

RO315

Transmitted Via UPS Next Day Air

May 19, 2004

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

Alameda County

MAY 24 2004

Environmental Health

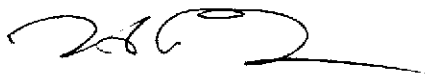
Re: Groundwater Monitoring & Sampling Report
UPS – Oakland Hub
8400 Pardee Drive, Oakland, California
State ID # 583; BBL Project #: 36768.03

Dear Mr. Gholami:

On behalf of United Parcel Service (UPS), Blasland, Bouck & Lee, Inc. (BBL) is transmitting herewith the First Semi-Annual 2004 Monitoring & Sampling Report for the above-referenced facility. This report describes groundwater monitoring efforts performed at the site on March 29 and April 19, 2004. The groundwater monitoring events were conducted in accordance with the Alameda County Health Care Services approved work plan. If you have any questions regarding this report, please do not hesitate to contact me at (770) 428-9009 extension 11.

Sincerely,

BLASLAND, BOUCK & LEE, INC.



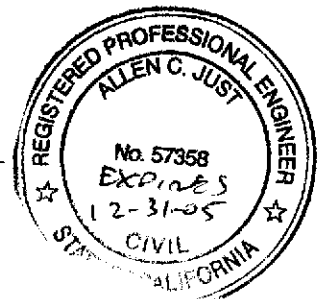
Hugh B. Devery
Senior Geologist

HBD/hbd

cc: Linda Lyons, UPS, w/ attachments
File



Allen C. Just, P.E.
Senior Engineer



***Year 2004 First Semi-Annual
Monitoring & Sampling Report***

***UPS – Oakland Hub
8400 Pardee Drive
Oakland, California***

***Alameda County
MAY 24 2004
Environmental Health***

State ID # 583

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

May 2004

BBL[®]
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

*Year 2004 First Semi-Annual
Monitoring & Sampling Report*

*UPS – Oakland Hub
8400 Pardee Drive
Oakland, California*

State ID # 583

**United Parcel Service
55 Glenlake Parkway, NE
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May 2004

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1 Groundwater Monitoring & Sampling

1.1. Introduction

United Parcel Service (UPS) retained Blasland, Bouck & Lee, Inc. (BBL) to perform groundwater monitoring at the UPS-Oakland Center located at 8400 Pardee Drive, Oakland, California (Figures 1 and 2). This report describes results of groundwater monitoring performed on March 29, 2004 and April 19, 2004. Groundwater monitoring was conducted in accordance with the Alameda County Health Care Services (ACHCS)-approved work plan (BBL, August 1997).

Groundwater samples were collected from groundwater monitoring wells MW-2 and OW-1 on March 29, 2004, and from monitoring wells MW-1 and MW-3 on April 19, 2004. 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 March 29, 2004. Static fluid levels in the wells were measured to an accuracy of 0.01-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 apparent thicknesses of 0.01 foot and 0.02 foot, respectively. Groundwater elevations in monitoring wells MW-1 through MW-3 in March 2004 were approximately 0.79 feet higher on average than water levels measured in December 2003. A generalized groundwater contour map prepared using the March 2004 groundwater elevation data is shown on Figure 3. Groundwater flow is to the southwest, which agrees with historical direction.

1.3. Water Quality

Groundwater samples were collected from monitoring wells MW-2 and OW-1 on March 29, 2004, and from monitoring wells MW-1 and MW-3 on April 19, 2004. The thin amount of PSH was bailed off prior to sampling wells MW-2 and OW-1. The samples were analyzed for total petroleum hydrocarbons as diesel (TPH-d) by United States Environmental Protection Agency (USEPA) Method 8015M and for TPH-g (gasoline), benzene, toluene, ethylbenzene, total xylenes, and methyl tert-butyl ether (BTEX/MTBE) by USEPA Method 8260B. Analyses were conducted by STL in Pleasanton, CA, 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 detected above the primary drinking water maximum contaminant levels (MCL) of Title 2 of the California Code of Regulations in the groundwater sample collected from well MW-1 with a concentration of 3.2 micrograms per liter (ug/L). No additional BTEX/MTBE analytes were detected above the MCL in any of the remaining groundwater samples collected during the March 2004 and April 2004 monitoring events. TPH-g was detected in monitoring wells MW-1, MW-2, MW-3 and OW-1; MW-1 with a concentration of 0.280 milligrams per liter (mg/L), MW-2 with a concentration of 0.084 mg/L, MW-3 with a concentration of 0.099 mg/L and OW-1 with a concentration of 0.510 mg/L. The samples collected from each well contained a laboratory validation flag stating, "Hydrocarbon reported in the gasoline range does not match laboratory gasoline standard". TPH-d was detected in wells MW-1, MW-2, MW-3 and OW-1; MW-1 with a concentration of 24 mg/L, MW-2 with a concentration of 7.8 mg/L, MW-3 with a

concentration of 14 mg/L and OW-1 with a concentration of 280 mg/L. The laboratory reported a data flag stating, "Hydrocarbon reported does not match the pattern of laboratory Diesel standard". 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 55-gallon drums and stored at the UPS center pending proper disposal.

1.5. Summary

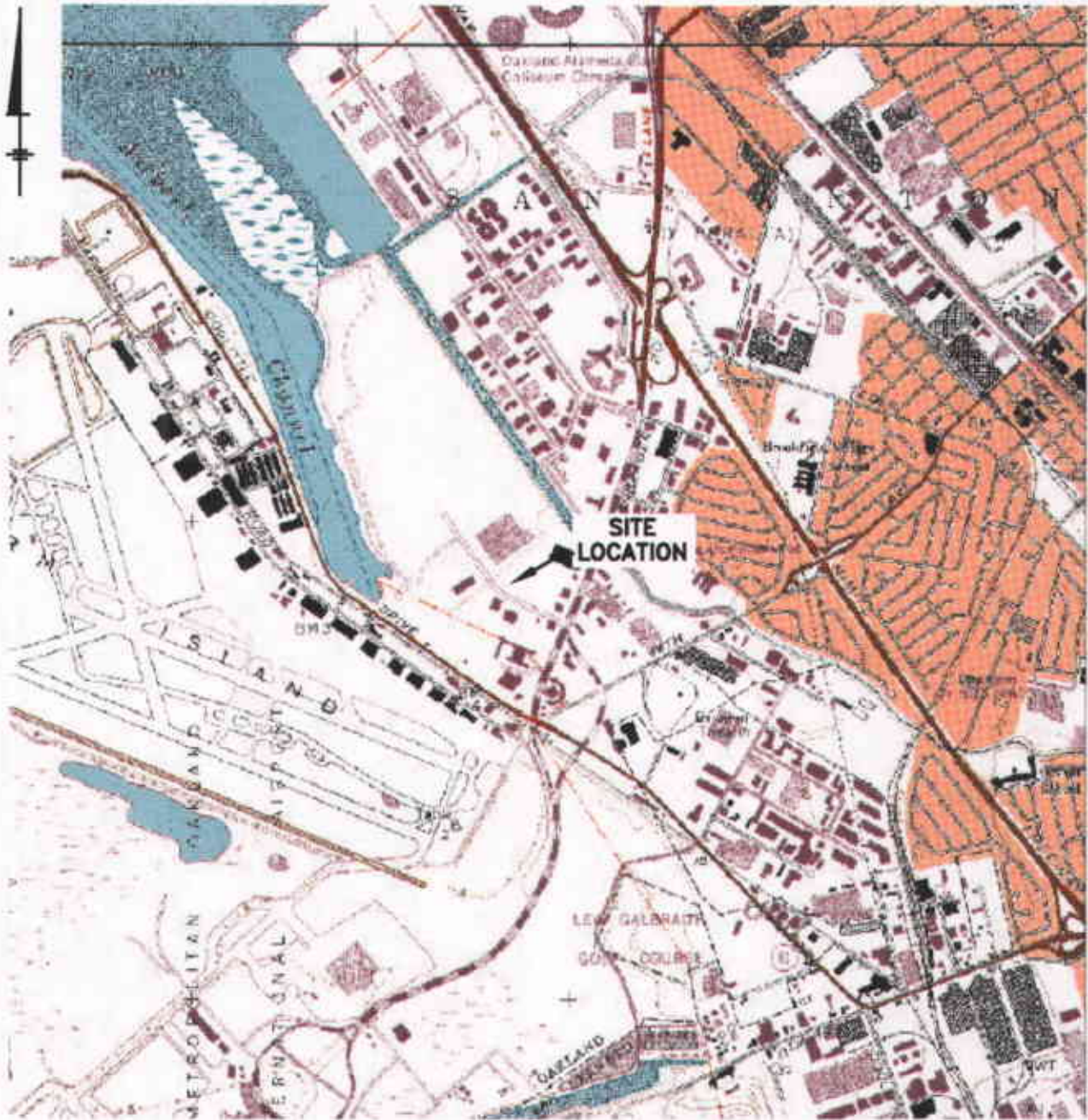
1. Groundwater samples were collected on March 29 and April 19, 2004 and sampled for BTEX, MTBE, TPH-g and TPH-d.
2. Measured depths to water ranged from 3.45 feet below top of casing (btoc) in MW-1 to 6.08 feet btoc in OW-1 (Table 1). PSH was detected in monitoring wells MW-2 and OW-1 at apparent thicknesses of 0.01 foot and 0.02 foot, respectively. Groundwater elevations in monitoring wells MW-1 through MW-3 in March 2004 were approximately 0.79 feet higher on average than water levels measured in December 2003. A generalized groundwater contour map prepared using the March 2004 groundwater elevation data is shown on Figure 3. Groundwater flow is to the southwest, which agrees with historical direction.
3. Benzene was detected above the primary drinking water MCL of Title 2 of the California Code of Regulations in the groundwater sample collected from well MW-1 with a concentration of 3.2 ug/L. No additional BTEX/MTBE analytes were detected above the MCL in any of the remaining groundwater samples collected during the March 2004 and April 2004 monitoring events.
4. TPH-g was detected in monitoring wells MW-1, MW-2, MW-3 and OW-1; MW-1 with a concentration of 0.280 mg/L, MW-2 with a concentration of 0.084 mg/L, MW-3 with a concentration of 0.099 mg/L and OW-1 with a concentration of 0.510 mg/L. The samples collected from each well contained a laboratory flag stating, "Hydrocarbon reported in the gasoline range does not match laboratory gasoline standard". TPH-d was detected in wells MW-1, MW-2, MW-3 and OW-1; MW-1 with a concentration of 24 mg/L, MW-2 with a concentration of 7.8 mg/L, MW-3 with a concentration of 14 mg/L and OW-1 with a concentration of 280 mg/L. The laboratory reported a data flag stating, "Hydrocarbon reported does not match the pattern of laboratory Diesel standard".

References:

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

FIGURES

UPS-Oakland Center



NOTES:

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



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

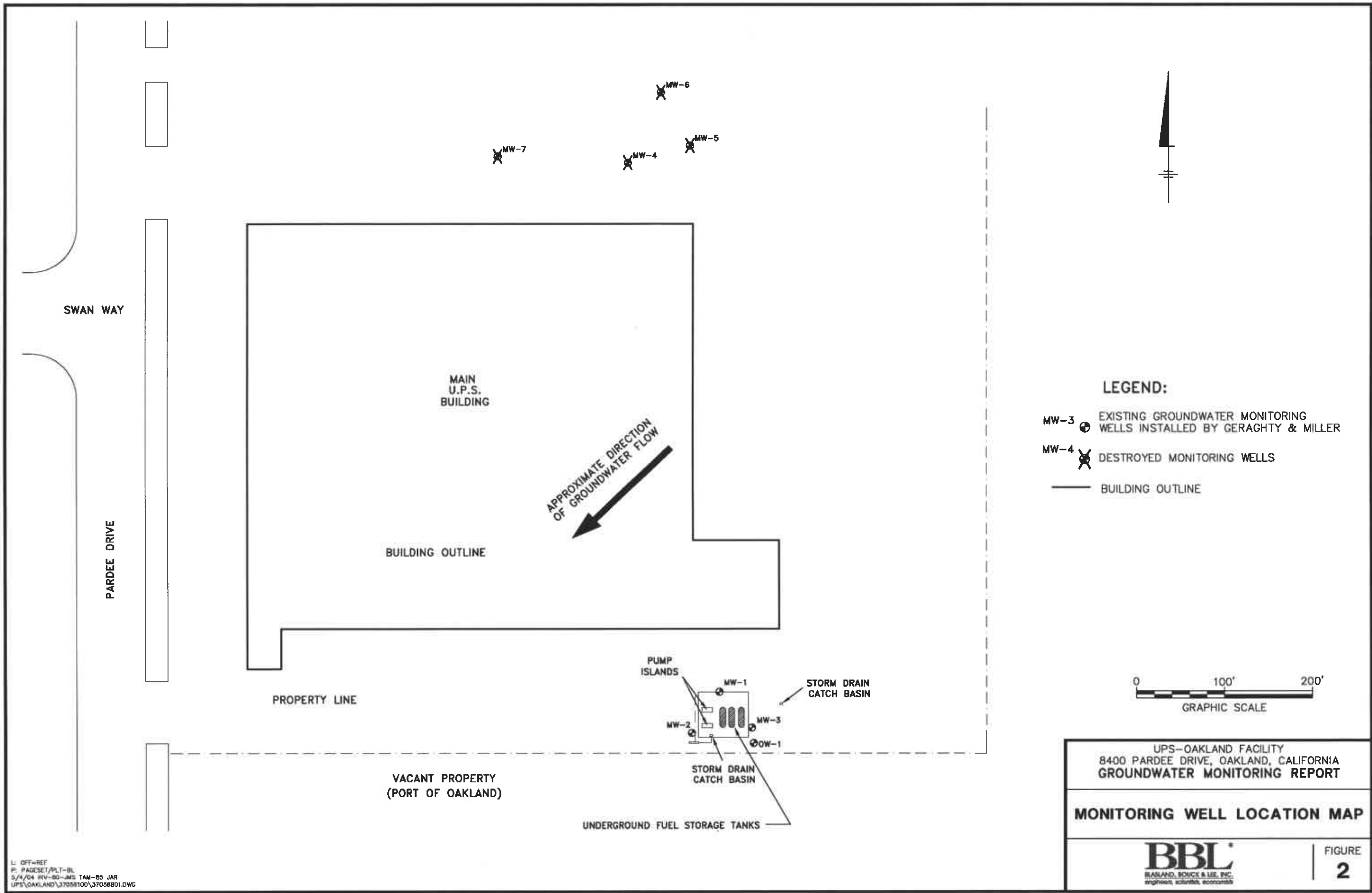
**TOPOGRAPHIC MAP OF SITE
 LOCATION AND VICINITY**

BBL
 BASLAND, BOUCE & LEE, INC.
 engineers, scientists, economists

FIGURE

1

X: WEST-OAK.BMP
 L: (LAYER)
 P: PAGESET/PLT-API
 5/4/04 11V-85 JMS TAM-85 JAR
 UPS\OAKLAND\37056100\37056001.DWG



LEGEND:

- MW-3 EXISTING GROUNDWATER MONITORING WELLS INSTALLED BY GERAGHTY & MILLER
- MW-4 DESTROYED MONITORING WELLS
- BUILDING OUTLINE

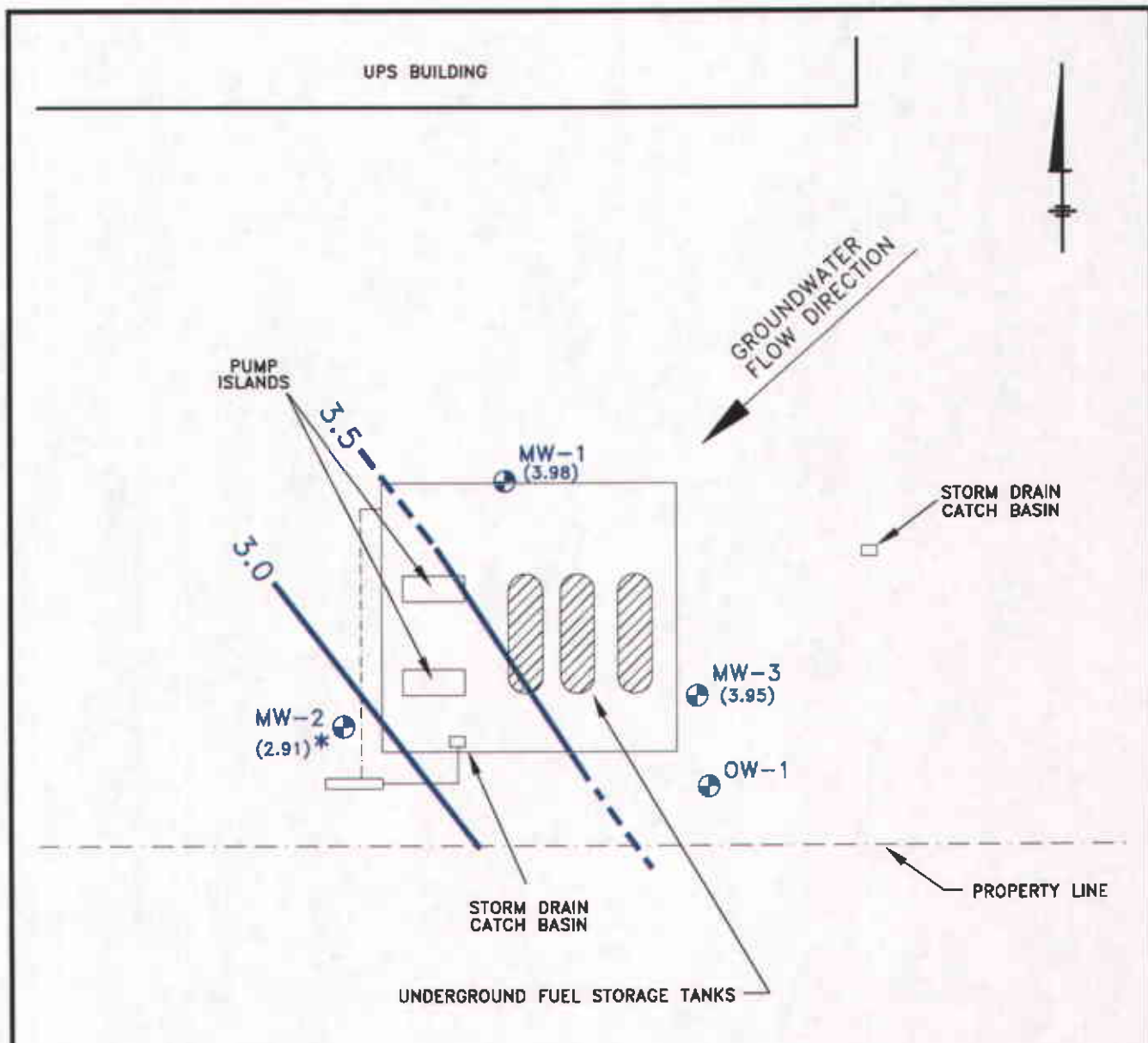
UPS-OAKLAND FACILITY
 8400 PARDEE DRIVE, OAKLAND, CALIFORNIA
GROUNDWATER MONITORING REPORT

MONITORING WELL LOCATION MAP



FIGURE
2

L: DFT-REF
 P: PAGESET/PLT-BL
 5/4/04 HV-80-JMS TAM-85 JAR
 UPS\OAKLAND\37056100\37056801.DWG



LEGEND:

- MW-1 (3.68) EXISTING GROUNDWATER MONITORING WELLS INSTALLED BY GERAGHTY & MILLER (GROUNDWATER TABLE ELEVATION IN FEET ABOVE MSL)
- 2.0— GROUNDWATER ELEVATION CONTOUR
- * GROUNDWATER ELEVATION NOT CORRECTED FOR <0.1 FOOT OF PRODUCT PRESENT IN WELL



NOTES:

1. OW-1 WAS NOT USED TO GENERATE CONTOURS.
2. MEASURED 3/29/04.

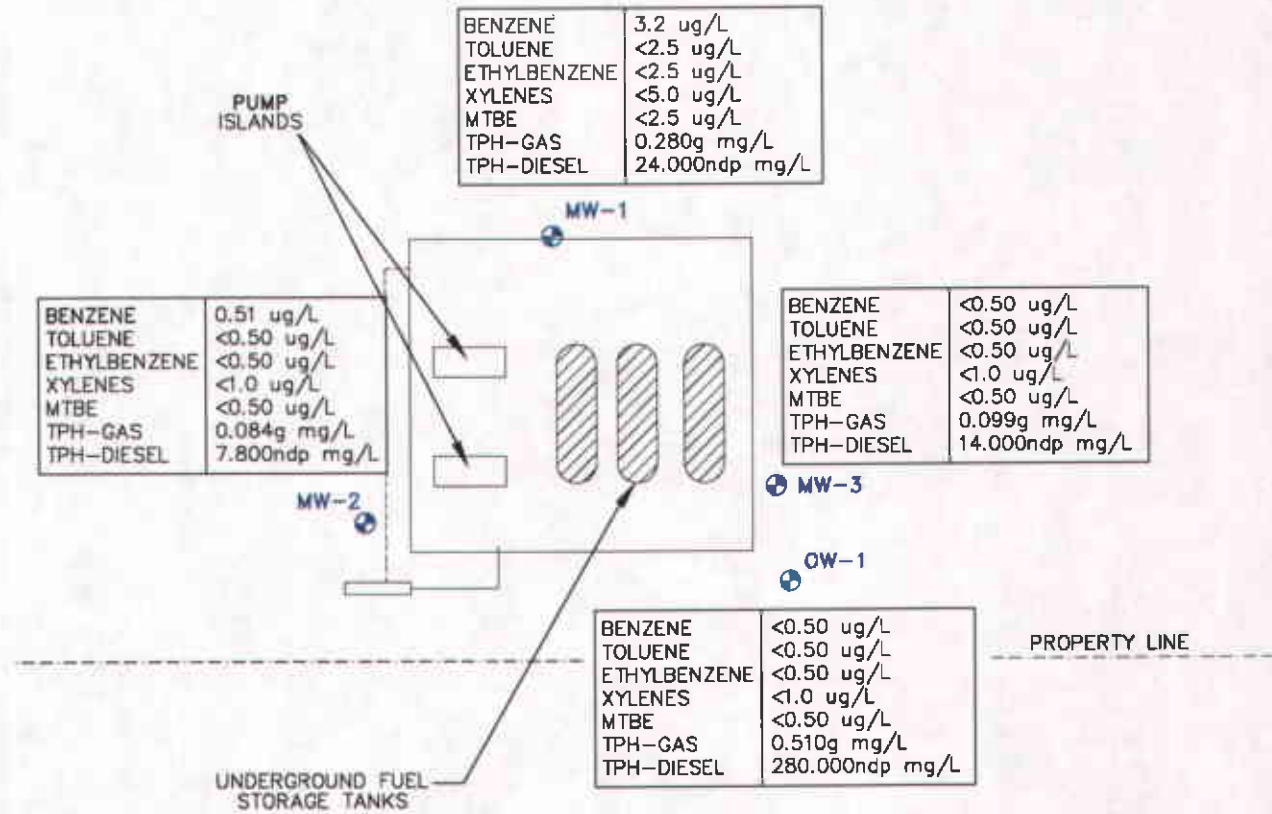
UPS-OAKLAND FACILITY
8400 PARDEE DRIVE, OAKLAND, CALIFORNIA
GROUNDWATER MONITORING REPORT

**GROUNDWATER CONTOUR MAP
MARCH 29, 2004**



FIGURE
3

UPS BUILDING



LEGEND:

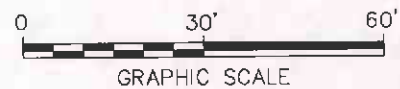
- MW-1 EXISTING GROUNDWATER MONITORING WELLS INSTALLED BY GERAGHTY & MILLER
- MW-2 & OW-1 SAMPLED 3/29/04
- MW-1 & MW-3 SAMPLED 4/19/04

ug/L MICROGRAMS PER LITER

mg/L MILLIGRAMS PER LITER

ndp HYDROCARBON REPORTED DOES NOT MATCH THE PATTEN OF LABORATORY DIESEL STANDARD.

g HYDROCARBON REPORTED DOES NOT MATCH THE PATTEN OF LABORATORY GASOLINE STANDARD.



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

GROUNDWATER QUALITY MAP
MARCH 29 & APRIL 19, 2004



FIGURE

4

X: (XREF)
L: (LAYER)
P: PAGESET/PLT-AP1
5/18/04 IRV-80 JMS TAM-85 JAR
UPS\OAKLAND\37056100\37056C01.DWG

TABLES

UPS-Oakland Center

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	-	Sheen	
		9/20/1990	3.99	3.44	-0.19	None	
		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	None	
		6/3/1998	NM	N/A	N/A	N/A	Sheen
		9/30/1999	3.75	3.68	N/A	N/A	Sheen
		10/11/2000	3.88	3.55	-0.13	Sheen	
		9/3/2002	3.73	3.70	0.15	None	
		10/22/2002	5.11	2.32	-1.38	0.05	
		12/23/2002	3.51	3.92	1.60	None	
		3/28/2003	3.52	3.91	-0.01	None	
		6/20/2003	3.50	3.93	0.02	None	
		7/14/2003	3.65	3.78	-0.15	None	
		8/25/2003	3.87	3.56	-0.22	Sheen	
		9/9/2003	4.02	3.41	-0.15	None	
		9/25/2003	4.10	3.33	-0.08	None	
		10/28/2003	4.29	3.14	-0.19	None	
		11/18/2003	4.32	3.11	-0.03	None	
12/2/2003	4.34	3.09	-0.02	None			
1/27/2004	3.88	3.55	0.46	None			
2/24/2004	2.75	4.68	-1.13	None			
3/29/2004	3.45	3.98	0.70	None			
4/19/2004	3.55	3.88	0.10	None			

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	--	Sheen	
		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	N/A	N/A	N/A	0.25
		6/4/1997	6.02	1.13	N/A	N/A	Small globules
		9/30/1999	4.95	2.20	1.07	Sheen	
		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	Sheen			
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			

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-3	7.42	8/28/1990	3.88	3.54	-	Sheen	
		9/20/1990	3.99	3.43	-0.11	N/A	
		6/19/1991	3.49	3.93	0.50	N/A	
		7/23/1991	3.71	3.71	-0.22	N/A	
		8/26/1991	3.94	3.48	-0.23	N/A	
		11/18/1991	4.23	3.19	-0.29	N/A	
		2/3/1992	4.01	3.41	0.22	N/A	
		6/29/1992	3.40	4.02	0.61	N/A	
		6/23/1993	2.75	4.67	0.65	N/A	
		10/11/1993	3.84	3.58	-1.09	N/A	
		1/4/1994	3.40	4.02	0.44	N/A	
		5/10/1994	2.25	5.17	1.15	N/A	
		2/1/1995	2.43	4.99	-0.18	N/A	
		8/2/1995	3.20	4.22	-0.77	N/A	
		10/16/1995	3.72	3.70	-0.52	N/A	
		12/28/1995	3.56	3.86	0.16	N/A	
		6/4/1997	3.20	4.22	0.36	None	
		6/3/1998	NM	N/A	N/A	N/A	Sheen
		9/30/1999	3.72	3.70	-0.52	Sheen	
		10/11/2000	3.88	3.54	-0.16	Sheen	
		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			
OW-1	N/A	6/4/1997	7.22	NA	NA	Trace	
		9/30/1999	8.35	NA	NA	0.01	
		10/11/2000	6.90	NA	NA	0.09	
		10/22/2002	7.34	NA	NA	0.01	
		9/27/2002	7.02	NA	NA	0.14	
		12/23/2002	5.17	NA	NA	0.03	
		1/16/2003	4.97	NA	NA	0.01	
		2/12/2003	5.23	NA	NA	0.01	
		3/28/2003	5.16	NA	NA	0.01	
		6/20/2003	4.93	NA	NA	0.01	
		7/14/2003	5.33	NA	NA	0.00	
		8/28/2003	5.85	NA	NA	0.00	
		9/9/2003	6.33	NA	NA	Sheen	
		9/25/2003	6.52	NA	NA	0.01	
		10/28/2003	7.26	NA	NA	0.03	
		11/18/2003	7.29	NA	NA	0.00	
		12/2/2003	7.23	NA	NA	0.03	
1/27/2004	7.96	NA	NA	0.01			
2/24/2004	6.26	NA	NA	0.02			
3/29/2004	6.08	NA	NA	0.02			
4/19/2004	6.29	NA	NA	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 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	24.000 ndp	NM	
MCL	--	1	150	700	1,750	13	--	--	--

Notes:

(µg/L) = are micrograms per liter and mg/L are milligrams per liter.

NA = Not Analyzed; NS = Not Sampled; ND = Not Detected

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.

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)	Ethylbenzene (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	< 5.0	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	7.800 ndp	NM	
MCL	--	1	150	700	1,750	13	--	--	--

Notes:

(µg/L) = are micrograms per liter and mg/L are milligrams per liter.

NA = Not Analyzed; NS = Not Sampled; ND = Not Detected

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.

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	14.000 ndp	NM	
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	0.510	280.000 ndp	NM	
MCL	--	1	150	700	1,750	13	--	--	--

Notes:

(µg/L) = are micrograms per liter and mg/L are milligrams per liter.

NA = Not Analyzed; NS = Not Sampled; ND = Not Detected

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.

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.

APPENDIX A

**Standard Field Procedures for
Groundwater Monitoring
UPS-Oakland Center**

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. 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 Center

WELL GAUGING DATA

Project # 040127-OW-3 Date 1-27-04 Client BBL

Site UPS 8400 Pardee Drive Oakland

Well ID	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
mw-1	4					3.88	-	↓
mw-2	4	Sheen				7.39	-	
mw-3	4					3.85	-	
ow-1	5		7.95	.01		7.96	-	

WELL MONITORING DATA SHEET

Project #: 040127-DW-3	Client: BB+L @ UPS
Sampler: DW	Date: 1-27-04
Well I.D.: MW-1	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): —	Depth to Water (DTW): 3.88
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVD Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer Watera Sampling Method: ~~Bailer~~
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
 Electric Submersible Other _____ Dedicated Tubing

(Gals.) X **check SPH** = _____ Gals.
 I 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
		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 #: 040127-DW-3	Client: BB+L @ WFS
Sampler: DW	Date: 1-27-04
Well I.D.: MW-2	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): \	Depth to Water (DTW): 7.59
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: P&L Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer Waterra Sampling Method: ~~Bailer~~
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
 Electric Submersible Other _____ Dedicated Tubing

Other: _____

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

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

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
	No SPA detected. Heavy 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 #: 040127-DW-3	Client: BB+L@UPS
Sampler: DW	Date: 1-27-04
Well I.D.: MW-3	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth (TD): -	Depth to Water (DTW): 3.85
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 check SPA = _____ Gals. I Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	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
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
						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 #: 090127-DW-3	Client: BB + L @ UPS
Sampler: DW	Date: 1-27-04
Well I.D.: 0W-1	Well Diameter: 2 3 4 6 8 5"
Total Well Depth (TD): -	Depth to Water (DTW): 7.96
Depth to Free Product: 7.95	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 Disposable Bailer Positive Air Displacement Electric Submersible	Waterra Peristaltic Extraction Pump Other _____	Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____
--	--	---

_____ (Gals.) X check SPH = _____ Gals. 1 Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	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
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
						Bailed 25 @ SPH

Did well dewater? Yes No	Gallons actually evacuated: _____
Sampling Date: _____	Sampling Time: _____
Sample I.D.: _____	Depth to Water: _____
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

WELLHEAD INSPECTION CHECKLIST

Page 1 of 1

Client BB + L @ UPS Date 1-27-04
Site Address 8400 Pardee Drive Oakland
Job Number 040127-OW-3 Technician Dave W

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
<u>MW-1</u>	<u>X</u>							
<u>MW-2</u>	<u>X</u>							
<u>MW-3</u>	<u>X</u>							
<u>OW-1</u>						<u>X</u>		

NOTES:

No lock on well - client placed lock on. No locks
on my truck. When we replaced w/ 2357 lock, UPS wants
their lock & key returned.
Rim of bid able to lift off.

WELLHEAD INSPECTION CHECKLIST

Client BB + L @ UPS Date 1-27-04

Site Address 8400 Pardee Drive Oakland

Job Number 040127-OW-3 Technician Dave W

Well ID	Well Inspected - No Corrective Action Required	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: No lock on well - client placed lock on. No locks
on my truck. When we rep ^{UPS} place w/ 2357 lock, UPS wants
their lock & key returned
Rim of bid able to lift off.

WELLHEAD INSPECTION CHECKLIST

Client BB 3 L @ UPS Date 2.24.04
 Site Address 8400 Pardee Dr. Oakland
 Job Number 04022A-ACI Technician Ac

Well ID	Well Inspected - No Corrective Action Required	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	✓							
MW-2	✓							
MW-3	✓							
OW-1					x			

NOTES: _____

WELL GAUGING DATA

Project # 040224- Acl Date 2.24.04 Client BB & L @ UPS

Site 8400 Dardee Dr. Oakland

Well ID	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 (OC)
MW-1	4		NO SPH Detected			2.75	14.15	TOC
MW-2	4		4.56	0.01	25	4.57	—	↓
MW-3	4		NO SPH Detected			3.70	14.55	
OW-1	6		6.26	0.02	112	6.28	—	

WELL MONITORING DATA SHEET

Project #: 0A0224-AC1	Client: BB 3 L @ JPS
Sampler: AC	Date: 2.24.04
Well I.D.: MW-1	Well Diameter: 2 3 4 6 8 _____
Total Well Depth (TD): 14.15	Depth to Water (DTW): 2.75
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	Watterra	Sampling Method: Bailer
Disposable Bailer	Peristaltic	Disposable Bailer
Positive Air Displacement	Extraction Pump	Extraction Port
Electric Submersible	Other _____	Dedicated Tubing
		Other: _____

_____ (Gals.) X _____ = _____ Gals. Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	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
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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
	ND	SPH	Detected			

Did well dewater? Yes No	Gallons actually evacuated:
Sampling Date: 2.24.04	Sampling Time: _____
Sample I.D.:	Depth to Water: _____
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 #: <u>0A0224-ACL</u>	Client: <u>BB 3L @ DPS</u>
Sampler: <u>AC</u>	Date: <u>2.24.04</u>
Well I.D.: <u>MW-2</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth (TD): <u>—</u>	Depth to Water (DTW): <u>4.57</u>
Depth to Free Product: <u>4.56</u>	Thickness of Free Product (feet): <u>6.01</u>
Referenced to: <u>PVC</u> 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. Case Volume Specified Volumes Calculated Volume	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Well Diameter</th> <th style="text-align: left;">Multiplier</th> <th style="text-align: left;">Well Diameter</th> <th style="text-align: left;">Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	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
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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
						Bailed 25 mL of spH + 1 gal of water - very oily
						more product seemed to be collecting on outside of bailer than inside

Did well dewater? Yes No	Gallons actually evacuated: _____	
Sampling Date: <u>2.24.04</u>	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 #: 0A0224-AC1	Client: BB 3 L @ JPS
Sampler: Ac	Date: 2.24.04
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 _____
Total Well Depth (TD): 14.55	Depth to Water (DTW): 3.70
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	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
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3"	0.37	Other	radius ² * 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: 2.24.04	Sampling Time: _____
Sample I.D.:	Depth to Water: _____
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 #: 0A0224-AC1	Client: BB 3 L @ OPS
Sampler: AC	Date: 2-24-04
Well I.D.: DW-1	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): _____	Depth to Water (DTW): 6.28
Depth to Free Product: 6.26	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	Waterra	Sampling Method: Bailer
Disposible Bailer	Peristaltic	Disposible Bailer
Positive Air Displacement	Extraction Pump	Extraction Port
Electric Submersible	Other _____	Dedicated Tubing
		Other: _____

_____ (Gals.) X _____ = _____ Gals. Case Volume Specified Volumes Calculated Volume	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </table>	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
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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
						Bailed 112 mL of SPH + 3 gal of water
						oily and odor

Did well dewater? Yes No	Gallons actually evacuated: _____
Sampling Date: 2.24.04	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): @ _____	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

WELLHEAD INSPECTION CHECKLIST

Page 1 of 1

Client BBTL Date 3-29-04
Site Address 8400 Pardee Drive Oakland
Job Number 040329-0W-1 Technician Dave W.

Well ID	Well Inspected - No Corrective Action Required	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: _____

SPH or Purge Water Drum Log

Client: BB&L
 Site Address: 8100 Fardee Dr, Oakland

STATUS OF DRUM(S) UPON ARRIVAL						
Date	2-24-04	3-29-04				
Number of drum(s) empty:	0					
Number of drum(s) 1/4 full:						
Number of drum(s) 1/2 full:	1 poly	1				
Number of drum(s) 3/4 full:	1 ^{SPH} steel	1				
Number of drum(s) full:	1 poly	2 1				
Total drum(s) on site:	3	3				
Are the drum(s) properly labeled?	yes	yes				
Drum ID & Contents:	SPH 3 Purgewater	SPH 4 Purgewater				
If any drum(s) are partially or totally filled, what is the first use date:						

- 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	2-24-04	3-29-04				
Number of drums empty:	0	—				
Number of drum(s) 1/4 full:		—				
Number of drum(s) 1/2 full:	1 poly	—				
Number of drum(s) 3/4 full:	1 steel	1 steel				
Number of drum(s) full:	1 poly	2				
Total drum(s) on site:	3	3				
Are the drum(s) properly labeled?	yes	yes				
Drum ID & Contents:	SPH 3 Purgewater	SPH 4 Purgewater				

LOCATION OF DRUM(S)

Describe location of drum(s):

FINAL STATUS

Number of new drum(s) left on site this event	0	0				
Date of inspection:	2-24-04	3-29-04				
Drum(s) labelled properly:	yes	yes				
Logged by BTS Field Tech:	Ac	PW				
Office reviewed by:	W	W				

WELL GAUGING DATA

Project # 040329-Dw-1 Date 3-29-04 Client BB&L

Site UPS 8400 Pardee Drive Oakland

Well ID	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: TQB or TOC
mw-1	4	No	SRH detected			3.45	14.30	↓
mw-2	4		4.23	.01		4.24	14.40	
mw-3	4	No	SRH detected			3.47	14.55	
ow-1	5		6.06	.02		6.08	18.40	

WELLS MONITORING DATA SHEET

Project #: 040329-0W-1 Client: BB+L @ UPS
 Sampler: Dave W. Date: 3-29-04
 Well I.D.: mw-2 Well Diameter: 2 3 4 6 8
 Total Well Depth (TD): 14.40 Depth to Water (DTW): 4.24
 Depth to Free Product: 4.23 Thickness of Free Product (feet): 0.1
 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 Watertra Sampling Method: Bailer
 Disposable Bailer Peristaltic
 Positive Air Displacement Extraction Pump
 Electric Submersible Other _____
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other:

6.6 (Gals.) X 3 = 19.8 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	radius ² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
10:15	no parameters taken - too oily				6.6	
10:18	well dewatered DTW = 12.75				8	
10:55	no parameters				DTW = 7.50	
used NP vials due to reaction w/ H ₂ L						

Did well dewater? Yes No Gallons actually evacuated: 8

Sampling Date: 3-29-04 Sampling Time: 10:55 Depth to Water:

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 #: 040329-0W-1	Client: BB+L @ UPS
Sampler: Dave W.	Date: 3-29-04
Well I.D.: 0W-1	Well Diameter: 2 3 4 6 8 <u>5"</u>
Total Well Depth (TD): 18.40	Depth to Water (DTW): 6.08
Depth to Free Product: 6.06	Thickness of Free Product (feet): .02
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method:	Bailer	Water	Sampling Method:	Bailer
	Disposable Bailer	Peristaltic		<input checked="" type="checkbox"/> Disposable Bailer
	<input checked="" type="checkbox"/> Positive Air Displacement	Extraction Pump		Extraction Port
	Electric Submersible	Other _____		Dedicated Tubing
			Other:	

12.4 (Gals.) X 3 = 37.2 Gals. I Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	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
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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
9:55	no parameters taken - too oily				12.5	
10:00	well dewatered @ 16 gal.				DTW = 17.00	
10:45	no parameters				DTW = 8.00	

Did well dewater? <input checked="" type="checkbox"/> Yes No	Gallons actually evacuated: 16
Sampling Date: 3-29-04 Sampling Time: 10:45	Depth to Water: 8.00
Sample I.D.: 0W-1	Laboratory: Kiff CalScience Other <u>STL</u>
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> <u>TPH-D</u> 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 #: <u>040419-DAZ</u>	Client: <u>BB and L</u>
Sampler: <u>DA</u>	Date: <u>4/19/04</u>
Well I.D.: <u>Mw-2</u>	Well Diameter: 2 3 <u>4</u> 6 8 <u> </u>
Total Well Depth (TD):	Depth to Water (DTW): <u>4.50</u>
Depth to Free Product: <u>4.49</u>	Thickness of Free Product (feet): <u>0.01</u>
Referenced to: <u>PVC</u> <u>Grade</u>	D.O. Meter (if req'd): <u>YSI</u> <u>HACH</u>
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>-</u>	

Purge Method: <u>Bailer</u> Disposable Bailer Positive Air Displacement Electric Submersible	<u>Waterra</u> Peristaltic Extraction Pump Other <u> </u>	Sampling Method: <u>Bailer</u> Disposable Bailer Extraction Port Dedicated Tubing Other: <u> </u>
---	---	--

_____ (Gals.) X <u>Bail SPH</u> = _____ Gals. I Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	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
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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
						<u>Bailed 25 ml SPH</u>

Did well dewater? Yes <input type="checkbox"/> <u>No</u> <input checked="" type="checkbox"/>	Gallons actually evacuated: _____	
Sampling Date: _____	Sampling Time: _____	Depth to Water: _____
Sample I.D.: _____	Laboratory: <u>Kiff</u> <u>CalScience</u> Other _____	
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> <u>TPH-D</u> <u>Oxygenates (5)</u> Other: _____		
EB I.D. (if applicable): _____ @ _____ Time	Duplicate I.D. (if applicable): _____	
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> <u>TPH-D</u> <u>Oxygenates (5)</u> 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 #: <u>040419-DAZ</u>	Client: <u>BBandL</u>
Sampler: <u>DA</u>	Date: <u>4/19/04</u>
Well I.D.: <u>MW-3</u> <u>on DA</u>	Well Diameter: 2 <u>3</u> 4 6 8 <u>5 DA</u>
Total Well Depth (TD): <u>14.53</u>	Depth to Water (DTW): <u>3.55</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> <u>Grade</u>	D.O. Meter (if req'd): <u>YSI</u> <u>HACH</u>
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>5.75</u>	

Purge Method: <u>Bailer</u>	Water: <u>Peristaltic</u>	Sampling Method: <u>Bailer</u>
<u>Disposable Bailer</u>	<u>Extraction Pump</u>	<input checked="" type="checkbox"/> <u>Disposable Bailer</u>
<u>Positive Air Displacement</u>	<u>Other</u>	<u>Extraction Port</u>
<input checked="" type="checkbox"/> <u>Electric Submersible</u>		<u>Dedicated Tubing</u>
Other: _____		

$\frac{7.1 \text{ (Gals.)} \times 3}{\text{Specified Volumes}} = \frac{21.3}{\text{Calculated Volume}} \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	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
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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 <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1055	68.9	6.8	1733	7200	7.5	cloudy, fuel odor, grey sheen
1055	well dewatered @ 7.5g.				-	
1126	70.6	6.8	1609	55		clear, fuel odor DTW = 3.57

Did well dewater? Yes No Gallons actually evacuated: 7.5

Sampling Date: 4/19/04 Sampling Time: 1130 Depth to Water: -

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 #: <u>040419-DAZ</u>	Client: <u>BB and L</u>
Sampler: <u>DA</u>	Date: <u>4/19/04</u>
Well I.D.: <u>OW-1</u>	Well Diameter: 2 3 4 6 8 <u>5</u>
Total Well Depth (TD): <u>-</u>	Depth to Water (DTW): <u>6.29</u>
Depth to Free Product: <u>6.26</u>	Thickness of Free Product (feet): <u>0.03</u>
Referenced to: <u>PVD</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>-</u>	

Purge Method: Bailer * Disposable Bailer Positive Air Displacement Electric Submersible Other: _____	Water: Peristaltic Extraction Pump Other: _____	Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____
---	--	--

(Gals.) X <u>Bail SPH</u> = _____ Gals. 1 Case Volume Specified Volumes Calculated Volume	<table border="1" style="font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table> 5" = 1.019	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
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
						<u>Bailed 116 ml SPH</u>

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

WELLHEAD INSPECTION CHECKLIST

Client B B and L Date 4/19/04

Site Address 8400 Pardee Dr. Oakland, CA

Job Number 040419-DAZ Technician DA

Well ID	Well Inspected - No Corrective Action Required	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	Y							
MW-2	Y							
MW-3	Y							
OW-1								X

NOTES: OW-1: wellbox rim loose

SPH or Purge Water Drum Log

Client: B&C
 Site Address: 8100 Pardee Dr, Oakland

STATUS OF DRUM(S) UPON ARRIVAL

	Date	2-24-04	3-29-04	4/19/04			
Number of drum(s) empty:		0		0			
Number of drum(s) 1/4 full:							
Number of drum(s) 1/2 full:		1 poly	1				
Number of drum(s) 3/4 full:		1 SPH steel	1				
Number of drum(s) full:		1 poly	2				
Total drum(s) on site:		3	3				
Are the drum(s) properly labeled?		yes	yes				
Drum ID & Contents:		SPH 3 Purge water / SPH 4 Purge water					
If any drum(s) are partially or totally filled, what is the first use date:							

- If you add any SPH to an empty or partially filled drum, drum must have at least 20 gals. of Purge water 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	2-24-04	3-29-04	4/19/04			
Number of drums empty:		0	-				
Number of drum(s) 1/4 full:							
Number of drum(s) 1/2 full:		1 poly		1			
Number of drum(s) 3/4 full:		1 steel	1 steel				
Number of drum(s) full:		1 poly	2				
Total drum(s) on site:		3	3				
Are the drum(s) properly labeled?		yes	yes	yes			
Drum ID & Contents:		SPH 3 Purge water / SPH 4 Purge water		SPH 1 Purge water			

LOCATION OF DRUM(S)

Describe location of drum(s):

FINAL STATUS

Number of new drum(s) left on site this event		0	2	1			
Date of inspection:		2-24-04	3-29-04	4/19/04			
Drum(s) labelled properly:		yes	yes	yes			
Logged by BTS Field Tech:		AC	EW	PA			
Office reviewed by:		W	W	W			

WELL GAUGING DATA

Project # 040419-DA2 Date 4/19/04 Client RB and L

Site 8400 Pardee Dr. Oakland, CA

Well ID	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
MW-1	4					3.55	13.95	TOC
MW-2	4		4.49	0.01	25	4.50	-	↓
MW-3	4					3.55	14.53	
OW-1	5		6.26	0.03	116	6.29	-	
* left 1 - 55g. Drum on site - 1/2 full @ site departure								

WELL MONITORING DATA SHEET

Project #: <u>040419-0AZ</u>	Client: <u>B B and L</u>
Sampler: <u>DA</u>	Date: <u>4/19/04</u>
Well I.D.: <u>MW-1</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth (TD): <u>13.95</u>	Depth to Water (DTW): <u>3.55</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>-</u>	

Purge Method: Bailer Disposable Bailer Positive Air Displacement <input checked="" type="checkbox"/> Electric Submersible	Waterra Peristaltic Extraction Pump Other _____	Sampling Method: Bailer <input checked="" type="checkbox"/> Disposable Bailer Extraction Port Dedicated Tubing Other: _____
--	--	---

$\frac{6.8 \text{ (Gals.)} \times 3}{\text{Specified Volumes}} = \frac{20.4 \text{ Gals.}}{\text{Calculated Volume}}$	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	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
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
1037	66.2	6.9	1734	7200	7	cloudy, grey, frothy etc
1039	67.1	6.9	1758	7200	14	"
1040	67.4	6.9	1753	110	20.5	clearing, sheen

Did well dewater? Yes No Gallons actually evacuated: 20.5

Sampling Date: 4/19/04 Sampling Time: 1045 Depth to Water: -

Sample I.D.: MW-1 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

APPENDIX C

**Laboratory Analytical Results
UPS-Oakland Center**

Blasland, Bouck & Lee, Inc.

April 13, 2004

975 Cobb Place Blvd., Ste. 311

Kennesaw, GA 30144

Attn.: Hugh B. Devery

Project#: BTS# 040329-DW-1

Project: UPS

Site: 8400 Pardee Drive Oakland, CA

Dear Mr. Devery:

Attached is our report for your samples received on 03/30/2004 15:03

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 05/14/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,



Dimple Sharma
Project Manager

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 * CA DHS ELAP# 2496

Fuel Oxygenates by 8260B

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311

Kennesaw, GA 30144

Phone: (770) 428-9009 Fax: (770) 428-4004

Project: BTS# 040329-DW-1

UPS

Received: 03/30/2004 15:03

Site: 8400 Pardee Drive Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-2	03/29/2004 10:55	Water	1
OW-1	03/29/2004 10:45	Water	2

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 * CA DHS ELAP# 2496

04/09/2004 12:43

Fuel Oxygenates by 8260B

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311

Kennesaw, GA 30144

Phone: (770) 428-9009 Fax: (770) 428-4004

Project: BTS# 040329-DW-1

UPS

Received: 03/30/2004 15:03

Site: 8400 Pardee Drive Oakland, CA

Prep(s): 5030B

Test(s): 8260B

Sample ID: **MW-2**

Lab ID: 2004-03-0926 - 1

Sampled: 03/29/2004 10:55

Extracted: 4/5/2004 15:34

Matrix: Water

QC Batch#: 2004/04/05-01.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	84	50	ug/L	1.00	04/05/2004 15:34	g
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	04/05/2004 15:34	
Benzene	0.51	0.50	ug/L	1.00	04/05/2004 15:34	
Toluene	ND	0.50	ug/L	1.00	04/05/2004 15:34	
Ethylbenzene	ND	0.50	ug/L	1.00	04/05/2004 15:34	
Total xylenes	ND	1.0	ug/L	1.00	04/05/2004 15:34	
Surrogate(s)						
1,2-Dichloroethane-d4	91.4	76-114	%	1.00	04/05/2004 15:34	
Toluene-d8	99.2	88-110	%	1.00	04/05/2004 15:34	

Severn Trent Laboratories, Inc.

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04/09/2004 12:43

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Kennesaw, GA 30144

Phone: (770) 428-9009 Fax: (770) 428-4004

Project: BTS# 040329-DW-1

UPS

Received: 03/30/2004 15:03

Site: 8400 Pardee Drive Oakland, CA

Prep(s): 5030B

Test(s): 8260B

Sample ID: OW-1

Lab ID: 2004-03-0926 - 2

Sampled: 03/29/2004 10:45

Extracted: 4/5/2004 15:56

Matrix: Water

QC Batch#: 2004/04/05-01.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	510	50	ug/L	1.00	04/05/2004 15:56	g
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	04/05/2004 15:56	
Benzene	ND	0.50	ug/L	1.00	04/05/2004 15:56	
Toluene	ND	0.50	ug/L	1.00	04/05/2004 15:56	
Ethylbenzene	ND	0.50	ug/L	1.00	04/05/2004 15:56	
Total xylenes	ND	1.0	ug/L	1.00	04/05/2004 15:56	
Surrogate(s)						
1,2-Dichloroethane-d4	94.1	76-114	%	1.00	04/05/2004 15:56	
Toluene-d8	93.5	88-110	%	1.00	04/05/2004 15:56	

Severn Trent Laboratories, Inc.

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04/09/2004 12:43

Fuel Oxygenates by 8260B

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975 Cobb Place Blvd., Ste. 311

Kennesaw, GA 30144

Phone: (770) 428-9009 Fax: (770) 428-4004

Project: BTS# 040329-DW-1

UPS

Received: 03/30/2004 15:03

Site: 8400 Pardee Drive Oakland, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/04/05-01.64-027

Water

Test(s): 8260B

QC Batch # 2004/04/05-01.64

Date Extracted: 04/05/2004 10:27

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	04/05/2004 10:27	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/05/2004 10:27	
Benzene	ND	0.5	ug/L	04/05/2004 10:27	
Toluene	ND	0.5	ug/L	04/05/2004 10:27	
Ethylbenzene	ND	0.5	ug/L	04/05/2004 10:27	
Total xylenes	ND	1.0	ug/L	04/05/2004 10:27	
Surrogates(s)					
1,2-Dichloroethane-d4	90.0	76-114	%	04/05/2004 10:27	
Toluene-d8	92.6	88-110	%	04/05/2004 10:27	

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04/09/2004 12:43

Fuel Oxygenates by 8260B

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975 Cobb Place Blvd., Ste. 311

Kennesaw, GA 30144

Phone: (770) 428-9009 Fax: (770) 428-4004

Project: BTS# 040329-DW-1

UPS

Received: 03/30/2004 15:03

Site: 8400 Pardee Drive Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2004/04/05-01.64

LCS 2004/04/05-01.64-000

Extracted: 04/05/2004

Analyzed: 04/05/2004 11:00

LCSD 2004/04/05-01.64-043

Extracted: 04/05/2004

Analyzed: 04/05/2004 11:43

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	18.7	22.1	25.0	74.8	88.4	16.7	65-165	20		
Benzene	22.8	24.9	25.0	91.2	99.6	8.8	69-129	20		
Toluene	21.9	25.2	25.0	87.6	100.8	14.0	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	440	419	500	88.0	83.8		76-114			
Toluene-d8	463	467	500	92.6	93.4		88-110			

Severn Trent Laboratories, Inc.

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04/09/2004 12:43

Fuel Oxygenates by 8260B

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Kennesaw, GA 30144

Phone: (770) 428-9009 Fax: (770) 428-4004

Project: BTS# 040329-DW-1

UPS

Received: 03/30/2004 15:03

Site: 8400 Pardee Drive Oakland, CA

Legend and Notes

Result Flag

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

Diesel

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311

Kennesaw, GA 30144

Phone: (770) 428-9009 Fax: (770) 428-4004

Project: BTS# 040329-DW-1

UPS

Received: 03/30/2004 15:03

Site: 8400 Pardee Drive Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-2	03/29/2004 10:55	Water	1
OW-1	03/29/2004 10:45	Water	2

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 * CA DHS ELAP# 2496

04/12/2004 16:49

Diesel

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311
Kennesaw, GA 30144
Phone: (770) 428-9009 Fax: (770) 428-4004

Project: BTS# 040329-DW-1
UPS

Received: 03/30/2004 15:03

Site: 8400 Pardee Drive Oakland, CA

Prep(s): 3510/8015M Test(s): 8015M
Sample ID: MW-2 Lab ID: 2004-03-0926 - 1
Sampled: 03/29/2004 10:55 Extracted: 4/9/2004 09:57
Matrix: Water QC Batch#: 2004/04/09-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	7800	50	ug/L	1.00	04/10/2004 11:05	ndp
Surrogate(s)						
o-Terphenyl	92.4	60-130	%	1.00	04/10/2004 11:05	

Diesel

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311

Kennesaw, GA 30144

Phone: (770) 428-9009 Fax: (770) 428-4004

Project: BTS# 040329-DW-1

UPS

Received: 03/30/2004 15:03

Site: 8400 Pardee Drive Oakland, CA

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	OW-1	Lab ID:	2004-03-0926 - 2
Sampled:	03/29/2004 10:45	Extracted:	4/6/2004 05:16
Matrix:	Water	QC Batch#:	2004/04/06-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	280000	5000	ug/L	100.00	04/10/2004 22:36	ndp
Surrogate(s)						
o-Terphenyl	NA	60-130	%	100.00	04/10/2004 22:36	sd

Severn Trent Laboratories, Inc.

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04/12/2004 16:49

Diesel

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975 Cobb Place Blvd., Ste. 311

Kennesaw, GA 30144

Phone: (770) 428-9009 Fax: (770) 428-4004

Project: BTS# 040329-DW-1

UPS

Received: 03/30/2004 15:03

Site: 8400 Pardee Drive Oakland, CA

Batch QC Report

Prep(s): 3510/8015M

Method Blank

MB: 2004/04/06-01.10-001

Water

Test(s): 8015M

QC Batch # 2004/04/06-01.10

Date Extracted: 04/06/2004 05:16

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	04/06/2004 10:56	
Surrogates(s) o-Terphenyl	77.9	60-130	%	04/06/2004 10:56	

Severn Trent Laboratories, Inc.

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Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

04/12/2004 16:49

Diesel

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Kennesaw, GA 30144

Phone: (770) 428-9009 Fax: (770) 428-4004

Project: BTS# 040329-DW-1

UPS

Received: 03/30/2004 15:03

Site: 8400 Pardee Drive Oakland, CA

Batch QC Report

Prep(s): 3510/8015M

Method Blank

MB: 2004/04/09-02.10-001

Water

Test(s): 8015M

QC Batch # 2004/04/09-02.10

Date Extracted: 04/09/2004 09:57

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	04/09/2004 17:27	
Surrogates(s) o-Terphenyl	78.1	60-130	%	04/09/2004 17:27	

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Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

04/12/2004 16:49

Diesel

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311

Kennesaw, GA 30144

Phone: (770) 428-9009 Fax: (770) 428-4004

Project: BTS# 040329-DW-1

UPS

Received: 03/30/2004 15:03

Site: 8400 Pardee Drive Oakland, CA

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike

Water

QC Batch # 2004/04/06-01.10

LCS 2004/04/06-01.10-002

Extracted: 04/06/2004

Analyzed: 04/07/2004 11:43

LCSD 2004/04/06-01.10-003

Extracted: 04/06/2004

Analyzed: 04/07/2004 12:09

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	758	766	1000	75.8	76.6	1.0	60-130	25		
Surrogates(s) o-Terphenyl	16.5	16.3	20.0	82.4	81.5		60-130	0		

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 * CA DHS ELAP# 2496

04/12/2004 16:49

Diesel

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311
Kennesaw, GA 30144
Phone: (770) 428-9009 Fax: (770) 428-4004

Project: BTS# 040329-DW-1
UPS

Received: 03/30/2004 15:03

Site: 8400 Pardee Drive Oakland, CA

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike

Water

QC Batch # 2004/04/09-02.10

LCS 2004/04/09-02.10-002

Extracted: 04/09/2004

Analyzed: 04/09/2004 16:33

LCSD 2004/04/09-02.10-003

Extracted: 04/09/2004

Analyzed: 04/09/2004 17:00

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	725	719	1000	72.5	71.9	0.8	60-130	25		
Surrogates(s) o-Terphenyl	14.9	14.8	20.0	74.7	73.8		60-130	0		

Severn Trent Laboratories, Inc.

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04/12/2004 16:49

Diesel

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Project: BTS# 040329-DW-1

UPS

Received: 03/30/2004 15:03

Site: 8400 Pardee Drive Oakland, CA

Legend and Notes

Result Flag

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

sd

Surrogate recovery not reportable due to required dilution.

2004-03-0926

84333

BLAINE

TECH SERVICES, INC.

1000 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CHAIN OF CUSTODY
 BTS # 040329-DW-1

CLIENT
 Blasland, Bouck, & Lee, Inc.

SITE
 UPS

8400 Pardee Drive
 Oakland, CA

SAMPLE I.D.	DATE	TIME	MATRIX		CONTAINERS
			S=SOIL W=H ₂ O	TOTAL	
MW-2	3-29	10:55	W	4	3 H ₂ O Vials 1 NP Amber
DW-1	3-29	10:45	W	4	3 H ₂ O Vials 1 NP Amber

C = COMPOSITE ALL CONTAINERS

CONDUCT ANALYSIS TO DETECT									
TPH-GAS (8015) (8260)	BTEX & MTBE (8260)	TPH-D (8015)							
X	X	X							
X	X	X							

LAB STL 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
 707-428-9009

Low Detection levels requested 2.4°C

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED	
	3-29-04	11:30	Dave Walter	NO LATER THAN As contracted	
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
David C. Walter	3/30/04	1503	[Signature]	3/30/04	1323
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
[Signature]	3/30/04	1503	[Signature]	3/30/04	1503
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
[Signature]	3/30/04	1503	Heuse Harrison/STL-SF	3/30/04	1503
SHIPPED VIA	DATE SENT	TIME SENT	COOLER #		

STL San Francisco

Sample Receipt Checklist

Submission #: 2004- 03 - 0926

Checklist completed by: (initials) SM Date: 07 / 30 /04

Courier name: STL San Francisco Client _____

Custody seals intact on shipping container/samples Yes ___ No ___ Not Present

Chain of custody present? Yes No ___

Chain of custody signed when relinquished and received? Yes No ___

Chain of custody agrees with sample labels? Yes No ___

Samples in proper container/bottle? Yes No ___

Sample containers intact? Yes No ___

Sufficient sample volume for indicated test? Yes No ___

All samples received within holding time? Yes No ___

Container/Temp Blank temperature in compliance ($4^{\circ}C \pm 2$)? Temp: 2.4 °C Yes No ___

Ice Present Yes No ___

Water - VOA vials have zero headspace? No VOA vials submitted ___ Yes No ___

(if bubble is present, refer to approximate bubble size and itemize in comments as S (small ~O), M (medium ~ **O**) or L (large ~ **O**))

Water - pH acceptable upon receipt? Yes No

pH adjusted- Preservative used: HNO₃ HCl H₂SO₄ NaOH ZnOAc -Lot #(s) _____

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments: _____

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) _____ Date: _____ /04

Client contacted: Yes No

Summary of discussion: _____

Corrective Action (per PM/Client): _____

Blasland, Bouck & Lee, Inc.

April 28, 2004

975 Cobb Place Blvd., Ste. 311
Kennesaw, GA 30144

Attn.: Hugh B. Devery

Project#: 040419-DA2

Project: UPS

Site: 8400 Pardee Drive, Oakland, CA

Dear Mr. Devery:

Attached is our report for your samples received on 04/20/2004 16:27

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 06/04/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,



Dimple Sharma
Project Manager

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 * CA DHS ELAP# 2496

Diesel

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311

Kennesaw, GA 30144

Phone: (770) 428-9009 Fax: (770) 428-4004

Project: 040419-DA2

UPS

Received: 04/20/2004 16:27

Site: 8400 Pardee Drive, Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	04/19/2004 10:45	Water	1
MW-3	04/19/2004 11:30	Water	2

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 * CA DHS ELAP# 2496

04/27/2004 15:26

Diesel

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311
Kennesaw, GA 30144
Phone: (770) 428-9009 Fax: (770) 428-4004

Project: 040419-DA2
UPS

Received: 04/20/2004 16:27

Site: 8400 Pardee Drive, Oakland, CA

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-1	Lab ID:	2004-04-0609 - 1
Sampled:	04/19/2004 10:45	Extracted:	4/22/2004 05:59
Matrix:	Water	QC Batch#:	2004/04/22-02_10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	24000	500	ug/L	10.00	04/23/2004 22:01	ndp
<i>Surrogate(s)</i>						
o-Terphenyl	NA	60-130	%	10.00	04/23/2004 22:01	sd

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 * CA DHS ELAP# 2496

04/27/2004 15:26

Diesel

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311
 Kennesaw, GA 30144
 Phone: (770) 428-9009 Fax: (770) 428-4004

Project: 040419-DA2
 UPS

Received: 04/20/2004 16:27

Site: 8400 Pardee Drive, Oakland, CA

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-3	Lab ID:	2004-04-0609 - 2
Sampled:	04/19/2004 11:30	Extracted:	4/22/2004 05:59
Matrix:	Water	QC Batch#:	2004/04/22-02_10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	14000	250	ug/L	5.00	04/23/2004 21:34	ndp
<i>Surrogate(s)</i> o-Terphenyl	NA	60-130	%	5.00	04/23/2004 21:34	sd

Diesel

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311
Kennesaw, GA 30144
Phone: (770) 428-9009 Fax: (770) 428-4004

Project: 040419-DA2
UPS

Received: 04/20/2004 16:27

Site: 8400 Pardee Drive, Oakland, CA

Batch QC Report		
Prep(s): 3510/8015M		Test(s): 8015M
Method Blank	Water	QC Batch # 2004/04/22-02.10
MB: 2004/04/22-02.10-001		Date Extracted: 04/22/2004 05:59

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	04/22/2004 11:06	
Surrogates(s) o-Terphenyl	80.5	60-130	%	04/22/2004 11:06	

Diesel

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311
Kennesaw, GA 30144
Phone: (770) 428-9009 Fax: (770) 428-4004

Project: 040419-DA2
UPS

Received: 04/20/2004 16:27

Site: 8400 Pardee Drive, Oakland, CA

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike

Water

QC Batch # 2004/04/22-02.10

LCS 2004/04/22-02.10-002

Extracted: 04/22/2004

Analyzed: 04/22/2004 11:37

LCSD 2004/04/22-02.10-003

Extracted: 04/22/2004

Analyzed: 04/22/2004 12:08

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	941	918	1000	94.1	91.8	2.5	60-130	25		
Surrogates(s) o-Terphenyl	17.2	16.9	20.0	86.2	84.5		60-130	0		

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 * CA DHS ELAP# 2496

04/27/2004 15:26

Diesel

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311

Kennesaw, GA 30144

Phone: (770) 428-9009 Fax: (770) 428-4004

Project: 040419-DA2

UPS

Received: 04/20/2004 16:27

Site: 8400 Pardee Drive, Oakland, CA

Legend and Notes

Result Flag

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

sd

Surrogate recovery not reportable due to required dilution.

Fuel Oxygenates by 8260B

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311

Kennesaw, GA 30144

Phone: (770) 428-9009 Fax: (770) 428-4004

Project: 040419-DA2

UPS

Received: 04/20/2004 16:27

Site: 8400 Pardee Drive, Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	04/19/2004 10:45	Water	1
MW-3	04/19/2004 11:30	Water	2

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 * CA DHS ELAP# 2496

04/27/2004 17:16

Fuel Oxygenates by 8260B

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311
Kennesaw, GA 30144
Phone: (770) 428-9009 Fax: (770) 428-4004

Project: 040419-DA2
UPS

Received: 04/20/2004 16:27

Site: 8400 Pardee Drive, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-1	Lab ID:	2004-04-0609 - 1
Sampled:	04/19/2004 10:45	Extracted:	4/26/2004 13:47
Matrix:	Water	QC Batch#:	2004/04/26-01.65
Analysis Flag: In (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	280	250	ug/L	5.00	04/26/2004 13:47	g
Methyl tert-butyl ether (MTBE)	ND	2.5	ug/L	5.00	04/26/2004 13:47	
Benzene	3.2	2.5	ug/L	5.00	04/26/2004 13:47	
Toluene	ND	2.5	ug/L	5.00	04/26/2004 13:47	
Ethylbenzene	ND	2.5	ug/L	5.00	04/26/2004 13:47	
Total xylenes	ND	5.0	ug/L	5.00	04/26/2004 13:47	
Surrogate(s)						
1,2-Dichloroethane-d4	92.5	76-114	%	5.00	04/26/2004 13:47	
Toluene-d8	96.3	88-110	%	5.00	04/26/2004 13:47	

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 * CA DHS ELAP# 2496

04/27/2004 17:16

Fuel Oxygenates by 8260B

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311
Kennesaw, GA 30144
Phone: (770) 428-9009 Fax: (770) 428-4004

Project: 040419-DA2
UPS

Received: 04/20/2004 16:27

Site: 8400 Pardee Drive, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-3	Lab ID:	2004-04-0609 - 2
Sampled:	04/19/2004 11:30	Extracted:	4/27/2004 12:54
Matrix:	Water	QC Batch#:	2004/04/27-01.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	99	50	ug/L	1.00	04/27/2004 12:54	g
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	04/27/2004 12:54	
Benzene	ND	0.50	ug/L	1.00	04/27/2004 12:54	
Toluene	ND	0.50	ug/L	1.00	04/27/2004 12:54	
Ethylbenzene	ND	0.50	ug/L	1.00	04/27/2004 12:54	
Total xylenes	ND	1.0	ug/L	1.00	04/27/2004 12:54	
Surrogate(s)						
1,2-Dichloroethane-d4	105.3	76-114	%	1.00	04/27/2004 12:54	
Toluene-d8	99.6	88-110	%	1.00	04/27/2004 12:54	

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 * CA DHS ELAP# 2496

04/27/2004 17:16

Fuel Oxygenates by 8260B

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311
Kennesaw, GA 30144
Phone: (770) 428-9009 Fax: (770) 428-4004

Project: 040419-DA2
UPS

Received: 04/20/2004 16:27

Site: 8400 Pardee Drive, Oakland, CA

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Water		QC Batch # 2004/04/26-01.65	
MB: 2004/04/26-01.65-038				Date Extracted: 04/26/2004 08:38	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	04/26/2004 08:38	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/26/2004 08:38	
Benzene	ND	0.5	ug/L	04/26/2004 08:38	
Toluene	ND	0.5	ug/L	04/26/2004 08:38	
Ethylbenzene	ND	0.5	ug/L	04/26/2004 08:38	
Total xylenes	ND	1.0	ug/L	04/26/2004 08:38	
Surrogates(s)					
1,2-Dichloroethane-d4	92.6	76-114	%	04/26/2004 08:38	
Toluene-d8	95.6	88-110	%	04/26/2004 08:38	

Fuel Oxygenates by 8260B

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311
Kennesaw, GA 30144
Phone: (770) 428-9009 Fax: (770) 428-4004

Project: 040419-DA2
UPS

Received: 04/20/2004 16:27

Site: 8400 Pardee Drive, Oakland, CA

Batch QC Report		
Prep(s): 5030B		Test(s): 8260B
Method Blank	Water	QC Batch # 2004/04/27-01.66
MB: 2004/04/27-01.66-026		Date Extracted: 04/27/2004 08:26

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	04/27/2004 08:26	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/27/2004 08:26	
Benzene	ND	0.5	ug/L	04/27/2004 08:26	
Toluene	ND	0.5	ug/L	04/27/2004 08:26	
Ethylbenzene	ND	0.5	ug/L	04/27/2004 08:26	
Total xylenes	ND	1.0	ug/L	04/27/2004 08:26	
Surrogates(s)					
1,2-Dichloroethane-d4	98.8	76-114	%	04/27/2004 08:26	
Toluene-d8	100.8	88-110	%	04/27/2004 08:26	

Fuel Oxygenates by 8260B

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311
Kennesaw, GA 30144
Phone: (770) 428-9009 Fax: (770) 428-4004

Project: 040419-DA2
UPS

Received: 04/20/2004 16:27

Site: 8400 Pardee Drive, Oakland, CA

Batch QC Report										
Prep(s): 5030B						Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch # 2004/04/26-01.65				
LCS	2004/04/26-01.65-051		Extracted: 04/26/2004			Analyzed: 04/26/2004 07:51				
LCSD	2004/04/26-01.65-013		Extracted: 04/26/2004			Analyzed: 04/26/2004 08:13				
Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	22.5	21.5	25.0	90.0	86.0	4.5	65-165	20		
Benzene	22.8	22.5	25.0	91.2	90.0	1.3	69-129	20		
Toluene	22.5	23.2	25.0	90.0	92.8	3.1	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	460	449	500	92.0	89.8		76-114			
Toluene-d8	499	511	500	99.8	102.2		88-110			

Fuel Oxygenates by 8260B

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311
Kennesaw, GA 30144
Phone: (770) 428-9009 Fax: (770) 428-4004

Project: 040419-DA2
UPS

Received: 04/20/2004 16:27

Site: 8400 Pardee Drive, Oakland, CA

Batch QC Report										
Prep(s): 5030B						Test(s): 8260B				
Laboratory Control Spike				Water			QC Batch # 2004/04/27-01.66			
LCS	2004/04/27-01.66-038			Extracted: 04/27/2004			Analyzed: 04/27/2004 07:38			
LCSD	2004/04/27-01.66-002			Extracted: 04/27/2004			Analyzed: 04/27/2004 08:02			
Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD %	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	22.9	21.3	25.0	91.6	85.2	7.2	65-165	20		
Benzene	23.7	23.3	25.0	94.8	93.2	1.7	69-129	20		
Toluene	23.2	23.1	25.0	92.8	92.4	0.4	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	457	444	500	91.4	88.8		76-114			
Toluene-d8	488	507	500	97.6	101.4		88-110			

Fuel Oxygenates by 8260B

Blasland, Bouck & Lee, Inc.

Attn.: Hugh B. Devery

975 Cobb Place Blvd., Ste. 311

Kennesaw, GA 30144

Phone: (770) 428-9009 Fax: (770) 428-4004

Project: 040419-DA2

UPS

Received: 04/20/2004 16:27

Site: 8400 Pardee Drive, Oakland, CA

Legend and Notes

Analysis Flag

ln

Reporting limits raised due to high level of non-target analyte materials.

Result Flag

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

2004-04-0609

84992

BLAINE

TECH SERVICES, Inc.

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

CONDUCT ANALYSIS TO DETECT

LAB STL DHS # _____
 ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
 EPA RWOCB REGION _____
 LIA
 OTHER

CHAIN OF CUSTODY
 BTS # 040419-0A2
 CLIENT Blasland, Bouck, & Lee, Inc.
 SITE UPS
8400 Pardee Drive
Oakland, CA

C = COMPOSITE ALL CONTAINERS

TPH-Gre, BTEX, MTBE, (8260)
 TPH-D (8015)

SPECIAL INSTRUCTIONS
 Invoice and Report to : Blasland, Bouck, & Lee, Inc.
 Attn: Hugh Devery
 707-428-9009

Low Detection levels requested

SAMPLE I.D.	DATE	TIME	MATRIX S-SOIL W-H ₂ O	TOTAL	CONTAINERS		C = COMPOSITE ALL CONTAINERS	TPH-Gre, BTEX, MTBE, (8260)	TPH-D (8015)							ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #	
					Number	Volume														
MW-1	4/19/04	1045	W	4	X	X		X	X											
MW-3		1130	↓	↓	X	X		X	X											

SAMPLING COMPLETED DATE 4/19/04 TIME 1130 SAMPLING PERFORMED BY David Allbut RESULTS NEEDED NO LATER THAN As contracted

RELEASED BY David Allbut DATE _____ TIME _____ RECEIVED BY [Signature] DATE 4/20/04 TIME 1158

RELEASED BY [Signature] DATE 4/20/04 TIME 1627 RECEIVED BY [Signature] DATE 04/20/04 TIME 1627

RELEASED BY _____ DATE _____ TIME _____ RECEIVED BY _____ DATE _____ TIME _____

SHIPPED VIA _____ DATE SENT _____ TIME SENT _____ COOLER # 500

Submission: 2004-04-0609

Project Verification

SEVERN

TRENT

Received on: 04/20/2004 16:27

From: Blasland, Bouck & Lee, Inc.

By: Dimple Sharma

Hugh B. Devery

Cooler Tmp: 5

975 Cobb Place Blvd., Ste. 311
Kennesaw, GA 30144

STL San Francisco
1220 Quarry Ln
Pleasanton CA 94566

Project#: 040419-DA2

Project: UPS

8400 Pardee Drive, Oakland, CA

Tel.: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com

CA DHS ELAP#:2496

Lab Sample #	Sample ID	Matrix	Sampled
EPA Method	Analysis	TAT	Due Date
2004-04-0609 - 1	MW-1	Water	04/19/2004 10:45
8015M	Diesel	5 Day	04/27/2004 17:00
8260B	Fuel Oxygenates by 8260B (Selectable)	5 Day	04/27/2004 17:00
<i>Benzene, Ethylbenzene, Gasoline, Methyl tert-butyl ether (MTBE), Toluene, Total xylenes</i>			
2004-04-0609 - 2	MW-3	Water	04/19/2004 11:30
8015M	Diesel	5 Day	04/27/2004 17:00
8260B	Fuel Oxygenates by 8260B (Selectable)	5 Day	04/27/2004 17:00
<i>Benzene, Ethylbenzene, Gasoline, Methyl tert-butyl ether (MTBE), Toluene, Total xylenes</i>			

2004-04-0609

84992

BLAINE

TECH SERVICES, INC.

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

CONDUCT ANALYSIS TO DETECT

LAB STL DHS # _____

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

CHAIN OF CUSTODY
BTS # 040419-DAZ

CLIENT Blasland, Bouck, & Lee, Inc.

SITE UPS
8400 Pardee Drive
Oakland, CA

C = COMPOSITE ALL CONTAINERS

TPH-Gro, BTEX, MTBE (8260)

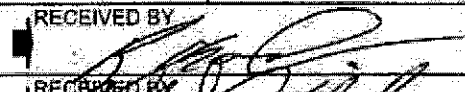

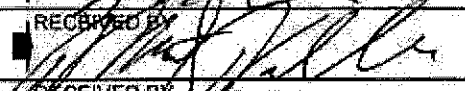
TPH-D (8015)

SPECIAL INSTRUCTIONS
Invoice and Report to : Blasland, Bouck, & Lee, Inc.
Attn: Hugh Devery
707-428-9009

Low Detection levels requested

SAMPLE I.D.	DATE	TIME	MATRIX G=SOIL W=H ₂ O	CONTAINERS TOTAL	Containers		C	TPH-Gro, BTEX, MTBE (8260)	TPH-D (8015)									ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #	
					Numerical	Hexagons																
✓ MW-1	4/19/04	1045	W	4	X	X		X	X													
✓ MW-3		1130	W		X	X		X	X													

SAMPLING COMPLETED DATE 4/19/04 TIME 1130 SAMPLING PERFORMED BY David Allbut RESULTS NEEDED NO LATER THAN As contracted

RELEASED BY <u>David Allbut</u>	DATE	TIME	RECEIVED BY 	DATE <u>4/20/04</u>	TIME <u>1158</u>
RELEASED BY 	DATE <u>4/20/04</u>	TIME <u>1627</u>	RECEIVED BY 	DATE <u>04/20/04</u>	TIME <u>1627</u>
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA _____ DATE SENT _____ TIME SENT _____ COOLER # 5°C

Submission: 2004-03-0926

Project Verification

SEVERN

TRENT

Received on: 03/30/2004 15:03

From: **Blasland, Bouck & Lee, Inc.**

By: Dimple Sharma

Hugh B. Devery

Cooler Tmp: 2.4

975 Cobb Place Blvd., Ste. 311
Kennesaw, GA 30144

STL San Francisco
1220 Quarry Ln
Pleasanton CA 94566

Project#: BTS# 040329-DW-1

Project: UPS

8400 Pardee Drive Oakland, CA

Tel.: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com

CA DHS ELAP#:2496

Lab Sample #	Sample ID	Matrix	Sampled
EPA Method	Analysis	TAT	Due Date
2004-03-0926 - 1	MW-2	Water	03/29/2004 10:55
8015M	Diesel	9 Day	04/13/2004 17:00
8260B	Fuel Oxygenates by 8260B (Selectable)	9 Day	04/13/2004 17:00
<i>Benzene, Ethylbenzene, Gasoline, Methyl tert-butyl ether (MTBE), Toluene, Total xylenes</i>			
2004-03-0926 - 2	OW-1	Water	03/29/2004 10:45
8015M	Diesel	9 Day	04/13/2004 17:00
8260B	Fuel Oxygenates by 8260B (Selectable)	9 Day	04/13/2004 17:00
<i>Benzene, Ethylbenzene, Gasoline, Methyl tert-butyl ether (MTBE), Toluene, Total xylenes</i>			

2004-03-0926

84333

BLAINE

TECH SERVICES, INC.

1000 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB STL DHS # _____

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

EPA RWQCB REGION _____

LIA

OTHER _____

CHAIN OF CUSTODY

BTS# 040329-DW-1

CLIENT Blasland, Bouck, & Lee, Inc.

SITE UPS

8400 Pardee Drive

Oakland, CA

C = COMPOSITE ALL CONTAINERS

TPH-GAS (8260)	BTEX & MTBE (8260)	TPH-D (8015)								
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SPECIAL INSTRUCTIONS

Invoice and Report to : Blasland, Bouck, & Lee, Inc.

Attn: Hugh Devery

707-428-9009

Low Detection levels requested 2.4°C

SAMPLE I.D.	DATE	TIME	MATRIX		CONTAINERS	C = COMPOSITE ALL CONTAINERS	TPH-GAS (8260)	BTEX & MTBE (8260)	TPH-D (8015)							ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #	
			S=SOIL	W=H ₂ O																
MW-2	3-29	10:55	W		4		X	X	X							VOC's are non-preserved				
OW-1	3-29	10:45	W		4		X	X	X											

SAMPLING COMPLETED DATE 3-29-04 TIME 11:30 SAMPLING PERFORMED BY Dave Walter RESULTS NEEDED NO LATER THAN As contracted

RELEASED BY [Signature] DATE _____ TIME _____ RECEIVED BY [Signature] DATE 3/30/04 TIME 1323

RELEASED BY [Signature] DATE 3/30/04 TIME 1503 RECEIVED BY _____ DATE _____ TIME _____

RELEASED BY _____ DATE _____ TIME _____ RECEIVED BY Heuse Harrison / STL-SF DATE 3/30/04 TIME 1503

SHIPPED VIA _____ DATE SENT _____ TIME SENT _____ COOLER # _____

2004-03-0926

84333

BLAINE

TECH SERVICES, INC.

1000 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

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 _____

CHAIN OF CUSTODY

BTS# 040329-DW-1

CLIENT

Blasland, Bouck, & Lee, Inc.

SITE

UPS

8400 Pardee Drive

Oakland, CA

C = COMPOSITE ALL CONTAINERS

TPH-GAS (8015) (260)

BTEX & MTBE (8260)

TPH-D (8015)

SPECIAL INSTRUCTIONS

Invoice and Report to : Blasland, Bouck, & Lee, Inc.

Attn: Hugh Devery

707-428-9009

Low Detection levels requested

2.4°C

SAMPLE I.D.	DATE	TIME	MATRIX		TOTAL	TPH-GAS (8015)	BTEX & MTBE (8260)	TPH-D (8015)					ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #	
			S=SOIL	W=H ₂ O													
MW-2	3-29	10:55	W		4	X	X	X									
DW-1	3-29	10:45	W		4	X	X	X									

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED	
	3-29-04	11:30	Dave Walter	NO LATER THAN As contracted	
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
<i>David C. Walter</i>			<i>[Signature]</i>	3/30/04	1313
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
<i>[Signature]</i>	3/30/04	1503	<i>[Signature]</i>		
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
			<i>Debbie Harrington/STL-SF</i>	3/30/04	1503
SHIPPED VIA	DATE SENT	TIME SENT	COOLER #		