>Chris Scott</i>		Date/Time 12/10/04 1341		Received by: (signed) <i>[Signature]</i>		Date/Time 12/10/04 1515		Remarks: STANDARD TAT ATTN: MICHELLE										Brunsing Associates, Inc. P.O. Box 588 5803 Skylane Blvd., Suite A Windsor, CA 95492 (707) 838-3027 (707) 838-4420 fax			
Relinquished by: (signed)		Date/Time		Received by: (signed)		Date/Time															
Relinquished by: (signed)		Date/Time		Received for Laboratory by: (signed)		Date/Time															