

Xtra OIL COMPANY

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July 11, 2011

Ms. Barbara Jakub
Alameda County Environmental Health Department
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

RECEIVED

9:38 am, Jul 21, 2011
Alameda County
Environmental Health

**SUBJECT: SEMI-ANNUAL GROUNDWATER MONITORING AND SAMPLING REPORT
CERTIFICATION
County Case # RO 191
Xtra Oil Company
1701 Park Street
Alameda, CA**

Dear Ms. Jakub:

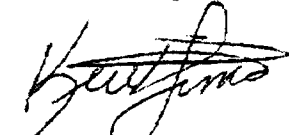
F&D Environmental, Inc. has prepared the following document:

- Semi-Annual Groundwater Monitoring and Sampling Report (January Through June 2011) dated July 11, 2011 (document 0058.R18).

I declare under penalty of perjury that the contents and conclusions in the document are true and correct to the best of my knowledge.

Should you have any questions, please do not hesitate to contact me at (510) 865-9506.

Sincerely,
Xtra Oil Company



Keith Simas

0058.L44

P&D ENVIRONMENTAL, INC.

55 Santa Clara Avenue, Suite 240

Oakland, CA 94610

(510) 658-6916

July 11, 2011
Report 0058.R18

Mr. Ted Simas
Mr. Keith Simas
Xtra Oil Company
2307 Pacific Ave.
Alameda, CA 94501

**SUBJECT: SEMI-ANNUAL GROUNDWATER MONITORING AND SAMPLING REPORT
(JANUARY THROUGH JUNE 2011)
County Case # RO 191
Xtra Oil Company
1701 Park Street
Alameda, CA**

Gentlemen:

P&D Environmental, Inc. (P&D) is pleased to present this report documenting the semi-annual monitoring and sampling of the four historical groundwater monitoring wells (MW1 through MW4), and the initial monitoring and sampling of four recently installed wells (EW2, EW4, EW5, and OW2) at the subject site. Wells EW2, EW4, EW5, and OW2 were installed on May 18 and 19, 2011 in accordance with P&D's Groundwater Extraction Feasibility Test Work Plan dated April 15, 2011 (document 0058.W4). Well monitoring and sampling was performed on May 26, 2011 in conjunction with monitoring and sampling by Environmental Resolutions, Inc. (ERI) at the 1725 Park Street Exxon/Valero site. The reporting period is for January through June 2011.

In a letter from the Alameda County Department of Environmental Health (ACDEH) dated July 24, 2009 P&D was asked to review historical monitoring and sampling results, determine during which quarters contaminant concentrations were at their highest, and conduct semi-annual monitoring and sampling during those quarters (during either the first and third or the second and fourth quarters). Based on our review, semi-annual monitoring and sampling events are to be scheduled during the second and fourth quarters starting in 2009. Also at the request of the ACDEH analysis of the groundwater samples was performed for fuel oxygenates including TBA and lead scavengers using EPA Method 8260B. A Site Location Map (Figure 1) and Site Vicinity Map (Figure 2) are attached with this report.

BACKGROUND

A detailed discussion of the site background, historical monitoring and sampling, and historical investigations are provided in P&D's Remedial Action Work Plan (RAWP) dated October 24, 2007 (document 0058.W2), P&D's Corrective Action Plan (CAP) dated October 11, 2010 (document 0058.W3), and P&D's Site Conceptual Model Report dated October 8, 2010

(document 0058.R10). As an interim step for implementation of the CAP, P&D prepared a Groundwater Extraction Feasibility Work Plan dated April 15, 2011 (document 0058.W4) to verify the feasibility of groundwater extraction at the site with a selected number of wells identified in the RAWP. On May 18 and 19, 2011 P&D oversaw the installation of dual phase extraction wells EW2, EW4, and EW5 and observation well OW2 at the subject site. The wells were installed in accordance with procedures identified in P&D's October 24, 2007 RAWP and P&D's April 15, 2011 Groundwater Extraction Feasibility Work Plan.

FIELD ACTIVITIES

Water levels were measured in the monitoring wells MW1 through MW4 two times during the report period prior to purging for sampling (May 24 and May 26, 2011), and one time after sampling (June 16, 2011). Similarly, the new wells were monitored two times prior to sampling (once prior to development on May 24, 2011 and once after development and prior to purging for sampling on May 26, 2011), and one time after sampling on June 16, 2011. The wells were monitored for depth to water to the nearest 0.01 foot using an electric water level indicator. Monitoring and sampling of the wells was performed on May 26, 2011 in conjunction with monitoring and sampling by ERI at the 1725 Park Street Exxon/Valero site. The monitoring data obtained during the reporting period is summarized in Table 1. Historical monitoring and sampling data obtained by others for the subject site are attached with this report as Appendix A.

Following determination of the depth to water, the wells were evaluated for the presence of free product or sheen using a transparent bailer. No measurable free product was detected in any of the wells. Prior to sampling, wells MW1 through MW4, EW2, EW4, EW5, and OW2 were purged using low flow purge procedures in accordance with U.S. EPA 1996 guidelines. Purging was performed with a peristaltic pump and new polyethylene tubing for a minimum of fifteen minutes at each sampling location. New silicone tubing was used in the pump rollers at each well. The bottom of the tubing was set at a depth of approximately three feet below the static water level in the well. Purging was performed at low flow rates of approximately 450 milliliters per minute to minimize turbulence and to minimize the likelihood of sediments in the samples. During purging operations, the field parameters of electrical conductivity, temperature, pH, turbidity, and depth to water were monitored and recorded on a groundwater monitoring/well purging data sheet for each well.

Petroleum hydrocarbon sheen was detected only on the purge water from well MW2. Strong petroleum hydrocarbon odors were detected on the purge water from wells MW1 and MW2; moderate to strong petroleum hydrocarbon odors were detected on the purge water from wells MW4 and EW5; slight petroleum hydrocarbon odors were detected on the purge water from wells EW2 and EW4; possible slight petroleum hydrocarbon odors were detected on the purge water from well OW2; and no petroleum hydrocarbon odors were detected on the purge water from well MW3.

Once the wells had been purged for a minimum of fifteen minutes and the field parameters were observed to have stabilized, water samples were collected directly from the discharge tubing of the pump into 40-milliliter glass Volatile Organic Analysis (VOA) vials and 1-liter amber glass bottles

which were sealed with Teflon-lined screw caps. The VOA vials were overturned and tapped to ensure that no air bubbles were present.

Once the field parameters were observed to stabilize, and the wells had been purged for a minimum of 15 minutes, water samples were collected from the discharge tubing to the pump. New tubing was used for each sample collection location. The VOA vials and bottles were then transferred to a cooler with ice, pending transport to the laboratory. Chain of custody documentation accompanied the samples to the laboratory. Records of the field parameters measured during well purging are attached with this report.

HYDROGEOLOGY

Water levels were measured in the monitoring wells MW1 through MW4 two times during the report period prior to purging for sampling (May 24 and May 26, 2011), and one time after sampling (June 16, 2011). Similarly, the new wells were monitored two times prior to sampling (once prior to development on May 24, 2011 and once after development and prior to purging for sampling on May 26, 2011), and one time after sampling on June 16, 2011. The measured depth to water for groundwater monitoring wells MW1 through MW4 on June 16, 2011 ranged from 5.79 to 6.89 feet. The measured depth to groundwater on June 16, 2011 in wells EW2, EW4, EW5, and OW2 was 6.09, 4.72, 4.71, and 4.80 feet, respectively. Groundwater level data collected during the monitoring period are presented in Table 1.

Monitoring wells MW1, MW2, and MW3 were installed in 1994, and well MW4 was installed in 1997. These four wells were surveyed in 1997, however the datum used for the survey is unknown. In June 2011 these four wells were resurveyed relative to the North American Vertical Datum of 1988 (NAVD 88) along with the new wells (EW2, EW4, EW5, and OW2). All of the calculated groundwater surface elevations in Table 1 beginning in 2011 are relative to the NAVD 88 datum. All of the calculated groundwater surface elevations for wells MW1 through MW4 prior to 2011 are relative to the unknown datum, which is presumed to be relative to the North American Geodetic Vertical Datum of 1929 (NGVD 29).

Based on the water levels measured in wells MW1, MW2 and MW3 on June 16, 2011 the calculated groundwater flow direction was to the east-southeast with a gradient of 0.0039. Since the previous monitoring and sampling event on November 18, 2011 the groundwater flow direction has shifted towards the south and the gradient has increased from 0.0047. The calculated groundwater surface elevation contours based on the measured depth to the water surface in all of the wells and the calculated groundwater flow direction based on the groundwater surface elevations in wells MW1, MW2 and MW3 are shown on Figure 2. The calculated groundwater flow direction on June 16, 2011 was not consistent with the historical northeasterly groundwater flow direction obtained using the groundwater surface elevation information from the nearby 1725 Park Street Exxon/Valero site in conjunction with groundwater surface elevation data from the subject site.

The locations of both the subject site and the nearby 1725 Park Street Exxon/Valero site are shown in Figure 3. Historical groundwater flow direction information for both sites is shown in rose diagrams in the figure. In addition, the approximate historical northeasterly groundwater

flow direction obtained using the groundwater surface elevation information from the 1725 Park Street Exxon/Valero site in conjunction with groundwater surface elevation data from the subject site is shown in Figure 3.

LABORATORY RESULTS

The groundwater samples collected from wells MW1, MW2, MW3, MW4, EW2, EW4, EW5, and OW2 at the subject site were analyzed for Total Petroleum Hydrocarbons as Diesel (TPH-D) and Total Petroleum Hydrocarbons as Motor Oil (TPH-MO) using EPA Method 3510C in conjunction with EPA Method 8015B; Total Petroleum Hydrocarbons as Gasoline (TPH-G) and methyl tertiary-butyl ether (MTBE), benzene, toluene, ethylbenzene, total xylenes (BTEX) using EPA Method 5030B in conjunction with modified EPA Method 8015B and EPA Method 8021B; and for Fuel Oxygenates and Lead Scavengers by EPA Method 5030B in conjunction with EPA Method 8260B.

TPH-MO was not detected in any of the groundwater samples collected from any of the wells, and no analytes were detected in the groundwater sample collected from well MW3. TPH-D was detected in the groundwater samples collected from wells MW1, MW2, MW4, EW2, EW4, EW5, and OW2 at concentrations of 2,400, 1,900, 2,400, 560, 500, 3,600, and 430 micrograms per liter (ug/L), respectively; TPH-G was detected at concentrations of 15,000, 6,600, 7,300, 2,700, 2,800, 35,000, and 450 ug/L, respectively; and benzene was detected at concentrations of 2,000, 1,000, 230, 580, 99, 1,000, and 0.87 ug/L, respectively. The remaining BTEX compounds were detected at concentrations ranging from 0.71 to 11,000 ug/L. While MTBE was not detected in any of the groundwater samples using EPA Method 8021B, it was detected using EPA Method 8260B in the groundwater samples collected from wells MW1, MW2, MW4, EW2, EW4, EW5, and OW2 at concentrations of 120, 210, 80, 97, 83, 86, and 3.6 ug/L, respectively, and tert-Butyl Alcohol (TBA) was detected in the same samples at concentrations of 570, 480, 74, 290, 110, 250, and 350 ug/L, respectively.

Review of the laboratory analytical report shows that the laboratory described the detected TPH-D results for all of the samples from all the wells as consisting of both gasoline-range compounds and diesel-range compounds, with no recognizable pattern. The laboratory analytical results are summarized in Table 2. Copies of the laboratory analytical reports and chain of custody documentation are attached with this report.

Since the previous sampling event on November 18, 2010 all analyte concentrations in well MW3 have remained not detected; all analyte concentrations in well MW1 remained not detected or decreased with the exceptions of TPH-D, toluene, ethylbenzene, and total xylenes which increased; all analyte concentrations in well MW2 increased or remained not detected with the exceptions of TPH-MO, TPH-D, TPH-G, and ethylbenzene, which decreased; and all analyte concentrations in well MW4 increased or remained not detected, with the exceptions of benzene, MTBE using EPA Method 8021B, MTBE using EPA Method 8260B, and TBA, which decreased.

DISCUSSION AND RECOMMENDATIONS

The four historical groundwater monitoring wells at the subject site (MW1, MW2, MW3, and MW4) and the four recently installed wells (EW2, EW4, EW5, and OW2) were monitored and sampled on May 26, 2011 in conjunction with the monitoring and sampling event performed by ERI for the Exxon/Valero facility located at 1725 Park Street. On May 25, 2011 the measured depth to water at the subject site ranged from 4.77 to 6.90 feet. Groundwater elevations increased in wells MW1 through MW4 by amounts ranging from 1.27 to 1.92 feet since the last sampling event on November 18, 2010.

Since the previous monitoring and sampling event on November 18, 2011 the groundwater flow direction has shifted towards the south the gradient has increased from 0.0047. The groundwater flow direction on May 26, 2011 was not consistent with the historical northeasterly groundwater flow direction obtained using the groundwater surface elevation information from the 1725 Park Street Exxon/Valero site in conjunction with groundwater surface elevation data from the subject site.

Petroleum hydrocarbon sheen was detected only on the purge water from well MW2. Strong petroleum hydrocarbon odors were detected on the purge water from wells MW1 and MW2; moderate to strong petroleum hydrocarbon odors were detected on the purge water from wells MW4 and EW5; slight petroleum hydrocarbon odors were detected on the purge water from wells EW2 and EW4; possible slight petroleum hydrocarbon odors were detected on the purge water from well OW2; and no petroleum hydrocarbon odors were detected on the purge water from well MW3.

The sample results showed that no analytes were detected in well MW3. Analysis for fuel oxygenates and lead scavengers was performed during this sampling event, and the only fuel oxygenate or lead scavenger detected other than MTBE was TBA, with the highest concentration of 570 ug/L detected in well MW1. Review of the water quality data shows that the highest concentrations of TPH-D, and TPH-G and associated compounds were encountered at well EW5, with the exception of benzene and TBA which had the highest concentrations at well MW1.

Based on the results of the groundwater sample analysis, P&D recommends that the semi-annual monitoring and sampling program be continued. The next monitoring and sampling event will be scheduled to be performed in conjunction the next ERI monitoring and sampling event for the Exxon/Valero facility located at 1725 Park Street. In accordance with communications with ACDEH, although future monitoring and sampling events will be performed in conjunction with ERI, the ERI results are not included in this current report and will not be included in future P&D reports because the information is readily available via the internet at both the county website and the GeoTracker website.

DISTRIBUTION

A copy of this report will be uploaded to the ACDEH website, in accordance with ACDEH requirements. In addition, a copy of this report will be uploaded to the GeoTracker database.

LIMITATIONS

This report was prepared solely for the use of Xtra Oil Company. The content and conclusions provided by P&D in this assessment are based on information collected during our investigation, which may include, but not be limited to, visual site inspections; interviews with the site owner, regulatory agencies and other pertinent individuals; review of available public documents; subsurface exploration and our professional judgment based on said information at the time of preparation of this document. Any subsurface sample results and observations presented herein are considered to be representative of the area of investigation; however, geological conditions may vary between borings and may not necessarily apply to the general site as a whole. If future subsurface or other conditions are revealed which vary from these findings, the newly revealed conditions must be evaluated and may invalidate the findings of this report.

This report is issued with the understanding that it is the responsibility of the owner, or his representative, to ensure that the information contained herein is brought to the attention of the appropriate regulatory agencies, where required by law. Additionally, it is the sole responsibility of the owner to properly dispose of any hazardous materials or hazardous wastes left onsite, in accordance with existing laws and regulations.

This report has been prepared in accordance with generally accepted practices using standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature. P&D is not responsible for the accuracy or completeness of information provided by other individuals or entities, which are used in this report.

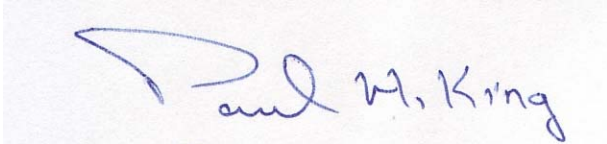
This report presents our professional judgment based upon data and findings identified in this report and interpretation of such data based upon our experience and background, and no warranty, either express or implied, is made. The conclusions presented are based upon the current regulatory climate and may require revision if future regulatory changes occur.

July 11, 2011
Report 0058.R18

Should you have any questions or comments, please do not hesitate to contact us at (510) 658-6916.

Sincerely,

P&D Environmental, Inc.



Paul H. King
Professional Geologist #5901
Expires 12/31/11



Attachments:

Table 1 - Well Monitoring Data
Table 2 - Summary of Laboratory Analytical Results
Figure 1 - Site Location Map
Figure 2 - Site Plan Showing Well Locations and Groundwater Surface Elevations
Figure 3 - Site Vicinity Map Showing Groundwater Surface Elevations
Groundwater Monitoring/Well Purging Data Sheets
Laboratory Analytical Reports and Chain of Custody Documentation
Appendix A - Historical Water Level and Water Quality Data for the Subject Site

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TABLES

Table 1. Well Monitoring Data				
Well Number	Date Monitored	Top of Casing Elevation (ft-msl.)	Depth to Water (ft)	Water Table Elevation (ft-MSL.)
MW1	6/16/2011	22.36*	6.41	15.95
	5/26/2011		5.86	16.50
	5/24/2011		6.43	15.93
	11/18/2010	19.60**	7.78	11.82
	4/28/2010		6.35	13.25
	12/3/2009		7.84	11.76
	2/25/2009		6.07	13.53
	11/25/2008		7.91	11.69
	8/27/2008		8.03	11.57
	5/28/2008		7.28	12.32
	2/27/2008		6.15	13.45
	11/29/2007		7.82	11.78
	8/29/2007		8.29	11.31
	5/29/2007		7.44	12.16
	3/12/2007		6.34	13.26
	11/6/2006		7.99	11.61
MW2	6/16/2011	23.10*	6.89	16.21
	5/26/2011		6.90	16.20
	5/24/2011		6.90	16.20
	11/18/2010	20.31**	8.17	12.14
	4/28/2010		6.76	13.55
	12/3/2009		8.23	12.08
	2/25/2009		6.37	13.94
	11/25/2008		8.21	12.10
	8/27/2008		8.40	11.91
	5/28/2008		7.72	12.59
	2/27/2008		6.49	13.82
	11/29/2007		8.15	12.16
	8/29/2007		8.55	11.76
	5/29/2007		7.79	12.52
	3/12/2007		6.82	13.49
	11/6/2006		8.25	12.06
MW3	6/16/2011	23.35*	6.17	17.18
	5/26/2011		6.19	17.16
	5/24/2011		6.16	17.19
	11/18/2010	20.57**	7.93	12.64
	4/28/2010		6.00	14.57
	12/3/2009		7.83	12.74
	2/25/2009		5.42	15.15
	11/25/2008		7.83	12.74
	8/27/2008		8.23	12.34
	5/28/2008		7.36	13.21
	2/27/2008		5.75	14.82
	11/29/2007		7.88	12.69
	8/29/2007		8.31	12.26
	5/29/2007		7.26	13.31
	3/12/2007		6.03	14.54
	11/6/2006		8.09	12.48
MW4	6/16/2011	22.48*	5.79	16.69
	5/26/2011		6.41	16.07
	5/24/2011		5.82	16.66
	11/18/2010	19.69**	7.69	12.00
	4/28/2010		5.82	13.87
	12/3/2009		7.60	12.09
	2/25/2009		5.32	14.37
	11/25/2008		7.61	12.08
	8/27/2008		7.91	11.78
	5/28/2008		6.97	12.72
	2/27/2008		5.38	14.31
	11/29/2007		7.57	12.12
	8/29/2007		8.07	11.62
	5/29/2007		7.38	12.31
	3/12/2007		5.30	14.39
	11/6/2006		7.60	12.09
EW2	6/16/2011	22.13*	6.09	16.04
	5/26/2011		6.14	15.99
EW4	5/24/2011***		6.12	16.01
	6/16/2011	20.95*	4.72	16.23
EW5	5/26/2011		4.77	16.18
	5/24/2011***		4.75	16.20
OW2	6/16/2011	21.20*	4.71	16.49
	5/26/2011		4.88	16.32
OW2	5/24/2011***		4.74	16.46
	6/16/2011	21.55*	4.80	16.75
OW2	5/26/2011		4.82	16.73
	5/24/2011***		4.79	16.76

Abbreviations and Notes:
 * = Surveyed by Kier & Wright on June 9, 2011.
 ** = Surveyed by Andreas Deak in April 1997.
 *** = Prior to well development.
 ft-MSL = feet above mean sea level
 ft = feet

Table 2. Summary of Laboratory Analytical Results										
Well Number	Sample Date	TPH-G	TPH-D	TPH-MO	MTBE	Benzene	Toluene	Ethylbenzene	Total Xylenes	Fuel Oxygenates & Lead Scavengers
MW1	5/26/2011	15,000	2,400, b,c	ND<250	ND<500	2,000	430	400	1,300	ND, except TBA = 570, MTBE = 120
	11/18/2010	21,000	1,900, b,c	ND<250	1,700	6,300	340	340	860	ND, except TBA = 3,300, MTBE = 1,500
	4/28/2010	19,000	2,800, b,c	260, b,c	840	3,400	680	500	1,600	ND, except TBA = 3,200, MTBE = 750
	12/3/2009	19,000	1,900, b, c	ND<250	1,500	4,500	670	400	1,300	ND, except TBA = 10,000, MTBE = 1,100
	2/25/2009	21,000	2,200, b,c	ND<250	ND<2,500	4,300	750	580	1,700	ND, except TBA = 17,000, MTBE = 1,400
	11/25/2008	20,000	2,400, c	ND<250	1,900	5,500	490	530	1,300	ND, except TBA = 16,000, MTBE = 1,600
	8/27/2008	46,000	5,200, c	ND<250	1,300	4,600	1,800	2,000	5,200	NA
	5/28/2008	40,000	6,100, c	290	1,600	4,200	2,600	1,700	5,900	NA
	2/27/2008	45,000	4,900, c	310	2,600	6,200	3,100	1,300	5,100	NA
	11/29/2007	27,000	3,100, b,c	ND<250	2,600	4,700	930	770	2,600	NA
	8/29/2007	26,000	3,900, b,c	470	3,200	5,400	1,400	810	3,000	NA
	5/30/2007	22,000	3300, c	ND<250	ND<750	400	380	1,100	3,600	NA
	3/12/2007	38,000	3,500, b,c	300	3,500	5,400	2,900	1,300	5,100	NA
	11/6/2006	44,000,a	3,400, a,c	360	3,900	5,600	2,300	920	3,000	NA
	MW2	5/26/2011	6,600	1,900, b,c	ND<250	ND<350	1,000	39	36	97
11/18/2010		7,700, a	11,000, a,c,d	3,500, a,c,d	ND<35	640	16	74	14	ND, except TBA = 19, MTBE = 22
4/28/2010		9,400, a	23,000, a,c,d	9,100, a,c,d	ND<250	1,200	35	40	29	ND, except TBA = 300, MTBE = 100
12/3/2009		7,700, a	6,900, a, b,c	2,000, a, b, c	ND<250	840	29	34	28	ND, except TBA = 200, MTBE = 61
2/25/2009		7,600, a	21,000, a,c,d	6,200	ND<160	810	18	46	24	ND, except TBA = 38, MTBE = 31, 1,2-DCA = 2.7
11/25/2008		8,700, a	23,000, a,c,d	6,400	14,e	740	15	90	27	ND, except TBA = 11, MTBE = 14
8/27/2008		13,000, a	9,200, a,c,d	2,200	ND<200	990	14	93	19	NA
5/28/2008		12,000, a	25,000, a,c,d	7,200	ND<210	2,000	77	77	90	NA
2/27/2008		11,000, a	21,000, a,c,d	6,800	ND<150	940	36	ND<10	22	NA
11/29/2007		11,000, a	32,000, a,c,d	11,000	ND<50	1,000	28	120	31	NA
8/29/2007		8,600, a	6,300, a, b, c	2,600	ND<100	1,300	36	48	48	NA
5/30/2007		14,000, a	22,000, a,c,d	5,800	ND<210	2,200	51	100	99	NA
3/12/2007		8,500, a	74,000, a, c,d	21,000	ND<80	1,200	34	140	69	NA
11/6/2006		14,000, a	45,000, a,c	11,000	ND<120	1,400	27	200	37	NA
MW3		5/26/2011	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	11/18/2010	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
	4/28/2010	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
	12/3/2009	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
	2/25/2009	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
	11/25/2008	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
	8/27/2008	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
	5/28/2008	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
	2/27/2008	ND<50	ND<50	ND<250	15	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
	11/29/2007	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
	8/29/2007	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
	5/30/2007	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
	3/12/2007	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
	11/6/2006	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
	MW4	5/26/2011	7,300	2,400, b,c	ND<250	ND<210	230	64	450	1,100
11/18/2010		5,900	1,100, b,c	ND<250	470	1,100	28	150	390	ND, except TBA = 690, MTBE = 540
4/28/2010		6,300	1,400, c	ND<250	470	480	74	280	750	ND, except TBA = 350, MTBE = 360
12/3/2009		6,300	1,200, c	ND<250	640	1,100	35	120	390	ND, except TBA = 600, MTBE = 390
2/25/2009		11,000	2,200, c	ND<250	ND<300	350	120	490	1,400	ND, except TBA = 160, MTBE = 130
11/25/2008		10,000	1,900, c	ND<250	270	630	130	390	1,500	ND, except TBA = 190, MTBE = 250
8/27/2008		9,300	830, c	ND<250	ND<250	260	85	370	1,300	NA
5/28/2008		2,200	1,400, c	ND<250	ND<30	16	38	100	320	NA
2/27/2008		8,000	1,900, c	ND<250	ND<50	47	110	270	1,300	NA
11/29/2007		12,000	2,800, c	ND<250	ND<180	260	230	580	2,500	NA
8/29/2007		12,000, a	560, c	ND<250	660	910	200	750	2,200	NA
5/30/2007		43,000	4,500, c	610	3,600	5,800	3,700	1,400	5,400	NA
3/12/2007		19,000	3,100, c	ND<250	370	560	450	1,100	4,400	NA
11/6/2006		23,000	4,300, c	850	ND<900	680	250	930	3,100	NA
EW2		5/26/2011	2,700	560, b,c	ND<250	ND<150	580	7.9	10	80
EW4	5/26/2011	2,800	500, b,c	ND<250	ND<150	99	9.9	20	300	ND, except TBA = 110, MTBE = 83
EW5	5/26/2011	35,000	3,600, b,c	ND<250	ND<450	1,000	2,700	850	11,000	ND, except TBA = 250, MTBE = 86
OW2	5/26/2011	450	430, b,c	ND<250	ND<5.0	0.87	0.71	ND<0.5	7.7	ND, except TBA = 350, MTBE = 3.6

Abbreviations and Notes:

TPH-MO = Total Petroleum Hydrocarbons as Motor Oil
 TPH-D = Total Petroleum Hydrocarbons as Diesel
 TPH-G = Total Petroleum Hydrocarbons as Gasoline
 MTBE = Methyl tertiary-butyl ether
 TBA = tert-Butyl alcohol
 1,2-DCA = 1,2-Dichloroethane
 ND = Not Detected.
 NA = Not Analyzed.
 a = Laboratory Note: lighter than water immiscible sheen/ product is present
 b = Laboratory Note: diesel range compounds are significant; no recognizable pattern
 c = Laboratory Note: gasoline range compounds are significant
 d = Laboratory Note: unmodified or weakly modified diesel range compounds are significant
 e = Analysis by EPA 8260B as part of fuel oxygenate analysis. All other results for MTBE and all results for BTEX are by EPA 8021B.
 Results are in micrograms per liter (µg/L), unless otherwise noted.

FIGURES

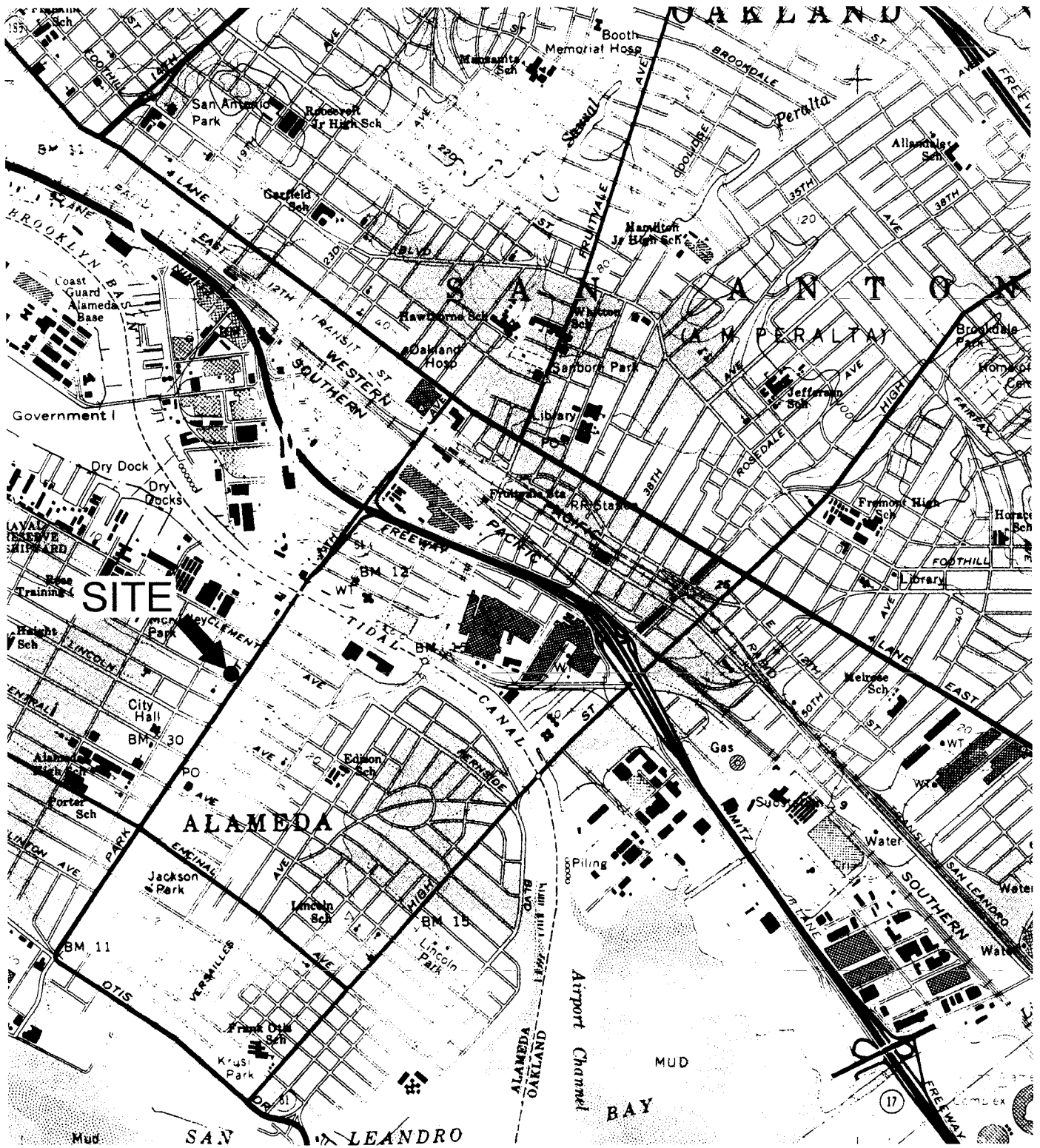
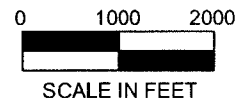


FIGURE 1
 Site Location Map
 1701 Park Street
 Alameda, CA



Base Map From:
 USGS Topographic Map, 7.5 minute series,
 Oakland East, Calif. quadrangle, 1980

P&D Environmental, Inc.
 55 Santa Clara Ave, Ste. 240
 Oakland, CA 94610



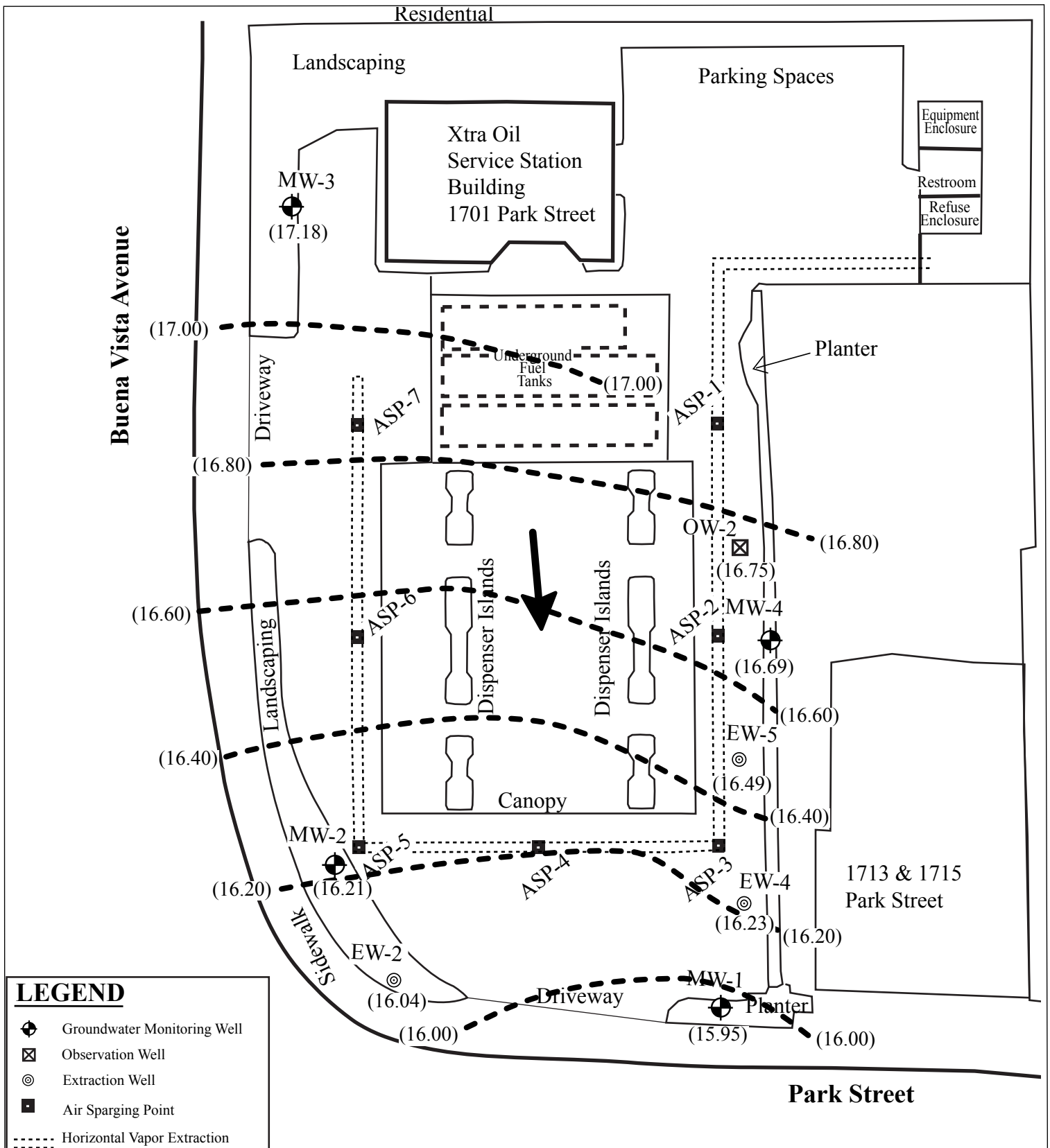


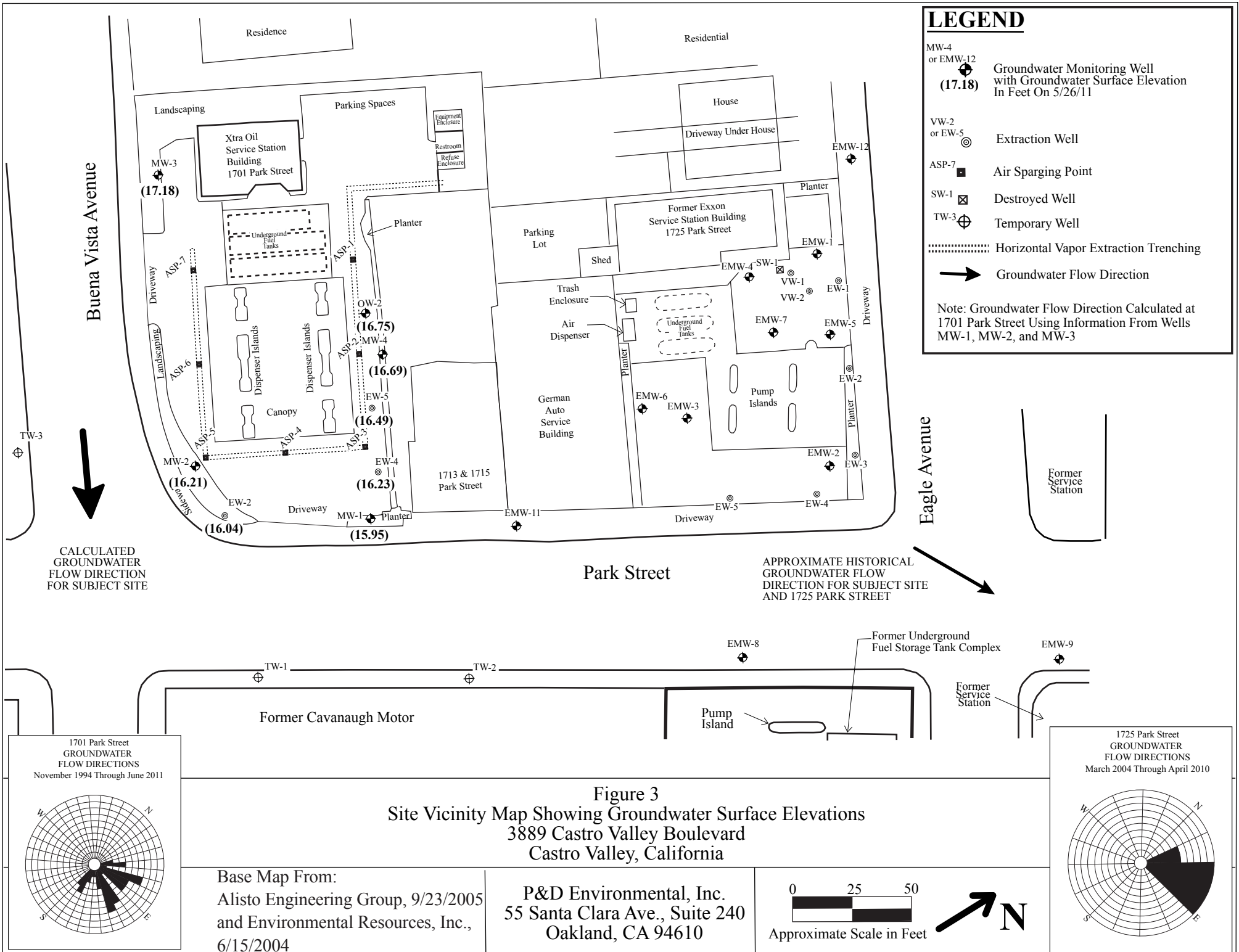
Figure 2
 Site Plan Showing Well Locations and Groundwater Surface Elevations
 Xtra Oil Company
 1701 Park Street
 Alameda, California

Basemap from: Alisto Engineering Group September 2005, and Google Earth October 2009

P&D Environmental, Inc.
 55 Santa Clara Ave., Suite 240
 Oakland, CA 94610

0 12.5 25
 Approximate Scale in Feet





**WELL MONITORING AND
PURGE DATA SHEETS**

**P&D Environmental
Groundwater Monitoring/Well Purging Data Sheet**

Site Name Xtra Oil - 1701 Park St., Alameda

Well No. MW-3^{sk} MW-1

Job Number 0058

Date 5/26/11

TOC to Water (ft.) 5.86

Sheen No

Well Depth (ft.) 19.3 sic 19.2

Free Product Thickness Ø

Well Diameter 2"

Sample Collection Method _____

Flow Rate (mL/minute) ~450

Peri pump + new nuroci PE tubing

Start Purge Time 1525

Time	Vol. Purged (mL)	pH	Depth to Water (ft.)	Temperature (C°)	Electrical Conductivity (µS/cm)	Turbidity (NTU)
1528	1,350	7.06	6.87	22.8	710	0
1530	2,250	6.99	6.99	21.4	671	0
1533	3,600	6.96	7.07	20.9	670	0
1535	4,500	6.94	7.11	20.6	677	0
1538	5,850	6.90	7.12	20.6	685	0
1540	6,750	6.82	7.13	20.5	678	0
			End Purge			

NOTES
Stability Parameters
 p.H. = +/- 0.1
 Sp. Conductivity = +/- 3%
 Turbidity = +/- 10%

No sheen; strong phc odor.
 Sample time => 1555

**P&D Environmental
Groundwater Monitoring/Well Purging Data Sheet**

Site Name Xtra Oil - 1701 Park St., Alameda
 Job Number 0058
 TOC to Water (ft.) 6.90
 Well Depth (ft.) 13.4
 Well Diameter 2"
 Flow Rate (mL/minute) ~450
 Start Purge Time 1635

Well No. MW-2
 Date 5/26/11
 Sheen yes
 Free Product Thickness ∅
 Sample Collection Method _____

Purging pump & new unused PE tubing

Time	Vol. Purged (mL)	pH	Depth to Water (ft.)	Temperature (C°)	Electrical Conductivity (µS/cm)	Turbidity (NTU)
1638	1,350	6.58	7.30	20.4	817	0
1641	2,700	6.51	7.47	20.2	802	0
1644	4,050	6.49	7.54	20.3	780	0
1646	4,950	6.48	7.59	20.3	778	0
1650	6,750	6.47	7.64	20.2	763	0
		end purge				

NOTES
Stability Parameters
 p.H. = +/- 0.1
 Sp. Conductivity = +/- 3%
 Turbidity = +/- 10%

sheen; strong phc odor
 Sample time => 1700

**P&D Environmental
Groundwater Monitoring/Well Purging Data Sheet**

Site Name Xtra Oil - 1701 Park St., Alameda
 Job Number 0058
 TOC to Water (ft.) 6.19
 Well Depth (ft.) ~~19.7~~ sic 19.3
 Well Diameter 2 1/4
 Flow Rate (mL/minute) ~450 ml/min
 Start Purge Time 1142

Well No. MW-3
 Date 5/26/11
 Sheen No
 Free Product Thickness Ø
 Sample Collection Method Peri pump. + new unused PE tubing

Time	Vol. Purged (mL)	pH	Depth to Water (ft.)	Temperature (C°)	Electrical Conductivity (µS/cm)	Turbidity (NTU)
1145	1,350	5.08	6.70	20.2	588	5.64
1148	2,700	4.89	6.90	19.5	368	0
1151	4,050	5.00	7.06	19.3	364	0
1153	4,950	5.12	7.19	19.1	332	0
1156	6,300	5.20	7.27	19.0	326	0
1158	7,200	5.27	7.34	19.0	327	0
1200	8,100	5.30	7.37	19.2	327	0
			end purge			

NOTES

Stability Parameters
 p.H. = +/- 0.1
 Sp. Conductivity = +/- 3%
 Turbidity = +/- 10%

Sample collected @ 1215hrs

No odor + no sheen.

**P&D Environmental
Groundwater Monitoring/Well Purging Data Sheet**

Site Name Xtra Oil - 1701 Park St., Alameda

Well No. MW-4

Job Number 0058

Date 5/26/11

TOC to Water (ft.) 6.41

Sheen No

Well Depth (ft.) 10.9

Free Product Thickness 0

Well Diameter 2 1/2"

Sample Collection Method _____

Flow Rate (mL/minute) ~450ml

Peri pump & new unused PET tubing

Start Purge Time 1349

<u>Time</u>	<u>Vol. Purged (mL)</u>	<u>pH</u>	<u>Depth to Water (ft.)</u>	<u>Temperature (C°)</u>	<u>Electrical Conductivity (uS/cm)</u>	<u>Turbidity (NTU)</u>
<u>1351</u>		<u>7.10</u>	<u>7.81</u>	<u>20.3</u>	<u>482</u>	<u>0</u>
<u>1357</u>	<u>Rate dropped with turbidity</u>	<u>7.10</u>	<u>7.80</u>	<u>20.6</u>	<u>471</u>	<u>0.06</u>
<u>1404</u>		<u>7.10</u>	<u>7.80</u>	<u>20.9</u>	<u>466</u>	<u>0</u>
<u>End purge</u>				<u>Total purged ~ 1,300 mL</u>		

NOTES
Stability Parameters
 p.H. = +/- 0.1
 Sp. Conductivity = +/- 3%
 Turbidity = +/- 10%

*No sheen; mod. strong phc odor -
 Sample time => 1415 hrs*

**P&D Environmental
Groundwater Monitoring/Well Purging Data Sheet**

Site Name Xtra Oil - 1701 Park St., Alameda
 Job Number 0058
 TOC to Water (ft.) 4.77
 Well Depth (ft.) 21.8
 Well Diameter 4"
 Flow Rate (mL/minute) ~450
 Start Purge Time 1450

Well No. EW-4
 Date 5/26/11
 Sheen N.O
 Free Product Thickness Ø
 Sample Collection Method Pori. pump + new unused PE-tubing

Time	Vol. Purged (mL)	pH	Depth to Water (ft.)	Temperature (C°)	Electrical Conductivity (µS/cm)	Turbidity (NTU)
1453	1450 1350	7.21	5.08	23.4	613	9.87
1456	2700	7.33	5.21	21.4	595	3.21
1458	3600	7.30	5.29	21.0	600	3.79
1501	4950	7.20	5.34	20.5	588	2.44
1505	6750	7.15	5.39	20.3	585	2.32
			End purge			

NOTES

Stability Parameters
 p.H. = +/- 0.1
 Sp. Conductivity = +/- 3%
 Turbidity = +/- 10%

No sheen; light phc odor
 Sample time => 1515

**P&D Environmental
Groundwater Monitoring/Well Purging Data Sheet**

Site Name Atm Oil - 1701 Park St., Alameda
 Job Number 0058
 TOC to Water (ft.) 4.82
 Well Depth (ft.) 18.7
 Well Diameter 4"
 Flow Rate (mL/minute) ~450.
 Start Purge Time 1227

Well No. OW-2
 Date 5/26/11
 Sheen No
 Free Product Thickness Ø
 Sample Collection Method Peri. pump & new 4' inner PE tubing

Time	Vol. Purged (mL)	pH	Depth to Water (ft.)	Temperature (C°)	Electrical Conductivity (µS/cm)	Turbidity (NTU)
1230	1,350	6.11	4.99	17.8	772	1.69
1234	3,150	6.30	5.11	17.9	665	7.81
1237	4,500	6.38	5.17	17.8	650	4.43
1240	5,850	6.46	5.22	17.8	655	4.37
1242	6,750	6.52	5.25	17.7	653	4.74
1244	7,650	6.56	5.28	17.5	652	1.73
			End purge			

NOTES
Stability Parameters
 p.H. = +/- 0.1
 Sp. Conductivity = +/- 3%
 Turbidity = +/- 10%

*No sheen possible very light phc odor
 Sample time => 1300*

**LABORATORY REPORTS
AND CHAIN OF CUSTODY
DOCUMENTATION**



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

P & D Environmental 55 Santa Clara, Ste.240 Oakland, CA 94610	Client Project ID: #0058; Xtra Oil 1701 Park St., Alameda	Date Sampled: 05/26/11
		Date Received: 05/27/11
	Client Contact: Steve Carmack	Date Reported: 06/03/11
	Client P.O.:	Date Completed: 06/02/11

WorkOrder: 1105877

June 03, 2011

Dear Steve:

Enclosed within are:

- 1) The results of the **8** analyzed samples from your project: **#0058; Xtra Oil 1701 Park St., Alameda,**
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.

1105877

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: 0058				PROJECT NAME: Xtra Oil 1701 Park St., Alameda				NUMBER OF CONTAINERS	ANALYSIS(ES): TTH Multi-ring (GIDMO) MBTEX by 8024B Fuel Olys + Pb Scavengers by 8060B	PRESERVATIVE	REMARKS			
SAMPLED BY: (PRINTED AND SIGNATURE) Steve Carmack				[Signature]										
SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION										
MW-1	5/04/11	1555	H ₂ O					7	X X X	ICE	Normal Turnaround			
MW-2		1700						7	X X X					
MW-3		1215						7	X X X					
MW-4		1415						6	X X X					
EW-2		1625						7	X X X					
EW-4		1515						7	X X X					
EW-5		1345						7	X X X					
OW-2	↓	1300	↓					7	X X X	↓	↓			
							ICE/°	38						
							GOOD CONDITION	<input checked="" type="checkbox"/>	APPROPRIATE CONTAINERS					
							HEAD SPACE ABSENT	<input checked="" type="checkbox"/>	PRESERVED IN LAB					
							DECHLORINATED IN LAB	<input type="checkbox"/>	PRESERVED IN LAB					
							PRESERVATION	<input type="checkbox"/>	VRAS	<input type="checkbox"/>	ORG	METALS	<input type="checkbox"/>	OTHER
RELINQUISHED BY: (SIGNATURE) [Signature]				DATE	TIME	RECEIVED BY: (SIGNATURE) [Signature]				TOTAL NO. OF SAMPLES (THIS SHIPMENT)	8	LABORATORY: McCampbell		
RELINQUISHED BY: (SIGNATURE) [Signature]				DATE	TIME	RECEIVED BY: (SIGNATURE) [Signature]				TOTAL NO. OF CONTAINERS (THIS SHIPMENT)	55	LABORATORY CONTACT: Angela Rydellius		
RELINQUISHED BY: (SIGNATURE)				DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)				LABORATORY PHONE NUMBER: (877) 852-9262				
							SAMPLE ANALYSIS REQUEST SHEET ATTACHED: () YES (X) NO							
Results and billing to: P&D Environmental, Inc. lab@pdenviro.com						REMARKS: All bottles preserved w/ HCL.								

(4) ↓

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1105877

ClientCode: PDEO

WaterTrax
 WriteOn
 EDF
 Excel
 Fax
 Email
 HardCopy
 ThirdParty
 J-flag

Report to:

Steve Carmack
P & D Environmental
55 Santa Clara, Ste.240
Oakland, CA 94610
(510) 658-6916 FAX 510-834-0152

Email: lab@pdenviro.com
cc:
PO:
ProjectNo: #0058; Xtra Oil 1701 Park St., Alameda

Bill to:

Accounts Payable
Xtra Oil Company
2307 Pacific Avenue
Alameda, CA 94501

Requested TAT: 5 days

Date Received: 05/27/2011

Date Printed: 05/27/2011

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1105877-001	MW-1	Water	5/26/2011 15:55	<input type="checkbox"/>	B	A	C									
1105877-002	MW-2	Water	5/26/2011 17:00	<input type="checkbox"/>	B	A	C									
1105877-003	MW-3	Water	5/26/2011 12:15	<input type="checkbox"/>	B	A	C									
1105877-004	MW-4	Water	5/26/2011 14:15	<input type="checkbox"/>	B	A	C									
1105877-005	EW-2	Water	5/26/2011 16:25	<input type="checkbox"/>	B	A	C									
1105877-006	EW-4	Water	5/26/2011 15:15	<input type="checkbox"/>	B	A	C									
1105877-007	EW-5	Water	5/26/2011 13:45	<input type="checkbox"/>	B	A	C									
1105877-008	OW-2	Water	5/26/2011 13:00	<input type="checkbox"/>	B	A	C									

Test Legend:

1	5-OXYS+PBSCV_W	2	G-MBTEX_W	3	TPH(DMO)_W	4		5	
6		7		8		9		10	
11		12							

Prepared by: Zoraida Cortez

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



Sample Receipt Checklist

Client Name: **P & D Environmental**

Date and Time Received: **5/27/2011 5:04:50 PM**

Project Name: **#0058; Xtra Oil 1701 Park St., Alameda**

Checklist completed and reviewed by: **Zoraida Cortez**

WorkOrder N°: **1105877** Matrix Water

Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Sample IDs noted by Client on COC? Yes No
- Date and Time of collection noted by Client on COC? Yes No
- Sampler's name noted on COC? Yes No

Sample Receipt Information

- Custody seals intact on shipping container/cooler? Yes No NA
- Shipping container/cooler in good condition? Yes No
- Samples in proper containers/bottles? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No

Sample Preservation and Hold Time (HT) Information

- All samples received within holding time? Yes No
 - Container/Temp Blank temperature Cooler Temp: 3.8°C NA
 - Water - VOA vials have zero headspace / no bubbles? Yes No No VOA vials submitted
 - Sample labels checked for correct preservation? Yes No
 - Metal - pH acceptable upon receipt (pH<2)? Yes No NA
 - Samples Received on Ice? Yes No
- (Ice Type: WET ICE)

* NOTE: If the "No" box is checked, see comments below.

=====

Client contacted:

Date contacted:

Contacted by:

Comments:



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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

P & D Environmental 55 Santa Clara, Ste.240 Oakland, CA 94610	Client Project ID: #0058; Xtra Oil 1701 Park St., Alameda	Date Sampled: 05/26/11
	Client Contact: Steve Carmack	Date Received: 05/27/11
	Client P.O.:	Date Analyzed: 06/01/11-06/02/11
		Date Extracted: 05/27/11

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 1105877

Lab ID	1105877-005B	1105877-006B	1105877-007B	1105877-008B	Reporting Limit for DF =1	
Client ID	EW-2	EW-4	EW-5	OW-2		
Matrix	W	W	W	W		
DF	3.3	3.3	50	5		

Compound	Concentration				ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND<1.7	ND<1.7	ND<25	ND<2.5	NA	0.5
t-Butyl alcohol (TBA)	290	110	250	350	NA	2.0
1,2-Dibromoethane (EDB)	ND<1.7	ND<1.7	ND<25	ND<2.5	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND<1.7	ND<1.7	ND<25	ND<2.5	NA	0.5
Diisopropyl ether (DIPE)	ND<1.7	ND<1.7	ND<25	ND<2.5	NA	0.5
Ethyl tert-butyl ether (ETBE)	ND<1.7	ND<1.7	ND<25	ND<2.5	NA	0.5
Methyl-t-butyl ether (MTBE)	97	83	86	3.6	NA	0.5

Surrogate Recoveries (%)

%SS1:	103	101	102	99	
-------	-----	-----	-----	----	--

Comments

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.



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P & D Environmental 55 Santa Clara, Ste.240 Oakland, CA 94610	Client Project ID: #0058; Xtra Oil 1701 Park St., Alameda	Date Sampled: 05/26/11
	Client Contact: Steve Carmack	Date Received: 05/27/11
	Client P.O.:	Date Analyzed: 06/01/11-06/02/11

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 1105877

Lab ID	1105877-001B	1105877-002B	1105877-003B	1105877-004B	Reporting Limit for DF =1	
Client ID	MW-1	MW-2	MW-3	MW-4		
Matrix	W	W	W	W		
DF	10	10	1	5		

Compound	Concentration				ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND<5.0	ND<5.0	ND	ND<2.5	NA	0.5
t-Butyl alcohol (TBA)	570	480	ND	74	NA	2.0
1,2-Dibromoethane (EDB)	ND<5.0	ND<5.0	ND	ND<2.5	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND<5.0	ND<5.0	ND	ND<2.5	NA	0.5
Diisopropyl ether (DIPE)	ND<5.0	ND<5.0	ND	ND<2.5	NA	0.5
Ethyl tert-butyl ether (ETBE)	ND<5.0	ND<5.0	ND	ND<2.5	NA	0.5
Methyl-t-butyl ether (MTBE)	120	210	ND	80	NA	0.5

Surrogate Recoveries (%)

%SS1:	101	102	101	102	
-------	-----	-----	-----	-----	--

Comments

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.



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Telephone: 877-252-9262 Fax: 925-252-9269

P & D Environmental 55 Santa Clara, Ste.240 Oakland, CA 94610	Client Project ID: #0058; Xtra Oil 1701 Park St., Alameda	Date Sampled: 05/26/11
	Client Contact: Steve Carmack	Date Received: 05/27/11
	Client P.O.:	Date Extracted: 05/31/11-06/02/11
		Date Analyzed: 05/31/11-06/02/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B

Analytical methods: SW8021B/8015Bm

Work Order: 1105877

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	MW-1	W	15,000	ND<500	2000	430	400	1300	100	103	d1
002A	MW-2	W	6600	ND<350	1000	39	36	97	10	114	d1
003A	MW-3	W	ND	ND	ND	ND	ND	ND	1	107	
004A	MW-4	W	7300	ND<210	230	64	450	1100	10	101	d1
005A	EW-2	W	2700	ND<150	580	7.9	10	80	1	87	d1
006A	EW-4	W	2800	ND<150	99	9.9	20	300	10	116	d1
007A	EW-5	W	35,000	ND<450	1000	2700	850	11,000	20	108	d1
008A	OW-2	W	450	ND	0.87	0.71	ND	7.7	1	115	d1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference. %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation:

d1) weakly modified or unmodified gasoline is significant



McC Campbell Analytical, Inc.

"When Quality Counts"

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Telephone: 877-252-9262 Fax: 925-252-9269

P & D Environmental 55 Santa Clara, Ste.240 Oakland, CA 94610	Client Project ID: #0058; Xtra Oil 1701 Park St., Alameda	Date Sampled: 05/26/11
	Client Contact: Steve Carmack	Date Received: 05/27/11
	Client P.O.:	Date Extracted: 05/27/11
		Date Analyzed: 05/28/11-05/30/11

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3510C

Analytical methods: SW8015B

Work Order: 1105877

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1105877-001C	MW-1	W	2400	ND	1	85	e4,e2
1105877-002C	MW-2	W	1900	ND	1	89	e4,e2
1105877-003C	MW-3	W	ND	ND	1	92	
1105877-004C	MW-4	W	2400	ND	1	91	e4,e2
1105877-005C	EW-2	W	560	ND	1	86	e4,e2
1105877-006C	EW-4	W	500	ND	1	91	e4,e2
1105877-007C	EW-5	W	3600	ND	1	90	e4,e2
1105877-008C	OW-2	W	430	ND	1	90	e4,e2

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation:

e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 58672

WorkOrder 1105877

Analyte	Extraction SW5030B			Spiked Sample ID: 1105877-003B								
	Sample µg/L	Spiked µg/L	MS % Rec.	MSD % Rec.	MS-MSD % RPD	LCS % Rec.	LCSD % Rec.	LCS-LCSD % RPD	Acceptance Criteria (%)			
tert-Amyl methyl ether (TAME)	ND	10	92.8	91.9	0.944	73.8	70.2	5.10	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	111	112	0.786	85.5	83.8	1.94	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	106	106	0	88.6	86	3.00	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	100	100	0	103	97.5	5.08	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	106	105	0.974	107	100	7.00	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	106	105	1.30	94.1	88.1	6.57	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	109	110	0.390	111	106	4.42	70 - 130	30	70 - 130	30
%SS1:	101	25	92	93	0.595	99	99	0	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 58672 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105877-001B	05/26/11 3:55 PM	06/01/11	06/01/11 8:21 PM	1105877-002B	05/26/11 5:00 PM	06/01/11	06/01/11 9:08 PM
1105877-003B	05/26/11 12:15 PM	06/01/11	06/01/11 9:59 PM	1105877-004B	05/26/11 2:15 PM	06/01/11	06/01/11 10:47 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 58688

WorkOrder 1105877

Analyte	Extraction SW5030B			Spiked Sample ID: 1105877-006B								
	Sample µg/L	Spiked µg/L	MS % Rec.	MSD % Rec.	MS-MSD % RPD	LCS % Rec.	LCSD % Rec.	LCS-LCSD % RPD	Acceptance Criteria (%)			
tert-Amyl methyl ether (TAME)	ND<1.7	10	88.7	91.5	3.10	94.8	95.6	0.825	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	110	50	NR	NR	NR	98.7	102	3.67	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND<1.7	10	88.9	92.4	3.43	104	104	0	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND<1.7	10	108	99.3	8.20	105	106	1.37	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND<1.7	10	104	109	4.03	111	113	1.11	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND<1.7	10	88.9	92.2	3.20	111	111	0	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	83	10	NR	NR	NR	118	120	1.40	70 - 130	30	70 - 130	30
%SS1:	101	25	85	85	0	94	93	1.22	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 58688 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105877-005B	05/26/11 4:25 PM	06/01/11	06/01/11 11:34 PM	1105877-006B	05/26/11 3:15 PM	06/02/11	06/02/11 12:21 AM
1105877-007B	05/26/11 1:45 PM	06/02/11	06/02/11 1:09 AM	1105877-008B	05/26/11 1:00 PM	06/02/11	06/02/11 9:39 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.



QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 58679

WorkOrder 1105877

Analyte	EPA Method SW8021B/8015Bm		Extraction SW5030B						Spiked Sample ID: 1105879-007A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	60	87.7	95.4	8.37	97.3	95.2	2.14	70 - 130	20	70 - 130	20
MTBE	ND	10	99.7	106	6.59	107	105	2.32	70 - 130	20	70 - 130	20
Benzene	ND	10	88.5	97.7	9.95	101	95.3	6.11	70 - 130	20	70 - 130	20
Toluene	ND	10	88.8	97.4	9.31	101	95.5	5.98	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	88.7	96.5	8.48	101	95.3	6.07	70 - 130	20	70 - 130	20
Xylenes	ND	30	91.5	98.8	7.67	104	97.9	6.22	70 - 130	20	70 - 130	20
%SS:	106	10	97	97	0	100	98	2.86	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 58679 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105877-001A	05/26/11 3:55 PM	05/31/11	05/31/11 9:06 PM	1105877-002A	05/26/11 5:00 PM	06/01/11	06/01/11 9:48 PM
1105877-003A	05/26/11 12:15 PM	06/02/11	06/02/11 1:46 AM	1105877-004A	05/26/11 2:15 PM	06/02/11	06/02/11 12:47 AM
1105877-005A	05/26/11 4:25 PM	06/01/11	06/01/11 3:32 AM	1105877-005A	05/26/11 4:25 PM	06/02/11	06/02/11 1:16 AM
1105877-006A	05/26/11 3:15 PM	06/01/11	06/01/11 4:02 AM	1105877-007A	05/26/11 1:45 PM	06/01/11	06/01/11 4:31 AM
1105877-008A	05/26/11 1:00 PM	06/02/11	06/02/11 4:14 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.



QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 58616

WorkOrder 1105877

EPA Method SW8015B		Extraction SW3510C							Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	117	116	0.654	N/A	N/A	70 - 130	30
%SS:	N/A	625	N/A	N/A	N/A	95	98	3.63	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 58616 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105877-001C	05/26/11 3:55 PM	05/27/11	05/30/11 7:59 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 58689

WorkOrder 1105877

EPA Method SW8015B		Extraction SW3510C							Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	119	119	0	N/A	N/A	70 - 130	30
%SS:	N/A	625	N/A	N/A	N/A	93	93	0	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 58689 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105877-002C	05/26/11 5:00 PM	05/27/11	05/29/11 4:53 AM	1105877-003C	05/26/11 12:15 PM	05/27/11	05/28/11 9:08 PM
1105877-004C	05/26/11 2:15 PM	05/27/11	05/30/11 9:07 AM	1105877-005C	05/26/11 4:25 PM	05/27/11	05/30/11 6:53 AM
1105877-006C	05/26/11 3:15 PM	05/27/11	05/30/11 12:13 AM	1105877-007C	05/26/11 1:45 PM	05/27/11	05/29/11 1:34 AM
1105877-008C	05/26/11 1:00 PM	05/27/11	05/29/11 12:28 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

APPENDIX A

TABLE 1 - SUMMARY OF GROUNDWATER SAMPLING
 XTRA OIL COMPANY SERVICE STATION
 1701 PARK STREET, ALAMEDA, CALIFORNIA

ALISTO PROJECT NO. 10-210

WELL ID	DATE OF MONITORING/SAMPLING	CASING ELEVATION (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	OTHER SVOCs (ug/l)	NAPHTHALENE (ug/l)	BENZO-PYRENE (ug/l)	DO (ppm)	LAB
MW-1	11/04/94	19.60	8.6	---	10.96	60000	6400	13000	4900	1300	5500	---	---	---	---	---	MCC
QC-1 (c)	11/04/94	---	---	---	---	54000	---	12000	4500	1200	5200	---	---	---	---	---	MCC
MW-1	01/11/95	19.60	6.10	---	13.50	---	---	---	---	---	---	---	---	---	---	---	---
MW-1	02/24/95	19.60	6.57	---	13.03	56000	4400	13000	7000	1400	5100	---	---	---	---	---	MCC
QC-1 (c)	02/24/95	---	---	---	---	43000	---	8900	4600	970	3300	---	---	---	---	---	MCC
MW-1	05/25/95	19.60	6.54	---	13.06	53000	4700	11000	5700	1200	4000	---	---	---	---	---	MCC
QC-1 (c)	05/25/95	---	---	---	---	48000	---	11000	5300	1200	3800	---	---	---	---	---	4.3
MW-1	08/30/95	19.60	8.15	---	11.45	14000	3700	5000	1100	3900	103	---	---	---	---	---	MCC
QC-1 (c)	08/30/95	---	---	---	---	57000	---	17000	7000	1500	5200	---	---	---	---	---	2.8
MW-1	11/18/95	19.60	8.79	---	10.81	100000	5900	22000	17000	2100	8500	---	---	---	---	---	MCC
QC-1 (c)	11/18/95	---	---	---	---	95000	---	20000	15000	1800	7800	---	---	---	---	---	MCC
MW-1	03/20/96	19.60	6.45	---	13.15	46000	3300	10000	6200	1100	3200	---	---	---	---	---	MCC
QC-1 (c)	03/20/96	---	---	---	---	42000	---	8800	5800	970	3000	---	---	---	---	---	MCC
MW-1	06/13/96	19.60	7.14	---	12.46	44000	5400	9500	5500	1100	4000	---	---	---	---	---	MCC
QC-1 (c)	06/13/96	---	---	---	---	45000	---	8500	5300	1000	3800	---	---	---	---	---	MCC
MW-1	09/23/96	19.60	7.56	---	12.04	76000	14000	14000	11000	1600	7100	---	---	---	---	---	6.1
MW-1	12/19/96	19.60	7.08	---	12.52	46000	---	12000	5500	1200	4100	---	---	---	---	---	MCC
MW-1	05/09/97	19.60	7.39	---	12.21	80000	7500	14000	12000	1700	7600	---	ND	280	ND<2	2.7	MCC/CHR
MW-1	09/11/97	19.60	7.50	---	12.10	100000	7700	19000	19000	2400	11000	---	---	---	---	---	7.2
MW-1	12/15/97	19.60	7.61	---	11.99	45000	3500	11000	5300	1500	5200	---	---	---	---	---	6.8
QC-1 (c)	12/15/97	---	---	---	---	45000	---	11000	5400	1400	5100	---	---	---	---	---	MCC
MW-1	03/11/98	19.60	6.35	---	14.25	40000	3800	5900	3500	1300	4900	---	---	---	---	---	6
QC-1 (c)	03/11/98	---	---	---	---	43000	---	7200	5000	1400	5300	---	---	---	---	---	MCC
MW-1	06/23/98	19.60	5.63	---	12.97	44000	3700	5900	6200	1800	6200	---	---	---	---	---	6.2
QC-1 (c)	06/23/98	---	---	---	---	47000	---	6000	6400	1800	6300	---	---	---	---	---	MCC
MW-1	12/01/98	19.60	6.48	---	13.12	57000	---	7400	12000	2100	8200	---	---	---	---	---	2.4
QC-1 (c)	12/01/98	---	---	---	---	57000	---	6800	11000	1900	7500	---	---	---	---	---	MCC
MW-1	03/30/99	19.60	5.74	---	13.86	67000	6500	5700	9400	2500	9400	---	---	---	---	---	2.1
QC-1 (c)	03/30/99	---	---	---	---	64000	6400	5500	9000	2400	9100	---	---	---	---	---	MCC
MW-1	08/16/99	19.60	7.02	---	12.58	63000	---	3800	9100	2800	11000	---	---	---	---	---	1.3
QC-1 (c)	08/16/99	---	---	---	---	64000	---	3700	8800	2800	11000	---	---	---	---	---	MCC
MW-1	12/31/99	19.60	7.45	---	12.15	62000	5100	2900	9400	2700	11000	---	---	---	---	---	8.3
QC-1 (c)	12/31/99	---	---	---	---	67000	4900	2900	9700	2800	12000	---	---	---	---	---	MCC
MW-1	03/31/00	19.60	5.85	---	13.75	48000	490	3200	5500	2000	6700	---	---	---	---	---	7.9
QC-1 (c)	03/31/00	---	---	---	---	54000	3300	3500	6000	2300	7300	---	---	---	---	---	MCC
MW-1	07/14/00	19.60	7.00	---	12.60	79000	5700	5600	4900	2300	9500	---	---	---	---	---	3.2
QC-1 (c)	07/14/00	---	---	---	---	72000	---	4900	14000	2100	9200	---	---	---	---	---	MCC
MW-1	10/04/00	19.60	7.60	---	12.00	65000	2900	3800	11000	2400	8200	---	---	---	---	---	1.4
QC-1 (c)	10/04/00	---	---	---	---	68000	---	3900	13000	2400	9300	---	---	---	---	---	MCC
MW-1	12/21/00	19.60	6.91	---	12.99	74000	2500	3800	17000	3400	15000	---	---	---	---	---	1.3
QC-1 (c)	12/21/00	---	---	---	---	69000	---	2700	12000	2400	11000	---	---	---	---	---	MCC
MW-1	04/13/01	19.60	6.06	---	13.54	55000	2400	2900	7800	2400	9400	---	---	---	---	---	0.8
QC-1 (c)	04/13/01	---	---	---	---	51000	---	2300	8000	2900	7900	---	---	---	---	---	MCC
MW-1	06/27/01	19.60	6.54	---	13.06	80000	3600	2800	13000	2300	10000	---	---	---	---	---	1.1
QC-1 (c)	06/27/01	---	---	---	---	76000	---	3100	13000	2300	10000	---	---	---	---	---	MCC
MW-1	09/20/01	19.60	7.08	---	12.52	74000	6600	1600	7700	2500	10000	---	---	---	---	---	0.8
QC-1 (c)	09/20/01	---	---	---	---	67000	---	1600	7800	2600	10000	---	---	---	---	---	MCC
MW-1	12/21/01	19.60	5.71	---	13.89	58000	5500	2100	11000	2400	10000	---	---	---	---	---	1.4
QC-1 (c)	12/21/01	---	---	---	---	56000	---	2100	11000	2300	10000	---	---	---	---	---	MCC
MW-1	02/04/02	19.60	5.01	---	14.59	6500	1800	74	100	230	1500	---	---	---	---	---	4.1
QC-1 (c)	02/04/02	---	---	---	---	8000	---	90	130	270	1800	---	---	---	---	---	MCC
MW-1	05/07/02	19.60	6.10	---	13.50	41000	7900	1300	5200	1700	6300	---	---	---	---	---	4.3
QC-1 (c)	05/07/02	---	---	---	---	40000	---	1300	5200	1700	6400	---	---	---	---	---	MCC
MW-1	09/22/02	19.60	6.91	---	12.89	42000	4800	1100	6300	1900	7900	---	---	---	---	---	4.9
QC-1 (c)	09/22/02	---	---	---	---	40000	---	1000	6100	1800	7500	---	---	---	---	---	MCC
MW-1	11/08/02	19.60	6.46	---	13.14	39000	6800	770	4600	1600	6600	---	---	---	---	---	MCC
QC-1 (c)	11/08/02	---	---	---	---	49000	---	880	4800	1800	6700	---	---	---	---	---	MCC
MW-1	02/07/03	19.60	5.80	---	13.80	43000	3700	1600	5100	2100	9700	---	---	---	---	---	1.1
MW-1	05/02/03	19.60	5.60	---	14.00	48000	4600	1100	5900	1800	7300	---	---	---	---	---	MCC
QC-1 (c)	05/02/03	---	---	---	---	---	---	1200	5800	1800	7100	---	---	---	---	---	MCC
MW-1	08/14/03	19.60	6.81	---	12.79	42000	3800	1000	4700	2000	8100	---	---	---	---	---	1.3
QC-1 (c)	08/14/03	---	---	---	---	43000	---	1000	4600	2000	7900	---	---	---	---	---	MCC
MW-1	11/14/03	19.60	6.71	---	12.88	40000	3000	610	4900	1900	7600	---	---	---	---	---	MCC
MW-1	03/01/04	19.60	5.22	---	14.38	20000	3000	540	2500	720	2900	---	---	---	---	---	0.8
MW-1	06/30/04	19.60	6.38	---	13.22	38000	3000	570	2900	2100	8200	---	---	---	---	---	MCC
QC-1 (c)	06/30/04	---	---	---	---	---	---	6800	550	3200	2100	---	---	---	---	---	MCC
MW-1	10/26/04	19.60	6.00	---	13.60	35000	4400	510	2900	1900	5700	---	---	---	---	---	2.7
QC-1 (c)	10/26/04	---	---	---	---	---	---	450	2700	1600	5500	---	---	---	---	---	MCC
MW-1	03/24/05	19.60	5.04	---	14.56	29000	3300	1300	5500	1200	4900	---	---	---	---	---	2.7
QC-1 (c)	03/24/05	---	---	---	---	31000	---	830	3800	1900	4500	---	---	---	---	---	MCC
MW-1	06/14/05	19.60	5.45	---	14.15	23000	4300	1300	2700	810	2700	---	---	---	---	---	2.9
QC-1 (c)	06/14/05	---	---	---	---	---	---	1400	3100	810	2900	---	---	---	---	---	MCC
MW-1	09/12/05	19.60	7.89	---	11.71	60000	4600	4900	8200	1900	7300	---	---	---	---	---	2.6
QC-1 (c)	09/12/05	---	---	---	---	58000	---	5000	8500	1900	7300	---	---	---	---	---	MCC
MW-1	01/04/06	19.60	6.09	---	13.51	54000	2900	8800	3500	970	3700	---	---	---	---	---	MCC
QC-1 (c)	01/04/06	---	---	---	---	46000	---	8500	3500	970	3700	---	---	---	---	---	MCC
MW-1	04/04/06	19.60	5.71	<0.01	13.89	31000	2500	6700	2800	1600	6600	---	---	---	---	---	MCC
QC-1 (c)	04/04/06	---	---	---	---	31000	---	6900	2900	1000	2800	---	---	---	---	---	MCC
MW-1	06/12/06	19.60	6.66	sheen	12.94	31000	3100	4800	2200	910	2600	---	---	---	---	---	MCC
QC-1 (c)	06/12/06	---	---	---	---	31000	---	5700	2300	850	2400	---	---	---	---	---	MCC
MW-1	09/08/06	19.60	7.78	sheen	11.82	34000	3000	7900	1800	780	2300	---	---	---	---	---	MCC
QC-1 (c)	09/08/06	---	---	---	---	39000	---	6300	1600	680	2000	---	---	---	---	---	MCC

TABLE 1 - SUMMARY OF GROUNDWATER SAMPLING
 XTRA OIL COMPANY SERVICE STATION
 1701 PARK STREET, ALAMEDA, CALIFORNIA

ALISTO PROJECT NO. 10-210

WELL ID	DATE OF MONITORING/SAMPLING	CASING ELEVATION (Feet)	DEPTH TO WATER (a) (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	OTHER SVOCs (ug/l)	NAPHTHALENE (ug/l)	BENZO-PYRENE (ug/l)	DO (ppm)	LAB	
MW-2	11/04/84	20.31	9.12	0.16	11.31	—	—	—	—	—	—	—	—	—	—	—	—	
MW-2	01/11/95	20.31	6.75	—	13.56	—	—	—	—	—	—	—	—	—	—	—	—	
MW-2	02/24/95	20.31	7.11	0.18	13.34	—	—	—	—	—	—	—	—	—	—	—	—	
MW-2	05/25/95	20.31	7.01	0.01	13.31	—	—	—	—	—	—	—	—	—	—	—	—	
MW-2	08/30/95	20.31	6.58	0.12	11.82	—	—	—	—	—	—	—	—	—	—	—	—	
MW-2	11/16/95	20.31	6.07	0.01	11.26	—	—	—	—	—	—	—	—	—	—	—	—	
MW-2	03/20/96	20.31	6.79	0.01	13.53	—	—	—	—	—	—	—	—	—	—	—	—	
MW-2	06/13/96	20.31	7.41	0.01	12.91	—	—	—	—	—	—	—	—	—	—	—	—	
MW-2	09/23/96	20.31	7.83	0.01	12.49	30000	19000	4600	180	1500	4100	2600	—	—	—	5.5	MCC	
QC-1 (c)	09/23/96	—	—	—	—	33000	—	4700	170	1600	3900	2400	—	—	—	—	MCC	
MW-2	12/19/96	20.31	7.37	0.01	12.95	29000	—	1800	240	1400	5400	(d)	—	—	ND<10	—	MCC	
QC-1 (c)	12/19/96	—	—	—	—	29000	—	580	210	1300	5100	—	—	—	—	—	MCC	
MW-2	05/09/97	20.31	6.11	0.21	14.36	34000	6700000	4600	260	1500	4300	1600	—	—	—	3.7	MCC	
MW-2	09/11/97	20.31	7.70	0.03	12.63	44000	1200000	3900	250	2400	7400	ND<610	—	—	—	6.5	MCC	
QC-1 (c)	09/11/97	—	—	—	—	47000	1100000	4000	420	2700	8300	920	—	—	—	—	MCC	
MW-2	12/15/97	20.31	7.87	0.03	12.46	32000	68000	4600	130	2200	5400	ND<470	—	—	—	6	MCC	
MW-2	03/11/98	20.31	5.61	0.18	14.84	44000	3800	5200	220	2000	5000	1100	—	—	—	6.2	MCC	
MW-2	06/23/98	20.31	6.74	0.02	13.59	75000	570000	5900	390	3100	8300	8400	—	—	—	6.3	MCC	
MW-2	12/01/98	20.31	7.30	—	13.01	36000	—	3800	73	1500	3900	2000	—	—	—	1.9	MCC	
MW-2	03/30/99	20.31	6.51	0.13	13.90	23000	23000	5000	100	610	870	21000	—	—	—	1.7	MCC	
MW-2	08/16/99	20.31	8.04	0.21	12.43	30000	—	5200	67	1100	1800	6000	—	—	—	2.6	MCC	
MW-2	12/31/99	20.31	8.20	0.01	12.12	43000	340000	7600	97	1400	2500	4300	—	—	—	9.0	MCC	
MW-2	03/31/00	20.31	6.29	0.01	14.03	26000	200000	4000	58	1100	1500	13000	—	—	—	8.1	MCC	
MW-2	07/14/00	20.31	8.02	—	12.29	35000	170000	5000	76	1100	2500	4900	—	—	—	3.9	MCC	
MW-2	10/04/00	20.31	8.62	—	11.89	22000	67000	4700	97	1300	1000	1900	—	—	—	1.8	MCC	
MW-2	12/21/00	20.31	7.70	—	12.61	23000	16000	3700	85	770	490	8600	—	220	ND<10	0.6	MCC	
MW-2	04/13/01	20.31	7.05	—	13.26	25000	21000	6400	79	790	670	8300	—	—	—	1.1	MCC	
MW-2	06/27/01	20.31	7.50	—	12.81	34000	10000	5400	100	520	370	6800	—	—	—	0.7	MCC	
MW-2	09/20/01	20.31	8.10	—	12.21	28000	64000	4600	78	670	500	2000	—	—	—	0.4	MCC	
MW-2	12/21/01	20.31	6.66	—	13.65	30000	18000	3000	52	1700	970	ND<100	—	—	—	0.9	MCC	
MW-2	02/04/02	20.31	6.75	—	13.56	17000	35000	3600	ND<50	960	500	1200	—	—	—	1.3	MCC	
MW-2	05/07/02	20.31	7.20	—	13.11	16000	59000	3500	43	520	220	3100	—	—	—	1.0	MCC	
MW-2	08/22/02	20.31	7.98	—	12.35	15000	60000	2700	30	460	220	700	—	—	—	4.2	MCC	
MW-2	11/08/02	20.31	7.66	—	12.62	15000	100000	2100	60	1100	150	ND<250	—	—	—	—	MCC	
MW-2	02/07/03	20.31	6.52	—	13.79	11000	—	4400	24	ND<12	77	1900	—	—	—	0.7	MCC	
MW-2	05/02/03	20.31	6.40	—	13.91	16000	79000	1800	23	860	210	ND<350	—	—	—	—	MCC	
MW-2	08/14/03	20.31	7.77	—	12.54	13000	4300	1600	21	450	80	ND<400	—	—	—	0.9	MCC	
MW-2	11/14/03	20.31	7.85	—	12.46	12000	13000	1700	29	600	100	ND<600	—	—	—	0.7	MCC	
MW-2	03/01/04	20.31	6.10	—	14.21	17000	43000	3900	100	670	430	1800	—	—	—	0.42	MCC	
MW-2	06/30/04	20.31	7.61	—	12.70	14000	12000	3800	33	390	72	1900	—	—	—	—	MCC	
MW-2	10/20/04	20.31	7.12	—	13.19	14000	7900	3700	47	300	100	1700	—	—	—	—	MCC	
MW-2	03/24/05	20.31	5.78	—	14.63	15000	57000	3000	ND<25	400	58	ND<900	—	—	—	—	MCC	
MW-2	06/14/05	20.31	6.92	—	13.39	15000	53000	2100	31	310	49	530	—	—	—	0.8	MCC	
MW-2	09/12/05	20.31	8.25	0.01	12.06	10000	11000	2600	30	200	ND<10	660	—	—	—	2.6	MCC	
MW-2	01/04/06	(g)	20.31	6.45	<0.01	13.86	7300	14000	1500	18	180	47	ND<250	—	—	—	—	MCC
MW-2	04/04/06	(h)	20.31	6.14	—	14.17	9500	130000	2200	35	170	52	ND<250	—	—	—	—	MCC
MW-2	06/12/06	20.31	7.15	0.01	13.16	10000	29000	2200	46	74	59	460	—	—	—	—	—	MCC
MW-2	09/08/06	20.31	8.22	sheen	12.09	12000	7400	1800	25	130	38	ND<300	—	—	—	—	—	MCC
MW-3	11/04/84	20.57	8.92	—	11.65	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	—	MCC
MW-3	01/11/95	20.57	5.67	—	14.90	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	02/24/95	20.57	6.11	—	14.46	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	—	MCC
MW-3	05/25/95	20.57	6.24	—	14.33	91	ND<50	28.0	12.0	2.1	6.5	—	—	—	—	—	—	MCC
MW-3	08/30/95	20.57	8.27	—	12.30	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	4.6	MCC
MW-3	11/16/95	20.57	8.82	—	11.75	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	—	MCC
MW-3	03/20/96	20.57	5.44	—	15.13	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	—	MCC
MW-3	06/13/96	20.57	6.17	—	14.40	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	—	MCC
MW-3	09/23/96	20.57	6.57	—	14.00	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	—	MCC
MW-3	12/19/96	20.57	6.59	—	13.98	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	MCC
MW-3	05/09/97	20.57	7.00	—	13.57	ND<50	59	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	—	MCC
MW-3	09/11/97	20.57	6.92	—	13.95	ND<50	82	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	—	MCC
MW-3	12/15/97	20.57	7.03	—	13.54	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	—	MCC
MW-3	03/11/98	20.57	4.71	—	15.86	ND<50	ND<50	ND<0.5	1.8	0.6	3.1	ND<5.0	—	—	—	—	—	MCC
MW-3	06/23/98	20.57	6.33	—	14.24	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	—	MCC
MW-3	12/01/98	20.57	6.74	—	13.83	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	—	MCC
MW-3	03/30/99	20.57	5.68	—	14.89	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	—	MCC
MW-3	08/16/99	20.57	7.67	—	12.90	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	—	MCC
MW-3	12/31/99	20.57	8.07	—	12.50	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	—	MCC
MW-3	03/31/00	20.57	5.99	—	14.98	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	—	MCC
MW-3	07/14/00	20.57	7.84	—	12.93	68	ND<50	0.89	1.7	2.1	9.5	ND<5.0	—	—	—	—	—	MCC
MW-3	10/04/00	20.57	8.34	—	12.23	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	—	MCC
MW-3	12/21/00	20.57	7.00	—	13.57	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	—	MCC
MW-3	04/13/01	20.57	6.38	—	14.19	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	—	MCC
MW-3	06/27/01	20.57	7.37	—	13.20	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	—	MCC
MW-3	09/20/01	20.57	8.25	—	12.52	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	—	MCC
MW-3	12/21/01	20.57	5.72	—	14.85	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	—	MCC
MW-3	02/04/02	20.57	5.85	—	14.72	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—			

TABLE 1 - SUMMARY OF GROUNDWATER SAMPLING
XTRA OIL COMPANY SERVICE STATION
1701 PARK STREET, ALAMEDA, CALIFORNIA

ALISTO PROJECT NO. 10-210

WELL ID	DATE OF MONITORING/SAMPLING	CASING ELEVATION (Feet)	DEPTH TO WATER (Feet) (a)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (Feet) (b)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	OTHER SVOCs (ug/l)	NAPHTHALENE (ug/l)	BENZO-PYRENE (ug/l)	DO (ppm)	LAB
MW-3	02/07/03	20.57	5.85	---	14.52	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---	2.8	MCC
MW-3	05/02/03	20.57	5.75	---	14.82	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---	---	MCC
MW-3	08/14/03	20.57	7.74	---	12.83	ND<50	ND<50	1.6	ND<0.5	0.82	3.2	ND<5.0	---	---	---	2.1	MCC
MW-3	11/14/03	20.57	7.75	---	12.82	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---	0.8	MCC
MW-3	03/01/04	20.57	5.17	---	15.40	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---	0.92	MCC
MW-3	06/30/04	(e) 20.57	7.48	---	13.09	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---	0.82	MCC
MW-3	10/26/04	20.57	6.47	---	14.10	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---	3.0	MCC
MW-3	03/24/05	20.57	4.70	---	15.87	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---	3.0	MCC
MW-3	06/14/05	20.57	5.99	---	14.58	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---	2.7	MCC
MW-3	09/12/05	20.57	7.89	---	12.68	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---	3.3	MCC
MW-3	01/04/06	(g) 20.57	5.10	---	15.47	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---	---	MCC
MW-3	04/04/06	(h) 20.57	4.93	---	15.64	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---	---	MCC
MW-3	06/12/06	20.57	6.20	---	14.37	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---	---	MCC
MW-3	09/08/06	20.57	7.81	---	12.76	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---	---	MCC
MW-4	05/09/97	19.69	7.17	---	12.52	31000	15000	540	1300	1000	4500	1900	ND	2.1	ND<2	3.1	MCC/CHR
MW-4	09/11/97	19.69	7.71	---	11.98	40000	6500	2000	3100	1700	7700	3400	---	---	---	6.4	MCC
MW-4	12/15/97	19.69	7.87	---	11.82	14000	2100	910	690	390	2700	1700	---	---	---	5.5	MCC
MW-4	03/11/98	19.69	3.51	---	16.18	2800	780	68	94	72	430	140	---	---	---	6	MCC
MW-4	06/23/98	19.69	5.21	---	14.48	15000	2800	240	630	720	2700	370	---	---	---	5.4	MCC
MW-4	12/01/98	19.69	6.45	---	13.24	21000	---	580	1000	530	3600	1700	---	---	---	4.4	MCC
MW-4	03/20/99	19.69	5.41	---	14.28	41000	3600	3100	3400	1700	6700	5700	---	---	---	4.6	MCC
MW-4	08/16/99	19.69	7.35	---	12.34	24000	---	4600	940	1200	2700	9700	---	---	---	3.4	MCC
MW-4	12/31/99	19.69	7.71	---	11.98	14000	2000	510	630	600	3100	3500	---	---	---	10.1	MCC
MW-4	03/31/00	19.69	5.22	---	14.47	14000	1400	470	480	580	2200	2000	---	---	---	6.8	MCC
MW-4	07/14/00	19.69	7.31	---	12.38	37000	4300	770	1500	1800	7200	1700	---	---	---	3.3	MCC
MW-4	10/04/00	19.69	7.11	---	12.58	47000	3200	870	2000	2600	9800	ND<1500	---	---	---	1.7	MCC
MW-4	12/21/00	19.69	6.66	---	12.83	13000	1800	370	410	460	1500	---	---	88	ND<10	0.6	MCC
MW-4	04/13/01	19.69	6.02	---	13.67	20000	2800	710	640	620	2900	2300	---	---	---	1.0	MCC
MW-4	06/27/01	19.69	6.72	---	12.97	23000	2100	510	1100	1100	4300	1400	---	---	---	1.0	MCC
MW-4	09/20/01	19.69	7.30	---	12.39	36000	4400	460	1300	1700	6700	1000	---	---	---	2.0	MCC
MW-4	12/21/01	19.69	4.55	---	15.14	11000	5600	130	250	480	2400	ND<320	---	---	---	1.6	MCC
MW-4	02/04/02	19.69	5.82	---	13.87	50000	12000	3000	8100	1900	7600	ND<500	---	---	---	2.0	MCC
MW-4	05/07/02	19.69	6.08	---	13.61	17000	3200	270	820	870	3700	ND<500	---	---	---	2.6	MCC
MW-4	08/22/02	19.69	7.45	---	12.24	26000	3800	720	920	1500	6500	2100	---	---	---	4.6	MCC
MW-4	11/08/02	19.69	6.74	---	12.95	20000	3600	290	630	1200	5100	670	---	---	---	---	MCC
MW-4	02/07/03	19.69	4.86	---	14.83	13000	---	520	1300	ND<25	3600	420	---	---	---	2.1	MCC
QC-1 (c)	02/07/03	---	---	---	---	13000	---	510	1200	83	3100	420	---	---	---	---	MCC
MW-4	05/02/03	19.69	5.45	---	14.24	18000	3800	280	550	810	3600	470	---	---	---	---	MCC
MW-4	08/14/03	19.69	7.20	---	12.49	31000	4100	720	810	1300	6400	1100	---	---	---	1.2	MCC
MW-4	11/14/03	19.69	6.92	---	12.77	18000	3300	450	320	1000	4500	ND<1000	---	---	---	0.7	MCC
QC-1 (e)	11/14/03	---	---	---	---	---	---	440	310	1100	4500	ND<1000	---	---	---	---	MCC
MW-4	03/01/04	19.69	5.10	---	14.59	15000	2500	110	210	580	2700	240	---	---	---	0.61	MCC
QC-1 (e)	03/01/04	---	---	---	---	15000	---	110	220	610	2800	250	---	---	---	---	MCC
MW-4	06/30/04	(e) 19.69	6.70	---	12.99	23000	5800	330	550	1300	5200	ND<900	---	---	---	0.61	MCC
MW-4	10/26/04	19.69	6.05	---	13.64	19000	3800	150	380	950	3800	ND<300	---	---	---	2.0	MCC
MW-4	03/24/05	19.69	4.23	---	15.46	6600	1900	62	28	190	950	ND<120	---	---	---	2.0	MCC
MW-4	06/14/05	19.69	5.58	---	14.11	23000	5600	160	510	1200	4000	ND<500	---	---	---	2.1	MCC
MW-4	09/12/05	19.69	7.84	---	11.95	24000	4000	1400	640	1400	3900	1400	---	---	---	2.2	MCC
MW-4	01/04/06	(g) 19.69	4.65	---	15.04	20000	2800	740	350	930	2900	1100	---	---	---	---	MCC
MW-4	04/04/06	(h) 19.69	4.62	---	15.07	8100	2000	300	64	490	1200	530	---	---	---	---	MCC
MW-4	06/12/06	19.69	6.07	sheen	13.62	24000	4500	270	390	1300	3600	340	---	---	---	---	MCC
MW-4	09/08/06	(i) 19.69	7.42	sheen	12.27	20000	3100	1700	240	930	2000	1800	---	---	---	---	MCC
QC-2 (f)	11/04/94	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---	MCC
QC-2 (f)	02/24/95	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---	MCC
QC-2 (f)	05/25/96	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---	MCC
QC-2 (f)	08/30/95	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---	MCC
QC-2 (f)	11/16/95	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---	MCC
QC-2 (f)	03/20/96	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---	MCC
QC-2 (f)	06/13/96	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---	MCC

ABBREVIATIONS:

TPH-G	Total petroleum hydrocarbons as gasoline using EPA Methods 5030/8015
TPH-D	Total petroleum hydrocarbons as diesel using EPA Methods 3510/8015
B	Benzene using EPA Methods 5030/8020
T	Toluene using EPA Methods 5030/8020
E	Ethylbenzene using EPA Methods 5030/8020
X	Total xylenes using EPA Methods 5030/8020
MTBE	Methyl tert butyl ether using EPA Methods 5030/8020
SVOCs	Semivolatile organic compounds using EPA Method 8270
DO	Dissolved oxygen
ug/l	Micrograms per liter
ppm	Parts per million
---	Not analyzed/applicable/measurable
ND	Not detected above reported detection limit
MCC	McC Campbell Analytical, Inc.
CHR	Chromatlab, Inc.

NOTES:

(a)	Top of casing surveyed relative to mean sea level.
(b)	Groundwater elevations expressed in feet above mean sea level, and adjusted assuming a specific gravity of 0.75 for free product.
(c)	Blind duplicate.
(d)	Other SVOCs detected at concentrations of 200 ug/l 2-methylnaphthalene and 14 ug/l phenanthrene
(e)	Wells monitored 6/15/04.
(f)	Travel blank.
(g)	4th Quarter 2005 sampling
(h)	1st Quarter 2006 sampling
(i)	Well recharge was exceeding slow; not to be used in prepaying contours