VIP SERVICE STATION

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2:26 pm, Sep 12, 2007

Alameda County Environmental Health

September 10, 2007

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

SUBJECT:

SEMI-ANNUAL GROUNDWATER MONITORING AND SAMPLING REPORT

(AUGUST 16, 2007 SAMPLING EVENT) CERTIFICATION

VIP Service

3889 Castro Valley Blvd.

Castro Valley, CA

Dear Mr. Plunkett:

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

• Semi-Annual Groundwater Monitoring and Sampling Report dated September 10, 2007 (document 0047.R39) for monitoring and sampling on August 16, 2007.

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 me at (510) 459-6525.

Sincerely,

VIP Service

applated

Lalji Patel

Enclosure

0047.L92

P&D ENVIRONMENTAL, INC.

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

September 10, 2007 Report 0047.R39

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

SUBJECT: SEMI-ANNUAL GROUNDWATER MONITORING AND SAMPLING REPORT

(AUGUST 16, 2007 SAMPLING EVENT)

VIP Service

3889 Castro Valley Blvd.

Castro Valley, CA

Gentlemen:

P&D Environmental, Inc. (P&D) is pleased to present this report documenting the results of the most recent semi-annual monitoring and sampling of groundwater monitoring wells MW1, MW2, and MW3 at the subject site. This work was performed in accordance with P&D's proposal 033099.P1 dated March 30, 1999 and requirements set forth in a letter from Mr. Scott Seery of the Alameda County Department of Environmental Health (ACDEH) dated March 18, 1994 for the subject site. Based upon a telephone conversation with Mr. Seery 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.

The monitoring and sampling was performed on August 16, 2007. The reporting period is for March through August 2007. A Site Location Map (Figure 1) and Site Plan (Figure 2) are attached with this report.

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.

It is P&D's understanding that at the time of tank removal, eight soil samples were collected from the sidewalls of the fuel tank pit, and one soil sample was collected from the waste oil tank pit. Groundwater was reported to have been encountered in the fuel tank pit at a depth of approximately 11 feet. One water sample was collected from the water in the fuel tank pit. On April 28, 1993 Accutite returned to the site and collected seven soil samples from beneath the dispenser islands.

All of the samples were analyzed at Sequoia Analytical in Redwood City, California, for Total Petroleum Hydrocarbons as Gasoline (TPH-G); Benzene, Toluene, Ethylbenzene and Xylenes (BTEX); and for Total Lead. In addition, the samples from the waste oil tank were analyzed for TPH-D; Total Oil and Grease (TOG); Halogenated Volatile Organic Compounds (HVOCs) using EPA Method 8010; Semi-Volatile Organic Compounds (SVOCs) using EPA Method 8270; and for the metals Cadmium, Chromium, Lead, Nickel and Zinc.

The results of the soil samples collected from the fuel tank pit showed TPH-G concentrations ranging from 120 to 6,200 parts per million (ppm), and total lead results ranging from not detected to 13 ppm. The results of the water sample from the fuel tank pit showed 140 ppm TPH-G, and 0.095 ppm total lead.

The results of the soil samples collected from beneath the fuel dispensers showed TPH-G values ranging from not detected to 4.7 ppm, and total lead values ranging from not detected to 7.6 ppm.

The results of the sample collected from the waste oil tank pit showed 670 ppm TPH-G; 410 ppm TPH-D; 1,300 ppm TOG; 0.023 ppm 1,2-Dichloroethane and 0.0094 ppm Tetrachloroethylene in the EPA Method 8010 analysis; 2.7 ppm 2-Methylnapthalene and 3.8 ppm Naphthalene in the EPA Method 8270 analysis; and various metals concentrations, none of which exceeded ten times their respective STLC values. The laboratory identified the TPH-D results as being a "non-diesel mix," and indicated that the compounds reported as diesel were diesel-range gasoline and diesel-range oil compounds.

Between August 27 and November 1, 1993 P&D personnel collected stockpiled soil samples for stockpiled soil disposal characterization and oversaw the excavation of approximately 680 cubic yards of soil from the vicinity of the fuel tank pit in an effort to remove petroleum hydrocarbon-impacted soil. In addition, during this time the soil that was stockpiled by Accutite during the tank removal activities and during the subsequent soil excavation activities was disposed of at an appropriate disposal facility, and the tank pit backfilled and compacted. A total of eight confirmation soil samples were collected from the sidewalls of the tank pit on November 19, 1993 at a depth of 10 feet after over-excavation and prior to backfilling. The analytical results of the samples ranged from 33 to 3,200 ppm TPH-G. Documentation of excavation, stockpiled soil characterization and disposal, and backfilling of the pit are provided in P&D's report 0047.R1 dated January 24, 1994. The samples results associated with the removal of the tanks by Accutite are also summarized in P&D's report 0047.R1.

On November 10, 1993 P&D personnel oversaw the installation of three groundwater monitoring wells, designated MW1 through MW3, and one exploratory soil boring designated B1, at the subject site. The wells were developed on November 12 and sampled on November 16, 1993. The results of the water samples showed that TPH-G was not detected in wells MW1 and MW2, and that BTEX was not detected in MW2. In well MW1, 0.0022 ppm of benzene was detected.

In well MW3, TPH-G was detected at 12 ppm; benzene was detected at 3.3 ppm; TRPH was not detected; EPA Method 8010 compounds were not detected except for 0.027 ppm 1,2-Dichloroethane; and EPA Method 8270 compounds were not detected except for 0.009 ppm Phenol, 0.006 ppm Benzyl Alcohol, 0.006 2-Methylphenol, 0.007 ppm 2,4-Dimethylphenol, 0.088 ppm Benzoic Acid, 0.042 ppm Naphthalene, and 0.015 2-Methylnaphthalene.

Documentation of the monitoring well and soil boring installation 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.

FIELD ACTIVITIES

On August 16, 2007, all three of the monitoring wells at the site were monitored and sampled. The wells were monitored for depth to water and the presence of free product or sheen. Depth to water was measured to the nearest 0.01 foot using an electric water level indicator. The presence of free product or sheen was evaluated using a transparent bailer. No free product or sheen was observed in any of the wells. However, a petroleum hydrocarbon odor was noted in the purge water from well MW3. Depth to water level measurements are presented in Table 1.

Prior to sampling, the monitoring wells were purged of a minimum of three casing volumes of water. During purging operations, the field parameters of electrical conductivity, temperature and pH were monitored. Once the field parameters were observed to stabilize, and a minimum of three casing volumes had been purged, a water sample was collected using a clean Teflon bailer.

The water samples were transferred to 40-milliliter glass Volatile Organic Analysis (VOA) vials and 1-liter amber glass bottles, as appropriate, 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 and bottles were labeled and then transferred to a cooler with ice, until they were transported to McCampbell Analytical, Inc. in Pittsburg, California. McCampbell Analytical, Inc. is a State-Certified hazardous waste testing 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

Water levels were measured in the monitoring wells once during the report period. The measured depth to water at the site on August 16, 2007 ranged from 8.41 to 9.01 feet.

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The groundwater level decreased in wells MW1, MW2, and MW3, by 2.16, 0.89, and 1.20 feet, respectively, since the previous monitoring and sampling event on February 13, 2007. The calculated groundwater flow direction at the site on August 16, 2007 was to the west-northwest with a gradient of 0.011. The groundwater flow direction has shifted toward the northwest and the gradient has decreased from 0.021 since the previous semi-annual monitoring on February 16, 2007.

Groundwater level data collected during the monitoring period are presented in Table 1. The groundwater flow direction at the site on August 16, 2007 is shown on Figure 2.

LABORATORY RESULTS

The groundwater samples from monitoring wells MW1, MW2, and MW3 were analyzed for TPH-G using Modified EPA Method 8015C; and for benzene, toluene, ethylbenzene and xylenes (BTEX) and methyl tertiary-butyl ether (MTBE) using EPA Method 8021B. In addition, the groundwater sample from MW3 (located near the former waste oil tank) was analyzed for Halogenated Volatile Organic Compounds (HVOCs) using EPA Method 8260B and for Semi-Volatile Organic Compounds (SVOCs) using EPA Method 8270C. The HVOC analytes reported by the laboratory for the EPA Method 8260B analysis were EPA Method 8010 analytes.

TPH-G, MTBE, and BTEX were not detected in the groundwater samples collected from wells MW1 and MW2. The laboratory analytical results of the groundwater sample collected from monitoring well MW3 show that TPH-G was detected at a concentration of 4.3 mg/L, benzene was detected at a concentration of 0.76 mg/L, and toluene, ethylbenzene, and xylenes were detected at concentrations of 0.030, 0.12, and 0.21 mg/L, respectively. MTBE was not detected. None of the EPA Method 8260B compounds were detected, and none of the EPA Method 8270C compounds were detected with the exception of Bis (2-ethylhexyl) Phthalate, Naphthalene, and 2-Methylnaphthalene at concentrations of 0.034, 0.077, and 0.035 mg/L, respectively. 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.

DISCUSSION AND RECOMMENDATIONS

The sample results for wells MW1 and MW2 remained unchanged since the last sampling event on August 16, 2007 with no analytes detected. The analytical results for well MW3 show that the concentration of MTBE remained not detected, the TPH-G concentration has remained the same, and the concentrations of benzene, toluene, ethylbenzene, and xylenes have all increased since the last monitoring and sampling event on February 13, 2007. Based on the analytical results, P&D recommends that the semi-annual monitoring and sampling be continued. Continuation of the monitoring and sampling program should be re-evaluated upon regulatory agency review of the Remedial Investigation/Feasibility Study Work Plan implementation results.

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.

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

and H.King

Expires: 12/31/07

Attachments: Tables 1 & 2

Site Location Map (Figure 1)

Site Plan (Figure 2) Field Parameter Forms

Laboratory Analytical Reports and Chain of Custody Documentation

PAUL H. KING No. 5901

PEOF CALIFOR

PHK/sjc 0047.R39

TABLES

TABLE I WELL MONITORING DATA

Well No.	Date Monitored	Top of Casing Elev. (ft.)	Depth to Water (ft.)	Water Table Elev. (ft.)
			(11.)	Diev. (ii.)
MW1	08/16/07	180.83	9.01	171.82
	02/13/07		6.85	173.98
	08/09/06		7.47	173.36
	01/31/06		7.53	173.30
	07/29/05		7.90	172.93
	01/31/05		8.37	172.46
	07/14/04		9.47	171.36
	12/18/03		9.26	171.57
	06/19/03		9.00	171.83
	12/21/02		9.09	171.74
	04/30/02		9.03	171.80
	10/16/01		9.33	171.50
	11/08/00		9.04	171.79
	05/24/00		7.97	172.86
	09/10/99		8.79	172.04
	02/10/99		7.72	173.11
	02/24/98		6.61	174.22
	11/18/97		9.71	171.12
	08/12/97		9.39	171.44
	04/25/97		8.37	172.46
	01/31/97		7.62	173.21
	07/19/96		8.81	172.02
	04/23/96		8.17	172.66
	01/17/96		9.66	171.17
	10/26/95		10.00	170.83
	08/15/95		9.23	171.60
	05/02/95		8.56	172.27
	01/30/95		9.50	171.33
	10/31/94		11.55	169.28
	07/29/94		10.86	169.97
	04/25/94		10.70	170.13
	11/16/93		11.63	169.20
	11/12/93*		11.53	169.30

NOTES:

Elevations are in feet above Mean Sea Level.

ft. = Feet

^{* =} Depth to water measurements prior to groundwater monitoring well development.

TABLE 1
WELL MONITORING DATA
(Continued)

Well No.	Date Monitored	Top of Casing Elev. (ft.)	Depth to Water (ft.)	Water Table Elev. (ft.)
MW2	08/16/07	179.70	0.45	171.05
101 00 2	02/13/07	1/9./0	8.45 7.56	171.25
	08/09/06			172.14
	01/31/06		7.28	172.42
	07/29/05		7.10	172.60
	01/31/05		7.70	172.00
			7.94	171.76
	07/14/04		9.14	170.56
	12/18/03		8.76	170.94
	06/19/03		8.68	171.02
	12/21/02		7.95	171.75
	04/30/02		8.76	170.94
	10/16/01		9.76	169.94
	11/08/00		8.63	171.07
	05/24/00		7.65	172.05
	09/10/99		8.48	171.22
	02/10/99		7.05	172.65
	02/24/98		6.20	173.50
	11/18/97		9.26	170.44
	08/12/97		9.06	170.64
	04/25/97		8.10	171.60
	01/31/97		7.22	172.48
	07/19/96		8.57	171.13
	04/23/96	•	7.85	171.85
	01/17/96		8.94	170.76
	10/26/95		9.68	170.02
	08/15/95		8.91	170.79
	05/02/95		8.17	171.53
	01/30/95		8.68	171.02
	10/31/94		10.99	168.71
	07/29/94		10.34	169.36
	04/25/94		10.04	169.66
	11/16/93		11.10	168.60
	11/12/93*		10.95	168.75

NOTES:

Elevations are in feet above Mean Sea Level.

ft. = Feet

^{* =} Depth to water measurements prior to groundwater monitoring well development.

TABLE 1
WELL MONITORING DATA
(Continued)

Well	Date	Top of Casing	Depth to	Water Table
No.	Monitored	Elev. (ft.)	Water (ft.)	Elev. (ft.)
MW3	08/16/07	170.00	0.41	150.55
IVI VV 3	02/13/07	178.98	8.41	170.57
	08/09/06		7.21	171.77
			7.27	171.71
	01/31/06		7.14	171.84
	07/29/05		7.68	171.30
	01/31/05		7.86	171.12
	07/14/04		8.91	170.07
	12/18/03		8.55	170.43
	06/19/03		8.48	170.50
	12/21/02		7.88	171.10
	04/30/02		8.56	170.42
	10/16/01		10.14	168.84
	11/08/00		8.45	170.53
	05/24/00		7.62	171.36
	09/10/99		8.34	170.64
	02/10/99		7.12	171.86
	02/24/98		6.55	172.43
	11/18/97		8.97	170.01
	08/12/97		8.85	170.13
	04/25/97		7.99	170.99
	01/31/97		7.30	171.68
	07/19/96		8.42	170.56
	04/23/96		7.76	171.22
	01/17/96		8.61	170.37
	10/26/95		9.39	169.59
	08/15/95		8.62	170.36
	05/02/95		8.04	170.94
	01/30/95		8.46	170.52
	10/31/94		10.58	168.40
	07/29/94		10.03	168.95
	04/25/94		9.64	169.34
	11/16/93		10.63	168.35
	11/12/93*		10.66	168.32
	11/12/73		10.00	100.52

NOTES:

Elevations are in feet above Mean Sea Level.

ft. = Feet.

^{* =} Depth to water measurements prior to groundwater monitoring well development.

TABLE 2 GROUNDWATER LABORATORY ANALYTICAL RESULTS

Sample Location	TPH-G	MTBE	Benzene	Toluene	Ethyl- benzene	Xylenes		
			Samples Coll August 16,					
MW1	ND<0.05	ND<0.005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005		
MW2	ND<0.05	ND<0.005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005		
MW3 ⁷	4.3	ND<0.05	0.76	0.030	0.12	0.21		
Samples Collected on February 13, 2007								
MW1	ND<0.05	ND<0.005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005		
MW2	ND<0.05	ND<0.005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005		
MW3 ⁶	4.3	ND<0.05	0.61	0.014	0.094	0.13		
			Samples Colle August 9, 2					
MW1	ND<0.05	ND<0.005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005		
MW2	ND<0.05	ND<0.005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005		
MW3 ⁵	2.9	ND<0.05	0.58	0.021	0.10	0.13		

NOTES:

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

MTBE = Methyl Tertiary-Butyl Ether.

ND = Not Detected.

Results are in milligrams per liter (mg/L), unless otherwise specified.

^{7 =} EPA Method 8260B compounds were not detected. EPA Method 8270C compounds were not detected except for 0.034 mg/L Bis (2-ethylhexyl) Phthalate, 0.077 mg/L Naphthalene, and 0.035 mg/L 2-Methylnaphthalene.

⁶ = EPA Method 8260B compounds were not detected except for 0.79 mg/L Benzene, 0.12 mg/L Ethylbenzene, 0.15 mg/L Xylenes, 0.028 mg/L n-Butyl benzene, 0.092 mg/L 1,2,4-Trimethylbenzene, 0.022 mg/L Naphthalene, 0.032 mg/L n-Propyl benzene, and 0.031 mg/L 1,3,5-Trimethybenzene. EPA Method 8270C compounds were not detected except 0.022 mg/L Naphthalene.

⁵ = EPA Method 8260B compounds were not detected. EPA Method 8270D compounds were not detected except for 0.029 mg/L naphthalene and 0.011 mg/L 2-methylnaphthalene.

Sample Location	ТРН-G	MTBE	Benzene	Toluene	Ethyl- benzene	Xylenes			
	Samples Collected on January 31, 2006								
MW1	ND<0.05	ND<0.005	ND<0.0005	ND<0.0005	ND≤0.0005	ND<0.0005			
MW2	ND<0.05	ND<0.005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005			
MW3 ⁴	2	ND<0.015	0.47	0.014	0.071	0.077			
Samples Collected on July 29, 2005									
MW1	ND<0.05	ND<0.005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005			
MW2	ND<0.05	ND<0.005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005			
MW3 ³	11	ND<0.11	2.1	0.077	0.35	0.41			
			Samples Coll January 31,						
MW1	ND<0.05	0.021	1.6	0.028	0.19	0.14			
MW2	ND<0.05	ND<0.005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005			
MW3 1,2	2.9	ND<0.050	0.96	0.013	0.037	0.089			

NOTES:

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

MTBE = Methyl tert-Butyl Ether.

ND = Not Detected.

Results are in milligrams per liter (mg/L), unless otherwise specified.

^{4 =} EPA Method 8260B compounds were not detected. EPA Method 8270D compounds were not detected except for 0.015 mg/L naphthalene.

 $^{3 = \}text{EPA}$ Method 8260B compounds were not detected. EPA Method 8270D compounds were not detected except for 0.023 mg/L 2-methylnaphthalene and 0.068 mg/L naphthalene.

 $^{1 = \}text{EPA Method 8260B}$ (not EPA Method 8021B) results are reported in the table. Additional EPA Method 8260B compounds detected were 0.018 mg/L isopropylbenzene, 0.043 mg/L 1,2,4-Trimthylbenzene, 0.062 mg/L naphthalene, and 0.046 mg/L n-Propyl benzene.

^{2 =} EPA Method 8270D compounds were not detected.

Sample Location	TPH-G	MTBE	Benzene	Toluene	Ethyl- benzene	Xylenes			
	Samples Collected on July 14, 2004								
MW1	ND<0.05	ND<0.005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005			
MW2	ND<0.05	ND<0.005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005			
MW3 ^a	4.1	ND<0.050	0.98	0.037	0.12	0.15			
Samples Collected on December 18, 2003									
MW1	ND<0.05	ND<0.005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005			
MW2	ND<0.05	ND<0.005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005			
MW3 ^b	9.7	ND<0.1	2.3	0.093	0.28	0.35			
Samples Collected on June 19, 2003									
MW1	ND<0.05	ND<0.005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005			
MW2	ND<0.05	ND<0.005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005			
MW3 ^c	16,d	ND<0.25	3.5	0.11	0.43	0.64			

NOTES:

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

MTBE = Methyl tert-Butyl Ether.

ND = Not Detected.

NA = Not Analyzed.

Results are in milligrams per liter (mg/L), unless otherwise specified.

a = EPA Method 8010 Basic Target List compounds were not detected (using Method 8260B); and EPA Method 8270D compounds were not detected except for 0.055 mg/L naphthalene, and 0.016 mg/L 2-methyl naphthalene.

b = EPA Method 8021B compounds were not detected; and EPA Method 8270D compounds were not detected except for 0.063 mg/L naphthalene, and 0.021 mg/L 2-methyl naphthalene.

c = EPA Method 8010 compounds were not detected; and EPA Method 8270D compounds were not detected except for 0.024 mg/L phenol, 0.056 mg/L naphthalene, and 0.027 mg/L 2-methyl naphthalene.

d = Laboratory Analytical Report Note: lighter than water immiscible sheen on sample.

Sample Location	TPH-G	MTBE	Benzene	Toluene	Ethyl- benzene	Xylenes
			aples Collected on ecember 21, 2002			
MW1	ND	ND	ND	ND	ND ····	ND
MW2	ND	ND	ND	ND	ND	ND
MW3 ^d	15	ND<0.45	3.3	0.18	0.48	1.0
			ples Collected on April 30, 2002			
MW1	ND	ND	ND	ND	ND	ND
MW2	ND	ND	ND	ND	ND	ND
MW3 ^e	11	ND<200	2.2	0.12	0.37	0.59
			ples Collected on ctober 16, 2001			
MW1	ND	ND	ND	ND	ND	ND
MW2	ND	ND	ND	ND	ND	ND
MW3 ^f	2.1	ND	0.52	0.030	0.077	0.130

NOTES:

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

MTBE = Methyl tert-Butyl Ether.

ND = Not Detected.

NA = Not Analyzed.

 $d = In\ MW3\ EPA\ Method\ 8021B\ compounds$ were not detected except for 0.011 mg/L 1,2-dichloroethane; and EPA Method\ 8270D\ compounds were not detected except for 0.035 mg/L naphthalene and 0.014 mg/L 2-methyl naphthalene. $e = In\ MW3$, EPA Method\ 8010\ compounds\ were not\ detected; and EPA\ Method\ 8270\ compounds\ were not\ detected\ except\ for\ 0.053\ mg/L\ naphthalene.

f = In MW3 EPA Method 8010 compounds were not detected except for 0.0013 mg/L 1,2-dichloroethane; and EPA Method 8270 compounds were not detected.

Sample Location	TPH-G	MTBE	Benzene	Toluene	Ethyl- benzene	Xylenes
			oles Collected on vember 8, 2000			
MWI	ND	ND	ND	ND	ND	ND
MW2	ND	ND	ND	ND	ND	ND
MW3**	0.54	ND	0.15	0.0069	0.018	0.029
			oles Collected on May 24, 2000			
MW1	ND	ND	ND	ND	ND	ND
MW2	ND	ND	ND	ND	ND	ND
MW3***	2.1	0.032	0.47	0.027	0.062	0.13
			oles Collected on ember 10, 1999			
MW1	ND	0.049	ND	ND	ND	ND
MW2	ND	ND	ND	ND	ND	ND
MW3****	0.39	ND	0.098	0.0073	0.012	0.028

NOTES:

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

MTBE = Methyl tert-Butyl Ether.

ND = Not Detected.

NA = Not Analyzed.

^{** =} In MW3 EPA Method 8010 compounds were not detected except for 0.0013 mg/L 1,2-dichloroethane; and EPA Method 8270 compounds were not detected.

^{*** =} In MW3 EPA Method 8010 compounds were not detected except for 0.0017 mg/L 1,2-Dichloroethane; and EPA Method 8270 compounds were not detected.

^{**** =} In MW3 EPA Method 8010 compounds were not detected except for 0.002 mg/L 1,2-Dichloroethane; and EPA Method 8270 compounds were not detected.

Sample Location	TPH-D	ТРН-G	Benzene	Toluene	Ethyl- benzene	Xylenes
			nples Collected on ebruary 10, 1999			
MW1	NA	ND	ND	ND	ND	ND
MW2	NA	ND	ND	ND	ND	ND
MW3****	NA	4.1	1.7	0.96	0.27	0.42
			nples Collected on ebruary 24, 1998			
MW1	ND	ND	ND	ND	ND	ND
MW2	ND	ND	ND	ND	ND	ND
MW3+	NA	19	4.6	0.33	0.65	1.8
			nples Collected on evember 18, 1997			
MW1	NA	NA	NA	NA	NA	NA
MW2	NA	NA	NA	NA	NA	NA
MW3++	NA	2.1	0.48	0.052	0.071	0.19

NOTES:

TPH-D = Total Petroleum Hydrocarbons as Diesel.

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

ND = Not Detected.

NA = Not Analyzed.

- ***** In MW3, MTBE was not detected; EPA Method 8010 compounds were not detected except for 0.0028 mg/L 1,2-Dichloroethane; and EPA Method 8270 compounds were not detected except for 0.021 mg/L Naphthalene.
- + = In MW3, MTBE was not detected; EPA Method 8010 compounds were not detected except for 0.011 mg/L 1,2-Dichloroethane; and EPA Method 8270 compounds were not detected except for Naphthalene, 2-Methylnaphthalene and Phenol which were detected at concentrations of 0.083, 0.019, and 0.023 mg/L, respectively.
- ++ = In MW3, MTBE was not detected; EPA Method 8010 compounds were not detected except for 0.0021 mg/L 1,2 Dichloroethane; and EPA Method 8270 compounds were not detected except for Naphthalene and 2-Methylnaphthalene which were detected at concentrations of 0.058 and 0.026 mg/L, respectively.

Sample Location	TPH-D	TPH-G	Benzene	Toluene	•	Xylenes		
			mples Collected on August 12, 1997		benzene			
MW1	ND	ND	ND	ND	ND	ND		
MW2	ND	ND	ND	ND	ND	ND		
MW3+++	NA	16	4.2	0.45	0.54	1.9		
	Samples Collected on April 25, 1997							
MW1	NA	NA	NA	NA	NA	NA		
MW2	NA	NA	NA	NA	NA	NA		
MW3++++	NA	30	5.3	0.52	0.95	3.0		
			nples Collected on anuary 31, 1997					
MW1	NA	ND	ND	ND	ND	ND		
MW2	NA	ND	ND	ND	ND	ND		
MW3+++++	NA	5.5	1.6	0.10	0.19	0.41		

NOTES:

TPH-D = Total Petroleum Hydrocarbons as Diesel.

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

ND = Not Detected.

NA = Not Analyzed.

- +++ = In MW3, MTBE was not detected; EPA Method 8010 compounds were not detected except for 0.0091 mg/L 1,2-Dichloroethane; and EPA Method 8270 compounds were not detected except for Bis(2-ethylhexyl) Phthalate, Naphthalene, and 2-Methylnaphthalene which were detected at concentrations of 0.021, 0.087, and 0.024 mg/L, respectively.
- ++++ = In MW3, MTBE was not detected; EPA Method 8010 compounds were not detected except for 0.012 mg/L 1,2 Dichloroethane; and EPA Method 8270 compounds were not detected except for Phenol, 4-Methylphenol, 2,4-Dimethylphenol, Naphthalene, and 2-Methylnaphthalene which were detected at concentrations of 0.0028, 0.0024, 0.0028, 0.066 mg/L, and 0.015 mg/L, respectively.
- +++++ = In MW3, MTBE was detected at a concentration of 0.063 mg/L; EPA Method 8010 compounds were not detected except for 0.014 mg/L 1,2 Dichloroethane; and EPA Method 8270 compounds were not detected except for Phenol, 2,4-Dimethylphenol, Naphthalene, and 2-Methylnaphthalene which were detected at concentrations of 0.0094, 0.0028, 0.031, and 0.0048 mg/L, respectively.

Sample Location	TPH-D	TPH-G	Benzene	Toluene	Ethyl- benzene	Xylenes
		Sar	nples Collected on July 19, 1996		oenzene	
MW1	NA	NA	NA	NA	NA	NA
MW2	NA	NA	NA	NA	NA	NA
MW3@	NA		4.8 nples Collected on April 23, 1996	0.61	0.76	2.8
MW1	NA	ND	ND	ND	ND	ND
MW2	NA	ND	ND	ND	ND	ND
MW3@@	NA	9.7	2.9	0.17	0.38	0.68
			nples Collected on anuary 17, 1996			
MW1	NA	NA	NA	NA	NA	NA
MW2	NA	NA	NA	NA	NA	NA
MW3@@@	NA	21	4.1	0.37	0.52	1.5

NOTES:

TPH-D = Total Petroleum Hydrocarbons as Diesel.

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

ND = Not Detected.

NA = Not Analyzed.

- @ = In MW3, EPA Method 8010 compounds were not detected; EPA Method 8270 compounds were not detected except for 0.0022 mg/L 2,4-Dimethylphenol, 0.1 mg/L Naphthalene, and 0.022 mg/L 2-Methylnaphthalene. The EPA Method 8020 showed that MTBE was detected in MW3 at a concentration of 0.21 mg/L.
- @@ = In MW3, EPA 8010 compounds were not detected except for 0.0051 mg/L 1,2-Dichloroethane; EPA 8270 compounds were not detected except for Naphthalene and Phenol which were detected at concentrations of 0.056 and 0.025 mg/L, respectively. The EPA Method 8020 results showed that MTBE was not detected in MW1 or MW2, and was detected in MW3 at a concentration of 0.15 mg/L.
- @@@ = In MW3, EPA 8010 compounds were not detected except for 0.011 mg/L 1,2-Dichloroethane; EPA 8270 compounds were not detected except for 0.0022 mg/L Phenol, 0.0051 mg/L 4-Methylphenol, 0.0029 mg/L 2,4-Dimethylphenol, 0.032 mg/L Naphthalene, and 0.010 mg/L 2-Methylphenol, 0.032 mg/L Naphthalene.

Sample Location	TPH-D	ТРН-G	Benzene	Toluene	Ethyl-	Xylenes		
			ples Collected on ctober 26, 1995		benzene			
MW1	NA	ND	ND	ND	ND	ND		
MW2	NA	ND	ND	ND	ND	ND		
MW3@@@@	NA	19	4.0	0.48	0.64	1.8		
	Samples Collected on August 15, 1995							
MW1	NA	NA	NA	NA	NA	NA		
MW2	NA	NA	NA	NA	NA	NA		
MW3@@@@@) NA	7.0	2.4	0.23	0.26	0.73		
	Samples Collected on May 2, 1995							
MW1	NA	ND	ND	ND	ND	ND		
MW2	NA	ND	ND	ND	ND	ND		
MW3#	0.84	18	5.4	0.39	0.65	1.7		

NOTES:

TPH-D = Total Petroleum Hydrocarbons as Diesel.

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

ND = Not Detected.

NA = Not Analyzed.

- @@@@ = In MW3, EPA 8010 compounds were not detected except for 0.011 mg/L 1,2-Dichloroethane; EPA 8270 compounds were not detected except for 0.043 mg/L Naphthalene. The EPA Method 8020 results showed that MTBE was not detected in MW1 or MW2, and was detected in MW3 at a concentration of 0.24 mg/L.
- @@@@@ = EPA 8010 compounds were not detected except for 0.0091 mg/L 1,2-Dichloroethane; EPA 8270 compounds were not detected except for 0.003 mg/L 4-Methylphenol, 0.005 mg/L 2,4-Dimethyl Phenol, 0.019 mg/L Naphthalene, and 0.003 mg/L 2-Methylnaphthalene.
- # = Review of the laboratory report and discussions with the laboratory indicate that the results reported as TPH-D are gasoline-range compounds. EPA 8010 compounds not detected except for 0.014 mg/L 1,2-Dichloroethane; EPA 8270 compounds were not detected except for 0.010 mg/L 2-Methyl naphthalene and 0.062 mg/L Naphthalene.

Sample Location	TPH-D	ТРН-G	Benzene	Toluene	Ethyl- benzene	Xylenes
			nples Collected on anuary 30, 1995		ocnzene	
MW1	NA	ND	ND	ND	ND	ND
MW2	NA	ND	ND	ND	ND	ND
MW3##	0.70	24	7.6	0.35	0.90	2.2
			nples Collected on October 31, 1994			
MW1	NA	ND	ND	ND	ND	ND
MW2	NA	ND	ND	ND	ND	ND
MW3###	0.60	8.7	2.6	0.26	0.32	0.92
			ples Collected on July 29, 1994			
MW1	NA	ND	0.0012	ND	ND	ND
MW2	NA	ND	ND	ND	ND	ND
MW3####	0.67	6.3	2.0	0.13	0.22	0.52

NOTES:

TPH-D = Total Petroleum Hydrocarbons as Diesel.

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

ND = Not Detected.

NA = Not Analyzed.

= Review of the laboratory report and discussions with the laboratory indicate that the results reported as TPH-D are gasoline-range compounds. EPA 8010 compounds not detected except for 0.018 mg/L 1,2-Dichloroethane; EPA 8270 compounds were not detected except for 0.014 mg/L 2-Methyl naphthalene and 0.11 mg/L Naphthalene.

= Review of the laboratory report and discussions with the laboratory indicate that the results reported as TPH-D are gasoline-range compounds. EPA 8010 compounds not detected except for 0.019 mg/L 1,2-Dichloroethane; EPA 8270 compounds were not detected except for 0.008 mg/L 2-Methyl naphthalene, 0.047 mg/L Naphthalene, and 0.002 mg/L Bis (2-Ethylhexyl) Phthalate.

= Review of the laboratory report and discussions with the laboratory indicate that the results reported as TPH-D are gasoline-range compounds. EPA 8010 compounds not detected except for 0.0077 mg/L 1,2-Dichloroethane; EPA 8270 compounds not detected except for 0.008 mg/L 2-Methylnaphthalene and 0.044 mg/L Naphthalene. Results are in parts per million (mg/L), unless otherwise specified.

Sample Location	TPH-D	TPH-G	Benzene	Toluene	Ethyl- benzene	Xylenes
4			ples Collected on April 25, 1994		ochizene	
MW1	ND	ND	ND	ND	ND	ND
MW2	ND	ND	ND	ND	ND	ND
MW3#####	2.1	17	4.8	0.47	0.29	1.6
			ples Collected on vember 16, 1993			
MW1	NA	ND	0.0022	ND	ND	ND
MW2	NA	ND	ND	ND	ND	ND
MW3^	NA	12	3.3	0.66	0.24	1.6

NOTES:

TPH-D = Total Petroleum Hydrocarbons as Diesel.

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

ND = Not Detected.

NA = Not Analyzed.

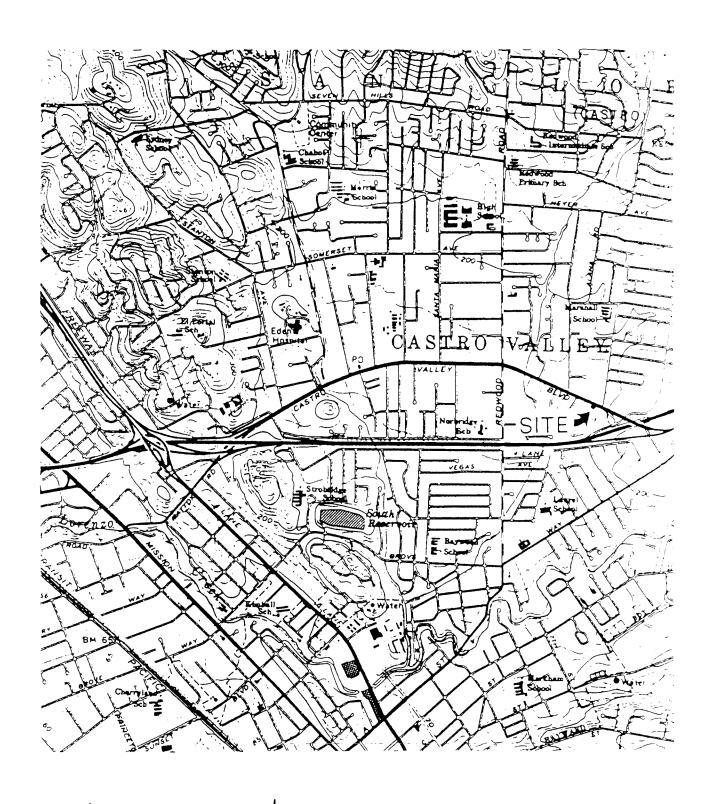
= Review of the laboratory report and discussions with the laboratory indicate that the results reported as TPH-D are gasoline-range compounds. EPA 8010 compounds not detected except for 0.28 mg/L 1,2-Dichloroethane; EPA 8270 compounds not detected except for 0.013 mg/L 2-Methylnapthalene and 0.084 mg/L Naphthalene.

^{^ =} TRPH not detected; EPA 8010 compounds not detected except for 0.027 mg/L 1,2-Dichloroethane; EPA 8270 compounds not detected except for 0.009 mg/L Phenol, 0.006 mg/L Benzyl Alcohol, 0.006 2-Methylphenol, 0.007 mg/L 2,4-Dimethylphenol, 0.088 mg/L Benzoic Acid, 0.042 mg/L Naphthalene, and 0.015 mg/L 2-Methylnapthalene.

FIGURES

P & D ENVIRONMENTAL, INC.

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



Base Map From U.S Geological Survey Hayward, Calif. 7.5 Minute Quadrangle Photorevised 1980



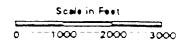
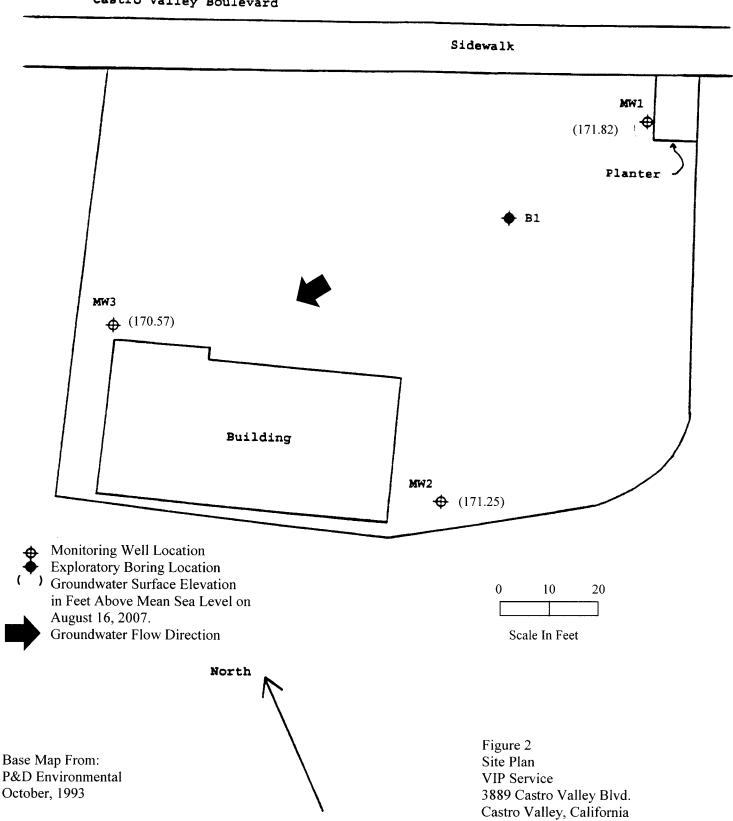


Figure 1 Site Location Map VIP Service 3889 Castro Valley Blvd Castro Valley, California

P & D ENVIRONMENTAL, INC.

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

Castro Valley Boulevard



WELL MONITORING AND PURGE DATA SHEETS

PAD ENVIRONMENTAL GROUNDWATER MONITORING/WELL PURGING DATA SHEET

DAT	A SHEET
site Name VIPService/Castro Valley	Well No. MW1
Job No. 0047	Date 8/16/07
TOC to Water (ft.) 4.045/c 9.0/	Sheen No
Well Depth (ft.) 20.0	Free Product Thickness
Well Diameter 2" (0.6)	Sample Collection Method
Gal./Casing Vol	Teffor Barler
3001=5.4	TOWNERD ATTER CONDUCTIVITY AS CON
TIME GAL. PURGED DH	TEMPERATURE CONSICTIVITY
0,6 5,90	08.3 3,440
<u>6924</u> 1.2 6.01	69.5 >20,000
0927 1.8 6.13	68,9 >20,000
0929 24 6.19	68.7 >20,000
0931 3,0 6.28	68.7
00(3) 3.6 6.33	68.7 >2000
6935 4.2 6.37	68.6 >20,000
6957 4.8 6.38	68.5 200,000
0939 5,4 6.38	68.2 500,000
The second secon	
NOTES: Mosher No oder	surplatine > 0945
Tubing left in well for DTV	v inect.

PURGE10.92



PLD ENVIRONMENTAL GROUNDWATER MONITORING/WELL PURGING DATA SHERT

	11.DC 10	DATA ST	221	
Site Name	VIP Service/C	estro Valley	Well No	MMC
Job No	0047		Date	6/27
TOC to Wate:	r (ft.) \$.49	5×2 8,45	Sheen	NO
Well Depth	(ft.) 20.0		Free Produ	uct Thickness
Well Diamet	er_ 2" (d.	16)		llection Method
Gal./Casing	vol. 1.9.	•	Te	flor Barler
	3001-5	i7 6.38	of	ELECTRICAL MSK
TIME	GAL. PURGED	DH O.	TEMPERATURE	CONDUCTIVITY
0955	0.6	6.78	68.7	20,000
0958	1.2	6.42	686	730,000
1001	1.9	6.44	68.6	73000
1003	<u>z, S</u>	6.37	68.5	>30,000
1005	3.1	6.34	-68.4	-> 30,000
1007	3.8	632	68.3)20,000
1009	4.4	6.30	68.3	20,000
(011	5.0		68,1)30,000
1013	5,7	# 100 r 4 4	68.1)20,000

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NOTES:	Ms	Sheen Noo	10^	
		Sample hime >	endosol	

(3)

P&D ENVIRONMENTAL GROUNDWATER MONITORING/WELL PURGING

	00 /	DATA	Sheet	
Site Name _	VIT Service/Co	<u>strivelley</u>	Well No	MW3
Job No	0047		Date	116/07
TOC to Wate	er (ft.) 874	8.41	Sheen	'/Vo
Well Depth	(ft.) 20.0		Free Produ	oct Thickness
Well Diamet	er	10		llection Method
Gal./Casing	vol. 1.9.			effor Backer
	3001=5,	7	of	ELECTRICAL MI/cm
TIME	GAL. PURGED	DH (77	TEMPERATURE	CONDUCTIVITY
1024	0.6	6.37	69.1	59000
1027	1,2	6.5+	70.6	223,000
1030	1.9	6.36	71.8	230,000
1035	7.5	6.36	71.9	73000
1034	3:1	6,36	71.7	200,000
1036-	3.8	6.36	71.7	>302
(038	4,4	6.35	71.6	>3000
1040	5.0	6.35	71.1	>20,000
1-42	5.7	6.37	70.7	>30,000
				
				
				
				
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tubing i	nwell-left in	for DIV		ine > 1055

LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTATION

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

P & D Environmental	Client Project ID: # 0047; VIP Service/	Date Sampled: 08/16/07
55 Santa Clara, Ste.240	Castro Valley	Date Received: 08/16/07
Oakland, CA 94610	Client Contact: Steve Carmack	Date Reported: 08/23/07
	Client P.O.:	Date Completed: 08/23/07

WorkOrder: 0708489

August 23, 2007

Dear	Steve:

Enclosed are:

- 1). the results of 3 analyzed samples from your #0047; VIP Service/ Castro Valley project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill 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 please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

PDEC 07084189

P & D Environmental, Inc.

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

CHAIN OF CUSTODY RECORD

	(510) 658	-6916			, MAII	N OF CL	72100		(C	U	Jr	U				F	AGE	<u> </u>	ғ <u></u>
-	PROJECT NUMBER: 0047 SAMPLED BY: (PRI STEWN CAPA			30 EST	NAME: Scruice	/Castro Vall	44	NUMBER OF CONTAINERS	AWAL TSIEVE		No of the second	1/2/2/	1	1	PRESER	7		REMARK	\$
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l	Results and billing P&D Environmental, lab@pdenviro.com					REMARKS	V	on e	(eye	-VU	(_V	14	CL						

McCampbell Analytical, Inc.

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

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

5 days

WorkOrder: 0708489 ClientID: PDEO

> EDF Excel Fax ✓ Email HardCopy ☐ ThirdParty

Report to:

Steve Carmack P & D Environmental 55 Santa Clara, Ste.240 Oakland, CA 94610

Email: TEL:

lab@pdenviro.com

(510) 658-691

FAX: 510-834-0152 ProjectNo: #0047; VIP Service/ Castro Valley

PO:

Bill t

Accounts Payable

P & D Environmental 55 Santa Clara, Ste.240

Oakland, CA 94610

Date Received 08/16/2007

Requested TAT:

Date Printed: 08/16/2007

								Req	uested	Tests	(See le	gend be	elow)			
Sample ID	ClientSampID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
0708489-001	MVV-1	Water	8/16/2007 9:45:00				Α						1	Ī		
0708489-002	MVV-2	Water	8/16/2007				Α			· · · · · · · · · · · · · · · · · · ·						
0708489-003	MVV-3	Water	8/16/2007		В	С	Α									

Test Legend:

1	8260B_W	
6		
11		

2	8270D_W
7	
12	

3	G-MBTEX	w
8		

4	
9	

5	
110	

Prepared by: Kimberly Burks

Comments:

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

P & D Environmental

Client Name:

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

Date and Time Received: 8/16/2007 8:41:06 PM

Sample Receipt Checklist

Project Name:	# 0047; VIP Serv	ice/ Cast	ro Valley			Chec	cklist	completed and reviewed by:	Kimberly Burks		
WorkOrder N°;	0708489	Matrix <u>V</u>	<u>Vater</u>			Carri	er:	Rob Pringle (MAI Courier)			
			Chain	of Cu	stody (C	COC) Inform	ation	1			
Chain of custody	present?			Yes	V	No 🗆					
Chain of custody	signed when relinqui	shed and r	eceived?	Yes	V	No 🗆					
Chain of custody	Chain of custody present? Chain of custody signed when relinquished and receive Chain of custody agrees with sample labels? Sample IDs noted by Client on COC? Cate and Time of collection noted by Client on COC? Cate and Time of collection noted by Client on COC? Custody seals intact on shipping container/cooler? Chipping container/cooler in good condition? Camples in proper containers/bottles? Cample containers intact? Custody seals intact on shipping container/cooler? Camples in proper containers/bottles? Cample containers intact? Container sample volume for indicated test? Sample P Container/Temp Blank temperature Vater - VOA vials have zero headspace / no bubbles? Cample labels checked for correct preservation?			Yes	✓	No 🗆					
Sample IDs noted	by Client on COC?			Yes	V	No 🗆					
Date and Time of	collection noted by Cli	ent on CO	C?	Yes	✓	No 🗆					
Sampler's name n	noted on COC?			Yes	\checkmark	No 🗆					
			Sa	ımple	Receipt	Informatio	n				
Custody seals int	act on shipping conta	iner/cooler		Yes		No 🗆		NA 🔽			
Shipping containe	er/cooler in good cond	ition?		Yes	V	No 🗆					
Samples in prope	er containers/bottles?			Yes	✓	No 🗆					
Sample container	rs intact?			Yes	✓	No 🗆					
Sufficient sample	volume for indicated	test?		Yes	V	No 🗆					
Non-color Non-											
Carrier Rob Pringle (MAI Courier)											
Container/Temp B	Blank temperature			Coole	r Temp:	13.2°C		NA 🗆			
Water - VOA vials	s have zero headspac	ce / no bub	bles?	Yes	V	No 🗆	No	VOA vials submitted \Box			
Sample labels ch	ecked for correct pres	servation?		Yes	\checkmark	No 🗌					
TTLC Metal - pH a	acceptable upon recei	pt (pH<2)?		Yes	_ ··	No 🗆		···· NA 🗹			
					===						
Client contacted:		Da	ate contacte	ed:				Contacted by:			
Comments:											

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P & D Environmental	Client Project ID: #0047; VIP Service/ Castro	Date Sampled: 08/16/07
55 Santa Clara, Ste.240	Valley	Date Received: 08/16/07
Oakland, CA 94610	Client Contact: Steve Carmack	Date Extracted: 08/20/07
	Client P.O.:	Date Analyzed 08/20/07

	Gasolin	e Range (C6-C12) Vola	atile Hydroca	rbons as Gaso	line with BTI	EX and MTBE	*		
Extract	ion method SW5030B		Anal	ytical methods SV	W8021B/8015Cm			Work Orde	r: 070	8489
Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	w	ND	ND	ND	ND	ND	ND	1	89
002A	MW-2	W	ND	ND	ND	ND	ND	ND	1	90
003A	MW-3	w	4300,a	ND<50	760	30	120	210	10	108
								-	-	
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				-	-	-	-		<u> -</u>	
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	and the delication are					-	-		<u> </u> -	
	porting Limit for DF =1;	W	50	5.0	0.5	0.5	0.5	0.5	1	μg/L
	means not detected at or ove the reporting limit	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

above the reporting mint		
water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wi	ipe,	
roduct/oil/non-aqueous liquid samples in mg/L.		

[#] cluttered chromatogram; sample peak coelutes with surrogate peak.

⁺The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present, i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.

McCampbell Analytical, Inc.

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P & D Environmental	Client Project ID: # 0047; VIP Service/	Date Sampled: 08/16/07
55 Santa Clara, Ste.240	Castro Valley	Date Received: 08/16/07
5 5 5 m.m. 5 m.m	Client Contact: Steve Carmack	Date Extracted: 08/21/07
Oakland, CA 94610	Client P.O.:	Date Analyzed 08/21/07

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)* Analytical Method: SW8260B Extraction Method: SW5030B Work Order: 0708489 Lab ID 0708489-003B Reporting Limit for Client ID MW-3 DF = 1Matrix S W DF 100 Concentration Compound μg/L μg/kg 0.5 ND<50 Bromodichloromethane NA Bromoform ND<50 NA 0.5 ND<50 0.5 Bromomethane NA 0.5 Carbon Tetrachloride ND<50 NA NA Chlorobenzene ND<50 0.5 Chloroethane ND<50 NA 0.5 2-Chloroethyl Vinyl Ether ND<100 NA 1.0 Chloroform ND<50 0.5 0.5 Chloromethane ND<50 NA Dibromochloromethane ND<50 NA 0.5 1,2-Dichlorobenzene ND<50 NA 0.5 1,3-Dichlorobenzene ND<50 NA 0.5 1,4-Dichlorobenzene ND<50 NA 0.5 Dichlorodifluoromethane ND<50 NA 0.5 1.1-Dichloroethane ND<50 NA 1,2-Dichloroethane (1,2-DCA) ND<50 NA 0.5 0.5 1,1-Dichloroethene ND<50 NA cis-1,2-Dichloroethene ND<50 NA 0.5 trans-1,2-Dichloroethene ND<50 NA 0.5NA 0.5 1,2-Dichloropropane ND<50 cis-1,3-Dichloropropene ND<50 0.5 0.5trans-1,3-Dichloropropene ND<50 NA NA 0.5 Methylene chloride ND<50 0.5 1,1,2,2-Tetrachloroethane ND<50 NA 0.5 Tetrachloroethene ND<50 NA 0.5 1,1,1-Trichloroethane ND<50 NA 1,1,2-Trichloroethane ND<50 NA 0.5 ND<50 0.5 Trichloroethene NA Trichlorofluoromethane ND<50 NA 0.5 Vinyl Chloride ND<50 NA 0.5 Surrogate Recoveries (%) %SS1: 98 %SS2: 89 %SS3: 87 Comments

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



^{*} 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.

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P & D Environmental
Client Project ID: # 0047; VIP Service/
Castro Valley
Date Sampled: 08/16/07

Date Received: 08/16/07

Client Contact: Steve Carmack
Date Extracted: 08/16/07

Client P.O.:
Date Analyzed 08/23/07

Semi-Volatile Organics by GC/MS (Basic Target List)*

	Semi-Volatile	e Orgai	nics by (GC/MS (Basic Target List)^			
Extraction Method: SW3510C		Anal	ytical Met	hod: SW8270C	Work Orc	ler: 070)8489
Lab ID				0708489-003C			
Client ID				MW-3			
Matrix				Water			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	10	Acenaphthylene	ND	1.0	10
Acetochlor	ND	1.0	10	Anthracene	ND	1.0	10
Benzidine	ND	1.0	50	Benzoic Acid	ND	1.0	50
Benzo(a)anthracene	ND	1.0	10	Benzo(b)fluoranthene	ND	1.0	10
Benzo(k)fluoranthene	ND	1.0	10	Benzo(g,h,i)perylene	ND	1.0	10
Benzo(a)pyrene	ND	1.0	10	Benzyl Alcohol	ND	1.0	20
1,1-Biphenyl	ND	1.0	10	Bis (2-chloroethoxy) Methane	ND	1.0	10
Bis (2-chloroethyl) Ether	ND	1.0	10	Bis (2-chloroisopropyl) Ether	ND	1.0	10
Bis (2-ethylhexyl) Phthalate	34	1.0	10	4-Bromophenyl Phenyl Ether	ND	1.0	10
Butylbenzyl Phthalate	ND	1.0	10	4-Chloroaniline	ND	1.0	20
4-Chloro-3-methylphenol	ND	1.0	10	2-Chloronaphthalene	ND	1.0	10
2-Chlorophenol	ND	1.0	10	4-Chlorophenyl Phenyl Ether	ND	1.0	10
Chrysene	ND	1.0	10	Dibenzo(a,h)anthracene	ND	1.0	10
Dibenzofuran	ND	1.0	10	Di-n-butyl Phthalate	ND	1.0	10
1,2-Dichlorobenzene	ND	1.0	10	1,3-Dichlorobenzene	ND	1.0	10
1,4-Dichlorobenzene	ND	1.0	10	3,3-Dichlorobenzidine	ND	1.0	20
2,4-Dichlorophenol	ND	1.0	10	Diethyl Phthalate	ND	1.0	10
2,4-Dimethylphenol	ND	1.0	10	Dimethyl Phthalate	ND	1.0	10
4,6-Dinitro-2-methylphenol	ND	1.0	50	2,4-Dinitrophenol	ND	1.0	50

2,6-Dinitrotoluene

Fluorene

Isophorone

Naphthalene

3-Nitroaniline

Nitrobenzene

4-Nitrophenol

Phenanthrene

1,2-Diphenylhydrazine

Hexachlorobutadiene

2-Methylphenol (o-Cresol)

N-Nitrosodi-n-propylamine

Hexachloroethane

1 1161101	I ND	1 1.0	10	1 VICIO	130	1.0	10				
1,2,4-Trichlorobenzene	ND	1.0	10	2,4,5-Trichlorophenol	ND	1.0	10				
2.4.6-Trichlorophenol	ND	1.0	10	-							
Surrogate Recoveries (%)											
%SS1:	1	05		%SS2:	89						
%SS3: 89				%SS4:	89						
0/,005	1	16		%886:	93						

Comments:

2,4-Dinitrotoluene

Fluoranthene

2-Nitroaniline

4-Nitroaniline

2-Nitrophenol

Di-n-octyl Phthalate

Hexachlorobenzene

Hexachlorocyclopentadiene

3 &/or 4-Methylphenol (m,p-Cres

Indeno (1,2,3-cd) pyrene

N-Nitrosodiphenylamine

Pentachlorophenol

2-Methylnaphthalene

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

ND

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

10

10

10

50

10

50

50

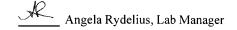
50

10

50

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; J) analyte detected below quantitation limits.



ND

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

10

10

10

10

10

10

10

10

50

10

50

10

10

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

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0708489

EPA Method SW8260B	BatchID: 30027				Sp	Spiked Sample ID: 0708461-009A						
Analyte	Sample	Sample Spiked MS		MSD	MS-MSD LCS LCSD			LCS-LCSD	Acc	eptance	Criteria (%))
, analyte	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Chlorobenzene	ND	10	106	108	1.19	110	110	0	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	115	117	1.30	124	120	2.99	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	78.6	83.1	5.57	107	92.6	14.3	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	82.6	86	4.08	90.2	88.5	1.90	70 - 130	30	70 - 130	30
%SS1:	116	10	119	119	0	116	117	1.05	70 - 130	30	70 - 130	30
%SS2:	96	10	96	95	1.34	94	95	1.35	70 - 130	30	70 - 130	30
%SS3:	97	10	92	92	0	94	94	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 30027 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0708489-003B	08/16/07 10:55 AM	08/21/07	08/21/07 10:49 PM				

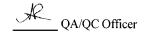
MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% 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.



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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0708489

EPA Method SW8270C	Extra	ction SW	3510C		Bat	chID: 29	996	Spiked Sample ID: N/A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD LCS-LCSD		Acc	Acceptance Criteria (%)		
, and yet	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Acenaphthene	N/A	50	N/A	N/A	N/A	112	116	3.77	N/A	N/A	30 - 130	30
4-Chloro-3-methylphenol	N/A	100	N/A	N/A	N/A	99.3	106	6.85	N/A	N/A	30 - 130	30
2-Chlorophenol	N/A	100	N/A	N/A	N/A	129	130	1.08	N/A	N/A	30 - 130	30
1,4-Dichlorobenzene	N/A	50	N/A	N/A	N/A	103	104	0.992	N/A	N/A	30 - 130	30
2,4-Dinitrotoluene	N/A	50	N/A	N/A	N/A	99.7	99.1	0.594	. N/A	N/A	30 - 130	30
4-Nitrophenol	N/A	100	N/A	N/A	N/A	97	100	3.51	N/A	N/A	30 - 130	30
N-Nitrosodi-n-propylamine	N/A	50	N/A	N/A	N/A	128	130	1.12	N/A	N/A	30 - 130	30
Pentachlorophenol	N/A	100	N/A	N/A	N/A	88.8	90.8	2.19	N/A	N/A	30 - 130	30
Phenol	N/A	100	N/A	N/A	N/A	99.1	103	4.24	N/A	N/A	30 - 130	30
Pyrene	N/A	50	N/A	N/A	N/A	70.6	72.2	2.32	N/A	N/A	30 - 130	30
1,2,4-Trichlorobenzene	N/A	50	N/A	N/A	N/A	105	111	5.58	N/A	N/A	30 - 130	30
%SS1:	·· N/A····	- 5000-	- N/A	- N/A-	- N/A:-	89	- 89	0	N/A	- N/A	30 - 130	30
%SS2:	N/A	5000	N/A	N/A	N/A	98	98	0	N/A	N/A	30 - 130	30
%SS3:	N/A	5000	N/A	N/A	N/A	88	92	5.18	N/A	N/A	30 - 130	30
%SS4:	- N/A	5000	- N/A	· N/A	N/A · · ·	87	88	1.24	··· N/A···	- N/A	30 - 130	30
%SS5:	N/A	5000	N/A	N/A	N/A	100	99	0.947	N/A	N/A	30 - 130	30
%SS6:	N/A	5000	N/A	N/A	N/A	52	54	3.77	N/A	N/A	30 - 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 29996 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0708489-003C	08/16/07 10:55 AN	И ···· 08/16/07····	08/23/07 9:35 AM				-

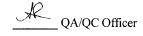
MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

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

MS / MSD spike recoveries and or wRPD 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.



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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0708489

EPA Method SW8021B/8015Cm Extraction SW5030B			BatchiD: 30055				Spiked Sample ID: 0708479-015A					
Analyte	Sample Spiked MS			MSD MS-MSD LCS			LCSD LCS-LCSD	Acceptance Criteria (%)				
Analyte	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)	ND	60	81.3	94	14.5	83.9	81.6	2.75	70 - 130	30	70 - 130	30
мтве	ND	10	124	111	11.4	110	105	4.25	70 - 130	30	70 - 130	30
Benzene	ND	10	98.4	101	2.90	94.2	95.8	1.68	70 - 130	30	70 - 130	30
Toluene	ND	10	99	106	6.49	91.8	92.7	1.03	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	97.2	100	2.92	92.1	92.9	0.819	70 - 130	30	70 - 130	30
Xylenes	ND	30	91.3	95	3.94	86.3	89.7	3.79	70 - 130	30	70 - 130	30
%SS:	107	10	103	105	1.71	102	107	4.86	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 30055 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0708489-001A	08/16/07 9:45 AM	08/20/07	08/20/07 3:48 PM	0708489-002A	08/16/07 10:20 AM	08/20/07	08/20/07 4:29 PM
0708489-003A	08/16/07 10:55 AM	08/20/07	08/20/07 5:08 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.

