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Danville, CA 94526
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1:30 pm, Jul 20, 2011
Alameda County
Environmental Health

July 11, 2011

Mr. Paresh Khatri
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

SUBJECT: SEMI-ANNUAL GROUNDWATER MONITORING AND SAMPLING REPORT CERTIFICATION
County Case # RO 209
VIP Service
3889 Castro Valley Blvd.
Castro Valley, CA

Dear Mr. Khatri:

You will find enclosed one copy of the following document prepared by P&D Environmental, Inc.

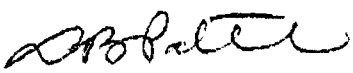
- Semi-Annual Groundwater Monitoring and Sampling Report (June 21, 2011 Sampling Event) dated July 11, 2011 (document 0047.R49).

I declare, under penalty of perjury, that the information and/or recommendations contained in the above-mentioned document for the subject site is true and correct to the best of my knowledge.

Should you have any questions, please do not hesitate to contact my consultant Paul King at P&D Environmental, Inc. at (510) 658-6916.

Sincerely,

VIP Service



Lalji Patel

Enclosure

0047.L120

P&D ENVIRONMENTAL, INC.

55 Santa Clara Avenue, Suite 240
Oakland, CA 94610
(510) 658-6916

July 11, 2011
Report 0047.R49

Mr. L.B. Patel
Mr. P. Gupta
VIP Service
385 Century Circle
Danville, CA 94526

SUBJECT: SEMI-ANNUAL GROUNDWATER MONITORING AND SAMPLING REPORT
(JUNE 21, 2011 SAMPLING EVENT)
County Case # RO 209
VIP Service
3889 Castro Valley Blvd.
Castro Valley, CA

Gentlemen:

P&D Environmental, Inc. (P&D) is pleased to present this report documenting the monitoring of all wells for the site with the exception of C1 and F4 which were inaccessible because of parked cars, and the sampling of wells MW3, EW1, OW1, OW3, OW5 and C3 on June 21, 2011. Monitoring of all accessible wells and sampling of the selected wells in the groundwater monitoring network was performed in accordance with recommendations set forth in P&D's Well Installation Report dated February 22, 2011 (document 0047.R47). Sampling was performed using low flow purge methods. The reporting period is for January through June 2011. A Site Location Map (Figure 1) and Site Plan (Figure 2) are attached with this report.

Wells MW1 through MW3 have historically been sampled in accordance with a letter from the Alameda County Department of Environmental Health (ACDEH) dated March 18, 1994 for the subject site. Based upon a telephone conversation with Mr. Scott Seery of the ACDEH on July 31, 1995, the sampling of monitoring wells MW1 and MW2 was reduced to semi-annually. Based upon subsequent conversations, the sampling and monitoring of well MW3 was also reduced to semi-annually. In addition, it was agreed that no further analysis for Total Petroleum Hydrocarbons as Diesel (TPH-D) was required for well MW3.

In a letter dated July 24, 2009 from the ACDEH Mr. Paresh Khatri requested that P&D review historical groundwater sampling results and identify the quarter during which the highest chemical concentrations typically occur, and based on this evaluation select the appropriate semi-annual monitoring and sampling schedule (first and third quarters, or second and fourth quarters of each year). Based on our evaluation, the highest groundwater concentrations were encountered during the second and fourth quarters. The current monitoring and sampling of wells was performed on June 21, 2011 during the second quarter and continues the implementation of second and fourth quarter sampling.

BACKGROUND

It is P&D's understanding that the site was purchased by VIP Service in December 1984. Prior to purchase of the property by VIP Service, the site was operated as a retail gasoline station for an undetermined period of time. The site was operated by VIP Service as a retail gasoline station from the time of purchase until the tanks were removed by Accutite on April 26, 1993. The underground tank system consisted of three 10,000-gallon capacity gasoline tanks, two dispenser islands, and one 550-gallon waste oil tank. It is P&D's understanding that the fuel tanks contained leaded and unleaded gasoline while in use by VIP Service. In addition, VIP Service reported that diesel fuel was not stored at the site at any time.

Documentation of the installation of monitoring wells MW1 through MW3, associated soil boring, and associated sample results are presented in P&D's report 0047.R2 dated January 24, 1994. The locations of the monitoring wells are shown in Figure 2.

In response to a letter dated March 18, 1994 from Mr. Scott Seery of the ACDEH which commented upon the results of the initial groundwater sampling associated with the installation of the monitoring wells at the subject site, a quarterly groundwater monitoring and sampling program was initiated. Based upon subsequent conversations with Mr. Seery, the monitoring and sampling frequency was reduced to semi-annually.

A detailed discussion on the site background, and historical monitoring and sampling, and investigations are provide in P&D's Remedial Investigation and Feasibility Study (RI/FS) Work Plan dated May 17, 2005 (document 0047.W5), and P&D's Groundwater and Soil Gas Subsurface Investigation Report dated October 27, 2009 (document 0047.R42). On December 6 through 9, 2010 P&D oversaw the installation of dual phase extraction wells EW1 through EW3, observation wells OW1 and OW3 through OW6, soil vapor extraction wells C1 through C4, and soil vapor extraction wells F1 through F4 at and near the subject site. The wells were installed in accordance with procedures identified in P&D's Remedial Investigation and Feasibility Study (RI/FS) Work Plan dated May 17, 2005 (document 0047.W5), P&D's Remedial Investigation and Feasibility Study (RI/FS) Work Plan Addendum dated August 13, 2007 (document 0047.W5A), and documents referenced in an ACDEH August 20, 2010 letter approving installation of the wells. New wells EW1 through EW3, OW1 and OW3 through OW6, C1 through C4, and F1 through F4 were installed and surveyed in December 2010. Documentation of the installation of the new wells is provided in P&D's Well Installation Report dated February 22, 2011 (document 0047.R47). Based on the sample results from the initial sampling of the new wells, P&D recommended that semi-annual monitoring of all of the wells be performed and that semi-annual sampling of wells MW3, EW1, OW1, OW3, OW5 and C3 be performed. Additional recommendations related to additional investigation of the extent of petroleum hydrocarbons in soil gas and groundwater and potential vapor intrusion concerns are provided in P&D's February 22, 2011 Groundwater and Soil Gas Subsurface Investigation Report (document 0047.R46).

FIELD ACTIVITIES

On June 21, 2011 P&D personnel monitored previously installed groundwater monitoring wells MW1 through MW3, and recently installed wells EW1 through EW3, OW1 and OW3 through

OW6, C2 through C4, and F1 through F3, located at and near the subject site. Wells C1 and F4 could not be monitored because cars were parked on top of the wells. On June 21, 2011 wells MW3, EW1, OW1, OW3, OW5 and C3 were sampled by P&D personnel. The locations of the wells are shown in Figure 2.

The wells were monitored for depth to water to the nearest 0.01 foot using an electric water level indicator and for the presence of free product or sheen using a transparent bailer. No free product or sheen was observed in any of the wells. The measured depth to groundwater on June 21, 2011 prior to purging wells for sampling ranged from 1.71 to 3.79 feet for wells located on the downgradient offsite property (wells EW1, EW2, OW1, OW3, OW6, C2 and C3 at 3945 Castro Valley Boulevard) and ranged from 5.37 to 7.87 feet for wells located on the subject site property (MW1, MW2, MW3, EW3, OW4, OW5, C4, F1, F2 and F3). Wells C1 and F4 were inaccessible because of parked cars and were not monitored. Depth-to-water level measurements are presented in Table 1.

Prior to sampling, wells MW3, EW1, OW1, OW3, OW5 and C3 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 400 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.

No petroleum hydrocarbon sheen was detected on the water purged from any of the purged wells, and no odor was detected in the water purged from wells MW3, EW1, OW1 and OW3. In wells OW5 and C3 moderate to strong petroleum hydrocarbon odors were detected on the purge water.

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

The VOA vials were labeled and then transferred to a cooler with ice, until they were transported 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. Water purged from the wells during purging operations was stored in a Department of Transportation (DOT) approved 55-gallon drum at the site pending appropriate disposal.

HYDROGEOLOGY

Groundwater level data collected during the monitoring period are presented in Table 1. The calculated groundwater flow direction using water level data from wells MW1, MW2 and MW3 at

the site on June 21, 2011 and groundwater surface contours based on the measured depth to water in all of the wells on June 21, 2011 are shown on Figure 2.

Water levels were measured in the wells once during the report period prior to purging for sampling, with the exception of C1 and F4 which were inaccessible because of parked cars. The measured depth to groundwater on June 21, 2011 prior to purging wells for sampling ranged from 1.71 to 3.79 feet for wells located on the downgradient offsite property (wells EW1, EW2, OW1, OW3, OW6, C2 and C3 at 3945 Castro Valley Boulevard) and ranged from 5.37 to 7.87 feet for wells located on the subject site property (MW1, MW2, MW3, EW3, OW4, OW5, C4, F1, F2 and F3). Depth-to-water level measurements are presented in Table 1.

The three groundwater monitoring wells MW1, MW2 and MW3 were installed in 1993 and were surveyed in 1993 relative to the North American Geodetic Vertical Datum of 1929 (NGVD 29). In February 2011 these three wells were resurveyed relative to the North American Vertical Datum of 1988 (NAVD 88). All of the new wells (EW1 through EW3; OW1, OW3 through OW6; C1 through C4; and F1 through F4) were surveyed in December 2010 relative to NAVD 88. All of the calculated groundwater surface elevations in Table 1 are relative to NAVD 88, and all of the calculated groundwater surface elevations in reports prior to 2011 for the site are relative to NGVD 29.

Based on the water levels measured in wells MW1, MW2 and MW3 on June 21, 2011 the groundwater flow direction was to the west-northwest and the gradient was 0.011. Since the previous monitoring event on December 20, 2010 the groundwater flow direction has shifted slightly north and the gradient has decreased 0.014. Based on the measured depth to water in all of the wells, groundwater surface contours were identified as shown on Figure 2.

A retaining wall separates the upslope property at 3889 Castro Valley Boulevard (the subject site) from the 3945 Castro Valley Boulevard property (located immediately downslope from the subject site). The retaining wall increases in height with increasing distance from Castro Valley Boulevard. All of the wells identified as having water levels that are less than 4.00 feet from the top of well are located on the downslope property (3945 Castro Valley Boulevard) with respect to the subject site.

LABORATORY RESULTS

The groundwater samples collected from wells MW3, EW1, OW1, OW3, OW5 and C3 were analyzed at McCampbell Analytical, Inc. in Pittsburg, California for Total Petroleum Hydrocarbons as Gasoline (TPH-G), and methyl-tert-butyl ether (MTBE), benzene, toluene, ethylbenzene, and xylenes (MBTEX), using EPA Method 8021B in conjunction with modified EPA Method 8015B. 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.

MTBE was not detected in any of the groundwater samples collected from any of the wells, and no analytes were detected in the groundwater samples collected from wells MW3, EW1 and OW3 with the exception of 3.8 ug/L benzene in MW3 and 1.2 ug/L benzene and 0.82 ug/L ethylbenzene in well OW3. In wells OW1, OW5 and C3 TPH-G was detected at concentrations

of 600, 16,000 and 11,000 ug/L, respectively, and benzene was detected at concentrations of 50, 350 and 2,300 ug/L, respectively.

Review of the laboratory analytical report shows that the laboratory described the TPH-G results for the samples collected from wells OW1, OW5 and C3 as consisting of weakly modified or unmodified gasoline.

DISCUSSION AND RECOMMENDATIONS

The wells were monitored and sampled once during the reporting period. Sampling was performed using U.S. EPA low flow purge methods. Based on water level measurements and samples obtained from the wells, groundwater surface elevation contours are shown in Figure 2, and groundwater TPH-G and benzene concentrations are shown in Figures 3 and 4, respectively. The detected concentrations of TPH-G and benzene associated with the June 21, 2011 sampling event are shown on Figures 3 and 4, however the contours shown on the figures are for the December 21, 2010 sample results because the December 21, 2010 data is for most of the wells. The reduced number of samples collected during the June 21, 2011 is intended to verify the plume perimeter and interior conditions observed during the December 21, 2010 sampling event.

Comparison of the December 21, 2010 sample results with the June 21, 2011 sample results (see Table 2 and Figures 3 and 4) shows that TPH-G results decreased from 1,000 to ND<50 ug/L at MW2; from 3,900 to ND<50 ug/L at EW1, from 47,000 to 16,000 at OW5; and from 200 to ND<50 ug/L at OW3; and increased from 450 to 600 ug/L at OW1. The TPH-G concentration at C3 remained unchanged. Similarly, the benzene results decreased from 370 to 3.8 ug/L at MW3; from 770 to ND<0.5 ug/L at EW1; and from 2.1 to 1.2 ug/L at OW3; and increased from 330 to 350 ug/L at OW5; from 17 to 50 at OW1; and from 280 to 2,300 at C3. The June 21, 2011 TPH-G sample results indicate that the area enclosed by the 40,000 ug/L TPH-G contour does not include OW5 and that 1,000 ug/L TPH-G contour is north of MW3. Similarly, the western extent of the 1,000 ug/L benzene contour encompasses C3 and the southern extent of the 100 ug/L benzene contour is to the north of EW1 and MW3.

Although the downgradient extent of petroleum hydrocarbons is not fully defined in wells C3 and OW1, historical groundwater grab samples collected from boreholes P29 and P30 show that benzene was not detected at these downgradient locations and that petroleum hydrocarbons were not detected at these locations at concentrations exceeding their respective SFRWQCB May 2008 Table A groundwater ESL values. Similarly, benzene was not detected in historical groundwater grab samples collected from downgradient locations P29, P30 or P32 at concentrations exceeding the SFRWQCB May 2008 Table E-1 (groundwater screening level for evaluation of potential vapor intrusion concerns) ESL value of 540 ug/L for residential land use. Although elevated groundwater grab sample petroleum hydrocarbon concentrations have historically been detected at groundwater grab sample locations downgradient of the wells, groundwater grab samples from boreholes are intended for screening purposes only and may be positively biased from petroleum hydrocarbons adsorbed on sediments in the samples. The groundwater results from wells are considered to be representative of water quality in the vicinity of the site. For these reasons, the extent of petroleum hydrocarbons in groundwater exceeding the SFRWQCB May 2008 Table E-1

residential land use benzene concentration of 540 ug/L has been defined by the wells located at and near the subject site.

The C3 benzene groundwater sample result of 2,300 ug/L exceeds the SFRWQCB May 2008 Table E-1 ESL value of 540 ug/L for residential land use. P&D recommends that the semi-annual monitoring and sampling program be continued, with monitoring of all of the wells, and collection of samples from wells MW3, EW1, OW1, OW3, OW5 and C3 on a semi-annual basis. Continuation of the monitoring and sampling program should be re-evaluated upon regulatory agency review of P&D's May 17, 2005 Remedial Investigation/Feasibility Study Work Plan (document 0047.W5) implementation results. Recommendations related to additional investigation of the extent of petroleum hydrocarbons in soil gas and groundwater and potential vapor intrusion concerns are provided under separate cover in P&D's February 22, 2011 Groundwater and Soil Gas Subsurface Investigation Report (document 0047.R46).

DISTRIBUTION

Copies of this report will be uploaded to the ACDEH and State Water Resources Control Board GeoTracker databases.

LIMITATIONS

This report was prepared solely for the use of VIP Service. 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 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.

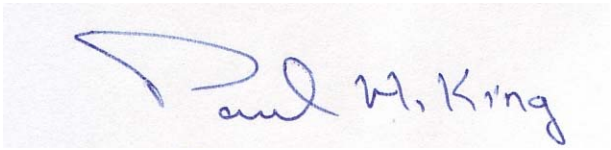
This report is issued with the understanding that it is the responsibility of the owner, or his representative, to ensure that the information contained herein is brought to the attention of the appropriate regulatory agencies, where required by law. Additionally, it is the sole responsibility of the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

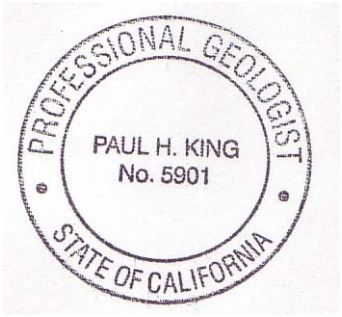
This report has been prepared in accordance with generally accepted practices using standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature. P&D is not responsible for the accuracy or completeness of information provided by other individuals or entities which is 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 0047.R49

Should you have any questions, 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 - Summary of Well Monitoring Data
Table 2 - Summary of Groundwater Analytical Results

Figure 1 - Site Location Map
Figure 2 - Site Vicinity Map Detail Showing Groundwater Surface Contours
Figure 3 - Site Vicinity Map Showing TPH-Gasoline Concentrations In Groundwater
Figure 4 - Site Vicinity Map Showing Benzene Concentrations In Groundwater

Groundwater Monitoring/Well Purging Data Sheets
Laboratory Analytical Reports and Chain of Custody Documentation

PHK/sjc
0047.R49

TABLES

TABLE 1

SUMMARY OF WELL MONITORING DATA

Well No.	Date Monitored	Top of Casing Elev. (ft.)	Depth to Water (ft.)	Water Table Elev. (ft.)	Sheen	Odor
MW1						
	6/21/2011	183.61#	7.87	175.74	Monitored Only	
	12/20/2010		7.27	176.34	None	None
	6/17/2010		7.63	175.98	None	None
	11/25/2009		7.66	175.95	None	None
	2/26/2009		8.64	174.97	None	None
	8/13/2008		9.56	174.05	None	None
	2/19/2008		8.47	175.14	None	None
	8/16/2007		9.01	174.60	None	None
	2/13/2007		6.85	176.76	None	None
	8/9/2006		7.47	176.14	None	None
	1/31/2006		7.53	176.08	None	None
	7/29/2005		7.90	175.71	None	None
	1/31/2005		8.37	175.24	None	None
	7/14/2004		9.47	174.14	None	None
	12/18/2003		9.26	174.35	None	None
	6/19/2003		9.00	174.61	None	None
	12/21/2002		9.09	174.52	None	None
	4/30/2002		9.03	174.58	None	None
	10/16/2001		9.33	174.28	None	None
	11/8/2000		9.04	174.57	None	None
	5/24/2000		7.97	175.64	None	None
	9/10/1999		8.79	174.82	None	None
	2/10/1999		7.72	175.89	None	None
	2/24/1998		6.61	177.00	None	None
	11/18/1997		9.71	173.90	None	None
	8/12/1997		9.39	174.22	None	None
	4/25/1997		8.37	175.24	None	None
	1/31/1997		7.62	175.99	None	None
	7/19/1996		8.81	174.80	None	None
	4/23/1996		8.17	175.44	None	None
	1/17/1996		9.66	173.95	None	None
	10/26/1995		10.00	173.61	None	None
	8/15/1995		9.23	174.38	None	None
	5/2/1995		8.56	175.05	None	None
	1/30/1995		9.50	174.11	None	None
	10/31/1994		11.55	172.06	None	None
	7/29/1994		10.86	172.75	None	None
	4/25/1994		10.70	172.91	None	None
	11/16/1993		11.63	171.98	None	None
	11/12/93*		11.53	172.08	None	None

NOTES:

Elevations are in feet above Mean Sea Level (NAVD 1988).
Elevations are in feet above Mean Sea Level (NGVD 1929) prior to December 17, 2010 in all other reports.
(NAVD 1929 top of casing elevation for MW1, MW2, MW3 are 180.83, 179.70, and 178.98 feet, respectively.
ft. = Feet.
* = Depth to water measurements prior to groundwater monitoring well development.

TABLE 1

SUMMARY OF WELL MONITORING DATA

Well No.	Date Monitored	Top of Casing Elev. (ft.)	Depth to Water (ft.)	Water Table Elev. (ft.)	Sheen	Odor
MW2						
	6/21/2011	182.48#	7.25	175.23	Monitored Only	
	12/20/2010		7.10	175.38	None	None
	6/17/2010		7.33	175.15	None	None
	11/25/2009		7.43	175.05	None	None
	2/26/2009		8.00	174.48	None	None
	8/13/2008		9.20	173.28	None	None
	2/19/2008		8.15	174.33	None	None
	8/16/2007		8.45	174.03	None	None
	2/13/2007		7.56	174.92	None	None
	8/9/2006		7.28	175.20	None	None
	1/31/2006		7.10	175.38	None	None
	7/29/2005		7.70	174.78	None	None
	1/31/2005		7.94	174.54	None	None
	7/14/2004		9.14	173.34	None	None
	12/18/2003		8.76	173.72	None	None
	6/19/2003		8.68	173.80	None	None
	12/21/2002		7.95	174.53	None	None
	4/30/2002		8.76	173.72	None	None
	10/16/2001		9.76	172.72	None	None
	11/8/2000		8.63	173.85	None	None
	5/24/2000		7.65	174.83	None	None
	9/10/1999		8.48	174.00	None	None
	2/10/1999		7.05	175.43	None	None
	2/24/1998		6.20	176.28	None	None
	11/18/1997		9.26	173.22	None	None
	8/12/1997		9.06	173.42	None	None
	4/25/1997		8.10	174.38	None	None
	1/31/1997		7.22	175.26	None	None
	7/19/1996		8.57	173.91	None	None
	4/23/1996		7.85	174.63	None	None
	1/17/1996		8.94	173.54	None	None
	10/26/1995		9.68	172.80	None	None
	8/15/1995		8.91	173.57	None	None
	5/2/1995		8.17	174.31	None	None
	1/30/1995		8.68	173.80	None	None
	10/31/1994		10.99	171.49	None	None
	7/29/1994		10.34	172.14	None	None
	4/25/1994		10.04	172.44	None	None
	11/16/1993		11.10	171.38	None	None
	11/12/1993*		10.95	171.53	None	None

NOTES:

Elevations are in feet above Mean Sea Level (NAVD 1988).
Elevations are in feet above Mean Sea Level (NGVD 1929) prior to December 17, 2010 in all other reports.
(NAVD 1929 top of casing elevation for MW1, MW2, MW3 are 180.83, 179.70, and 178.98 feet, respectively.
ft. = Feet.
* = Depth to water measurements prior to groundwater monitoring well development.

TABLE 1

SUMMARY OF WELL MONITORING DATA

Well No.	Date Monitored	Top of Casing Elev. (ft.)	Depth to Water (ft.)	Water Table Elev. (ft.)	Sheen	Odor
MW3						
	6/21/2011	181.72#	7.18	174.54	None	None
	12/20/2010		7.07	174.65	None	Slight-Moderate
	6/17/2010		7.28	174.44	None	Slight
	11/25/2009		7.42	174.30	None	Slight-Moderate
	2/26/2009		7.85	173.87	None	Slight-Moderate
	8/13/2008		8.92	172.80	Yes	Moderate
	2/19/2008		7.99	173.73	Yes	Moderate
	8/16/2007		8.41	173.31	No	Slight-Moderate
	2/13/2007		7.21	174.51	Yes	Slight-Moderate
	8/9/2006		7.27	174.45	Yes	Yes
	1/31/2006		7.14	174.58	None	Moderate-Strong
	7/29/2005		7.68	174.04	None	Strong
	1/31/2005		7.86	173.86	None	Moderate
	7/14/2004		8.91	172.81	None	None
	12/18/2003		8.55	173.17	None	Slight
	6/19/2003		8.48	173.24	None	Moderate
	12/21/2002		7.88	173.84	None	Strong
	4/30/2002		8.56	173.16	None	Strong
	10/16/2001		10.14	171.58	Yes	Moderate
	11/8/2000		8.45	173.27	Yes	Moderate
	5/24/2000		7.62	174.10	None	Slight
	9/10/1999		8.34	173.38	None	Slight
	2/10/1999		7.12	174.60	None	Moderate
	2/24/1998		6.55	175.17	Yes	Not Described
	11/18/1997		8.97	172.75	None	None
	8/12/1997		8.85	172.87	None	Strong
	4/25/1997		7.99	173.73	None	None
	1/31/1997		7.30	174.42	None	Not Described
	7/19/1996		8.42	173.30	None	None
	4/23/1996		7.76	173.96	None	Not Described
	1/17/1996		8.61	173.11	None	None
	10/26/1995		9.39	172.33	None	Not Described
	8/15/1995		8.62	173.10	None	None
	5/2/1995		8.04	173.68	Yes	None
	1/30/1995		8.46	173.26	Yes	Not described
	10/31/1994		10.58	171.14	None	None
	7/29/1994		10.03	171.69	None	Yes
	4/25/1994		9.64	172.08	None	None
	11/16/1993		10.63	171.09	None	Not Described
	11/12/93*		10.66	171.06	None	Yes

NOTES:

Elevations are in feet above Mean Sea Level (NAVD 1988).
Elevations are in feet above Mean Sea Level (NGVD 1929) prior to December 17, 2010 in all other reports.
(NAVD 1929 top of casing elevation for MW1, MW2, MW3 are 180.83, 179.70, and 178.98 feet, respectively.
ft. = Feet.
* = Depth to water measurements prior to groundwater monitoring well development.

TABLE1

SUMMARY OF WELL MONITORING DATA

Well No	Date	Top Of Casing Elevation (ft.)**	Depth To Water (ft.)	Water Table Elevation (ft.)	Change in Water Table Elevation (ft.)	Sheen	Odor
EW1	6/21/2011	175.51	1.71	173.80	-0.12	None	No
	12/20/2010		1.59	173.92	0.51	None	Slight
	12/17/2010*		2.10	173.41			
EW2	6/21/2011	176.65	2.74	173.91	0.00	Monitored Only	
	12/20/2010		2.74	173.91	0.44	None	Very Slight
	12/17/2010*		3.18	173.47			
EW3	6/21/2011	181.02	5.90	175.12	0.18	Monitored Only	
	12/20/2010		6.08	174.94	0.49	None	No
	12/17/2010*		6.57	174.45			
OW1	6/21/2011	174.20	2.96	171.24	-1.08	None	No
	12/20/2010		1.88	172.32	0.82	Yes	Very Slight
	12/17/2010*		2.70	171.50			
OW3	6/21/2011	176.70	3.65	173.05	-0.19	None	No
	12/20/2010		3.46	173.24	0.59	None	No
	12/17/2010*		4.05	172.65			
OW4	6/21/2011	180.74	5.54	175.20	0.21	Monitored Only	
	12/20/2010		5.75	174.99	0.40	None	Slight
	12/17/2010*		6.15	174.59			
OW5	6/21/2011	180.52	5.79	174.73	0.03	No	Moderate - Strong
	12/20/2010		5.82	174.70	0.50	Yes	Moderate - Strong
	12/17/2010*		6.32	174.20			
OW6	6/21/2011	177.02	2.93	174.09	-0.07	Monitored Only	
	12/20/2010		2.86	174.16	0.48	Yes	Moderate - Strong
	12/17/2010*		3.34	173.68			
C1	6/21/2011	177.37	Car Parked On Top of Well			No Access	
	12/20/2010		3.24	174.13	0.37	Yes	Moderate - Strong
	12/17/2010*		3.61	173.76			
C2	6/21/2011	177.72	3.79	173.93	0.05	Monitored Only	
	12/20/2010		3.84	173.88	0.37	Yes	Slight - Moderate
	12/17/2010*		4.21	173.51			
C3	6/21/2011	176.41	2.91	173.50	0.11	No	Moderate - Strong
	12/20/2010		3.02	173.39	0.08	None	Very Slight
	12/17/2010*		3.10	173.31			
C4	6/21/2011	180.06	5.37	174.69	0.04	Monitored Only	
	12/20/2010		5.41	174.65	0.49	Yes	Moderate - Strong
	12/17/2010*		5.90	174.16			
F1	6/21/2011	181.35	6.57	174.78	1.41	Monitored Only	
	12/20/2010		7.98	173.37	0.29	Monitored Only	
	12/17/2010*		8.27	173.08			
F2	6/21/2011	181.56	6.97	174.59	0.19	Monitored Only	
	12/20/2010		7.16	174.40	0.37	Monitored Only	
	12/17/2010*		7.53	174.03			
F3	6/21/2011	180.08	5.42	174.66	0.03	Monitored Only	
	12/20/2010		5.45	174.63	0.50	Monitored Only	
	12/17/2010*		5.95	174.13			
F4	6/21/2011	177.14	Car Parked On Top of Well			No Access	
	12/20/2010		3.26	173.88	-0.98	Monitored Only	
	12/17/2010*		2.28	174.86			

NOTES:

Elevations are in feet above Mean Sea Level (NAVD 1988).
* = Prior to well development.

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

Sample ID	Sampling Date	TPH-D	TPH-G	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	EPA Method 8260B	EPA Method 8270C
MW1	6/21/2011	Monitored Only; No Sample Collected								
MW2	6/21/2011	Monitored Only; No Sample Collected								
MW3	6/21/2011	N/A	ND<50	ND<5.0	3.8	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW1	12/20/2010	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	12/20/2010	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	12/20/2010	N/A	**1,000, a**	ND<20	**370**	5.5	28	**38**	All ND	All ND
MW1	6/17/2010	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	6/17/2010	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	6/17/2010	N/A	**1,200**	ND<45	**350**	9.7	**31**	**43**	All ND	All ND, except Naphthalene = 15
MW1	11/25/2009	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	11/25/2009	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	11/25/2009	N/A	**1,300**	ND<20	**320**	8.4	**36**	**41**	All ND	All ND, except Naphthalene = 12
MW1	2/26/2009	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	2/26/2009	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	2/26/2009	N/A	**2,400**	ND<50	**500**	14	**54**	**43**	All ND	All ND, except Naphthalene = **18**
MW1	8/13/2008	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	8/13/2008	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	8/13/2008	N/A	**8,700**	ND<90	**1,000**	31	**150**	**280**	All ND, except 1,2-DCA = **0.55**	All ND, except Naphthalene =**27**
MW1	2/19/2008	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	2/19/2008	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	2/19/2008	N/A	**4,200**	ND<100	**810**	28	**140**	**250**	All ND	All ND, except Naphthalene = **37**
MW1	8/16/2007	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	8/16/2007	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	8/16/2007	N/A	**4,300**	ND<50	**760**	30	**120**	**210**	All ND	All ND, except Naphthalene = **77**, Bis(2-ethylhexyl) Phthalate =**34**, 2-Methylnaphthalene =**35**
MW1	2/13/2007	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	2/13/2007	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	2/13/2007	N/A	**4,300**	ND<50	**610**	14	**94**	**130**	All ND, except Benzene = **790**, Ethylbenzene = **120**, Xylenes = **150**, Naphthalene = **22**, n-Butyl benzene = 28, n-Propyl benzene = 32, 1,2,4-Trimethylbenzene = 92, 1,3,5-Trimethylbenzene = 31	All ND, except Naphthalene = **22**
MW1	8/9/2006	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	8/9/2006	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	8/9/2006	N/A	**2,900**	ND<50	**580**	21	**100**	**130**	All ND	All ND, except Naphthalene = **29**, 2-Methylnaphthalene =**11**
MW1	1/31/2006	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	1/31/2006	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	1/31/2006	N/A	**2,000**	ND<15	**470**	14	**71**	**77**	All ND	All ND, except Naphthalene = 15,
MW1	7/29/2005	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	7/29/2005	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	7/29/2005	N/A	**11,000**	ND<110	**2,100**	**77**	**350**	**410**	All ND	All ND, except Naphthalene = **68**, 2-Methylnaphthalene =**23**

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

Sample ID	Sampling Date	TPH-D	TPH-G	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	EPA Method 8260B	EPA Method 8270C
MW1	6/21/2011	Monitored Only; No Sample Collected								
MW1	1/31/2005	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	1/31/2005	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	1/31/2005	N/A	**2,900**	ND<50	**960**	13	**37**	**89**	All ND, except	NA, All ND using EPA Method 8270D
									Benzene = **1,600**,	
									Toluene = 28,	
									Ethylbenzene = **190**,	
									Xylenes = **140**,	
									Naphthalene = **62**,	
									MTBE = **21**,	
									n-Propyl benzene = 46,	
									1,2,4-Trimethylbenzene = 43,	
									Isopropylbenzene = 18	
MW1	7/14/2004	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	7/14/2004	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	7/14/2004	N/A	**4,100**	ND<50	**980**	37	**120**	**150**	All ND	NA, All ND using EPA Method 8270D, except
										Naphthalene = **55**,
										2-Methylnaphthalene = **16**
MW1	12/18/2003	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	12/18/2003	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	12/18/2003	N/A	**9,700**	ND<100	**2,300**	**93**	**280**	**350**	NA, All ND using EPA Method 8021B	NA, All ND using EPA Method 8270D, except
										Naphthalene = **63**,
										2-Methylnaphthalene = **21**
MW1	6/19/2003	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	6/19/2003	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	6/19/2003	N/A	**16,000, a**	ND<250	**3,500**	**110**	**430**	**640**	NA, All ND using EPA Method 8021B	NA, All ND using EPA Method 8270D, except
										Naphthalene = **56**,
										2-Methylnaphthalene = **27**,
										Phenol = **24**
MW1	12/21/2002	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	12/21/2002	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	12/21/2002	N/A	**15,000, a**	ND<450	**3,300**	**180**	**480**	**1,000**	NA, All ND using EPA Method 8021B, except	NA, All ND using EPA Method 8270D, except
									1,2-DCA = **11**	Naphthalene = **35**,
										2-Methylnaphthalene = **14**
MW1	4/30/2002	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	4/30/2002	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	4/30/2002	N/A	**11,000**	ND<200	**2,200**	**120**	**370**	**590**	NA, All ND using EPA Method 8021B	NA, All ND using EPA Method 8270D, except
										Naphthalene = **53**
MW1	10/16/2001	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	10/16/2001	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	10/16/2001	N/A	**2,100**	ND<20	**520**	30	**77**	**130**	NA, All ND using EPA Method 8010	NA, All ND using EPA Method 8270
MW1	11/8/2000	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
									N/A	
MW2	11/8/2000	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	11/8/2000	N/A	**540**	ND<10	**150**	6.9	18	**29**	NA, All ND using EPA Method 8010, except	NA, All ND using EPA Method 8270
									1,2-DCA = **1.3**	
MW1	5/24/2000	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	5/24/2000	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	5/24/2000	N/A	**2,100**	**32**	**470**	27	**62**	**130**	NA, All ND using EPA Method 8010, except	NA, All ND using EPA Method 8270
									1,2-DCA = **1.7**	
MW1	9/10/1999	N/A	ND<50	**49**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	9/10/1999	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	9/10/1999	N/A	**390**	ND<10	**98**	7.3	12	**28**	NA, All ND using EPA Method 8010, except	NA, All ND using EPA Method 8270
									1,2-DCA = **2.0**	
MW1	2/10/1999	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	2/10/1999	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	2/10/1999	N/A	**4,100**	ND<220	**1,700**	**96**	**270**	**420**	NA, All ND using EPA Method 8010, except	NA, All ND using EPA Method 8270, except
									1,2-DCA = **2.8**	Naphthalene = **21**
MW1	2/24/1998	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	2/24/1998	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	2/24/1998	N/A	**19,000, a**	ND<200	**4,600**	**330**	**650**	**1,800**	NA, All ND using EPA Method 8010, except	NA, All ND using EPA Method 8270B, except
									1,2-DCA = **11**	Naphthalene = **83**,
										2-Methylnaphthalene = **19**,
										Phenol = **23**

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

Sample ID	Sampling Date	TPH-D	TPH-G	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	EPA Method 8260B	EPA Method 8270C
MW1	6/21/2011	Monitored Only; No Sample Collected								
MW1	11/18/1997	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MW2	11/18/1997	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MW3	11/18/1997	N/A	**2,100**	ND<55	**480**	**52**	**71**	**190**	NA, All ND using EPA Method 8010, except 1,2-DCA = **2.1**	NA, All ND using EPA Method 8270B, except Naphthalene = **58**, 2-Methylnaphthalene =**26**
MW1	8/12/1997	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	8/12/1997	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	8/12/1997	N/A	**16,000**	ND<330	**4,200**	**450**	**540**	**1,900**	NA, All ND using EPA Method 8010, except 1,2-DCA = **9.1**	NA, All ND using EPA Method 8270B, except Naphthalene = **87**, Bis(2-ethylhexyl) Phthalate =**21**, 2-Methylnaphthalene =**24**
MW1	4/25/1997	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MW2	4/25/1997	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MW3	4/25/1997	N/A	**30,000, a**	ND<440	**5,300**	**520**	**950**	**3,000**	NA, All ND using EPA Method 8010, except 1,2-DCA = **12**	NA, All ND using EPA Method 8270A, except Naphthalene = **66**, 2-Methylnaphthalene =**15**, Phenol = 2.8, 2,4-Dimethylphenol = 2.8, 4-Methylphenol = 2.4
MW1	1/31/1997	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	1/31/1997	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	1/31/1997	N/A	**5,500**	**63**	**1,600**	**100**	**190**	**410**	NA, All ND using EPA Method 8010, except 1,2-DCA = **14**	NA, All ND using EPA Method 8270A, except Naphthalene = **31**, 2-Methylnaphthalene =**4.8**, Phenol = **9.4**, 2,4-Dimethylphenol = 2.8
MW1	7/19/1996	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MW2	7/19/1996	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MW3	7/19/1996	N/A	**18,000, b**	**210**	**4,800**	**610**	**760**	**2,800**	NA, All ND using EPA Method 8010	NA, All ND using EPA Method 8270, except Naphthalene = **100**, 2-Methylnaphthalene =**22**, 2,4-Dimethylphenol = 2.2
MW1	4/23/1996	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	4/23/1996	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	4/23/1996	N/A	**9,700**	**150**	**2,900**	**170**	**380**	**680**	NA, All ND using EPA Method 8010, except 1,2-DCA = **5.1**	NA, All ND using EPA Method 8270, except Naphthalene = **56**, Phenol = **25**
MW1	1/17/1996	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MW2	1/17/1996	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MW3	1/17/1996	N/A	**21,000**	**260**	**4,100**	**370**	**520**	**1,500**	NA, All ND using EPA Method 8010, except 1,2-DCA = **11**	NA, All ND using EPA Method 8270, except Naphthalene = **32**, Bis(2-ethylhexyl) Phthalate =**4.7**, 2-Methylnaphthalene =**10**, Phenol = 2.2, 2,4-Dimethylphenol = 2.9, 4-Methylphenol = 5.1
MW1	10/26/1995	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	10/26/1995	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	10/26/1995	N/A	**19,000**	**240**	**4,000**	**480**	**640**	**1,800**	NA, All ND using EPA Method 8010, except 1,2-DCA = **11**	NA, All ND using EPA Method 8270, except Naphthalene = **43**
MW1	8/15/1995	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MW2	8/15/1995	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MW3	8/15/1995	N/A	**7,000**	N/A	**2,400**	**230**	**260**	**730**	NA, All ND using EPA Method 8010, except 1,2-DCA = **9.1**	NA, All ND using EPA Method 8270, except Naphthalene = **19**, 2-Methylnaphthalene =**3.0**, 2,4-Dimethylphenol = 5.0, 4-Methylphenol = 3.0
MW1	5/2/1995	N/A	ND<50	N/A	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	5/2/1995	N/A	ND<50	N/A	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	5/2/1995	**840, c**	**18,000**	N/A	**5,400**	**390**	**650**	**1,700**	NA, All ND using EPA Method 8010, except 1,2-DCA = **14**	NA, All ND using EPA Method 3510, except Naphthalene = **62**, 2-Methylnaphthalene =**10**
MW1	1/30/1995	N/A	ND<50	N/A	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	1/30/1995	N/A	ND<50	N/A	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	1/30/1995	**700, c**	**24,000**	N/A	**7,600**	**350**	**900**	**2,200**	NA, All ND using EPA Method 8010, except 1,2-DCA = **18**	NA, All ND using EPA Method 3510, except Naphthalene = **110**, 2-Methylnaphthalene =**14**

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

Sample ID	Sampling Date	TPH-D	TPH-G	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	EPA Method 8260B	EPA Method 8270C
MW1	6/21/2011	Monitored Only; No Sample Collected								
MW1	10/31/1994	N/A	ND<50	N/A	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	10/31/1994	N/A	ND<50	N/A	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	10/31/1994	**600, c**	**8,700**	N/A	**2,600**	**260**	**320**	**920**	NA, All ND using EPA Method 8010, except 1,2-DCA = **19**	NA, All ND using EPA Method 3510, except Naphthalene = **47**, 2-Methylnaphthalene =**8**
MW1	7/29/1994	N/A	ND<50	N/A	**1.2**	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	7/29/1994	N/A	ND<50	N/A	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	7/29/1994	**670, c**	**6,300**	N/A	**2,000**	**130**	**220**	**520**	NA, All ND using EPA Method 8010, except 1,2-DCA = **7.7**	NA, All ND using EPA Method 3510, except Naphthalene = **44**, 2-Methylnaphthalene =**8**
MW1	4/25/1994	N/A	ND<50	N/A	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	4/25/1994	N/A	ND<50	N/A	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	4/25/1994	**2,100, c**	**17,000**	NA	**4,800**	**470**	**290**	**1,600**	NA, All ND using EPA Method 8010, except 1,2-DCA = **280**	NA, All ND using EPA Method 8270, except Naphthalene = **84**, 2-Methylnaphthalene =**13**
MW1	11/16/1993	N/A	ND<50	N/A	**2.2**	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW2	11/16/1993	N/A	ND<50	N/A	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
MW3	11/16/1993	N/A	**12,000**	N/A	**3,300**	**660**	**240**	**1,600**	NA, All ND using EPA Method 8010, except 1,2-DCA = **27**	NA, All ND using EPA Method 625, except Naphthalene = **42**, 2-Methylnaphthalene =**15**, 2,4-Dimethylphenol = 7.0, Phenol = **9.0**, 4-Methylphenol = 5.0, 2-Methylphenol =6.0, Benzyl alcohol = 6.0
EW1	6/21/2011	N/A	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A	N/A
	12/20/2010	N/A	**3,900, a**	ND<90	**770**	**58**	**220**	**440**	N/A	N/A
EW2	6/21/2011	Monitored Only; No Sample Collected								
	12/20/2010	N/A	99	ND<5.0	**6.5**	1.2	4.8	4.0	N/A	N/A
EW3	6/21/2011	Monitored Only; No Sample Collected								
	12/20/2010	N/A	**2,300**	ND<50	**190**	15	**31**	**72**	N/A	N/A
OW1	6/21/2011	N/A	**600**	ND<10	**50**	2.4	26	7.8	N/A	N/A
	12/20/2010	N/A	**450**	ND<5.0	**17**	5.6	6.2	**29**	N/A	N/A
OW3	6/21/2011	N/A	ND<50	ND<5.0	**1.2**	ND<0.5	0.82	ND<0.5	N/A	N/A
	12/20/2010	N/A	**200, a**	ND<5.0	**2.1**	7.7	5.7	**35**	N/A	N/A
OW4	6/21/2011	Monitored Only; No Sample Collected								
	12/20/2010	N/A	**1,700, b,c**	ND<5.0	ND<0.5	8.2	60	**170**	N/A	N/A
OW5	6/21/2011	N/A	**16,000**	ND<100	**350**	**150**	**840**	**2,900**	N/A	N/A
	12/20/2010	N/A	**47,000**	ND<500	**330**	**300**	**1,900**	**8,900**	N/A	N/A
OW6	6/21/2011	Monitored Only; No Sample Collected								
	12/20/2010	N/A	**18,000, a**	ND<250	**1,200**	**450**	**480**	**2,700**	N/A	N/A
C1	6/21/2011	Monitored Only; No Sample Collected								
	12/20/2010	N/A	**45,000**	ND<1,100	**5,600**	**1,900**	**1,600**	**10,000**	N/A	N/A
C2	6/21/2011	Monitored Only; No Sample Collected								
	12/20/2010	N/A	**20,000**	ND<100	**83**	**190**	**600**	**3,800**	N/A	N/A
C3	6/21/2011	N/A	**11,000**	ND<250	**2,300**	**260**	**580**	**950**	N/A	N/A
	12/20/2010	N/A	**1,500**	ND<50	**280**	7.3	**47**	**72**	N/A	N/A
C4	6/21/2011	Monitored Only; No Sample Collected								
	12/20/2010	N/A	**47,000**	ND<800	**900**	**480**	**2,200**	**10,000**	N/A	N/A
F1	6/21/2011	Monitored Only; No Sample Collected								
	12/20/2010	Monitored Only; No Sample Collected								
F2	6/21/2011	Monitored Only; No Sample Collected								
	12/20/2010	Monitored Only; No Sample Collected								
F3	6/21/2011	Monitored Only; No Sample Collected								
	12/20/2010	Monitored Only; No Sample Collected								
F4	6/21/2011	Monitored Only; No Sample Collected								
	12/20/2010	Monitored Only; No Sample Collected								
ESL 1		*100*	*100*	*5.0*	*1.0*	*40*	*30*	*20*	*1,2-DCA = 0.5, Benzene = 1.0, Toluene = 40, Ethylbenzene = 30, Xylenes =20, Naphthalene = 17, MTBE = 5.0, n-Butyl benzene = None, n-Propyl benzene = None, 1,2,4-Trimethylbenzene = None, 1,3,5-Trimethylbenzene = None, Isopropylbenzene = None*	*Naphthalene = 17, 2-Methylnaphthalene = 2.1, 2,4-Dimethylphenol = 100, Phenol = 5.0, Bis(2-ethylhexyl) Phthalate = 4, 4-Methylphenol = None, 2-Methylphenol = None, Benzyl alcohol = None*
ESL 2		*Use Soil Gas*	*Use Soil Gas*	*24,000*	*540*	*380,000*	*170,000*	*160,000*	*1,2-DCA = 200, Benzene = 540, Toluene = 380,000, Ethylbenzene = 170,000, Xylenes =160,000, Naphthalene = 3,200, MTBE = 24,000, n-Butyl benzene = None, n-Propyl benzene = None, 1,2,4-Trimethylbenzene = None, 1,3,5-Trimethylbenzene = None, Isopropylbenzene = None*	*Naphthalene = 3,200, 2-Methylnaphthalene = 260,000, 2,4-Dimethylphenol = 2,500,000, Phenol = None, Bis(2-ethylhexyl) Phthalate = None, 4-Methylphenol = None, 2-Methylphenol = None, Benzyl alcohol = None*

NOTES:
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
MTBE = Methyl-tert butyl Ether.
ND = Not Detected.
N/A = Not Analyzed.
1,2-DCA = 1,2-Dichloroethane.
a = Laboratory analytical note: lighter than water immiscible sheen/product present.
b = Laboratory analytical note: consists of strongly aged diesel or gasoline range compounds.
c = Laboratory analytical note: consistes of gasoline range compounds.
ESL_1 = Environmental Screening Level, developed by San Francisco Bay – Regional Water Quality Control Board (SF-RWQCB) updated May 2008, from Table A–Groundwater Screening Levels, Groundwater is a current or potential source of drinking water.
ESL_2 = Environmental Screening Level, developed by San Francisco Bay – Regional Water Quality Control Board (SF-RWQCB) updated May 2008, from Table E-1–Groundwater Screening Levels for Evaluation of Potential Vapor Intrusion Concerns, Residential Land Use.
BOLD = Concentration in excess of applicable ESL_1 value.
Underlined = Concentration in excess of applicable ESL_1 value.
Results are in µg/L (micrograms per liter), unless otherwise indicated.

FIGURES

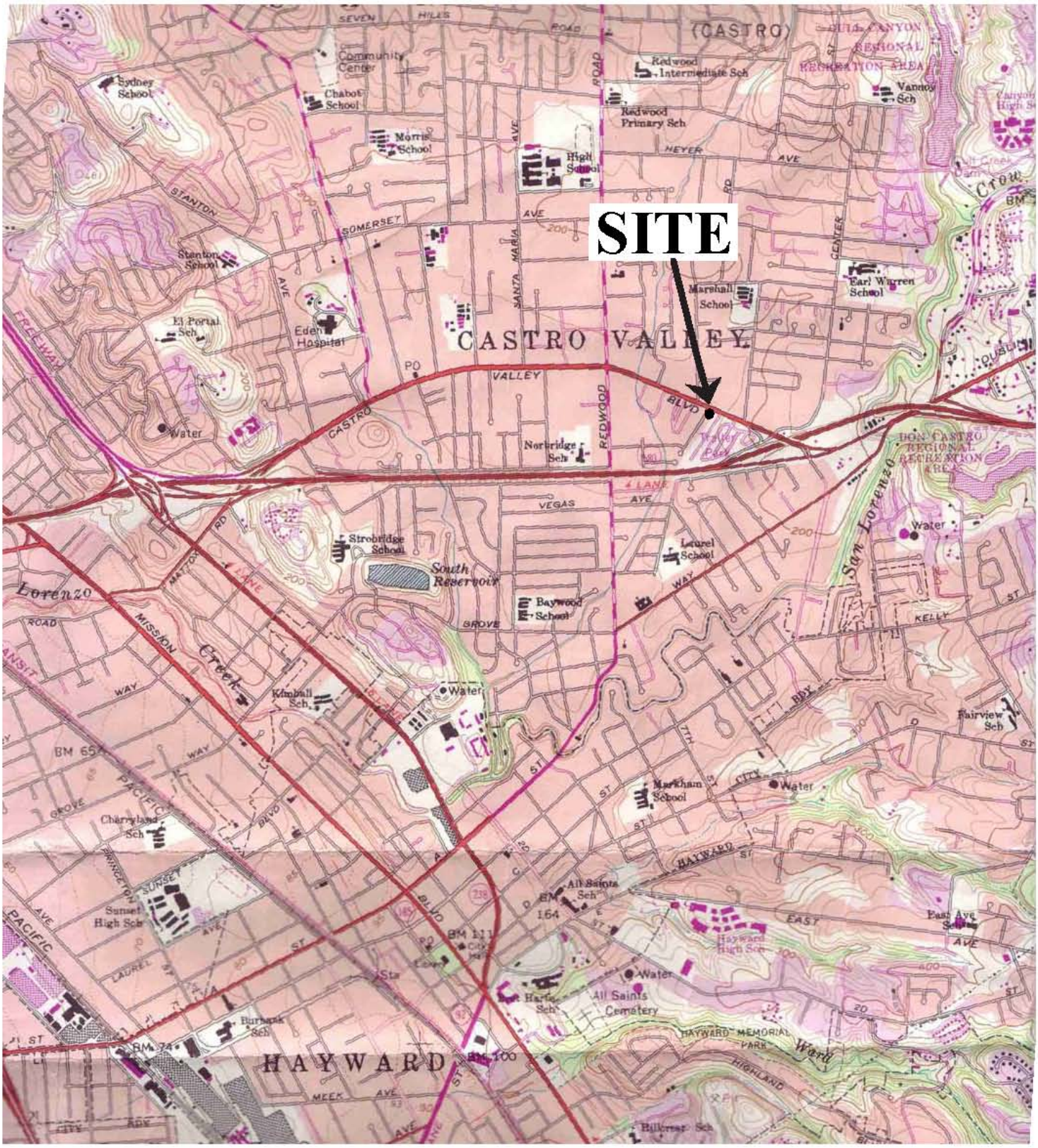


Figure 1
Site Location Map
3889 Castro Valley Boulevard
Castro Valley, California

N

Base Map From:
U.S.Geological Survey 7.5 Minute
Quadrangle Hayward, California
Topomap Photorevised 1980

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

0 1,000 2,000
APPROXIMATE SCALE IN FEET

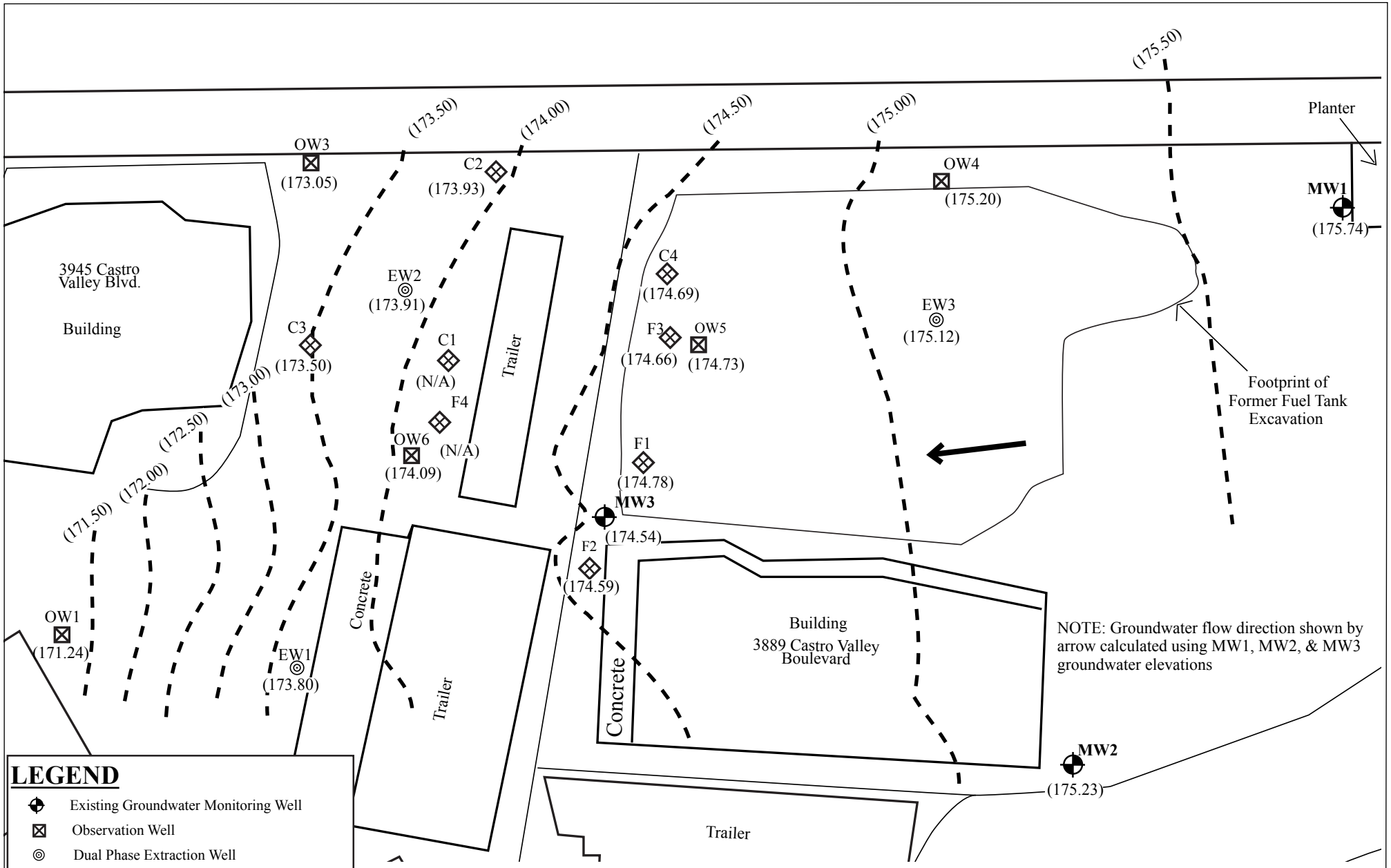


Figure 2
Site Vicinity Map Detail Showing Groundwater Surface Contours
3889 Castro Valley Boulevard
Castro Valley, California

Base Map from:
P&D Environmental
October 1993, January and June 1995, September 2008;
Kier & Wright Inc. Survey, September 2001;
and Google Earth, June 2007

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

0 10 20
Approximate Scale in Feet

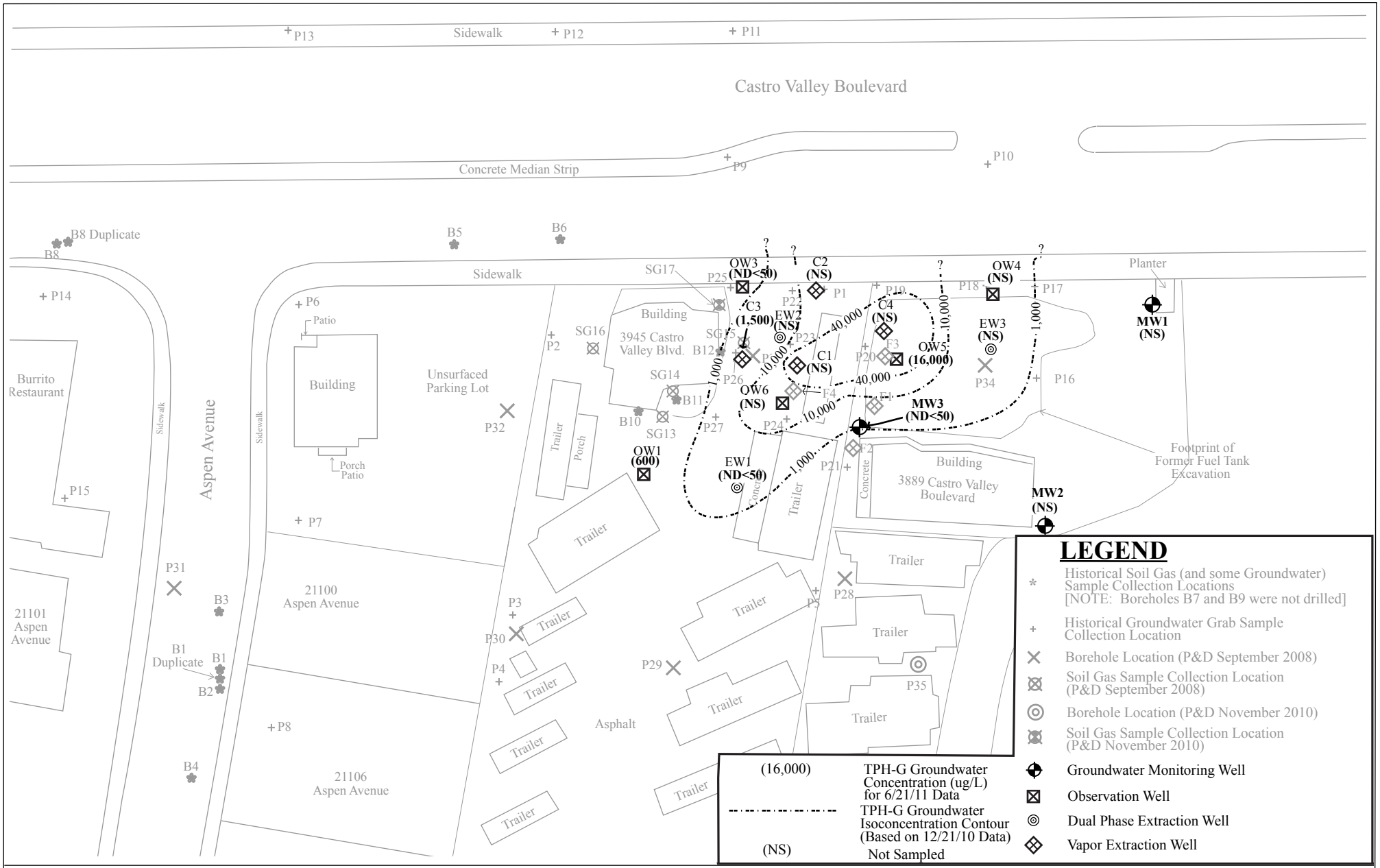
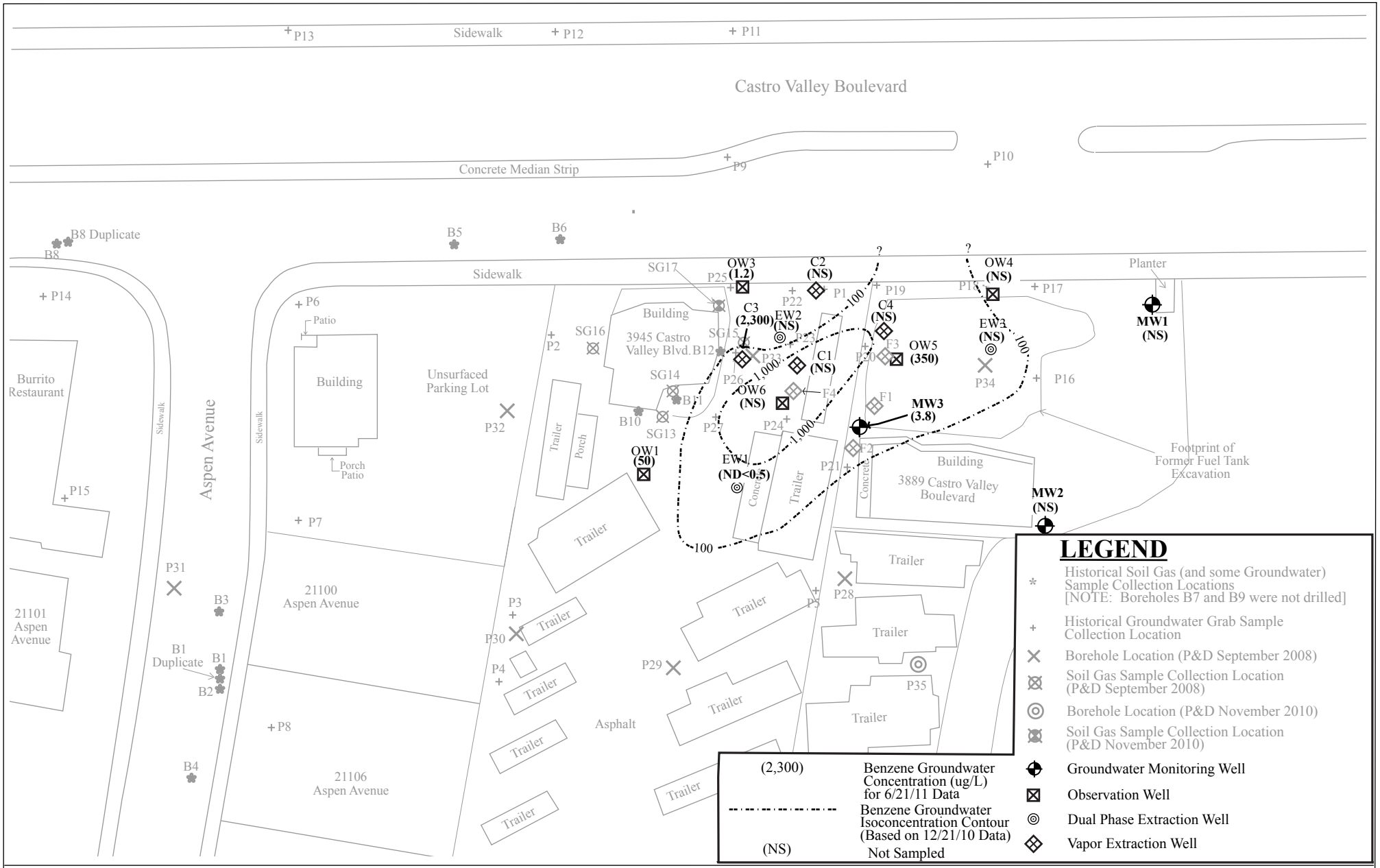


Figure 3
Site Vicinity Map Showing TPH-Gasoline Concentrations in Groundwater
3889 Castro Valley Boulevard
Castro Valley, California

Base Map from:	P&D Environmental, Inc. 55 Santa Clara Ave., Suite 240 Oakland, CA 94610	0 25 50 Approximate Scale in Feet
P&D Environmental October 1993, January and June 1995, September 2008; Kier & Wright Inc. Survey, September 2001; and Google Earth, June 2007		



LEGEND

- Historical Soil Gas (and some Groundwater) Sample Collection Locations [NOTE: Boreholes B7 and B9 were not drilled]
- Historical Groundwater Grab Sample Collection Location
- Borehole Location (P&D September 2008)
- Soil Gas Sample Collection Location (P&D September 2008)
- Borehole Location (P&D November 2010)
- Soil Gas Sample Collection Location (P&D November 2010)
- Groundwater Monitoring Well
- Observation Well
- Dual Phase Extraction Well
- Vapor Extraction Well

(2,300) Benzene Groundwater Concentration (ug/L) for 6/21/11 Data

Benzene Groundwater Isoconcentration Contour (Based on 12/21/10 Data)

(NS) Not Sampled

N

Figure 4
Site Vicinity Map Showing Benzene Concentrations in Groundwater
3889 Castro Valley Boulevard
Castro Valley, California

Base Map from:
P&D Environmental
October 1993, January and June 1995, September 2008;
Kier & Wright Inc. Survey, September 2001;
and Google Earth, June 2007

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

0 25 50
Approximate Scale in Feet

GROUNDWATER MONITORING /WELL PURGING DATA SHEETS

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name VIP Service - Castro Valley — Well No. MW1

Job No. 0047 — Date 6/21/11

TOC to Water (ft.) 7.87 — Sheen N/A

Well Depth (ft.) 20.0 — Free Product Thickness Ø

Well Diameter 2" — Sample Collection Method N/A

Gal./Casing Vol. N/A — Monitred Only - No Sample Collected

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY
		S/C		

NOTES: Monitred Only; No sample Collected

PURGE10.92

7/25

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name VIP-Castro Valley
Well No. MW2
Job No. 0047
Date 6/21/11
TOC to Water (ft.) 7.75
Sheen N/A
Well Depth (ft.) 20.0
Free Product Thickness Ø
Well Diameter 2"
Sample Collection Method N/A
Gal./Casing Vol. N/A
Monitored Only; No Sample Collected

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY
		SIC		

NOTES: Monitored Only; No Sample Collected

PURGE10.92

(3)

P&D Environmental, Inc.
Groundwater Monitoring/Well Purging Data Sheet

Site Name VIP Service - Castro Valley
Well No. MW3
Job Number 0047
Date 6/21/11
TOC to Water (ft.) 7.18
Sheen No
Well Depth (ft.) 20.0
Free Product Thickness 0
Well Diameter ~~3"~~ 2.0"
Sample Collection Method Peristaltic pump + new unused PE tubing
Flow Rate (mL/minute) ~400
Start Purge Time 1332

Time	Vol. Purged (mL)	Depth to Water (ft.)	pH	Electrical Conductivity (µS/cm)	Temperature (C°)	Turbidity (NTU)
1334	800	7.35	7.89	1,425	23.2	0.00
1337	2,000	7.42	7.70	1,436	21.7	0.00
1340	3,200	7.43	7.65	1,454	21.0	0.00
1343	4,400	7.44	7.59	1,472	20.6	0.00
1347	6,000	7.44	7.57	1,450	20.4	0.00
	End Purge					

NOTES

No odor + no sheen; sample time => 1355

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

(5)

P&D Environmental, Inc.
Groundwater Monitoring/Well Purging Data Sheet

Site Name VIP Service - Castro Valley
Job Number 0047
TOC to Water (ft.) 1.71
Well Depth (ft.) 20.0
Well Diameter 4.0"
Flow Rate (mL/minute) ~400
Start Purge Time 1228

Well No. EW1
Date 6/21/11
Sheen No
Free Product Thickness 0
Sample Collection Method Peristaltic pump + new unused PE tubing

Time	Vol. Purged (mL)	Depth to Water (ft.)	pH	Electrical Conductivity (µS/cm)	Temperature (C°)	Turbidity (NTU)
1231	1,200	2.17	7.20	1,544	24.5	2.20
1234	2,400	2.54	7.11	1,474	22.8	0.52
1237	3,600	2.83	7.17	1,411	22.4	0.95
1240	4,800	3.09	7.89	1,099	22.2	0.25
1243	6,000	3.59	8.52	979	22.4	0.00
	End Purge					

NOTES

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

No odor + no sheen ; sample time ⇒ 1255

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name VIP Service - Castro Valley
Well No. EW2
Job No. 0047
Date 6/21/11
TOC to Water (ft.) 2.74
Sheen N/A
Well Depth (ft.) 25.0
Free Product Thickness Ø
Well Diameter 4.0"
Sample Collection Method N/A
Gal./Casing Vol. N/A
Monitored Only; No Sample Collected.

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY

sic

NOTES: Monitored Only; No Sample Collected.

PURGE10.92

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name VIP Service - Castro Valley
Job No. 0047
TOC to Water (ft.) 5.90
Well Depth (ft.) 23.0
Well Diameter 4"
Gal./Casing Vol. N/A

Well No. EW3
Date 6/21/11
Sheen ~~0~~ N/A
Free Product Thickness 0
Sample Collection Method N/A
Monitored only; No sample collected.

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY

SIC

NOTES: Monitored only; No sample collected.

PURGE10.92

(2)

P&D Environmental, Inc.
Groundwater Monitoring/Well Purging Data Sheet

Site Name: VIP Service - Castro Valley
Job Number: 0047
TOC to Water (ft.): 2.96
Well Depth (ft.): 20.0
Well Diameter: 2"
Flow Rate (mL/minute): ~400
Start Purge Time: 1117

Well No.: OW1
Date: 6/21/11
Sheen: No
Free Product Thickness: Ø
Sample Collection Method: Peristaltic pump + new unused PE tubing

Time	Vol. Purged (mL)	Depth to Water (ft.)	pH	Electrical Conductivity (µS/cm)	Temperature (C°)	Turbidity (NTU)
1113	400	3.75	7.42	1,817	25.5	0.00
1117	2,000	3.72	7.38	1,805	23.8	0.00
1120	3,200	4.29	7.51	1,783	23.9	0.00
1123	4,400	4.89	7.54	1,722	23.4	0.00
1127	6,000	5.43	7.50	1,772	23.2	0.00
	End Purge					

NOTES

No odor & no sheen
Sample time => 1140

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

(1)

P&D Environmental, Inc.
Groundwater Monitoring/Well Purging Data Sheet

Site Name: VIP Service - Castro Valley
Job Number: 0047
TOC to Water (ft.): 3.65
Well Depth (ft.): 20.0
Well Diameter: 2.0"
Flow Rate (mL/minute): ~400
Start Purge Time: 1024

Well No.: OW3
Date: 6/21/11
Sheen: No
Free Product Thickness: Ø
Sample Collection Method: Peristaltic pump & new unused PE tubing

Time	Vol. Purged (mL)	Depth to Water (ft.)	pH	Electrical Conductivity (µS/cm)	Temperature (C°)	Turbidity (NTU)
1027	1,200	4.69	7.27	1,548	25.3	0.00
1030	2,400	4.79	7.30	1,609	22.3	0.00
1033	3,600	4.79	7.31	1,595	21.6	0.37
1036	4,800	4.79	7.34	1,598	21.4	0.02
1039	6,000	4.79	7.36	1,594	21.5	0.00
	End Purge					

NOTES

No odor & No sheen.
Sample time => 1050

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

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name: UP Service - Castro Valley
Well No.: OW4
Job No.: 0047
Date: 6/21/11
TOC to Water (ft.): 5.54
Sheen: N/A
Well Depth (ft.): 20.0
Free Product Thickness: 0
Well Diameter: 2.0"
Sample Collection Method: N/A
Gal./Casing Vol.: N/A
Monitored Only; No sample collected.

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY
			SIC	

NOTES: Monitored only; No sample collected

PURGE10.92

(6)

P&D Environmental, Inc.
Groundwater Monitoring/Well Purging Data Sheet

Site Name: VP Service - Castro Valley
Job Number: 0047
TOC to Water (ft.): 5.79
Well Depth (ft.): 20.0
Well Diameter: ~~2.0~~ 2.0"
Flow Rate (mL/minute): ~400
Start Purge Time: 1410

Well No.: OW5
Date: 6/21/11
Sheen: No
Free Product Thickness: 0
Sample Collection Method: Peristaltic pump & new unused tubing

Time	Vol. Purged (mL)	Depth to Water (ft.)	pH	Electrical Conductivity (µS/cm)	Temperature (C°)	Turbidity (NTU)
1412	800	5.96	7.32	1,557	23.1	0.00
1415	2,000	6.01	7.35	1,552	22.6	1.09
1418	3,200	6.03	7.35	1,560	22.3	0.22
1421	4,400	6.05	7.32	1,586	22.2	0.53
1425	6,000	6.05	7.33	1,600	22.3	0.65
	End Purge					

NOTES

Mod-strong hc odor & no sheen
Sample time => 1435

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

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name VIP Service - Castro Valley
Well No. OW6
Job No. 0047
Date 6/21/11
TOC to Water (ft.) 2.93
Sheen N/A
Well Depth (ft.) 20
Free Product Thickness Ø
Well Diameter 2"
Sample Collection Method N/A
Gal./Casing Vol. N/A
Monitored only; No sample collected.

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY
		SJC		

NOTES: Monitored only; No sample collected.

PURGE10.92

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name VIP Service - Castro Valley
Well No. C1
Job No. 0047
Date 6/21/11
TOC to Water (ft.) —sic
Sheen N/A
Well Depth (ft.) 13.0
Free Product Thickness Ø
Well Diameter 2.0"
Sample Collection Method N/A
Gal./Casing Vol. N/A
sic ~~Monitored Only; No Sample Collected.~~

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY
	Could Not Monitor;			
	Car parked on top of well.			

NOTES:

PURGE10.92

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name VIP Service - Castro Valley
Well No. C2
Job No. 0047
Date 6/21/11
TOC to Water (ft.) 3.79
Sheen N/A
Well Depth (ft.) 13.0
Free Product Thickness 0
Well Diameter 2"
Sample Collection Method N/A
Gal./Casing Vol. N/A
Monitored only; No sample collected.

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY
		Sic		

NOTES: Monitored only; No sample collected.

PURGE10.92

(E 4)

P&D Environmental, Inc.
Groundwater Monitoring/Well Purging Data Sheet

Site Name VIP Service - Castro Valley
Well No. C3
Job Number 0047
Date 6/21/11
TOC to Water (ft.) 2.91
Sheen NO
Well Depth (ft.) 13.0
Free Product Thickness 0
Well Diameter 2.0 "
Sample Collection Method Peristaltic pump & new unused tubing
Flow Rate (mL/minute) ~400
Start Purge Time 1153

Time	Vol. Purged (mL)	Depth to Water (ft.)	pH	Electrical Conductivity (µS/cm)	Temperature (C°)	Turbidity (NTU)
1156	1,200	~~3.70~~ 4.23	7.33	1,621	25.5	0.00
1159	2,400	4.72	7.23	1,644	23.8	0.00
1202	3,600	5.12	7.18	1,655	23.0	0.00
1205	4,800	5.34	7.13	1,657	22.8	0.00
1208	6,000	5.52	7.02	1,664	22.3	0.00
	End Purge					

NOTES

Mod-strong phc odor + no sheen
Sample time ⇒ 1220

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

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name VIP Service - Castro Valley
Well No. C4
Job No. 0047
Date 6/21/11
TOC to Water (ft.) 5.37
Sheen N/A
Well Depth (ft.) 13.0'
Free Product Thickness Ø
Well Diameter 2.0"
Sample Collection Method N/A
Gal./Casing Vol. N/A
Monitored only; No sample collected.

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY
		SIC		

NOTES: Monitored only; No sample collected.

PURGE10.92

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name VIP Service - Castro Valley
Job No. 0047
TOC to Water (ft.) 6.57
Well Depth (ft.) 9.0
Well Diameter 2.0"
Gal./Casing Vol. N/A

Well No. F1
Date 6/21/11
Sheen N/A
Free Product Thickness Ø
Sample Collection Method N/A
Monitored only; No Sample collected.

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY
		SIC		

NOTES: Monitored only; no sample collected.

PURGE10.92

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name ~~76~~ Unocal Service - Castro Valley
Well No. F2
Job No. 0047
Date 6/21/11
TOC to Water (ft.) 6.97
Sheen N/A
Well Depth (ft.) 9.0
Free Product Thickness Ø
Well Diameter 2.0"
Sample Collection Method N/A
Gal./Casing Vol. N/A
Monitored only; No Sample Collected.

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY

3/c

NOTES: Monitored only; no sample collected.

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name VIP Service - Castro Valley
Well No. F3
Job No. 0047
Date 6/21/11
TOC to Water (ft.) 5.42
Sheen N/A
Well Depth (ft.) 9.0
Free Product Thickness Ø
Well Diameter 2.0"
Sample Collection Method N/A
Gal./Casing Vol. N/A
Monitored only; No Sample collected.

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY
		SIC		

NOTES: Monitored only; No sample collected.

PURGE10.92

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name VIP Service - Castro Valley
Well No. F4
Job No. 0097
Date 6/21/11
TOC to Water (ft.) —
Sheen N/A
Well Depth (ft.) 9.0
Free Product Thickness Ø
Well Diameter 2.0"
Sample Collection Method N/A
Gal./Casing Vol. N/A
Could Not Monitor - Car parked on top of well

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY
	Could not Monitor, Car parked			
	on top of well.			

NOTES:

PURGE10.92

LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTATION

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

P & D Environmental	Client Project ID: #0047; VIP Service Castro Valley	Date Sampled: 06/21/11
		Date Received: 06/22/11
55 Santa Clara, Ste.240	Client Contact: Paul King	Date Reported: 06/28/11
Oakland, CA 94610	Client P.O.:	Date Completed: 06/28/11

WorkOrder: 1106729

June 28, 2011

Dear Paul:

Enclosed within are:

1) The results of the **6** analyzed samples from your project: **#0047; VIP Service Castro Valley,**
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 McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

P & D ENVIRONMENTAL, INC. 1106729

55 Santa Clara Ave, Suite 240
Oakland, CA 94610
(510) 658-6916

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NUMBER:	PROJECT NAME:
0047	VIP Service Castro Valley

SAMPLED BY: (PRINTED AND SIGNATURE)
Steve Carmack

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-G + MTBE by 8021B	PRESERVATIVE	REMARKS
MW3	6/21/11	1355	H2O		5	X	ICE	Normal Turnaround
EW1		1355			5	X		
OW1		1140			5	X		
OW3		1050			5	X		
OW5		1435			5	X		
C3		1220			5	X		

ICE/t° 5.6
GOOD CONDITION ____ APPROPRIATE
HEAD SPACE ABSENT ____ CONTAINERS ____
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____

PRESERVATION	VOAS	O&G	METALS	OTHER

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT)	LABORATORY:
	6/22/11	1435		6	McCampbell Analytical
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF CONTAINERS (THIS SHIPMENT) 30	LABORATORY CONTACT: Angela Rydelius
	6/22/11	1530			LABORATORY PHONE NUMBER: (877) 252-9262
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	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

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1106729 **ClientCode: PDEO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Paul King
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: #0047; VIP Service Castro Valley

Bill to:
Accounts Payable
P & D Environmental
55 Santa Clara, Ste.240
Oakland, CA 94610

Requested TAT: 5 days

Date Received: **06/22/2011**
Date Printed: **06/22/2011**

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
1106729-001	MW3	Water	6/21/2011 13:55	☐	A											
1106729-002	EW1	Water	6/21/2011 12:55	☐	A											
1106729-003	OW1	Water	6/21/2011 11:40	☐	A											
1106729-004	OW3	Water	6/21/2011 10:50	☐	A											
1106729-005	OW5	Water	6/21/2011 14:35	☐	A											
1106729-006	C3	Water	6/21/2011 12:20	☐	A											

Test Legend:

1	G-MBTEX_W	2		3		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.

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Sample Receipt Checklist

Client Name: **P & D Environmental**

Date and Time Received: **6/22/2011 3:58:57 PM**

Project Name: **#0047; VIP Service Castro Valley**

Checklist completed and reviewed by: Zoraida Cortez

WorkOrder N°: **1106729** 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: 5.6°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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P & D Environmental 55 Santa Clara, Ste.240 Oakland, CA 94610	Client Project ID: #0047; VIP Service Castro Valley Client Contact: Paul King Client P.O.:	Date Sampled: 06/21/11 Date Received: 06/22/11 Date Extracted: 06/23/11-06/27/11 Date Analyzed: 06/23/11-06/27/11

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1106729

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	MW3	W	ND	ND	3.8	ND	ND	ND	1	104	
002A	EW1	W	ND	ND	ND	ND	ND	ND	1	107	
003A	OW1	W	600	ND<10	50	2.4	26	7.8	1	108	d1
004A	OW3	W	ND	ND	1.2	ND	0.82	ND	1	120	
005A	OW5	W	16,000	ND<100	350	150	840	2900	20	106	d1
006A	C3	W	11,000	ND<250	2300	260	580	950	50	100	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	µg/L
	S	1.0	0.05	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 McCampbell Analytical is not responsible for their interpretation:
d1) weakly modified or unmodified gasoline is significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 59225 WorkOrder: 1106729

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1106706-013B**

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(btex)£	ND	60	112	111	0.660	110	109	0.994	70 - 130	20	70 - 130	20
MTBE	ND	10	101	103	1.85	104	102	1.57	70 - 130	20	70 - 130	20
Benzene	ND	10	92.5	93.4	0.979	94.9	93.7	1.29	70 - 130	20	70 - 130	20
Toluene	ND	10	95	95.7	0.768	97.6	96.2	1.42	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	100	101	0.457	103	102	0.936	70 - 130	20	70 - 130	20
Xylenes	ND	30	101	101	0	104	101	2.30	70 - 130	20	70 - 130	20
%SS:	98	10	92	91	0.150	92	91	0.748	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 59225 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1106729-001A	06/21/11 1:55 PM	06/24/11	06/24/11 7:33 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.

DHS ELAP Certification 1644 QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 59239 WorkOrder: 1106729

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1106729-004A**

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(btex)£	ND	60	111	112	1.28	114	112	1.72	70 - 130	20	70 - 130	20
MTBE	ND	10	104	104	0	102	104	1.63	70 - 130	20	70 - 130	20
Benzene	1.2	10	82.5	81.2	1.43	93.1	94.3	1.27	70 - 130	20	70 - 130	20
Toluene	ND	10	96.5	95.3	1.24	95.5	96.8	1.33	70 - 130	20	70 - 130	20
Ethylbenzene	0.82	10	94	92	2.01	101	103	1.75	70 - 130	20	70 - 130	20
Xylenes	ND	30	102	101	1.14	101	102	1.17	70 - 130	20	70 - 130	20
%SS:	120	10	90	92	1.45	91	90	1.16	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 59239 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1106729-002A	06/21/11 12:55 PM	06/24/11	06/24/11 8:03 AM	1106729-003A	06/21/11 11:40 AM	06/24/11	06/24/11 8:33 AM
1106729-004A	06/21/11 10:50 AM	06/23/11	06/23/11 11:22 PM	1106729-005A	06/21/11 2:35 PM	06/27/11	06/27/11 3:46 PM
1106729-006A	06/21/11 12:20 PM	06/27/11	06/27/11 4:20 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.

£ 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.

DHS ELAP Certification 1644 QA/QC Officer