R0315

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Transmitted Via UPS Next Day Air Saver

October 27, 2006

Mr. Amir K. Gholami, REHS
Hazardous Materials Specialist
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502-6577

Re: Groundwater Monitoring & Sampling Report
UPS – Oakland Hub
8400 Pardee Drive, Oakland, California
State ID # 583

Dear Mr. Gholami:

On behalf of United Parcel Service (UPS), Blasland, Bouck & Lee, Inc. an ARCADIS company (BBL) is transmitting herewith the Second Semi-Annual 2006 Monitoring & Sampling Report for the above-referenced facility. This report describes groundwater monitoring efforts performed at the site on September 28, 2006. The groundwater monitoring events were conducted in accordance with the Work Plan approval letter, dated August 8, 1997, from the Alameda County Health Care Services Agency. Monthly Free Product Gauging and Recovery Data for 2006 are also included.

UPS is considering replacing the existing diesel underground storage tanks (USTs) at the latter part of 2006. If this occurs, it is UPS's plan to remediate residual petroleum hydrocarbons at this time via selective over-excavation of impacted soils and/or stained pea gravel, and possible impacted tank pit water. If you have any questions regarding this report, please do not hesitate to contact Mr. Hugh Devery at (770) 428-9009 extension 11.

Sincerely,

BLASLAND, BOUCK & LEE, INC.

Hugh B. Devery, P.G.
Senior Geologist

Attachments

cc: Ms. Linda Lyons, UPS, (w/ attach.)

975 Cobb Place Blvd. NW • Suite 311 • Kennesaw, GA 30144-4817
Tel (770) 428-9009 • Fax (770) 428-4004 • www.bbl-inc.com • Offices Nationwide

REPORT

Year 2006 Second Semi-Annual Monitoring & Sampling Report

UPS – Oakland Hub
8400 Pardee Drive
Oakland, California
State ID # 583

United Parcel Service
55 Glenlake Parkway, NE
Atlanta, Georgia 30328

October 2006

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TECHNICAL REPORT

Year 2006 Second Semi-Annual Monitoring & Sampling Report

UPS – Oakland Hub
8400 Pardee Drive
Oakland, California
State ID # 583

United Parcel Service
55 Glenlake Parkway, NE
Atlanta, Georgia 30328

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Groundwater Monitoring & Sampling

1.1. Introduction

United Parcel Service (UPS) retained Blasland, Bouck & Lee, Inc. (BBL) to perform semi-annual quality groundwater monitoring at the UPS-Oakland Hub located at 8400 Pardee Drive, Oakland, California (**Figures 1** and **2**). This report describes results of groundwater monitoring performed on September 28, 2006. Groundwater monitoring was conducted in accordance with the Alameda County Health Care Services (ACHCS)–approved work plan (BBL, August 1997). Monthly free product gauging and recovery are also included as **Table 1**.

Groundwater samples were collected from groundwater monitoring wells MW-1, MW-2, MW-3 and OW-1 on September 28, 2006. The field activities were conducted in accordance with the groundwater monitoring procedures described in **Appendix A**. Water levels were measured prior to purging the wells. Purge water was monitored to document stabilization of pH, temperature, and conductivity parameters (**Appendix B**). Disposal of purged water is described in Section 1.4.

1.2. Water Levels

Depths to water in the four monitoring wells were measured on September 28, 2006. Static fluid levels in the wells were measured to an accuracy of 0.01-foot (ft) using an electronic interface probe that is capable of detecting water and phase-separated hydrocarbons (PSH). PSH was detected in wells MW-2 and OW-1 at the apparent thickness of 0.03-ft and 0.02-ft. Groundwater elevations in monitoring wells MW-1 through MW-3 in September 2006 were approximately 1.0 to 1.25-ft lower than water levels measured during the last sampling event of March 2006. A generalized groundwater contour map prepared using the September 2006 groundwater elevation data is shown on **Figure 3**. Groundwater flow is to the southwest, which is consistent with historical groundwater flow direction.

1.3. Water Quality

Groundwater samples were collected from monitoring wells MW-1, MW-2, MW-3 and OW-1 on September 28, 2006. The thin layer amount of PSH was bailed off prior to sampling monitoring well MW-2 (0.03-ft). and OW-1 (0.02-ft) The groundwater samples were analyzed for total petroleum hydrocarbons as diesel (TPH-d) by US Environmental Protection Agency (USEPA) Method 8015M and for TPH-gasoline (TPH-g), benzene, toluene, ethylbenzene, total xylenes, and methyl tert-butyl ether (BTEX/MTBE) by USEPA Method 8260B. Analyses were conducted by STL in Pleasanton, California, certified for environmental analyses by the California Department of Health Services (certificate number 2496). Summaries of the groundwater analytical data are presented in **Table 2** and on **Figure 4**. The laboratory analytical results and chain-of-custody documentation are attached as **Appendix C**.

Benzene was not detected above the primary drinking water maximum contaminant levels (MCL) of Title 22 of the California Code of Regulations in the groundwater sample collected from any wells. MTBE concentrations were detected in MW-1 at the low concentration of 0.87 micrograms per liter (µg/L). MTBE was not detected above MCL in any of the groundwater samples. No additional BTEX analytes were detected above detection limits or MCL in any of the remaining groundwater samples collected during the Septmber 2006 monitoring event. TPH-g was detected in monitoring wells MW-1, MW-2 and MW-3; MW-1 contained a concentration of 0.22 milligrams per liter (mg/L), MW-2 contained a concentration of 0.062 mg/L, MW-3 contained a concentration of 0.37 mg/L and OW-1 contained a concentration of 0.82 mg/L. TPH-d concentrations were detected in wells MW-1, MW-2, MW-3 and OW-1; MW-1 contained a concentration of 28.0 mg/L, MW-2 contained a concentration of 7.5 mg/L, MW-3 contained a concentration of 17.0 mg/L and OW-1 contained a concentration of 130.0 mg/L. There is currently no established MCL for TPH-g or TPH-d.

1.4. Purge Water Handling

The water generated from groundwater sampling activities was contained in two 55-gallon drums and stored at the UPS Hub pending proper disposal offsite.

1.5. Summary

1. PSH was detected in monitoring wells MW-2 and OW-1 with an apparent thickness' of 0.03-ft and 0.02-ft.

2. Groundwater samples were collected on September 28, 2006 and sampled for BTEX, MTBE, TPH-g and TPH-d.

3. Groundwater elevations in September 2006 for site wells were approximately 1.0 to 1.25-ft feet lower on average than water levels measured during the last sampling event of March 2006. Groundwater flow is to the southwest, consistent with historical direction.

4. BTEX was not detected above laboratory detection limits or their primary drinking water MCLs.

5. MTBE was detected in MW-1 at the low concentration of 0.87 µg/L. MTBE was not detected above detection limits in any of the other groundwater samples, and is below its MCL.

6. TPH-g and TPH-d were both detected at low concentrations in site wells; however, a MCL for TPH-g or TPH-d does not exist.

References:

Blasland, Bouck & Lee, Inc., 1997. Work Plan for UPS Distribution Center, 8400 Pardee Drive, Oakland, California.

FIGURES

UPS- Oakland Hub

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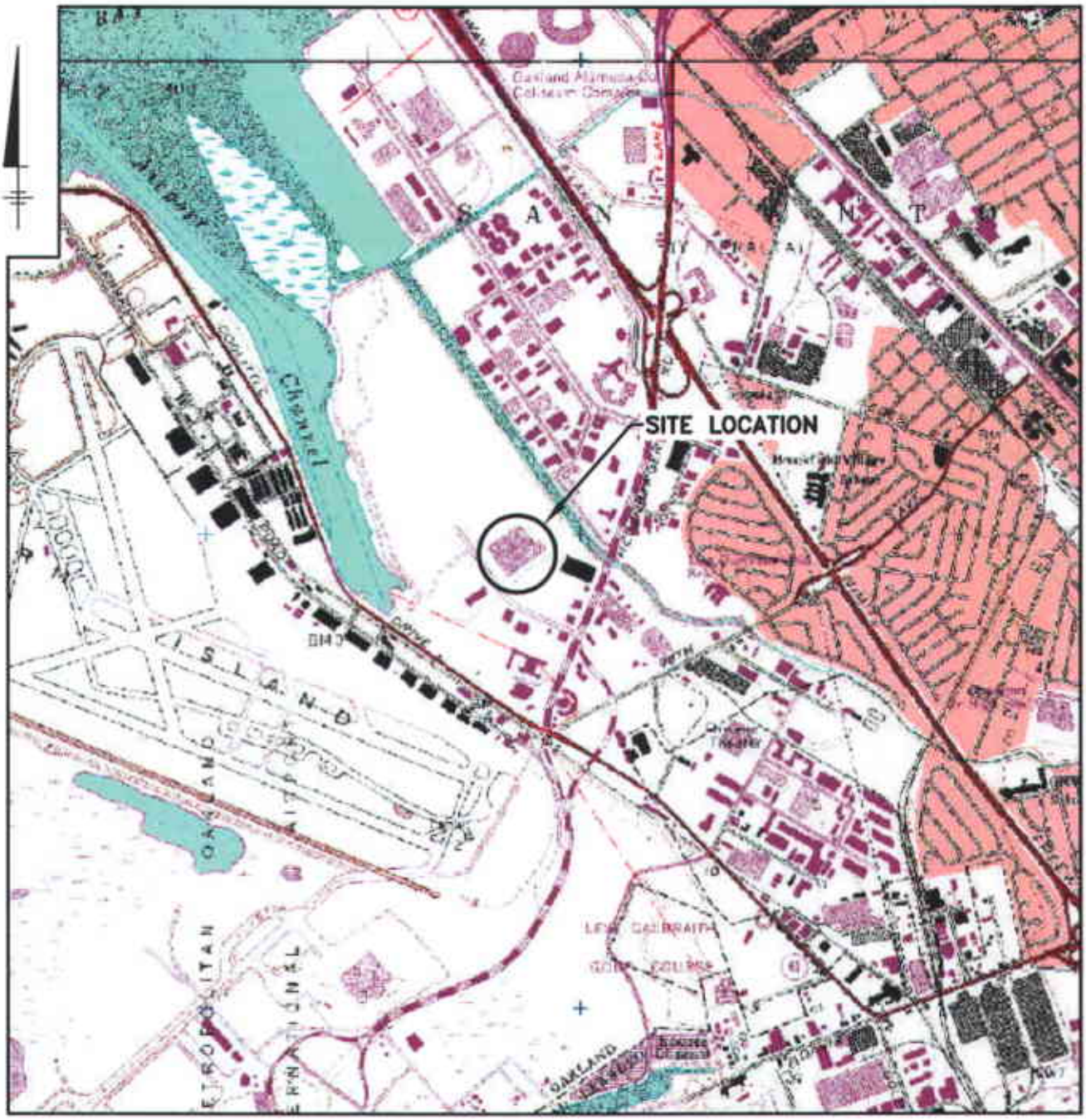

NOTES:

1. Base Map Source: USGS 7.5 Min. Topo. Quad., San Leandro, Calif.(1993)
2. Property Location is Approximate Only.

0 2000' 4000'

APPROXIMATE SCALE: 1"=2000'

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8400 PARDEE DRIVE, OAKLAND, CALIFORNIA
GROUNDWATER MONITORING REPORT

TOPOGRAPHIC MAP OF SITE LOCATION AND VICINITY

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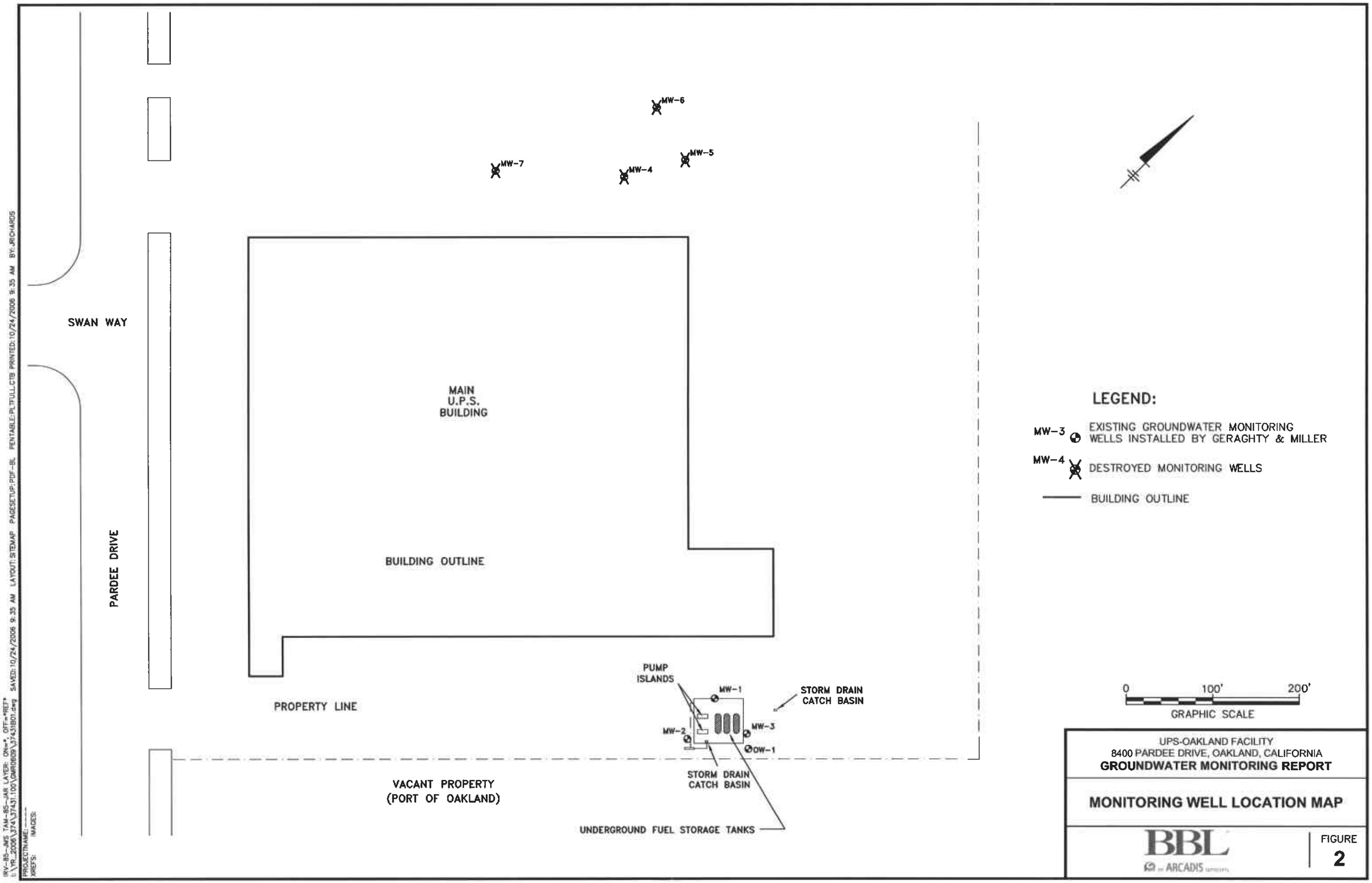
FIGURE 1



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PROJECTNAME:
XREFS: IMAGES:

UPS-OAKLAND FACILITY
8400 PARDEE DRIVE, OAKLAND, CALIFORNIA
GROUNDWATER MONITORING REPORT

MONITORING WELL LOCATION MAP

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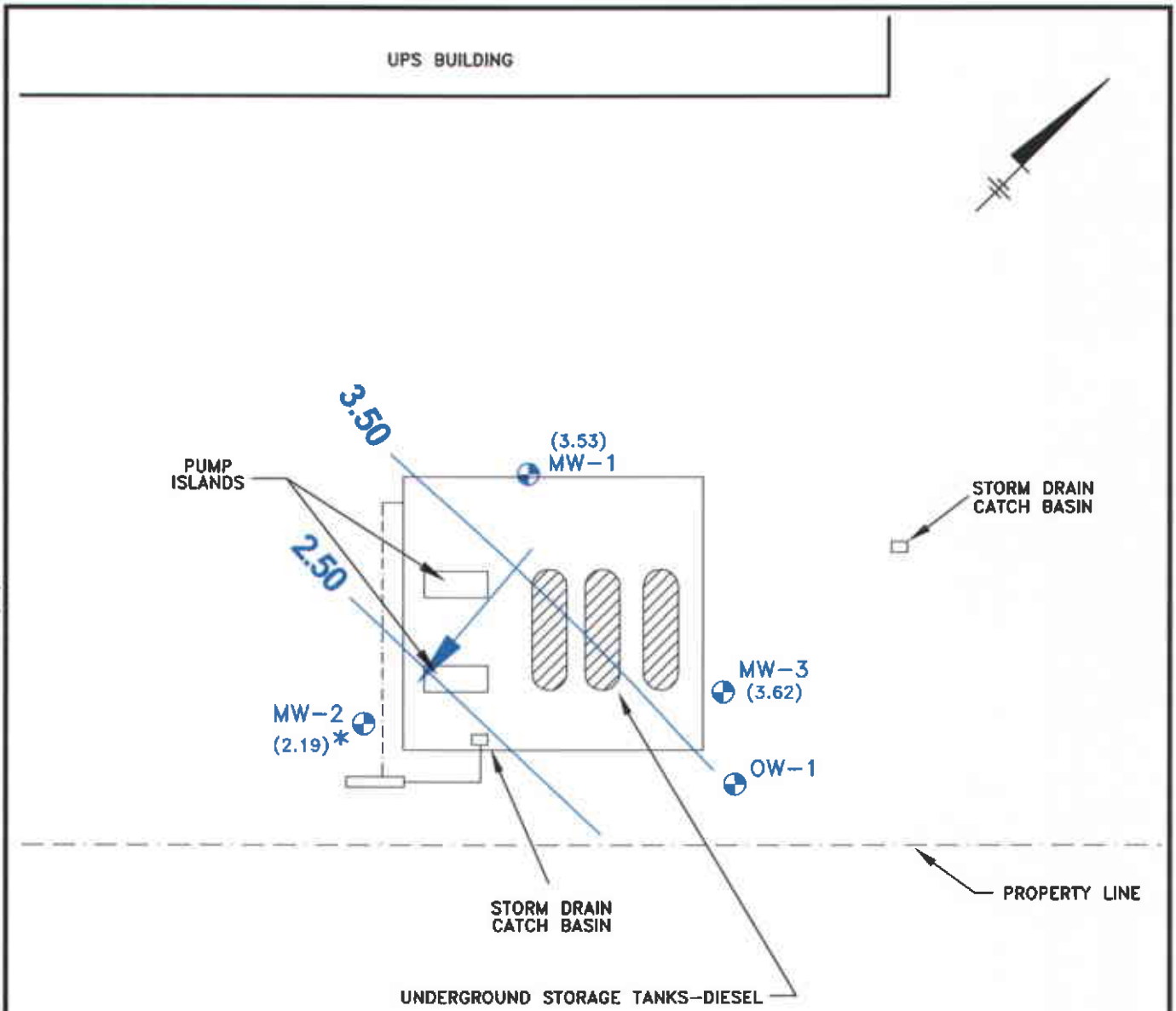
FIGURE
2



LEGEND:

MW-1 GROUNDWATER MONITORING WELL

(3.75) GROUNDWATER TABLE ELEVATION (FEET ABOVE MSL)

4.00 GROUNDWATER ELEVATION CONTOUR

* GROUNDWATER ELEVATION NOT CORRECTED FOR 0.03 FOOT OF PRODUCT PRESENT IN WELL

GROUNDWATER FLOW DIRECTION

0 30' 60'

GRAPHIC SCALE

NOTE:

1. OW-1 WAS NOT USED TO GENERATE CONTOURS. NO SURVEY DATA.

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8400 PARDEE DRIVE, OAKLAND, CALIFORNIA
GROUNDWATER MONITORING REPORT

GROUNDWATER CONTOUR MAP
SEPTEMBER 28, 2006

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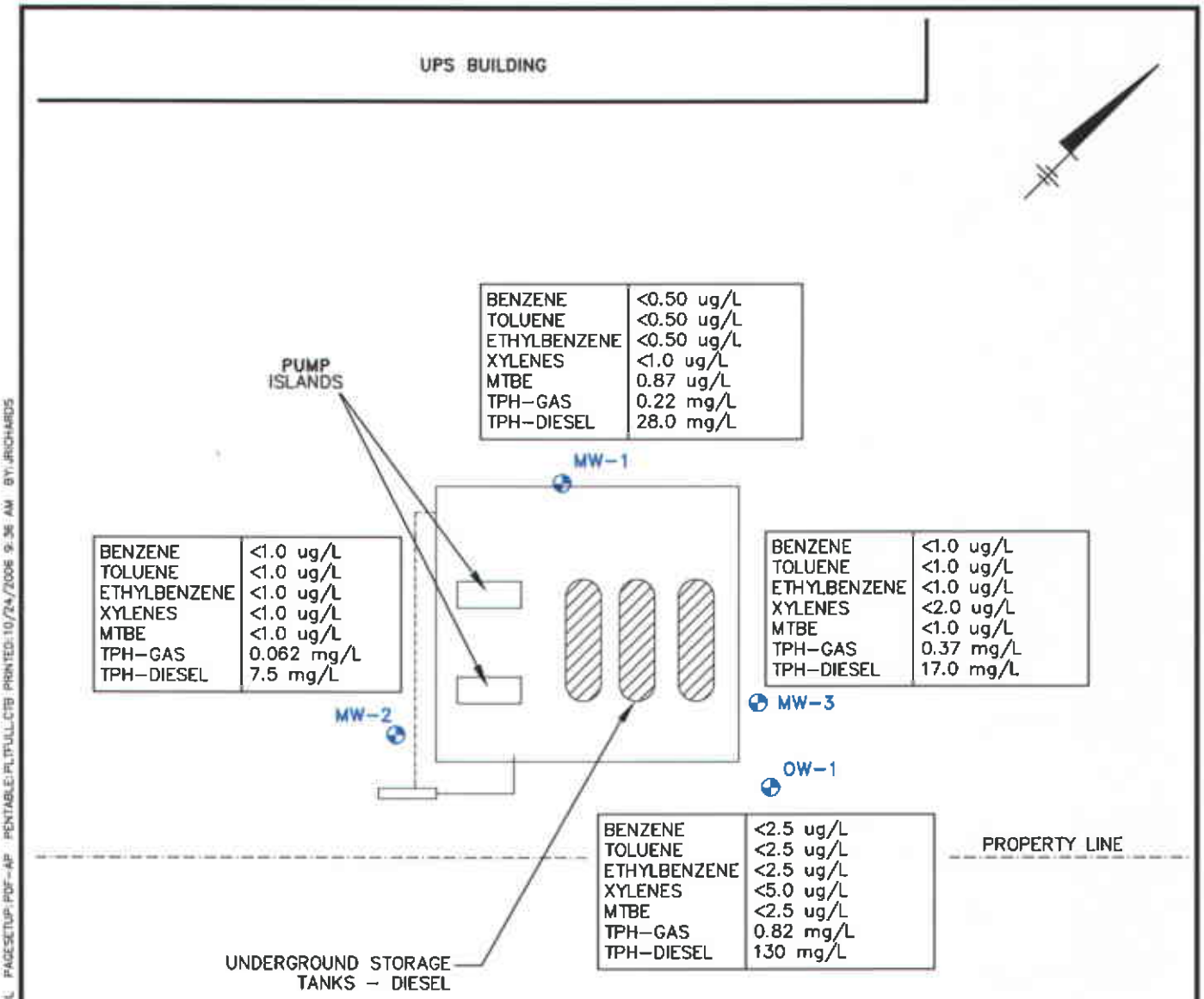
FIGURE
3



LEGEND:

MW-1 EXISTING GROUNDWATER MONITORING WELLS INSTALLED BY GERAGHTY & MILLER

ug/L MICROGRAMS PER LITER

mg/L MILLIGRAMS PER LITER

TPH TOTAL PETROLEUM HYDROCARBONS

0 30' 60'

GRAPHIC SCALE

UPS-OAKLAND FACILITY
8400 PARDEE DRIVE, OAKLAND, CALIFORNIA

GROUNDWATER MONITORING REPORT

GROUNDWATER QUALITY MAP
SEPTEMBER 28, 2006

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FIGURE 4

TABLES

UPS- Oakland Hub

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TABLE 1

HISTORICAL GROUNDWATER ELEVATION SUMMARY

UPS-OAKLAND HUB
8400 PARDEE DRIVE
OAKLAND, CALIFORNIA
STATE ID # 583

Monitoring Well	Reference Elevation	Date Sampled	Depth to Groundwater (ft)	Groundwater Elevation (ft)	Change in Measurement (ft)	Product Thickness (ft)
MW-1	7.43	8/28/1990	3.80	3.63	--	0.00
		9/20/1990	3.99	3.44	-0.19	0.00
		6/19/1991	3.47	3.96	0.52	NM
		7/23/1991	3.70	3.73	-0.23	NM
		8/26/1991	3.92	3.51	-0.22	NM
		11/18/1991	4.21	3.22	-0.29	NM
		2/3/1992	3.99	3.44	0.22	NM
		6/29/1992	3.38	4.05	0.61	NM
		6/23/1993	2.72	4.71	0.66	NM
		10/11/1993	3.87	3.56	-1.15	NM
		1/4/1994	3.34	4.09	0.53	NM
		5/10/1994	2.14	5.29	1.20	NM
		2/1/1995	1.84	5.59	0.30	NM
		8/2/1995	3.10	4.33	-1.26	NM
		10/16/1995	3.75	3.68	-0.65	NM
		12/28/1995	3.56	3.87	0.19	NM
		6/4/1997	3.16	4.27	0.40	0.00
		9/30/1999	3.75	3.68	N/A	0.00
		10/11/2000	3.88	3.55	-0.13	0.00
		9/3/2002	3.73	3.70	0.15	0.00
		10/22/2002	5.11	2.32	-1.38	0.05
		12/23/2002	3.51	3.92	1.60	0.00
		3/28/2003	3.52	3.91	-0.01	0.00
		6/20/2003	3.50	3.93	0.02	0.00
		7/14/2003	3.65	3.78	-0.15	0.00
		8/25/2003	3.87	3.56	-0.22	0.00
		9/9/2003	4.02	3.41	-0.15	0.00
		9/25/2003	4.10	3.33	-0.08	0.00
		10/28/2003	4.29	3.14	-0.19	0.00
		11/18/2003	4.32	3.11	-0.03	0.00
		12/2/2003	4.34	3.09	-0.02	0.00
		1/27/2004	3.88	3.55	0.46	0.00
		2/24/2004	2.75	4.68	1.13	0.00
		3/29/2004	3.45	3.98	-0.70	0.00
		4/19/2004	3.55	3.88	-0.10	0.00
		5/20/2004	3.69	3.74	-0.14	0.00
		6/22/2004	3.81	3.62	-0.12	0.00
		7/27/2004	3.99	3.44	-0.18	0.00
		8/24/2004	4.14	3.29	-0.15	0.00
		9/29/2004	4.32	3.11	-0.18	0.00
		10/25/2004	3.89	3.54	0.43	0.00
		12/15/2004	3.18	4.25	0.71	0.00
		1/24/2005	2.69	4.74	0.49	0.00
		2/23/2005	2.48	4.95	0.21	0.00
		3/23/2005	2.21	5.22	0.27	0.00
		4/29/2005	2.57	4.86	-0.36	0.00
		5/27/2005	2.68	4.75	-0.11	0.00
		6/29/2005	2.97	4.46	-0.29	0.00
		7/20/2005	3.13	4.30	-0.16	0.00
		8/24/2005	3.48	3.95	-0.35	0.00
		9/27/2005	3.69	3.74	-0.21	0.00
		10/19/2005	3.87	3.56	-0.18	0.00
		11/29/2005	3.79	3.64	0.08	0.00
		12/29/2005	3.08	4.35	0.71	0.00
		1/31/2006	2.91	4.52	0.17	0.00
		2/28/2006	2.84	4.59	0.07	0.00
		3/27/2006	2.26	5.17	0.58	0.00
		4/28/2006	2.40	5.03	-0.14	0.00
		6/27/2006	3.09	4.34	-0.69	0.00
		7/31/2006	3.35	4.08	-0.26	0.00
		8/29/2006	3.60	3.83	-0.25	0.00
		9/28/2006	3.90	3.53	-0.30	0.00

Notes:
1. Reference elevation surveyed relative to mean sea level by Geraghty and Miller (Geraghty and Miller, Inc., 1990)
2. Depth to groundwater measured from notch/mark on north edge of well casing
3. Sources: Geraghty and Miller, 1996; BBL
4. NM = Not measured; NC = Not calculated; N/A= Not Available

TABLE 1

HISTORICAL GROUNDWATER ELEVATION SUMMARY

UPS-OAKLAND HUB
8400 PARDEE DRIVE
OAKLAND, CALIFORNIA
STATE ID # 583

Monitoring Well	Reference Elevation	Date Sampled	Depth to Groundwater (ft)	Groundwater Elevation (ft)	Change in Measurement (ft)	Product Thickness (ft)
MW-2	7.15	8/28/1990	4.98	2.17	--	0.00
		9/20/1990	4.94	2.21	0.04	N/A
		6/19/1991	4.66	2.49	0.28	N/A
		7/23/1991	4.81	2.34	-0.15	N/A
		8/26/1991	4.89	2.26	-0.08	N/A
		11/18/1991	4.93	2.22	-0.04	N/A
		2/3/1992	4.44	2.71	0.49	N/A
		6/29/1992	4.80	2.35	-0.36	N/A
		6/23/1993	4.38	2.77	0.42	N/A
		10/11/1993	5.20	1.95	-0.82	N/A
		1/4/1994	4.56	2.59	0.64	N/A
		5/10/1994	4.20	2.95	0.36	N/A
		2/1/1995	4.00	3.15	0.2	N/A
		8/2/1995	4.71	2.44	-0.71	N/A
		10/16/1995	5.02	2.13	-0.31	N/A
		12/28/1995	4.56	2.59	0.46	N/A
		6/12/1996	NM	--	--	0.25
		6/4/1997	6.02	1.13	N/A	Small globules
		9/30/1999	4.95	2.20	1.07	0.00
		10/11/2000	4.97	2.18	-0.02	0.08
		9/3/2002	5.02	2.13	-0.05	0.07
		9/27/2002	4.89	2.26	0.13	0.09
		12/23/2002	4.25	2.90	0.64	0.04
		2/12/2003	4.26	2.89	-0.01	0.01
		3/28/2003	4.35	2.80	-0.09	0.01
		6/20/2003	4.55	2.60	-0.20	0.01
		7/14/2003	4.56	2.59	-0.01	0.00
		8/25/2003	4.79	2.36	-0.23	0.01
		9/9/2003	4.90	2.25	-0.11	0.01
		9/25/2003	4.97	2.18	-0.07	0.01
		10/28/2003	4.98	2.17	-0.01	0.04
		11/18/2003	4.83	2.32	0.15	0.00
		12/3/2003	4.87	2.28	-0.04	0.00
		1/27/2004	7.39	-0.24	-2.52	0.00
		2/24/2004	4.56	2.59	2.83	0.01
		3/29/2004	4.24	2.91	0.32	0.01
		4/19/2004	4.50	2.65	-0.26	0.01
		5/20/2004	4.53	2.62	-0.03	0.00
		6/22/2004	4.65	2.50	-0.12	0.00
		7/27/2004	4.80	2.35	-0.15	0.00
		8/24/2004	5.93	1.22	-1.13	0.00
		9/29/2004	5.00	2.15	0.93	0.02
		10/25/2004	4.68	2.47	0.32	0.00
		12/15/2004	4.34	2.81	0.34	0.02
		1/24/2005	4.15	3.00	0.19	0.00
		2/23/2005	4.95	2.20	-0.80	0.03
		3/23/2005	4.96	2.19	-0.01	0.02
		4/29/2005	4.23	2.92	0.73	0.10
		5/27/2005	4.20	2.95	0.03	0.02
		6/29/2005	4.29	2.86	-0.09	0.00
		7/20/2005	4.48	2.67	-0.19	0.04
		8/24/2005	4.71	2.44	-0.23	0.00
		9/27/2005	4.98	2.17	-0.27	0.03
		10/19/2005	5.08	2.07	-0.1	0.00
		11/29/2005	4.68	2.47	0.40	0.01
		12/29/2005	4.19	2.96	0.49	0.01
		1/31/2006	4.05	3.10	0.14	0.00
		2/28/2006	4.16	2.99	-0.11	0.00
		3/27/2006	4.11	3.04	0.05	0.01
		4/28/2006	4.03	3.12	0.08	0.00
		6/27/2006	4.45	2.70	-0.42	0.01
		7/31/2006	4.60	2.55	-0.15	0.02
		8/29/2006	4.84	2.31	-0.24	0.01
		9/28/2006	4.96	2.19	-0.12	0.03

Notes:
1. Reference elevation surveyed relative to mean sea level by Geraghty and Miller (Geraghty and Miller, Inc., 1990)
2. Depth to groundwater measured from notch/mark on north edge of well casing
3. Sources: Geraghty and Miller, 1996; BBL
4. NM = Not measured; NC = Not calculated; N/A= Not Available

TABLE 1

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8400 PARDEE DRIVE
OAKLAND, CALIFORNIA
STATE ID # 583

Monitoring Well	Reference Elevation	Date Sampled	Depth to Groundwater (ft)	Groundwater Elevation (ft)	Change in Measurement (ft)	Product Thickness (ft)
MW-3	7.42	8/28/1990	3.88	3.54	--	0.00
		9/20/1990	3.99	3.43	-0.11	0.00
		6/19/1991	3.49	3.93	0.50	0.00
		7/23/1991	3.71	3.71	-0.22	0.00
		8/26/1991	3.94	3.48	-0.23	0.00
		11/18/1991	4.23	3.19	-0.29	0.00
		2/3/1992	4.01	3.41	0.22	0.00
		6/29/1992	3.40	4.02	0.61	0.00
		6/23/1993	2.75	4.67	0.65	0.00
		10/11/1993	3.84	3.58	-1.09	0.00
		1/4/1994	3.40	4.02	0.44	0.00
		5/10/1994	2.25	5.17	1.15	0.00
		2/1/1995	2.43	4.99	-0.18	0.00
		8/2/1995	3.20	4.22	-0.77	0.00
		10/16/1995	3.72	3.70	-0.52	0.00
		12/28/1995	3.56	3.86	0.16	0.00
		6/4/1997	3.20	4.22	0.36	0.00
		6/3/1998	NM	--	--	0.00
		9/30/1999	3.72	3.70	-0.52	0.00
		10/11/2000	3.88	3.54	-0.16	0.00
		9/3/2002	3.75	3.67	0.13	0.00
		12/23/2003	3.50	3.92	0.25	0.00
		3/28/2003	3.56	3.86	-0.06	0.00
		6/20/2003	3.52	3.90	0.04	0.00
		7/14/2003	3.65	3.77	-0.13	0.00
		8/25/2003	3.99	3.43	-0.34	0.00
		9/9/2003	3.99	3.43	0.00	0.00
		9/25/2003	4.06	3.36	-0.07	0.00
		10/28/2003	4.15	3.27	-0.09	0.00
		11/18/2003	4.28	3.14	-0.13	0.00
		12/2/2003	4.31	3.11	-0.03	0.00
		1/27/2004	3.85	3.57	0.46	0.00
		2/24/2004	3.70	3.72	0.15	0.00
		3/29/2004	3.47	3.95	0.23	0.00
		4/19/2004	3.55	3.87	-0.08	0.00
		5/20/2004	3.65	3.77	-0.10	0.00
		6/22/2004	3.83	3.59	-0.18	0.00
		7/27/2004	3.98	3.44	-0.15	0.00
		8/24/2004	4.14	3.28	-0.16	0.00
		9/29/2004	4.30	3.12	-0.16	0.00
		10/25/2004	3.85	3.57	0.45	0.00
		12/15/2004	3.16	4.26	0.69	0.00
		1/24/2005	2.65	4.77	0.51	0.00
		2/23/2005	2.50	4.92	0.15	0.00
		3/23/2005	2.48	4.94	0.02	0.00
		4/29/2005	2.59	4.83	-0.11	0.00
		5/27/2005	2.75	4.67	-0.16	0.00
		6/29/2005	3.05	4.37	-0.30	0.00
		7/20/2005	3.10	4.32	-0.05	0.00
		8/24/2005	3.45	3.97	-0.35	0.00
		9/27/2005	3.71	3.71	-0.26	0.00
		10/19/2005	3.73	3.69	-0.02	0.00
		11/29/2005	3.75	3.67	-0.02	0.00
		12/29/2005	3.08	4.34	0.67	0.00
		1/31/2006	2.99	4.43	0.09	0.00
		2/28/2006	2.95	4.47	0.04	0.00
		3/27/2006	2.60	4.82	0.35	0.00
		4/28/2006	2.90	4.52	-0.30	0.00
		6/27/2006	3.01	4.41	-0.11	0.00
		7/31/2006	4.33	3.09	-1.32	0.00
		8/29/2006	3.62	3.80	0.71	0.00
		9/28/2006	3.80	3.62	-0.18	0.00

Notes:
1. Reference elevation surveyed relative to mean sea level by Geraghty and Miller (Geraghty and Miller, Inc., 1990)
2. Depth to groundwater measured from notch/mark on north edge of well casing
3. Sources: Geraghty and Miller, 1996; BBL
4. NM = Not measured; NC = Not calculated; N/A= Not Available

TABLE 1

HISTORICAL GROUNDWATER ELEVATION SUMMARY

UPS-OAKLAND HUB
8400 PARDEE DRIVE
OAKLAND, CALIFORNIA
STATE ID # 583

Monitoring Well	Reference Elevation	Date Sampled	Depth to Groundwater (ft)	Groundwater Elevation (ft)	Change in Measurement (ft)	Product Thickness (ft)
OW-1	N/A	6/4/1997	7.22	NC	--	0.01
		9/30/1999	8.35	NC	1.13	0.01
		10/11/2000	6.90	NC	-1.45	0.09
		10/22/2002	7.34	NC	0.44	0.01
		9/27/2002	7.02	NC	-0.32	0.14
		12/23/2002	5.17	NC	-1.85	0.03
		1/16/2003	4.97	NC	-0.20	0.01
		2/12/2003	5.23	NC	0.26	0.01
		3/28/2003	5.16	NC	-0.07	0.01
		6/20/2003	4.93	NC	-0.23	0.01
		7/14/2003	5.33	NC	0.40	0.00
		8/28/2003	5.85	NC	0.52	0.00
		9/9/2003	6.33	NC	0.48	0.00
		9/25/2003	6.52	NC	0.19	0.01
		10/28/2003	7.26	NC	0.74	0.03
		11/18/2003	7.29	NC	0.03	0.00
		12/2/2003	7.23	NC	-0.06	0.03
		1/27/2004	7.96	NC	0.73	0.01
		2/24/2004	6.26	NC	-1.7	0.02
		3/29/2004	6.08	NC	-0.18	0.02
		4/19/2004	6.29	NC	0.21	0.03
		5/20/2004	6.16	NC	-0.13	0.00
		6/22/2004	6.37	NC	0.21	0.00
		7/27/2004	5.67	NC	-0.7	0.04
		8/24/2004	6.81	NC	1.14	0.00
		9/29/2004	7.08	NC	0.27	0.04
		10/25/2004	6.74	NC	-0.34	0.04
		12/15/2004	5.33	NC	-1.41	0.01
		1/24/2005	3.98	NC	-1.35	0.00
		2/23/2005	3.44	NC	-0.54	0.01
		3/23/2005	3.34	NC	-0.1	0.02
		4/29/2005	6.89	NC	3.55	0.13
		5/27/2005	7.18	NC	0.29	0.11
		6/29/2005	7.12	NC	-0.06	0.10
		7/20/2005	7.20	NC	0.08	0.10
		8/24/2005	7.15	NC	-0.05	0.06
		9/27/2005	7.43	NC	0.28	0.12
		10/19/2005	7.48	NC	0.05	0.11
		11/29/2005	7.00	NC	-0.48	0.04
		12/29/2005	5.22	NC	-1.78	0.00
		1/31/2006	5.64	NC	0.42	0.00
		2/28/2006	6.53	NC	0.89	0.01
		3/27/2006	5.80	NC	-0.73	0.01
		4/28/2006	6.39	NC	0.59	0.00
		6/27/2006	7.82	NC	1.43	0.06
		7/31/2006	5.82	NC	-2.00	0.05
		8/29/2006	7.05	NC	1.23	0.07
		9/28/2006	7.10	NC	0.05	0.02

Notes:
1. Reference elevation surveyed relative to mean sea level by Geraghty and Miller (Geraghty and Miller, Inc., 1990)
2. Depth to groundwater measured from notch/mark on north edge of well casing
3. Sources: Geraghty and Miller, 1996; BBL
4. NM = Not measured; NC = Not calculated; N/A= Not Available

TABLE 2

HISTORICAL GROUNDWATER MONITORING RESULTS SUMMARY

UPS-OAKLAND HUB
8400 PARDEE DRIVE
OAKLAND, CALIFORNIA
STATE ID # 583

Monitoring Well	Date	Benzene µg/L	Toluene µg/L	Ethyl-benzene µg/L	Total Xylenes µg/L	MTBE µg/L	TPH as gasoline (mg/L)	TPH as diesel (mg/L)	D.O. (mg/L)
MW-1	8/28/1990	3	1.4	4	2.4	NA	NA	21	NA
	6/19/1991	1.7	0.7	0.5	0.9	NA	NA	7.1	NA
	7/23/1991	1.6	1.1	0.5	1.5	NA	0.22	8.7	NA
	8/26/1991	180	120	31	160	NA	NA	2.8	NA
	11/18/1991	1.1	0.4	0.5	< 0.3	NA	NA	6.6	NA
	2/3/1992	0.9	< 0.3	0.8	0.7	NA	NA	2.2	NA
	6/29/1992	0.8	0.4	0.4	0.9	NA	NA	2.1	NA
	6/23/1993	0.66	< 0.5	0.5	< 0.5	NA	NA	3.2	NA
	10/11/1993	1.3	< 0.5	< 0.5	< 0.5	NA	NA	9.6	NA
	1/4/1994	2.1	0.65	1.3	2.1	NA	NA	12	NA
	5/10/1994	0.54	0.53	< 0.5	1.1	NA	NA	6.4	NA
	2/1/1995	< 1.0	< 1.0	1	< 1.0	NA	0.51	10	NA
	8/2/1995	< 0.5	< 0.5	< 0.5	< 0.5	NA	0.51	8.7	NA
	10/16/1995	2.8	< 0.5	< 0.5	< 0.5	NA	0.83	15	NA
	12/28/1995	2.1	< 0.5	< 0.5	< 0.5	NA	0.56	15	NA
	6/4/1997	NA	NA	NA	NA	NA	NA	28	0.76
	9/30/1999	< 0.5	0.6	< 0.5	1.8	<3	1.6	28	9.9
	10/11/2000	< 0.5	< 0.5	< 0.5	< 1.0	< 5	0.26	21	0.39
	9/3/2002	<0.5	<0.5	<0.5	0.5	<0.5	1.2	38	NA
	3/28/2003	<5	<5	<5	<10	<5.0	0.25	35	NM
	9/9/2003	<0.5	<0.5	<0.5	<1.0	0.6	0.44	11	NM
	4/19/2004	3.2	<2.5	<2.5	<5.0	<2.5	0.280	24.00 ndp	NM
	9/29/2004	<1.0	<1.0	<1.0	<2.0	2.1	1.40 g	150 ndp	NM
	3/23/2005	<1.0	<1.0	<1.0	<2.0	<1.0	0.55 Q1	15 Q2	NM
	11/29/2005	< 0.50	< 0.50	< 0.50	<1.0	0.94	0.31	7.80	NM
	3/27/2006	< 0.50	< 0.50	< 0.50	<1.0	0.62	0.42	11.0	NM
	9/28/2006	< 0.50	< 0.50	< 0.50	<1.0	0.87	0.22	28.0	NM
MCL	–	1	150	300	1,750	13	--	--	--

Notes:

(µg/L) = are micrograms per liter and mg/L are milligrams per liter.
NA = Not Analyzed; NS = Not Sampled; NM = Not Measured
TPH = Total petroleum hydrocarbons; MTBE = Methyl tertiary butyl ether.
Title 22 of the California Code of Regulations, California Maximum Contaminant Levels (MCLs) for drinking water.
D.O. = Dissolved Oxygen measured in the field.
Results collected between the dates of 8/28/90 and 12/28/95 are based on prior reporting by Geraghty & Miller, Inc. (1996).
Bold values indicate analytical detections above MCL.
The 9/96, 10/96 BBL reports revealed concentrations reported as TPH as diesel did not resemble the diesel chromatogram standard, containing > C-26.
J - Estimated value between MDL and PQL.
ndp - Hydrocarbon reported does not match the pattern of laboratory Diesel standard.
Q2 = Quantity of unknown hydrocarbon(s) in sample based on diesel.
Q1 = Quantity of unknown hydrocarbon(s) in sample based on gasoline.

TABLE 2

HISTORICAL GROUNDWATER MONITORING RESULTS SUMMARY

UPS-OAKLAND HUB
8400 PARDEE DRIVE
OAKLAND, CALIFORNIA
STATE ID # 583

Monitoring Well	Date	Benzene µg/L	Toluene µg/L	Ethyl-benzene µg/L	Total Xylenes µg/L	MTBE µg/L	TPH as gasoline (mg/L)	TPH as diesel (mg/L)	D.O. (mg/L)
MW-2	8/28/1990	0.6	0.4	0.6	0.7	NA	NA	3.5	NA
	6/19/1991	0.5	< 0.3	< 0.3	< 0.3	NA	NA	<0.50	NA
	7/23/1991	0.7	< 0.3	< 0.3	< 0.3	NA	<0.50	0.66	NA
	8/26/1991	0.7	< 0.3	< 0.3	< 0.3	NA	NA	<0.50	NA
	11/18/1991	0.8	< 0.3	< 0.3	< 0.3	NA	NA	3.2	NA
	2/3/1992	0.7	< 0.3	< 0.3	0.5	NA	NA	0.4	NA
	6/29/1992	0.6	< 0.3	< 0.3	< 0.3	NA	NA	0.25	NA
	6/23/1993	0.55	< 0.5	< 0.5	< 0.5	NA	NA	11	NA
	10/11/1993	1.2	< 0.5	< 0.5	1.3	NA	NA	1.4	NA
	1/4/1994	0.72	< 0.5	< 0.5	1.1	NA	NA	3.7	NA
	5/10/1994	0.74	< 0.5	< 0.5	0.7	NA	NA	2.3	NA
	2/1/1995	2.1	< 1.0	< 1.0	< 1.0	NA	<100	2.1	NA
	8/2/1995	< 0.5	< 0.5	< 0.5	< 0.5	NA	0.21	3.6	NA
	10/16/1995	0.73	< 0.5	< 0.5	< 0.5	NA	0.13	1.4	NA
	12/28/1995	< 0.5	< 0.5	< 0.5	< 0.5	NA	0.21	2.8	NA
	6/12/1996	NS	NS	NS	NS	NS	NS	--	NS
	6/4/1997	NA	NA	NA	NA	NA	NA	3.3	0.52
	9/30/1999	< 0.5	< 0.5	< 0.5	< 1.0	< 3.0	0.22	6.3	9.5
	10/11/2000	< 0.5	< 0.5	< 0.5	< 1.0	< 5.0	0.17	4.4	0.43
	9/27/2002	0.7J	<2.5	<2.5	<2.5	<2.5	17	67	NM
	3/28/2003	<25	<25	<25	<50	<25	1.6	10	NM
	9/25/2003	0.52	<0.50	<0.50	<1.0	<0.50	0.15	12	NM
	3/29/2004	0.51	<0.50	<0.50	<1.0	<0.50	0.084 g	7.80 ndp	NM
	9/29/2004	<0.50	<0.50	<0.50	<1.0	<0.50	0.63 g	10 ndp	NM
	1/24/2005	<0.50	<0.50	<0.50	<1.0	<0.50	2.3 Q1	15 Q2	NM
	11/29/2005	<1.0	<1.0	<1.0	<2.0	<1.0	1.90	22.0	NM
	3/27/2006	<1.0	<1.0	<1.0	<2.0	<1.0	0.71	8.9	NM
	9/28/2006	<0.50	<0.50	<0.50	<1.0	<0.50	0.062	7.5	NM
MCL	--	1	150	300	1,750	13	--	--	--

Notes:

(µg/L) = are micrograms per liter and mg/L are milligrams per liter.
NA = Not Analyzed; NS = Not Sampled; NM = Not Measured
TPH = Total petroleum hydrocarbons; MTBE = Methyl tertiary butyl ether.
Title 22 of the California Code of Regulations, California Maximum Contaminant Levels (MCLs) for drinking water.
D.O. = Dissolved Oxygen measured in the field.
Results collected between the dates of 8/28/90 and 12/28/95 are based on prior reporting by Geraghty & Miller, Inc. (1996).
Bold values indicate analytical detections above MCL.
The 9/96, 10/96 BBL reports revealed concentrations reported as TPH as diesel did not resemble the diesel chromatogram standard, containing > C-26.
J - Estimated value between MDL and PQL.
g - Hydrocarbon reported in the gasoline range does not match laboratory gasoline standard.
ndp - Hydrocarbon reported does not match the pattern of laboratory Diesel standard.
Q2 = Quantity of unknown hydrocarbon(s) in sample based on diesel.
Q1 = Quantity of unknown hydrocarbon(s) in sample based on gasoline.

TABLE 2

HISTORICAL GROUNDWATER MONITORING RESULTS SUMMARY

UPS-OAKLAND HUB
8400 PARDEE DRIVE
OAKLAND, CALIFORNIA
STATE ID # 583

Monitoring Well	Date	Benzene µg/L	Toluene µg/L	Ethyl-benzene µg/L	Total Xylenes µg/L	MTBE µg/L	TPH as gasoline (mg/L)	TPH as diesel (mg/L)	D.O. (mg/L)
MW-3	8/28/1990	0.5	0.8	4.3	2.3	NA	NA	18	NA
	6/19/1991	0.4	0.4	1.7	1.4	NA	NA	1.3	NA
	7/23/1991	0.3	< 0.3	1.5	0.5	NA	0.33	6.8	NA
	8/26/1991	13	13	5.8	26	NA	NA	<0.05	NA
	11/18/1991	0.6	< 0.3	< 0.3	< 0.3	NA	NA	2.5	NA
	2/3/1992	0.4	< 0.3	1.3	0.6	NA	NA	1.1	NA
	6/29/1992	< 0.3	< 0.3	1.3	0.3	NA	NA	3.2	NA
	6/23/1993	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	8.1	NA
	10/11/1993	1	< 0.5	1.5	2.4	NA	NA	7.1	NA
	1/4/1994	< 0.5	< 0.5	1.6	< 0.5	NA	NA	7.4	NA
	5/10/1994	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	5.7	NA
	2/1/1995	< 1.0	< 1.0	2.7	4.1	NA	0.81	10	NA
	8/2/1995	< 0.5	< 0.5	< 0.5	< 0.5	NA	1.2	6.5	NA
	10/16/1995	< 0.5	< 0.5	< 0.5	< 0.5	NA	0.93	9.8	NA
	12/28/1995	< 0.5	< 0.5	< 0.5	< 0.5	NA	0.69	11	NA
	6/4/1997	NA	NA	NA	NA	NA	NA	34	0.84
	9/30/1999	< 0.5	0.6	0.7	1.2	< 3.0	1.3	8.7	8.6
	10/11/2000	< 0.5	< 0.5	< 0.5	< 1.0	< 5.0	0.43	20	0.51
	9/3/2002	<0.5	<0.5	<0.5	<0.5	<0.5	2.3	14	NA
	3/28/2003	<25	<25	<25	<50	<25	2.5	19	NM
	9/9/2003	<0.5	<0.5	<0.5	<1.0	<0.5	0.7	73	NM
	4/19/2004	<0.50	<0.50	<0.50	<1.0	<0.50	0.099	14 ndp	NM
	9/29/2004	<2.5	<2.5	<2.5	<5.0	<2.5	0.39 g	10 ndp	NM
	1/24/2005	<2.5	<2.5	<2.5	<5.0	<2.5	.33 Q1	14 Q2	NM
	11/29/2005	< 1.0	< 1.0	<1.0	< 2.0	< 1.0	1.20	8.30	NM
	3/27/2006	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	0.43	13.0	NM
	9/28/2006	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	0.37	17.0	NM
MCL	--	1	150	300	1,750	13	--	--	--

Notes:
(µg/L) = are micrograms per liter and mg/L are milligrams per liter.
NA = Not Analyzed; NS = Not Sampled; NM = Not Measured
TPH = Total petroleum hydrocarbons; MTBE = Methyl tertiary butyl ether.
Title 22 of the California Code of Regulations, California Maximum Contaminant Levels (MCLs) for drinking water.
D.O. = Dissolved Oxygen measured in the field.
Results collected between the dates of 8/28/90 and 12/28/95 are based on prior reporting by Geraghty & Miller, Inc. (1996).
Bold values indicate analytical detections above MCL.
The 9/96, 10/96 BBL reports revealed concentrations reported as TPH as diesel did not resemble the diesel chromatogram standard, containing > C-26.
J - Estimated value between MDL and PQL.
ndp - Hydrocarbon reported does not match the pattern of laboratory Diesel standard.
Q2 = Quantity of unknown hydrocarbon(s) in sample based on diesel.
Q1 = Quantity of unknown hydrocarbon(s) in sample based on gasoline.

TABLE 2

HISTORICAL GROUNDWATER MONITORING RESULTS SUMMARY

UPS-OAKLAND HUB
8400 PARDEE DRIVE
OAKLAND, CALIFORNIA
STATE ID # 583

Monitoring Well	Date	Benzene µg/L	Toluene µg/L	Ethyl-benzene µg/L	Total Xylenes µg/L	MTBE µg/L	TPH as gasoline (mg/L)	TPH as diesel (mg/L)	D.O. (mg/L)
OW-1	6/23/1993	< 0.5	< 0.5	< 0.5	31.0	NA	NA	3,400	NA
	6/4/1997	NS	NS	NS	NS	NS	NS	NS	NS
	9/30/1999	< 2.0	< 2.0	< 2.0	4.2	< 12.0	8.3	2,800	9.7
	9/30/1999	< 1.0	< 1.0	1.9	8.9	< 6.0	2.9	340	--
	10/11/2000	< 0.5	< 0.5	< 0.5	< 1.0	< 5.0	2.1	58	0.74
	9/27/2002	0.6J	<2.5	<2.5	<2.5	<2.5	17	23	NA
	3/28/2003	<50	<50	<50	<100	<50	0.82	81	NM
	9/25/2003	<50	530	500	6,200	<50	0.22	91	NM
	3/29/2004	<0.50	<0.50	<0.50	<1.0	<0.50	0.51	280 ndp	NM
	9/29/2004	<2.5	<2.5	<2.5	<5.0	<2.5	2.80 g	440 ndp	NM
	1/24/2005	<0.50	<0.50	<0.50	<1.0	<0.50	.22 Q1	16 Q2	NM
	11/29/2005	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	0.65	30.0	NM
	3/27/2006	<13	<13	<13	<25	<13	<1.30	58.0	NM
	9/28/2006	<2.5	<2.5	<2.5	<5.0	<2.5	0.82	130.0	NM
MCL	--	1	150	300	1,750	13	--	--	--

Notes:
(µg/L) = are micrograms per liter and mg/L are milligrams per liter.
NA = Not Analyzed; NS = Not Sampled; NM = Not Measured
TPH = Total petroleum hydrocarbons; MTBE = Methyl tertiary butyl ether.
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D.O. = Dissolved Oxygen measured in the field.
Results collected between the dates of 8/28/90 and 12/28/95 are based on prior reporting by Geraghty & Miller, Inc. (1996).
Bold values indicate analytical detections above MCL.
The 9/96, 10/96 BBL reports revealed concentrations reported as TPH as diesel did not resemble the diesel chromatogram standard, containing > C-26.
J - Estimated value between MDL and PQL.
ndp - Hydrocarbon reported does not match the pattern of laboratory Diesel standard.
Q2 = Quantity of unknown hydrocarbon(s) in sample based on diesel.
Q1 = Quantity of unknown hydrocarbon(s) in sample based on gasoline.

APPENDIX A

Standard Field Procedures for Groundwater Monitoring UPS- Oakland Hub

BBL®
an ARCADIS company

STANDARD FIELD PROCEDURES FOR GROUNDWATER MONITORING AND WELL SAMPLING

Standard field procedures for groundwater sampling at UPS are as follows during the monitoring events.

Groundwater Sampling Procedure

Prior to the collection of groundwater samples at the subject property, each well is sounded to determine depth to water and total well depth using an electronic Interface Probe. From this data, the wetted casing volume is calculated for each monitoring well. The electric sounder is cleaned in a solution of Liquinox (or equivalent) and water, and triple-rinsed with de-ionized water before and after measuring each well.

The wells are purged a minimum of three wetted casing volumes prior to sampling utilizing a new disposable bailer or an electric submersible pump. Purged water from the casing and gravel/sand pack is contained in labeled, sealed, DOT-approved 55-gallon drums. This purge water is stored on-site in a designated hazardous waste storage area until proper disposal can be determined based on groundwater sampling laboratory results.

Dedicated latex or nitrile surgical gloves and string are used when sampling each well. A new disposable bailer is used to sample each well to avoid the potential for cross-contamination. Upon collection, the groundwater samples are transferred from the sampling bailer to clean, laboratory-provided, sample containers. The sample containers are filled, labeled and sealed with teflon-lined screw lids and septa. The sample containers are double-bagged in self-locking plastic bags to prevent cross-contamination, placed on ice to prevent possible volatilization, and transported to a California state certified laboratory. Transportation of the samples follows industry standard chain-of-custody protocol. In addition, a duplicate sample is collected from one of the monitoring wells. The duplicate sample and the laboratory-supplied trip blank are also transported in the iced cooler with the other collected groundwater samples.

Decontamination Procedures

The non-disposable field drilling and sampling equipment is cleaned prior and after use. Field equipment is cleaned with a solution of Liquinox (or equivalent) and water. Prior to each use all field equipment is subsequently, triple rinsed with the final being de-ionized water. The purge water and decontamination water is collected in 55-gallon DOT approved drums and temporarily stored on-site pending laboratory analysis.

APPENDIX B

Well Gauging Data
UPS- Oakland Hub

BBL®
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WELL GAUGING DATA

Project # 060928-SS4 Date 9/28/06 Client BB&L

Site 8400 PARDEE, OAKLAND.

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: ~~TOB~~ or TOC	Notes
MW-1	1414	4					3.90	14.00		
MW-2	1408	4		4.93	.03		4.96	14.40		
MW-3	1400	4		[redacted]			3.80	14.50		
OW-1	1355	6		7.08	.02		7.10	~~18.40~~	✓	

WELL MONITORING DATA SHEET

Project #: 060928-SS4	Client: BB&L
Sampler: Kodch	Start Date: 9/28/06
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 14.00	Depth to Water: 3.90
Before: After:	Before: 9 After: 3.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

- Bailer
- (Disposable Bailer) 3"
- Positive Air Displacement
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: Bailer

- (Disposable Bailer)
- Extraction Port
- Dedicated Tubing
- Other:_____

6.5 (Gals.) X 3 = 19.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp. (°F or °C)	pH	Conductivity (mS or µS)	Turbidity (NTU)	Gals. Removed	Observations
1450	75.3	6.9	1981	442	6.5	Grey, sheen, odor
1453	75.7	6.9	2001	>1000	13.0	"
1456	75.8	6.9	2111	>1000	19.5	"

Did well dewater? Yes (No) Gallons actually evacuated: 19.5

Sampling Time: 1500 Sampling Date: 9/28/06

Sample I.D.: MW-1 Laboratory: STL

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
ORP (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060928-554	Client: BB & L
Sampler: SOOCH	Date: 9/28/06
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 14.40	Depth to Water (DTW): 4.96
Depth to Free Product: 4.93	Thickness of Free Product (feet): .03
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer; (Disposable Bailer 3"); Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ___

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: ___

6.1 / ~~15~~ (Gals.) X 3 = 18.3 / ~~4.5~~ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
BAILED	~14 ml	SPH	prior to purge:			
1518	Light product, heavy sheen. no parameters taken due to possible instrument damage.					
1522	well dewatered @		8 gal.			

Did well dewater? (Yes) No — Gallons actually evacuated: 8

Sampling Date: 9/28/06 — Sampling Time: 1555 — Depth to Water: 6.02

Sample I.D.: MW-2 — Laboratory: Kiff CalScience Other STL

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Oxygenates (5) Other:

EB I.D. (if applicable): @ Time — Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060928-554	Client: BB & L
Sampler: Scott	Date: 9/28/06
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 14.50	Depth to Water (DTW): 3.80
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer; (Disposable Bailer 3"); Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: ~~Bailer~~; (Disposable Bailer); ~~Extraction Port~~; Dedicated Tubing; Other: ____

7 (Gals.) X	3	=	21 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1429	76.7	6.6	1760	177	7	Sheen, odor
1434	75.3	6.7	2116	162	14	" "
	well	dewatered @	14 gal.			DTW = 12.47
1550	76.0	6.6	2222	110	—	

Did well dewater? (Yes) No — Gallons actually evacuated: 14

Sampling Date: 9/28/06 — Sampling Time: 1550 — Depth to Water: 4.03

Sample I.D.: MW-3 — Laboratory: Kiff CalScience Other STL

Analyzed for: ~~TPH-G~~ (BTEX) (MTBE) ~~TPH-D~~ Oxygenates (5) Other:

EB I.D. (if applicable): @ Time — Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060928-554	Client: BB & L
Sampler: SDOH	Date: 9/28/06
Well I.D.: OW-1	Well Diameter: 2 3 4 (6) 8 ___
Total Well Depth (TD): 16.40	Depth to Water (DTW): 7.10
Depth to Free Product: 7.08	Thickness of Free Product (feet): .02
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer; Disposable Bailer (3"); Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other:_____

16.6 (Gals.) X 3 = 49.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
BAILED	111 ml	SPH prior to purge.				
1540	Heavy sheen,	Product - no parameters		taken.		
	well dewatered @	17 gal.				

Did well dewater? (Yes) No Gallons actually evacuated: 17

Sampling Date: 9/28/06 Sampling Time: 1600 Depth to Water: 11.08

Sample I.D.: OW-1 Laboratory: Kiff CalScience Other GTL

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF BTS # 060928-554

CLIENT: Blasland, Bouck, & Lee, Inc.

SITE: UPS
8400 Pardee Drive
Oakland, CA

CONDUCT ANALYSIS TO DETECT

LAB: STL | DHS #:

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
- ☐ EPA
- ☐ LIA
- ☐ OTHER
- ☐ RWQCB REGION _____

SPECIAL INSTRUCTIONS

Invoice and Report to : Blasland, Bouck,& Lee, Inc.
Attn: Hugh Devery
~~770~~ 428-9009 770-428-9009

Low Detection levels requested

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL	C = COMPOSITE ALL CONTAINERS	TPH-Gro, BTEX, MTBE (8260)	TPH-D (8015)							ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-1	9/28	1500	W	6		X	X										
MW-2	↓	1555	↓	↓		X	X										
MW-3		1550				X	X										
OW-1		1600				X	X										

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY
	9/28/06	1615	Suchteon Sung

RESULTS NEEDED NO LATER THAN: As contracted

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	9/28/06	1755	(Sample Custodian)	9/28/06	1800
(Sample Custodian)	9/29/06	1000	#5212	9/29/06	1000

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

WELLHEAD INSPECTION CHECKLIST

Page ____ of ____

Client BB & L Date 9/28/06

Site Address 8400 Pardee OAKLAND

Job Number 060928-554 Technician SDC

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12"or less)	WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-1	X									
MW-2	X									
MW-3	X									
OW-1								X		

NOTES: OW-1: missing 1 bolt.

SPH or Purge Water Drum Log

Client: BB&L

Site Address: UPS - Oakland, CA

STATUS OF DRUM(S) UPON ARRIVAL

Date	3/27/06	4-28-06	5-31-06	6-27-06	7/31/06	8/29/06
Number of drum(s) empty:						
Number of drum(s) 1/4 full:	1	1		1	1	1
Number of drum(s) 1/2 full:						
Number of drum(s) 3/4 full:						
Number of drum(s) full:		1				
Total drum(s) on site:	1	2	0	1	1	1
Are the drum(s) properly labeled?	Y	y		Y	y	Y
Drum ID & Contents:	SPH + H_2O	→	"	"	SPH & H_2O	"
If any drum(s) are partially or totally filled, what is the first use date:	2/28/06	→			5/31/06 ~~2/28/06~~	5/31/06

- If you add any SPH to an empty or partially filled drum, drum must have at least 20 gals. of Purgewater or DI Water.

-If drum contains SPH, the drum MUST be steel AND labeled with the appropriate label.

-All BTS drums MUST be labeled appropriately.

STATUS OF DRUM(S) UPON DEPARTURE

Date	3/27/06	4-28-06	5-31-06	6-27-06	7/31/06	8/29/06
Number of drums empty:						
Number of drum(s) 1/4 full:	1	1	1	1	1	1
Number of drum(s) 1/2 full:						
Number of drum(s) 3/4 full:						
Number of drum(s) full:	1	1				
Total drum(s) on site:	2	2	1	1	1	1
Are the drum(s) properly labeled?	Yes	y	y	y	y	Y
Drum ID & Contents:	SPH + H_2O	→	→	→	→	→

LOCATION OF DRUM(S)

Describe location of drum(s): SEE MAP

FINAL STATUS

Number of new drum(s) left on site this event	1	0	1	0	0	0
Date of inspection:	3/27/06	4-28-06	5-31-06	6-27-06	7/31/06	8/29/06
Drum(s) labelled properly:	Y	y	y	y	y	Y
Logged by BTS Field Tech:	DW	DW	DW	DW	DW	DW
Office reviewed by:						

WELLHEAD INSPECTION CHECKLIST

Page ____ of ____

Date 8-29-06 Client Oakland

Site Address 8400 Pardee Dr Oakland

Job Number 060829-OW-2 Technician DW

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-1	X							
MW-2	Y							
MW-3	Y							
OW-1		Rim	loose,	missing	1	bolt		

NOTES:

WELL GAUGING DATA

Project # 060829-OW-2 Date 8-29-06 Client BBL

Site 8400 Pardee Dr Oakland

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	1020	4					3.60	-		
MW-2	1029	4		4.83	.01	.25	4.84	-		
MW-3	1025	4	Sheen				3.62	-		
OW-1	1033	5		6.98	.07	768	7.05	-		

WELL MONITORING DATA SHEET

Project #: 060829-QW-2	Client: BBL
Sampler: DW	Date: 8-29-06
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): —	Depth to Water (DTW): 3.60
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other ____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: ____

____ (Gals.) X — = ____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
		No	SPH	detected		

Did well dewater? Yes No — Gallons actually evacuated:

Sampling Date: — Sampling Time: — Depth to Water:

Sample I.D.: — Laboratory: Kiff CalScience Other ____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time — Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060829-GW-2	Client: BBL
Sampler: DW	Date: 8-29-06
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): —	Depth to Water (DTW): 4.84
Depth to Free Product: 4.83	Thickness of Free Product (feet): .01
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer, X Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: _____

_____(Gals.) X — = _____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
		Bailed ≈ 25 gal SPH from well				

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory: Kiff CalScience Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060829-QW-2	Client: BBL
Sampler: DW	Date: 8-29-06
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): —	Depth to Water (DTW): 3.62
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: Bailer / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: _____

_____(Gals.) X _____ = _____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
		No	SPH detected. Sheen			

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory: Kiff CalScience Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060829-QW-2	Client: BBL
Sampler: DW	Date: 8-29-06
Well I.D.: QW-1	Well Diameter: 2 3 4 6 8 5
Total Well Depth (TD): —	Depth to Water (DTW): 7.05
Depth to Free Product: 6.98	Thickness of Free Product (feet): .07
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer; X Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

_____(Gals.) X _____ = _____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
		Bailed ≈ 268 ml SPH from well				

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory: Kiff CalScience Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SPH or Purge Water Drum Log

Client: BB&C

Site Address: UPS - Oakland, CA

STATUS OF DRUM(S) UPON ARRIVAL

Date	3/27/06	4.28.06	5.31.06	6.27.06	7/31/06	
Number of drum(s) empty:						
Number of drum(s) 1/4 full:	1	1		1	1	
Number of drum(s) 1/2 full:						
Number of drum(s) 3/4 full:						
Number of drum(s) full:		1				
Total drum(s) on site:	1	2	0	1	1	
Are the drum(s) properly labeled?	Y	Y			Y	
Drum ID & Contents:	SPH + H_2O	→			SPH & H_2O	
If any drum(s) are partially or totally filled, what is the first use date:	2/28/06	→			5/31/06 ~~2/28/06~~	

- **If you add any SPH to an empty or partially filled drum, drum must have at least 20 gals. of Purgewater or DI Water.**

-**If drum contains SPH, the drum MUST be steel AND labeled with the appropriate label.**

-**All BTS drums MUST be labeled appropriately.**

STATUS OF DRUM(S) UPON DEPARTURE

Date	3/27/06	4.28.06	5.31.06	6.27.06	7/31/06	
Number of drums empty:						
Number of drum(s) 1/4 full:	1	1	1	1	1	
Number of drum(s) 1/2 full:						
Number of drum(s) 3/4 full:						
Number of drum(s) full:	1	1				
Total drum(s) on site:	2	2	1	1	1	
Are the drum(s) properly labeled?	Yes	Y	Y	Y	Y	
Drum ID & Contents:	SPH + H_2O	→	→	→	→	

LOCATION OF DRUM(S)

Describe location of drum(s): SEE MAP

FINAL STATUS

Number of new drum(s) left on site this event	1	0	1	0	0	
Date of inspection:	3/27/06	4-28.06	5.31.06	6-27.06	7/31/06	
Drum(s) labelled properly:	Y	Y	Y	Y	Y	
Logged by BTS Field Tech:	DW	DW	DW	DW	PG	
Office reviewed by:	W	W	W	W	W	

WELLHEAD INSPECTION CHECKLIST

Date 7/31/06 Client BRL

Site Address 8500 Pardee Dr., Oakland

Job Number 060731-PC5 Technician P. Cornish

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-1	K							
MW-2	K							
MW-3	K							
OW-1							K	

NOTES: OW-1 1/2 bolts Missing
1/2 bolts stripped

WELL GAUGING DATA

Project # 060731-PC5 Date 7/31/96 Client BP/Arco

Site 8400 Pardee Dr., Oakland

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	1310	4					3.35	14.08	TOC	
MW-2	1325	4	O	~~4.60~~ 4.58	0.02	49	~~4.58~~ 4.60	-		
MW-3	1315	4					4.53	14.50		
OW-1	1320	6	O	~~5.82~~ 5.77	0.05	275	~~5.87~~	-		

WELL MONITORING DATA SHEET

Project #: 060731 - PC5	Client: BBL
Sampler: PC	Date: 7/31/06
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 14.08	Depth to Water (DTW): 3.35
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: ____

____(Gals.) X ____ = ____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1310	No	SPH	Detected	with interface probe		

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory: Kiff CalScience Other____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060731-RC5	Client: BBL
Sampler: RC	Date: 7/31/00
Well I.D.: MW-2	Well Diameter: 2 3 4 6 8 ____
Total Well Depth (TD): _	Depth to Water (DTW): 4.60
Depth to Free Product: 4.58	Thickness of Free Product (feet): 0.02
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: Bailer / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: _____

_____(Gals.) X _____ = _____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
			49 mL SPH Bailed			

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory: Kiff CalScience Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060731-PC5	Client: BB&L
Sampler: PC	Date: 7/31/06
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 14.50	Depth to Water (DTW): 4.33
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other ____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: ____

____ (Gals.) X ____ = ____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1315 ~~1320~~	NA	SPH	detected	with interface probe		

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory: Kiff CalScience Other ____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060731-PC5	Client: BBL
Sampler: PC	Date: 7/31/06
Well I.D.: OW-1	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth (TD): —	Depth to Water (DTW): 5.82
Depth to Free Product: 5.77	Thickness of Free Product (feet): 0.05
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: Bailer / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: _____

_____(Gals.) X _____ = _____ Gals.
1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
			278 mS/pH Bailed			

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory: Kiff CalScience Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

APPENDIX C

Laboratory Analytical Results
UPS- Oakland Hub

BBL®
an ARCADIS company

SEVERN TRENT STL

ANALYTICAL REPORT

Job Number: 720-5740-1

Job Description: UPS-Oakland

For:
Blasland, Bouck & Lee, Inc. (BBL)
975 Cobb Place Blvd NW
Suite 311
Kennesaw, GA 30144-4817

Attention: Mr. Hugh B. Devery

Dimple Sharma
Project Manager I
dsharma@stl-inc.com
10/09/2006

cc: Mr. Robert Rogero
Ms. Lisa Taylor

Project Manager: Dimple Sharma

Severn Trent Laboratories, Inc.
STL San Francisco 1220 Quarry Lane, Pleasanton, CA 94566
Tel (925) 484-1919 Fax (925) 484-1096 www.stl-inc.com

EXECUTIVE SUMMARY - Detections

Client: Blasland, Bouck & Lee, Inc. (BBL) Job Number: 720-5740-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-5740-1	**MW-1**				
MTBE		0.87	0.50	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		220	50	ug/L	8260B
Diesel Range Organics [C10-C28]		28000	2500	ug/L	8015B
720-5740-2	**MW-2**				
Gasoline Range Organics (GRO)-C5-C12		62	50	ug/L	8260B
Diesel Range Organics [C10-C28]		7500	500	ug/L	8015B
720-5740-3	**MW-3**				
Gasoline Range Organics (GRO)-C5-C12		370	100	ug/L	8260B
Diesel Range Organics [C10-C28]		17000	2500	ug/L	8015B
720-5740-4	**OW-1**				
Gasoline Range Organics (GRO)-C5-C12		820	250	ug/L	8260B
Diesel Range Organics [C10-C28]		130000	10000	ug/L	8015B

METHOD SUMMARY

Client: Blasland, Bouck & Lee, Inc. (BBL) Job Number: 720-5740-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL SF	SW846 8260B	
Purge-and-Trap	STL SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL SF	SW846 8015B	
Organic Compounds in Water by Microextraction	STL SF		SW846 3511

LAB REFERENCES:

STL SF = STL San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Blasland, Bouck & Lee, Inc. (BBL) Job Number: 720-5740-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-5740-1	MW-1	Water	09/28/2006 1500	09/29/2006 1200
720-5740-2	MW-2	Water	09/28/2006 1555	09/29/2006 1200
720-5740-3	MW-3	Water	09/28/2006 1550	09/29/2006 1200
720-5740-4	OW-1	Water	09/28/2006 1600	09/29/2006 1200

Client: Blasland, Bouck & Lee, Inc. (BBL) Job Number: 720-5740-1

Client Sample ID: **MW-1**

Lab Sample ID: 720-5740-1
Client Matrix: Water

Date Sampled: 09/28/2006 1500
Date Received: 09/29/2006 1200

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/05/2006 1744
Date Prepared: 10/05/2006 1744

Analysis Batch: 720-13933

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200610\10
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	0.87		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	220		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 121
1,2-Dichloroethane-d4 (Surr)	120	73 - 130

Client: Blasland, Bouck & Lee, Inc. (BBL) Job Number: 720-5740-1

Client Sample ID: MW-2

Lab Sample ID: 720-5740-2 Date Sampled: 09/28/2006 1555
Client Matrix: Water Date Received: 09/29/2006 1200

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-13976 Instrument ID: Varian 3900C
Preparation: 5030B Lab File ID: c:\saturnws\data\200610\10
Dilution: 1.0 Initial Weight/Volume: 40 mL
Date Analyzed: 10/06/2006 1247 Final Weight/Volume: 40 mL
Date Prepared: 10/06/2006 1247

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	62		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	118	77 - 121
1,2-Dichloroethane-d4 (Surr)	113	73 - 130

Client: Blasland, Bouck & Lee, Inc. (BBL) Job Number: 720-5740-1

Client Sample ID: MW-3

Lab Sample ID: 720-5740-3
Client Matrix: Water

Date Sampled: 09/28/2006 1550
Date Received: 09/29/2006 1200

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 2.0
Date Analyzed: 10/06/2006 1154
Date Prepared: 10/06/2006 1154

Analysis Batch: 720-13976

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200610\10
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		1.0
Ethylbenzene	ND		1.0
Toluene	ND		1.0
MTBE	ND		1.0
Xylenes, Total	ND		2.0
Gasoline Range Organics (GRO)-C5-C12	370		100

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	106	77 - 121
1,2-Dichloroethane-d4 (Surr)	115	73 - 130

Client: Blasland, Bouck & Lee, Inc. (BBL) Job Number: 720-5740-1

Client Sample ID: **OW-1**

Lab Sample ID: 720-5740-4
Client Matrix: Water

Date Sampled: 09/28/2006 1600
Date Received: 09/29/2006 1200

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 10/06/2006 1501
Date Prepared: 10/06/2006 1501

Analysis Batch: 720-13976

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200610\10
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		2.5
Ethylbenzene	ND		2.5
Toluene	ND		2.5
MTBE	ND		2.5
Xylenes, Total	ND		5.0
Gasoline Range Organics (GRO)-C5-C12	820		250

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 121
1,2-Dichloroethane-d4 (Surr)	104	73 - 130

Client: Blasland, Bouck & Lee, Inc. (BBL) Job Number: 720-5740-1

Client Sample ID: **MW-1**

Lab Sample ID: 720-5740-1
Client Matrix: Water

Date Sampled: 09/28/2006 1500
Date Received: 09/29/2006 1200

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3511
Dilution: 50
Date Analyzed: 10/05/2006 2111
Date Prepared: 10/03/2006 0545

Analysis Batch: 720-13974
Prep Batch: 720-13805

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	28000		2500

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	0	X	50 - 130

Client: Blasland, Bouck & Lee, Inc. (BBL) Job Number: 720-5740-1

Client Sample ID: MW-2

Lab Sample ID: 720-5740-2
Client Matrix: Water

Date Sampled: 09/28/2006 1555
Date Received: 09/29/2006 1200

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3511
Dilution: 10
Date Analyzed: 10/05/2006 2140
Date Prepared: 10/03/2006 0545

Analysis Batch: 720-13974
Prep Batch: 720-13805

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	7500		500

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	0	X	50 - 130

Client: Blasland, Bouck & Lee, Inc. (BBL) Job Number: 720-5740-1

Client Sample ID: MW-3

Lab Sample ID: 720-5740-3
Client Matrix: Water

Date Sampled: 09/28/2006 1550
Date Received: 09/29/2006 1200

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3511
Dilution: 50
Date Analyzed: 10/05/2006 2209
Date Prepared: 10/03/2006 0545

Analysis Batch: 720-13974
Prep Batch: 720-13805

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	17000		2500

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	0	X	50 - 130

Client: Blasland, Bouck & Lee, Inc. (BBL) Job Number: 720-5740-1

Client Sample ID: **OW-1**

Lab Sample ID: 720-5740-4
Client Matrix: Water

Date Sampled: 09/28/2006 1600
Date Received: 09/29/2006 1200

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3511
Dilution: 200
Date Analyzed: 10/05/2006 2238
Date Prepared: 10/03/2006 0545

Analysis Batch: 720-13974
Prep Batch: 720-13805

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	130000		10000

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	0	X	50 - 130

DATA REPORTING QUALIFIERS

Client: Blasland, Bouck & Lee, Inc. (BBL) Job Number: 720-5740-1

Lab Section	Qualifier	Description
GC Semi VOA		
	X	Surrogate exceeds the control limits

Client: Blasland, Bouck & Lee, Inc. (BBL) Job Number: 720-5740-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-13933					
LCS 720-13933/2	Lab Control Spike	T	Water	8260B	
LCSD 720-13933/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-13933/3	Method Blank	T	Water	8260B	
720-5740-1	MW-1	T	Water	8260B	
720-5740-1MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:720-13976					
LCS 720-13976/2	Lab Control Spike	T	Water	8260B	
LCSD 720-13976/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-13976/3	Method Blank	T	Water	8260B	
720-5740-2	MW-2	T	Water	8260B	
720-5740-3	MW-3	T	Water	8260B	
720-5740-4	OW-1	T	Water	8260B	

Report Basis
T = Total

GC Semi VOA					
Prep Batch: 720-13805					
LCS 720-13805/2-A	Lab Control Spike	T	Water	3511	
LCSD 720-13805/3-A	Lab Control Spike Duplicate	T	Water	3511	
MB 720-13805/1-A	Method Blank	T	Water	3511	
720-5740-1	MW-1	T	Water	3511	
720-5740-2	MW-2	T	Water	3511	
720-5740-3	MW-3	T	Water	3511	
720-5740-4	OW-1	T	Water	3511	
Analysis Batch:720-13974					
LCS 720-13805/2-A	Lab Control Spike	T	Water	8015B	720-13805
LCSD 720-13805/3-A	Lab Control Spike Duplicate	T	Water	8015B	720-13805
MB 720-13805/1-A	Method Blank	T	Water	8015B	720-13805
720-5740-1	MW-1	T	Water	8015B	720-13805
720-5740-2	MW-2	T	Water	8015B	720-13805
720-5740-3	MW-3	T	Water	8015B	720-13805
720-5740-4	OW-1	T	Water	8015B	720-13805

Report Basis
T = Total

Client: Blasland, Bouck & Lee, Inc. (BBL)

Job Number: 720-5740-1

Method Blank - Batch: 720-13933

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-13933/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/05/2006 0941
Date Prepared: 10/05/2006 0941

Analysis Batch: 720-13933
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200610\1(
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 121
1,2-Dichloroethane-d4 (Surr)	110	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Blasland, Bouck & Lee, Inc. (BBL)

Job Number: 720-5740-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-13933

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-13933/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/05/2006 0848
Date Prepared: 10/05/2006 0848

Analysis Batch: 720-13933
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200610\1(
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-13933/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/05/2006 0915
Date Prepared: 10/05/2006 0915

Analysis Batch: 720-13933
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200610\10(
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	103	108	69 - 129	4	25		
Toluene	104	106	70 - 130	2	25		
MTBE	114	111	65 - 165	2	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	97	107	77 - 121
1,2-Dichloroethane-d4 (Surr)	100	104	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Blasland, Bouck & Lee, Inc. (BBL)

Job Number: 720-5740-1

Method Blank - Batch: 720-13976

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-13976/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/06/2006 1049
Date Prepared: 10/06/2006 1049

Analysis Batch: 720-13976
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200610\1(
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 121
1,2-Dichloroethane-d4 (Surr)	114	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Blasland, Bouck & Lee, Inc. (BBL)

Job Number: 720-5740-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-13976

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-13976/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/06/2006 0902
Date Prepared: 10/06/2006 0902

Analysis Batch: 720-13976
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200610\1(
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-13976/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/06/2006 0929
Date Prepared: 10/06/2006 0929

Analysis Batch: 720-13976
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200610\10(
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	105	106	69 - 129	0	25		
Toluene	103	117	70 - 130	13	25		
MTBE	124	118	65 - 165	5	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	100	111	77 - 121
1,2-Dichloroethane-d4 (Surr)	106	106	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Blasland, Bouck & Lee, Inc. (BBL) Job Number: 720-5740-1

Method Blank - Batch: 720-13805

Method: 8015B
Preparation: 3511

Lab Sample ID: MB 720-13805/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/06/2006 0034
Date Prepared: 10/03/2006 0545

Analysis Batch: 720-13974
Prep Batch: 720-13805
Units: ug/L

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	93	50 - 130

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-13805

Method: 8015B
Preparation: 3511

LCS Lab Sample ID: LCS 720-13805/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/05/2006 2336
Date Prepared: 10/03/2006 0545

Analysis Batch: 720-13974
Prep Batch: 720-13805
Units: ug/L

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-13805/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/06/2006 0005
Date Prepared: 10/03/2006 0545

Analysis Batch: 720-13974
Prep Batch: 720-13805
Units: ug/L

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	103	102	50 - 150	1	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	112	110	50 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

720-5740

BLAINE
TECH SERVICES, Inc

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF BTS # 060928-554

CLIENT: Blasland, Bouck, & Lee, Inc.

SITE: UPS
8400 Pardee Drive
Oakland, CA

CONDUCT ANALYSIS TO DETECT

LAB STL 102041 DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
☐ EPA ☐ RWQCB REGION
☐ LIA
☐ OTHER

SPECIAL INSTRUCTIONS

Invoice and Report to : Blasland, Bouck.& Lee, Inc.
Attn: Hugh Devery
~~708 438-0000~~ 770-426-9009

Low Detection levels requested

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H2O	CONTAINERS TOTAL	C = COMPOSITE ALL CONTAINERS	TPH-Gro, BTEX, MTBE (8260)	TPH-D (8015)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-1	9/28	1500	W	6		X	X				52
MW-2	↓	1555	↓	↓		X	X				
MW-3		1580				X	X				
SW-1		1600				X	X				

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SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY
	9/29/06	1615	SUCHEON SUNG

RESULTS NEEDED NO LATER THAN: As contracted

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	9/29/06	1755	Sample Custodian	9/29/06	1800
Sample Custodian	9/29/06	1000	#5210	9/29/06	1000
#5210	09/29/06	12:00	Lorin Mullen STESE	9-29-06	1200

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Blasland, Bouck & Lee, Inc. (BBL) Job Number: 720-5740-1

Login Number: 5740

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	