Barbara Jakub
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

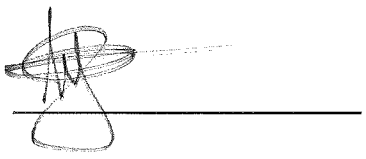
Re: BPS Reprographics (Formerly City Blue Print)
RWQCB Case #01-0210
1700 Jefferson St
Oakland CA, 94612

Dear Barbara Jakub,

BPS had directed MACTEC to provide, on our behalf, professional environmental consulting services to the best of their ability. To the best of my knowledge the information in this report is accurate and all local Agency and/or Regional Water Quality Control Board regulations and guidelines have been followed.

This report was prepared by MACTEC and BPS has relied on their advice and assistance. I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Sincerely,



Authorized Representative

Attachment: Report

MACTEC

September 27, 2006

Project 4097041918 Task 01

Mr. David Blain
BPS Reprographic Services
945 Bryant Street
San Francisco, California 94103

Groundwater Remediation and Monitoring Report
Second Quarter 2006
BPS Reprographic Services Facility
1700 Jefferson Street
Oakland, California

Dear Mr. Blain:

MACTEC Engineering and Consulting, Inc., presents this quarterly status letter-report on the groundwater monitoring and remedial activities at the BPS Reprographic Services (BPS) facility located at 1700 Jefferson Street in Oakland, California (Plate 1). Information presented in this letter-report represents groundwater conditions at the subject site during the Second Quarter 2006 (April through June), and was prepared to satisfy the quarterly groundwater monitoring requirements of the Alameda County Department of Health Care Services (ACHCS).

BACKGROUND

Three underground gasoline storage tanks were removed from the property in 1987 and a preliminary soil and groundwater investigation indicated that a release of fuel into the subsurface had occurred. Subsequent investigation indicated the presence of free phase hydrocarbons (FPH) in groundwater beneath the site and a local groundwater gradient direction that ranges from north-northwest to west.

The existing groundwater monitoring wells (MW-1, MW-3, MW-5, and MW-6) and extraction wells (MW-1A and MW-4) are shown on Plate 1. Groundwater extraction and treatment began in 1992. The treatment system consisted of an oil-water separator that removed the FPH, a 3,000-gallon bioreactor tank for treatment by hydrocarbon reducing microbes, and three granular activated carbon vessels. The treated water was discharged under a wastewater discharge permit from the East Bay Municipal Utility District to the sanitary sewer. During its operation, the treatment system processed approximately 1,385,490 gallons of groundwater and an estimated 5,062 pounds of FPH were recovered.

By 1999, the oil-water separator was no longer recovering FPH and FPH was no longer present in any of the groundwater monitoring wells. In June of 1999, as approved by the ACHCS, groundwater extraction and treatment ceased. In September 1999, MACTEC implemented *in-situ* bioremediation using ORC™ in treatment wells MW-1A, MW-3, MW-4, and MW-5. The ORC™ is contained in fabric "socks" which release oxygen over time to encourage aerobic microbes to metabolize the hydrocarbons. As described in the Groundwater Monitoring Plan, the ORC™ socks were removed from the treatment wells two weeks before each quarterly groundwater monitoring event, then replaced after sampling is complete. *In-situ* bioremediation continued until the Fourth Quarter 2002. In late 2002 and early 2003, MACTEC

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28 Second Street
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removed the ORC™ socks from the monitoring wells, as requested by the ACHCS in their letter dated September 27, 2002. Since then, the ORC has not been replaced; however, quarterly monitoring has continued.

SECOND QUARTER 2006 GROUNDWATER SAMPLING AND ANALYSIS

On June 29, 2006, MACTEC conducted quarterly groundwater monitoring of MW-1, MW-3, MW-5, and MW-6 (Plate 1) using a non-purge method, in accordance with the SFBRWQCB January 31, 1997 letter *Utilization of Non-Purge Approach for Sampling of Monitoring Wells Impacted by Petroleum Hydrocarbons, BTEX and MTBE,* file No. 1123.64.

Table 1 shows groundwater field parameters, including DO, collected prior to sampling. During the second quarter 2006 event, the DO concentrations ranged from 0.7 mg/L in MW-5 to 1.2 mg/L in MW-6. MACTEC will continue to monitor DO in these wells.

Prior to sampling, MACTEC measured the depth to groundwater from the top of casing (TOC) of wells MW-1, MW-3, MW-5 and MW-6 using an electronic water level indicator. Current and historical measurements and calculated groundwater elevations are displayed on Plate 2 and tabulated in Table 2. As shown in Table 2, the groundwater surface elevation increased an average of 0.5 feet across the site, as compared to last quarter's measurements. Groundwater elevations at the site have generally been increasing since groundwater monitoring began and the Second Quarter 2006 elevations are the highest measured to date. There were no observable potential causes for the high groundwater elevations in the area of the site (such as sub-grade construction). MACTEC will continue to monitor groundwater elevations in these wells.

The groundwater elevation contours shown on Plate 3 were drawn using the June 29, 2006 groundwater measurements from MW-1, MW-3, MW-5 and MW-6. Based on the groundwater elevations, the groundwater gradient is approximately 0.004 ft/ft. The direction of flow appears to be in the west-northwesterly direction.

Immediately after sample collection, MACTEC labeled and stored the samples in a cooler with ice. The groundwater samples were kept chilled until submitted to Sequoia Analytical Laboratory (Sequoia), a California state-certified laboratory (CA ELAP Certificate #2374), under chain-of-custody protocol for the following analyses:

- Total petroleum hydrocarbons as gasoline (TPHg) in accordance with EPA Method 8015 modified.
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) in accordance with EPA Method 8020.
- Methyl tertiary butyl ether (MTBE) in accordance with EPA Method 8020 with confirmation of detections by EPA Method 8260.
- Ethylene dichloride (EDC) by EPA Method 8260.

Historical analytical results for TPHg, BTEX and MTBE collected through September 29, 1999 are shown in Table 3. Second Quarter 2006 analytical results for TPHg, BTEX, MTBE and EDC are displayed on Plate 4. Analytical results collected since September 29, 1999 are shown in Table 4 and presented graphically on Plate 5. The certified analytical reports (CARs) are presented in Appendix A.

DISCUSSION

As shown in Table 4 and Plate 5, Second Quarter 2006 monitoring event concentrations of TPHg and BTEX are within the range of historical concentrations of these compounds. The range of chemical concentrations detected in samples collected during the Second Quarter 2006 event are as follows:

- TPHg ranged from non-detectable with a detection limit of 0.05 mg/L (MW-6) to 23 mg/l (MW-1).
- Benzene ranged from non-detectable with a detection limit of 0.5 micrograms per liter (ug/L; MW-6) to 4,800 ug/L (MW-1).
- Toluene ranged from non-detectable with a detection limit of 0.5 ug/L (MW-6) to 4,000 ug/L (MW-1).
- Ethylbenzene ranged from non-detectable with a detection limit of 0.5 ug/L (MW-6) to 330 ug/L (MW-1).
- Total Xylenes ranged from non-detectable with a detection limit of 0.5 ug/L (MW-6) to 1,200 ug/L (MW-1).
- MTBE was not detected in samples from any of the groundwater monitoring wells this quarter, with detection limits ranging from 2.5 ug/L (MW-3, 5 and 6) to 500 ug/L (MW-1).
- EDC was not detected in a samples collected from MW-1 and MW-5 this quarter, with a detection limit of 50 ug/L.

An overview of recent concentration trends observed in each monitoring well is presented below.

As indicated on Plate 5, chemical concentrations at MW-1 peaked during the Second Quarter 2003 monitoring event, decreased to unusually low levels during the Third Quarter 2005, and increased again through the First Quarter 2006. Second Quarter 2006 concentrations of TPHg and BTEX in MW-1 have all decreased since First Quarter 2006.

Significant spikes in TPHg, ethylbenezene, toluene, and xylenes concentrations occurred in MW-3 during the Second Quarter 2003 monitoring event and spikes in benzene in MW-3 occurred during the Fourth Quarter 2004 and Third Quarter 2005 monitoring events. However, since Second Quarter 2004, the overall concentrations in MW-3 have been low and relatively stable. Second Quarter 2006 concentration data in MW-3 indicate a slight increase in TPHg, benzene and ethylbenzene and a slight decrease in toluene and total xylenes compared to First Quarter 2006.

Chemical concentrations in MW-5 increased significantly in the Third Quarter 2003 and remained elevated through the Third Quarter 2005. Since then, TPHg and BTEX concentrations have followed decreasing trends. Concentrations of BTEX in samples collected during the Second Quarter 2006 were the lowest measured since 2002. TPHg was not detected above an elevated detection limit in the First Quarter 2006 sample from MW-5, but was detected in the Second Quarter 2006 sample at the lowest concentration ever reported for this well [1.2 milligrams per liter (mg/L)].

Typically groundwater collected from MW-6 contains no detectable concentrations of TPHg or BTEX compounds. Second Quarter 2006 monitoring data for MW-6 indicates no TPHg or BTEX compounds were detected in this well. MW-6 will continue to be monitored for these analytes.

Beginning in the Fourth Quarter 2002, EDC was added to the list of analytes monitored at MW-1 and MW-5. The Second Quarter 2006 monitoring data indicated that EDC was not detected above a detection limit of 0.5 ug/L in either MW-1 or MW-5. These results indicated a significant decrease from the First Quarter 2006 sample results.

RECOMMENDATIONS

MACTEC recommends continued groundwater monitoring at the Site to satisfy the quarterly groundwater monitoring requirements of the ACHCS and continued evaluation of monitoring parameters for more favorable conditions under which to make a monitoring frequency reduction request. MACTEC recommends that BPS send a copy of this report to the following address:

Mr. Don Hwang
Alameda County
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California, 94502-6577

While under contract to BPS, MACTEC will continue to provide quarterly groundwater monitoring and reporting as required by ACHCS.

If you have any questions, please contact David S. Nanstad at (415) 278-2118.

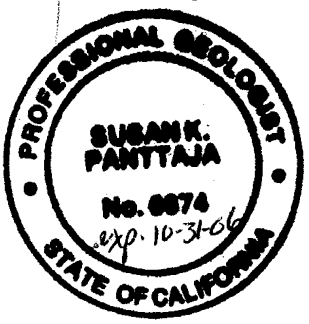
Sincerely,

MACTEC ENGINEERING AND CONSULTING, INC.

David S. Nanstad, REA
Project Engineer

Susan K. Panttaja, PG
Senior Geologist

Richard Manser
Principal Scientist



4 copies submitted

Attachments: Table 1 – Groundwater Parameters
Table 2 – Groundwater Elevation Data
Table 3 – Historical Groundwater Monitoring Analytical Results - Using Purge Method
Table 4 – Groundwater Monitoring Analytical Results

Plate 1 – Site Map
Plate 2 – Groundwater Elevation Data
Plate 3 – Groundwater Contours
Plate 4 – TPHg, BTEX, MTBE and EDC Concentrations in Groundwater
Plate 5 – BTEX and DO Results

Appendix A – Laboratory Reports
Appendix B – Groundwater Sampling Forms
Table B1. Sample Location/Sample Description Cross-Reference

P:/4097/041918BPS/2Q06

TABLES

Table 1.
Groundwater Parameters
BPS Reprographic Services Facility
1700 Jefferson Street
Oakland, California

Dissolved Oxygen (mg/L)	MW-1	MW-3	MW-5	MW-6
9/29/1999	2.9	1.7	0.4	1.8
11/5/1999	4.0	10.3	4.0	2.8
11/22/1999	1.8	2.4	2.0	3.2
1/28/2000	2.9	8.4	3.6	2.2
2/11/2000	2.5	2.3	1.8	3.5
5/12/2000	2.0	7.4	2.4	1.7
5/30/2000	1.9	2.6	1.8	3.2
9/1/2000	2.9	3.4	2.3	2.7
9/15/2000	2.0	1.8	2.2	3.8
11/9/2000	NA	5.0	5.3	NA
11/17/2000	3.1	4.2	3.4	6.0
3/15/2001	2.0	7.0	1.4	2.1
4/2/2001	1.0	0.8	2.0	1.0
6/1/2001	0.2	0.2	6.6	0.3
6/28/2001	0.3	0.6	0.5	0.7
8/16/2001	0.5	6.5	1.6	0.8
8/30/2001	0.3	0.4	0.2	0.5
12/14/2001	0.0	3.8	2.2	0.2
12/26/2001	0.2	0.3	0.2	0.2
4/10/2002	0.6	0.6	0.2	0.4
4/23/2002	0.3	0.4	0.9	0.5
6/3/2002	0.4	5.2	4.3	0.7
6/14/2002	0.3	0.3	0.4	0.3
8/5/2002	0.3	0.3	0.4	0.4
8/14/2002	0.3	0.3	0.4	0.6
12/6/2002	1.0	0.9	NA[1]	0.6
12/27/2002	0.9	1.0	NA[2]	1.2
4/1/2003	0.3	1.1	NA[2]	NA[1]
7/1/2003	7.7	7.7	NA[2]	7.2
9/24/2003	6.3	7.2	0.6	0.9
12/29/2003	0.2	0.3	0.6	0.6
5/18/2004	0.4	0.5	0.4	0.4
6/30/2004	0.4	0.7	0.5	1.1
9/23/2004	4.6	1.0	1.2	1.8
12/28/2004	0.4	0.2	0.3	4.3
3/16/2005	0.4	0.1	0.5	0.5
6/23/2005	0.6	0.6	0.8	0.6
9/9/2005	0.6	0.6	0.7	1.1
12/2/2005	1.5	2.0	1.1	0.9
3/24/2006	0.8	0.7	0.9	0.9
6/29/2006	1.1	1.1	0.7	1.2
REDOX (mvolts)				
5/30/2000	-322	197	-128	203
9/15/2000	-269	3	-89	206
11/17/2000	64	178	296	230
4/2/2001	-194	26	-36	102
6/28/2001	-310	-283	-360	107
8/30/2001	NA[1]	NA[1]	NA[1]	NA[1]
12/26/2001	12	11	11	11
4/23/2002	3	62	-299	158
6/14/2002	0	245	-215	254
8/20/2002	-294	-315	-238	228
12/27/2002	-315	-357	NA[2]	-12
4/1/2003[b]	-82	-75	NA[2]	172
7/1/2003[b]	212	230	NA[2]	227
9/24/2003[b]	-166	-300	-183	50
12/29/2003[b]	-329	-198	-269	114
5/18/2004	-309	-189	-248	115
6/30/2004	-270	-343	-165	104
9/23/2004	-314	-284	-162	96
12/28/2004	-303	101	-110	127
3/16/2005	-36	-50	-162	177
6/23/2005	-225	-42	-117	109
9/9/2005	-30	-52	-152	98
12/2/2005	-26	-141	-108	20
3/24/2006	-179	-118	-112	87
6/29/2006	-202	-182	-151	6

Checked _____

Approved _____

Table 1.
Groundwater Parameters
BPS Reprographic Services Facility
1700 Jefferson Street
Oakland, California

Temperature (deg F)	MW-1	MW-3	MW-5	MW-6
9/29/1999	67.0	72.6	67.7	73.8
11/22/1999	66.4	62.9	65.0	69.8
2/11/2000	61.3	63.2	62.0	68.5
5/30/2000	77.7	74.8	76.3	76.2
9/15/2000	64.4	64.3	64.7	67.0
11/17/2000	54.5	58.1	68.1	65.9
4/2/2001	63.5	64.9	66.2	66.4
6/28/2001	73.0	71.2	74.7	74.3
8/30/2001	74.8	77.6	78.3	78.7
12/26/2001	65.7	65.8	65.8	65.1
4/23/2002	64.4	69.8	37.1	71.6
6/14/2002	66.7	67.5	66.7	68.0
8/20/2002	64.6	67.6	66.2	68.0
12/27/2002	41.7	42.5	NA[2]	41.7
4/1/2003[b]	64.6	67.6	NA[2]	68.0
7/1/2003[ab]	79.4	80.3	NA[2]	81.9
9/24/2003[b]	65.1	67.1	65.7	68.5
12/29/2003[b]	65.0	67.5	67.1	68.0
5/18/2004	69.0	69.0	63.0	68.0
6/30/2004	65.8	68.0	69.1	70.0
9/23/2004	67.6	69.3	68.9	74.5
12/28/2004	60.3	60.4	59.2	62.6
3/16/2005	63.3	66.0	64.4	66.0
6/23/2005	64.4	66.7	65.8	66.9
9/9/2005	69.0	70.3	69.8	71.0
12/2/2005	61.5	63.7	62.2	62.1
3/24/2006	63.7	66.4	65.3	62.6
6/29/2006	69.3	68.2	71.2	72.1
pH				
9/29/1999	8.4	8.5	8.4	8.4
11/22/1999	6.9	8.4	6.8	6.8
2/11/2000	6.8	6.9	6.8	6.7
5/30/2000	7.0	7.4	7.5	7.6
9/15/2000	7.1	7.5	6.8	6.6
11/17/2000	7.4	7.7	7.1	7.3
4/2/2001	7.0	6.6	7.1	7.0
6/28/2001	6.9	6.7	6.8	6.8
8/30/2001	7.9	7.9	7.9	8.4
12/26/2001	6.2	6.9	7.1	6.7
4/23/2002	6.9	7.0	6.9	6.9
6/14/2002	7.1	7.2	7.1	6.9
8/20/2002	NA[1]	6.9	NA[1]	6.9
12/27/2002	6.3	6.4	NA[2]	6.5
4/1/2003[b]	6.9	7.1	NA[2]	6.7
7/1/2003[b]	7.4	7.6	NA[2]	7.7
9/24/2003[b]	7.1	7.3	7.3	7.2
12/29/2003[b]	6.7	6.5	6.8	6.7
5/18/2004	6.7	6.5	6.7	6.5
6/30/2004	6.6	6.6	6.3	NA[1]
9/23/2004	6.7	6.6	6.5	6.5
12/28/2004	6.5	5.3	6.6	6.8
3/16/2005	6.3	5.7	5.8	6.2
6/23/2005	6.4	6.1	6.5	6.6
9/9/2005	6.5	6.1	6.1	7.0
12/2/2005	6.5	5.9	7.6	7.1
3/24/2006	7.1	7.6	6.8	7.4
6/29/2006	6.5	6.1	7.3	7.0
Specific Conductance (µS/cm)				
9/29/1999	976	880	1,577	966
11/22/1999	1,004	1,500	1,352	1,038
2/11/2000	992	1,327	1,275	1,149
5/30/2000	845	1,020	758	924
9/15/2000	800	917	989	1,009
11/17/2000	785	970	742	886
4/2/2001	725	365	839	821
6/28/2001	1080	704	876	1021
8/30/2001	924	1015	975	931
12/26/2001	848	496	333	891
4/23/2002	922	601	848	977
6/14/2002	932	767	810	961
8/20/2002	1015	809	891	985
12/27/2002	956	791	NA[2]	903

Table 1.
Groundwater Parameters
BPS Reprographic Services Facility
1700 Jefferson Street
Oakland, California

Specific Conductance (µS/cm)	MW-1	MW-3	MW-5	MW-6
4/1/2003[b]	1128	800	NA[2]	1021
7/1/2003[b]	1020	690	NA[2]	970
9/24/2003[b]	951	697	987	890
12/29/2003[b]	1143	396	993	934
5/18/2004	1060	692	922	1037
6/30/2004	1006	725	970	962
9/23/2004	1027	656	966	1007
12/28/2004	875	69	807	873
3/16/2005	899	69	831	872
6/23/2005	799	102	718	814
9/9/2005	852	103	817	881
12/2/2005	891	39	750	811
3/24/2006	1156	208	996	1042
6/29/2006	1113	658	795	932

Note:
Baseline dissolved oxygen measurement taken on 09/29/99, prior to initial installation of oxygen releasing compound

mg/l = milligrams per liter
mvolts = millivolts
deg F = degrees Fahrenheit
µS/cm = micro-ohms per centimeter
NA = Not Available
1 = indicates data not available due to equipment malfunction
2= not available due to ORC socks stuck in well on these dates
a = indicates dissolved oxygen and temperature readings collected on this date above typical range and should be considered suspect
b = indicates this data collected post purge

Table 2. Groundwater Elevation Data
BPS Reprographic Services Facility
1700 Jefferson Street
Oakland, California

	MW-1		MW-3		MW-5		MW-6		Average
	TOC Elev.	32.36	TOC Elev.	31.77	TOC Elev.	30.56	TOC Elev.	31.26	Change
Date	Water	Water	Water	Water	Water	Water	Water	Water	Since
Sampled	Level	Elevation	Level	Elevation	Level	Elevation	Level	Elevation	Preceding
									Quarter
3/6/1996	NM	--	24.79	6.98	23.53	7.03	NA	--	
6/11/1996	FP	--	25.60	6.17	23.78	6.78	25.16	6.10	-0.53
9/19/1996	FP	--	26.09	5.68	24.48	6.08	25.76	5.50	-0.60
12/23/1996	FP	--	FP	--	24.83	5.73	25.88	5.38	-0.23
3/27/1997	FP	--	FP	--	23.82	6.74	24.78	6.48	1.06
6/4/1997	26.41	5.95	25.11	6.66	23.92	6.64	24.60	6.66	0.04
9/26/1997	26.80	5.56	25.41	6.36	24.29	6.27	24.80	6.46	-0.32
12/22/1997	26.00	6.36	24.91	6.86	24.02	6.54	24.71	6.55	0.42
3/31/1998	26.06	6.30	24.05	7.72	22.78	7.78	23.75	7.51	0.75
6/18/1998	25.60	6.76	23.71	8.06	22.51	8.05	23.22	8.04	0.40
8/28/1998	25.45	6.91	23.70	8.07	22.74	7.82	22.23	9.03	0.23
12/2/1998	24.92	7.44	23.60	8.17	23.16	7.40	23.72	7.54	-0.32
3/10/1999	24.90	7.46	22.65	9.12	22.82	7.74	23.54	7.72	0.37
6/30/1999	25.53	6.83	23.07	8.70	22.41	8.15	23.04	8.22	-0.04
9/29/1999	24.23	8.13	23.03	8.74	22.81	7.75	23.42	7.84	0.14
11/22/1999	24.33	8.03	23.68	8.09	22.88	7.68	23.64	7.62	-0.26
2/11/2000	24.38	7.98	23.74	8.03	22.74	7.82	23.67	7.59	0.00
5/30/2000	23.57	8.79	22.97	8.80	21.73	8.83	22.82	8.44	0.86
9/15/2000	23.85	8.51	23.12	8.65	22.14	8.42	23.10	8.16	-0.28
11/16/2000	24.14	8.22	23.40	8.37	22.39	8.17	23.41	7.85	-0.28
4/2/2001	23.40	8.96	23.40	8.37	22.07	8.49	23.33	7.93	0.29
6/28/2001	23.58	8.78	23.17	8.60	22.15	8.41	23.15	8.11	0.04
8/30/2001	24.00	8.36	23.35	8.42	22.35	8.21	23.35	7.91	-0.25
12/26/2001	24.18	8.18	23.54	8.23	22.49	8.07	23.27	7.99	-0.11
4/23/2002	NA	NA	22.89	8.88	21.07	9.49	22.89	8.37	0.82
6/14/2002	23.41	8.95	22.85	8.92	21.80	8.76	22.81	8.45	-0.20
8/20/2002	23.85	8.51	23.11	8.66	22.14	8.42	23.15	8.11	-0.31
12/27/2002	24.10	8.26	23.34	8.43	*NA	*NA	23.41	7.85	-0.24
4/1/2003	23.75	8.61	22.90	8.87	*NA	*NA	23.16	8.10	0.35
7/1/2003	23.50	8.86	22.80	8.97	*NA	*NA	22.75	8.51	0.25
9/24/2003	23.82	8.54	23.15	8.62	22.21	8.35	23.16	8.10	-0.27
12/29/2003	24.07	8.29	23.45	8.32	22.56	8.00	23.47	7.79	-0.30
5/18/2004	23.64	8.72	22.98	8.79	21.85	8.71	22.87	8.39	0.55
6/30/2004	23.64	8.72	23.04	8.73	22.00	8.56	22.43	8.83	0.06
9/23/2004	23.98	8.38	23.32	8.45	22.36	8.20	23.30	7.96	-0.46
12/28/2004	24.07	8.29	28.71	3.06**	22.42	8.14	23.42	7.84	-1.42
3/16/2005	23.80	8.56	23.70	8.07	22.11	8.45	23.60	7.66	1.35
6/23/2005	22.90	9.46	22.40	9.37	21.20	9.36	22.27	8.99	1.11
9/9/2005	23.27	9.09	22.63	9.14	21.68	8.88	22.55	8.71	-0.34
12/2/2005	23.75	8.61	23.03	8.74	22.19	8.37	23.05	8.21	-0.47
3/24/2006	23.05	9.31	22.57	9.20	21.01	9.55	22.50	8.76	0.72
6/29/2006	22.56	9.80	21.93	9.84	20.78	9.78	21.85	9.41	0.50

Note: All measurements shown in feet.
TOC Elev. = top of casing elevation
NM = not monitored
FP = free product
-- = no data collected
NA = not available
* This data not available due to ORC socks stuck in well
** This data is suspect due to probable equipment malfunction or operator error.

Checked DN
Approved SKF

Table 3. Groundwater Monitoring Analytical Results - Using Purge Method
8/1/1991 to 9/29/1999
BPS Reprographic Services Facility
1700 Jefferson Street
Oakland, California

	Date Sampled																								
TPHg (mg/L)	8/1/1991	9/30/1992	3/30/1993	1/13/1994	4/13/1994	6/29/1994	12/8/1994	4/3/1995	6/27/1995	9/19/1995	12/13/1995	3/6/1996	6/11/1996	9/19/1996	12/23/1996	3/27/1997	6/4/1997	9/26/1997	12/23/1997	3/31/1998	6/18/1998	8/28/1998	12/2/1998	3/10/1999	6/30/1999	9/29/1999[1]
MW-1	FP	FP	FP	FP	FP	FP	FP	NA	NA	NA	NA	NA	FP	FP	FP	FP	68	59	41	44	32	26	26	26	18	21
MW-1A	350	FP	FP	FP	170	95	190	67	53	52	62	200	140	100	FP	FP	66	54	73	66	51	50	15	41	10	18	NA
MW-3	74	FP	FP	FP	FP	39	4,600	51	20	6.2	19	7	16	6	FP	FP	85	47	32	32	16	17	3.2	9.6	7.9	5.0	
MW-4	86	FP	FP	FP	58	16	92	35	13	14	11	110	260	95	FP	37	24	41	48	NA	25	48	10	11	8.8	NA	
MW-5	120	51	74	80	63	64	59	51	41	50	45	51	48	48	45	44	35	36	39	48	17	16	15	23	7.7	11	
MW-6	--	--	--	--	--	--	--	--	--	--	--	--	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	
Benzene (µg/L)																											
MW-1	FP	FP	FP	FP	FP	FP	FP	NA	NA	NA	NA	NA	FP	FP	FP	FP	2,200	6,000	6,800	8,300	1,100	8,600	9,200	8,200	7,000	9,200	
MW-1A	17,000	FP	FP	FP	17,000	16,000	13,000	11,000	11,000	8,900	9,900	14,000	18,000	16,000	FP	12,000	11,000	10,000	10,000	9,100	11,000	1,100	8,500	2,300	6,400	NA	
MW-3	1,600	FP	FP	FP	FP	3,200	1,500	1,100	270	70	220	120	170	45	FP	FP	8,500	610	640	690	180	84	39	86	31	120	
MW-4	1,500	FP	FP	FP	1,500	1,300	1,700	1,200	1,300	2,200	630	2,600	6,600	9,900	FP	2,600	2,600	2,900	6,000	NA	2,000	9,700	1,700	2,300	1,800	NA	
MW-5	20,000	13,000	16,000	19,000	14,000	29,000	13,000	15,000	12,000	1,600	13,000	15,000	12,000	12,000	12,000	11,000	8,900	7,900	13,000	10,000	9,500	5,400	8,400	14,000	5,200	9,600	
MW-6	--	--	--	--	--	--	--	--	--	--	--	--	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	
Toluene (µg/L)																											
MW-1	FP	FP	FP	FP	FP	FP	FP	NA	NA	NA	NA	NA	FP	FP	FP	14,000	4,500	3,000	3,000	3,700	3,800	2,300	4,300	5,900	5,800	10,000	
MW-1A	31,000	FP	FP	FP	31,000	21,000	21,000	13,000	9,900	9,200	11,000	22,000	28,000	22,000	FP	15,000	12,000	16,000	16,000	11,000	15,000	830	11,000	1,900	7,800	NA	
MW-3	4,600	FP	FP	FP	FP	2,900	4,200	2,300	550	140	480	170	270	30	FP	FP	13,000	6,000	5,300	3,800	1,500	1,100	85	540	330	340	
MW-4	6,200	FP	FP	FP	2,500	790	4,100	3,400	1,600	2,100	470	3,600	19,000	19,000	FP	6,900	3,200	5,000	11,000	NA	460	11,000	610	2,100	3,000	NA	
MW-5	14,000	5,900	5,000	8,200	3,500	5,400	3,800	2,200	2,100	2,700	2,100	2,800	2,900	4,500	2,200	1,100	560	270	500	400	310	160	120	300	270	710	
MW-6	--	--	--	--	--	--	--	--	--	--	--	--	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	
Ethylbenzene (µg/L)																											
MW-1	FP	FP	FP	FP	FP	FP	FP	NA	NA	NA	NA	NA	FP	FP	FP	FP	1,500	1,600	1,400	1,100	550	730	820	870	950	1,200	
MW-1A	3,000	FP	FP	FP	2,100	1,500	1,400	910	500	710	790	2,700	2,800	2,100	FP	1,400	1,000	1,400	1,400	1,100	870	31	720	1,600	660	NA	
MW-3	670	FP	FP	FP	FP	580	6,000	580	190	68	140	49	68	15	FP	FP	2,400	930	800	870	490	430	25	250	200	230	
MW-4	1,000	FP	FP	FP	520	51	310	280	77	110	14	780	3,700	2,000	FP	540	140	350	580	NA	ND(15)	890	ND(15)	88	150	NA	
MW-5	1,900	1,400	1,800	1,400	1,500	2,800	1,800	2,800	1,400	2,000	16,000	2,000	2,000	2,300	2,700	1,900	1,500	1,500	1,900	2,000	420	1,100	1,500	1,800	1,100	1,100	
MW-6	--	--	--	--	--	--	--	--	--	--	--	--	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.5	ND(0.5)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	
Xylenes (µg/L)																											
MW-1	FP	FP	FP	FP	FP	FP	FP	NA	NA	NA	NA	NA	FP	FP	FP	FP	11,000	8,600	6,600	4,300	3,000	2,100	2,800	3,500	2,500	5,500	
MW-1A	22,000	FP	FP	FP	14,000	12,000	11,000	9,800	6,300	6,800	5,300	22,000	19,000	14,000	FP	100	7,200	8,500	12,000	6,800	5,800	3,000	6,700	2,300	4,100	NA	
MW-3	4,300	FP	FP	FP	FP	4,300	95,000	4,800	1,700	500	1,700	440	1,500	300	FP	FP	16,000	5,900	5,900	5,200	3,700	3,800	360	2,300	1,800	1,300	
MW-4	7,300	FP	FP	FP	3,200	3,400	5,400	5,800	1,800	2,100	1,800	10,000	28,000	13,000	FP	5,500	3,500	4,800	8,200	NA	6,400	5,000	2,300	1,600	2,700	NA	
MW-5	4,900	2,600	2,700	2,700	2,100	4,500	2,900	4,500	1,600	2,100	1,900	2,400	2,700	4,000	6,500	2,800	1,700	1,300	1,700	2,200	850	900	840	1,100	690	1,100	
MW-6	--	--	--	--	--	--	--	--	--	--	--	--	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(0.60)	ND(0.60)	ND(0.60)	ND(0.60)	ND(0.60)	ND(0.60)	
MTBE (µg/L)																											
MW-1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	FP	FP	ND(500)	ND(500)	300	420	ND(50)	ND(50)	ND(50)	ND(50)	ND(25)	ND(250)	
MW-1A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,800	ND(500)	ND(500)	1,900	300	ND(50)	ND(50)	ND(50)	ND(50)	ND(25)	NA	
MW-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	FP	FP	ND(500)	ND(100)	ND(300)	350	ND(25)	ND(50)	ND(50)	ND(25)	ND(25)	10	
MW-4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,400	ND(300)	ND(500)	270	NA	ND(50)	ND(50)	ND(50)	ND(25)	ND(25)	NA	
MW-5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	600	300	ND(100)	ND(500)	ND(1000)	350	ND(10)	ND(50)	ND(50)	ND(50)	ND(25)	ND(100)	
MW-6	--	--	--	--	--	--	--	--	--	--	--	--	NA	NA	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	

TPHg = total petroleum hydrocarbons as gasoline
MTBE = methyl t-butyl ether
(mg/l) milligrams per liter
(µg/l) micrograms per liter

ND = Not detected above the reporting limit in parenthesis
NA = Not analyzed
FP = Free Product - well not sampled
-- = Well did not exist at date indicated

1 A sample was collected on this date both post and pre purge. Sample results collected pre purge are shown on Table 3. Sample results collected post purge are shown on Table 4.

Checked BN
Approved SKP

Table 4. Groundwater Monitoring Analytical Results
BPS Reprographic Services Facility
1700 Jefferson Street
Oakland, California

TPHg (mg/L)		Date Sampled 9/29/1999[6]	11/22/1999	2/11/2000	5/30/2000	9/15/2000	11/16/2000	4/2/2001	6/28/2001	8/30/2001	12/26/2001	4/24/2002	6/14/2002	8/20/2002	12/27/2002	4/1/2003	7/1/2003[5]	9/25/2003[5]	12/29/2003[5]	5/18/2004	6/30/2004	9/23/2004	12/28/2004	3/16/2005	6/23/2005	9/9/2005	12/2/2005	3/24/2006	6/29/2006
	MW-1	14	24	19	19	20	18	19	39	31	34	35	35	26	28	16	61	59	46	23	24	24	22	21	30	7.1	19	29	23
	MW-3	4.1	3.1	0.54	0.49	1.5	1.3	0.17	4.9	3.1	0.95	300	4.6	4.9	4	5.9	12	10	7.3	1.5	2.0	3.4	3.9	0.97	0.85	3.9	0.76	0.59	1.1
	MW-5	10	30	23	19	24	1.8	15	3.6	34	1.9	9.4	1.7	3.2	*6.2	NA[4]	NA[4]	43	26	15	18	42	41	37	27	46	21	ND<10	1.2
	MW-6	ND<0.5	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	0.066	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	0.059	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05
Benzene (µg/L)																													
	MW-1	6,200	4,900	4,100	5,700	4,100	3,500	4,700	5,200	5,600	5,300	4,900	5400	4100	4,500	4,500	7,700	7600	6600	4,100	3,500	3,800	3,400	4,100	5,400	840	3,600	6,200	4,800
	MW-3	180	6.5	8.3	11	28	20	9	150	42	8	11	130	330	110	370	200	150	160	77	81	140	340	1.4	56	470	14	83	130
	MW-5	14,000	11,000	12,000	9,900	3,800	470	7,400	300	8,300	300	2,300	110	320	*2200	NA[4]	NA[4]	12,000	7700	5,000	5,700	12,000	10,000	11,000	7,700	10,000	5900	2800	240
	MW-6	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.30	ND<0.30	ND<0.50	ND<0.50	3.6	ND<0.50	ND<0.50	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Toluene (µg/L)																													
	MW-1	5,900	5,000	4,800	8,400	5,700	4,300	5,200	4,200	5,100	5,200	6,000	6,800	4700	5,300	6000	11,000	9400	7900	4,700	3,600	3,900	3,400	4,200	5,500	950	3,500	6,000	4,000
	MW-3	340	33	20	5.6	14	34	6.2	240	48	5.2	4.8	470	170	280	150	460	300	250	72	37	95	37	1.8	7.3	100	8	41	38
	MW-5	470	3,400	4,500	6,900	3,000	220	3,000	11	3,000	110	130	ND<2.5	8.6	*140	NA[4]	NA[4]	2800	1900	1,300	1,600	3,900	3,800	3,800	1,700	2,700	1500	450	11
	MW-6	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.30	ND<0.30	2.9	ND<0.50	3.6	ND<0.50	ND<0.50	ND<0.50	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Ethylbenzene (µg/L)																													
	MW-1	620	730	530	730	540	640	570	660	560	630	740	870	620	660	680	1200	1000	960	450	390	470	380	470	520	120	410	620	330
	MW-3	130	27	2.4	0.45	2.6	25	1.4	38	26	1.1	0.72	91	40	57	44	130	120	79	19.00	34.0	36	11	0.66	ND<5	33	2.4	7.3	16
	MW-5	1,100	1,500	1,200	1,200	460	39	1000	16	1,400	55	300	7.2	22	*160	NA[4]	NA[4]	1500	910	380	540	1,200	1,000	1,100	680	1,100	600	190	13
	MW-6	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.30	ND<0.30	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Total Xylenes (µg/L)																													
	MW-1	3,500	3,500	2,800	3,500	2,700	3,200	2,600	3,900	2,500	2,400	3,100	3500	2700	3,300	3100	6700	4800	4000	1,500	1,300	1,400	1,400	1,300	1,900	410	1,300	2,000	1,200
	MW-3	580	260	28	17	160	28	8.1	160	210	7	1.4	390	150	260	230	390	280	210	59	40	40	60	2.9	12	96	17	33	21
	MW-5	600	2,500	1,300	2,600	1,200	100	2,200	15	2,600	120	270	ND<2.5	19	*250	NA[4]	NA[4]	3000	210	770	1,200	2,400	2,300	2,400	1,300	2,100	1200	180	18
	MW-6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.60	ND<0.30	2.7	ND<0.50	8.7	ND<0.50	ND<0.50	ND<0.50	ND<0.5	ND<0.5	ND<2.5	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
MTBE (µg/L) (EPA Method 8020)																													
	MW-1	ND<250	ND<100	6.6	ND<5.0[1]	ND<12 [1,2]	ND<40[1,2]	50 [1]	8.5 [1]	ND<100[1,2]	ND<120	ND<120	ND<250	ND<120	ND<120	ND<120	ND<250	ND<1200	ND<250	ND<50	ND<50	[1]ND<25	ND<250	ND<50[1]	ND<1,200	ND<120	ND<2.5	ND<500	ND<500
	MW-3	14	ND<1.0	31	ND<5.0[1]	ND<5 [1]	ND<5 [1]	77 [1]	ND<2 [1]	ND<1.2 [1]	ND<0.50[1]	ND<0.50[1]	ND<0.50[1]	ND<5 [1]	19	ND<1.0[1]	ND<5[1]	ND<2.5[1]	ND<2.5[1]	ND<12	ND<1.0	[1]ND<10	ND<5[1]	ND<2.5	ND<25	ND<62	ND<0.5	ND<12	ND<25
	MW-5	ND<100	ND<100	6.6	ND<200	ND<10 [1,2]	ND<5 [1]	ND<50[1]	4.4 [1]	ND<50[1]	ND<10[1]	ND<50	ND<0.50[1]	ND<0.50[1]	*ND(25)	NA[4]	NA[4]	ND<1200	ND<2.5[1]	ND<50	ND<50	ND<120	ND<250	ND<120	ND<1,200	ND<1,200	ND<500	ND<500	ND<2.5
	MW-6	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	5 [1,3]	17 [1]	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
Ethylene Dichloride (µg/L)																													
	MW-1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	370	ND<120	400	[7]500	360	320	320	260	180	190	240	290	300	280	ND<0.50
	MW-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<12	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	MW-5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	*220	[4]NA	[4]NA	610	410	290	610	670	290	610	190	300	320	330	ND<0.50
	MW-6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

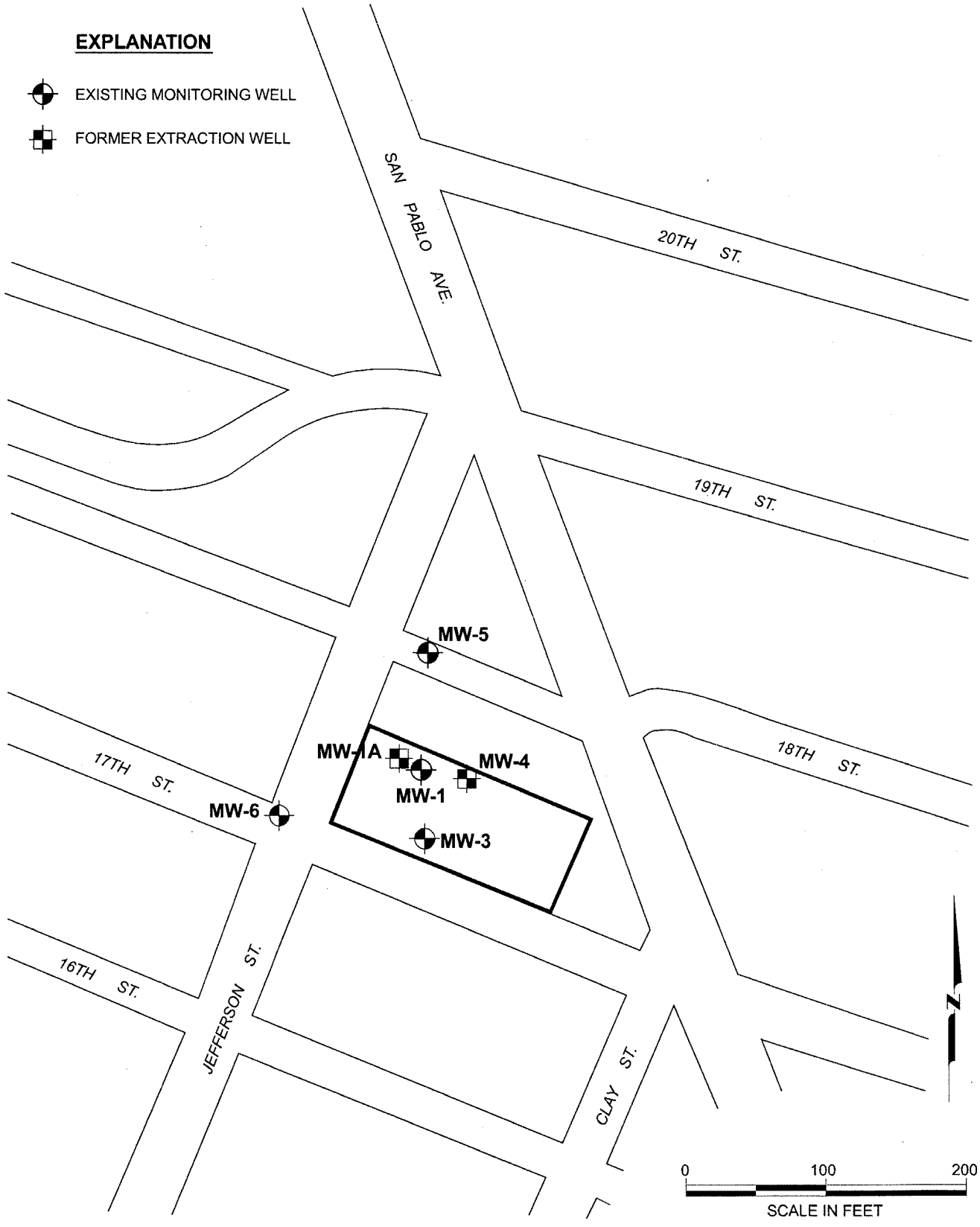
mg/L = milligrams per liter
µg/L = micrograms per liter
ND = Not detected above the reporting limit following the less than sign
NA = Not Available
MTBE = methyl t-butyl ether
NR = Not Requried per ACHCS direction indicating if analyte not detected during 12/27/02 sampling event
then the anayted does not need continued monitoring/MW-1 and MW-5 are the only wells currently sampled for
Ethylene Dichloride (see report text for details)
1 Result of MTBE confirmation by EPA Method 8260.
2 Reporting limits elevated due to matrix interference.
3 Detection limit = 5 ug/L, backup sample analyzed after hold time had a result of ND<5 µg/l.
4 Data from April 1 and July 1, 2003 sampling event not available due to ORC sock obstruction in well (see report for details)
5 Samples collected post purge on this date, all other samples collected without purging (see report for details)
6 A sample was collected on this date both post and pre purge. The sample results collected post purge are shown on Table 3.
7 EDC Detected at same concentration as detection limit.

* = Fourth Quarter 2002 analytical data for MW-5 collected on January 3, 2003

Checked _____

Approved SLP

PLATES

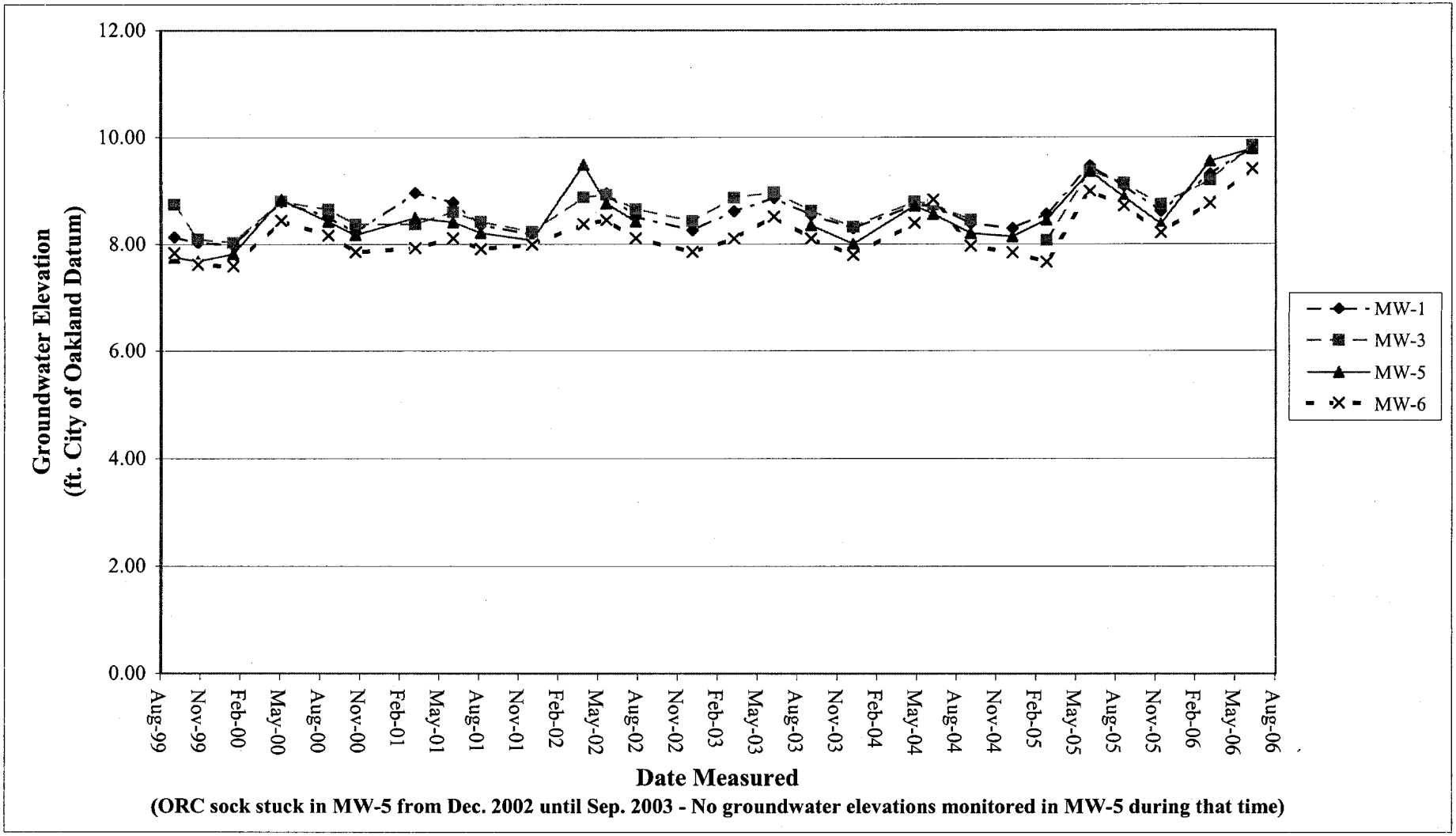


MACTEC

Site Map
Second Quarter 2006
1700 Jefferson Street
BPS Reprographic Services Facility
Oakland, California

PLATE **1**

DRAWN	PROJECT NUMBER	CHECKED	CHECKED DATE	APPROVED	APPROVED DATE
CN	4097041918 01	RSW	8/8/06	SHP	9/27/06



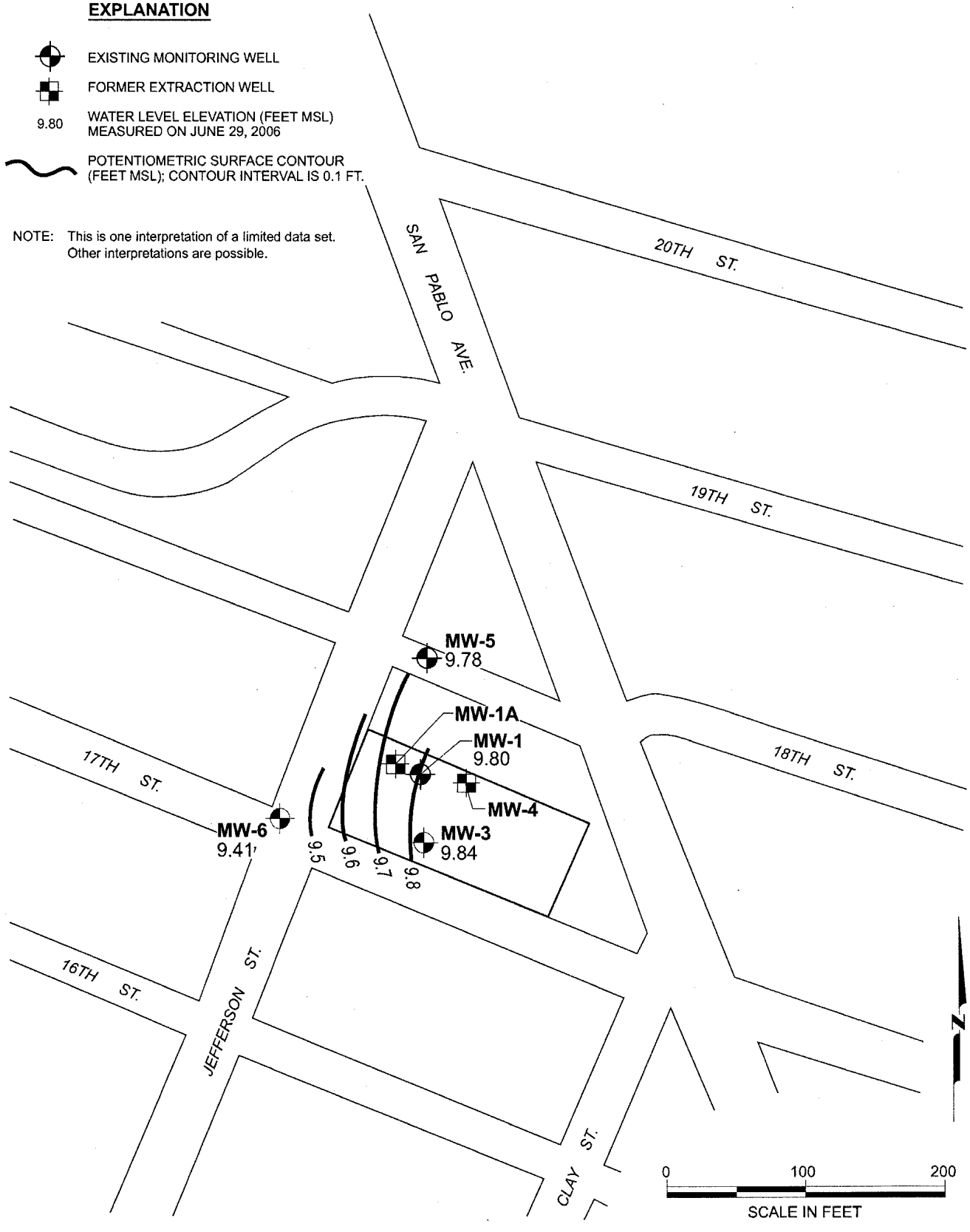
(ORC sock stuck in MW-5 from Dec. 2002 until Sep. 2003 - No groundwater elevations monitored in MW-5 during that time)

MACTEC

Groundwater Elevation Data
Second Quarter 2006
BPS Reprographic Services Facility
1700 Jefferson Steet
Oakland, California

Plate
2

DRAWN	JOB NUMBER	APPROVED	DATE	REVISION DATE
DSN	4097041918	DSV SKC	August-06	8.06

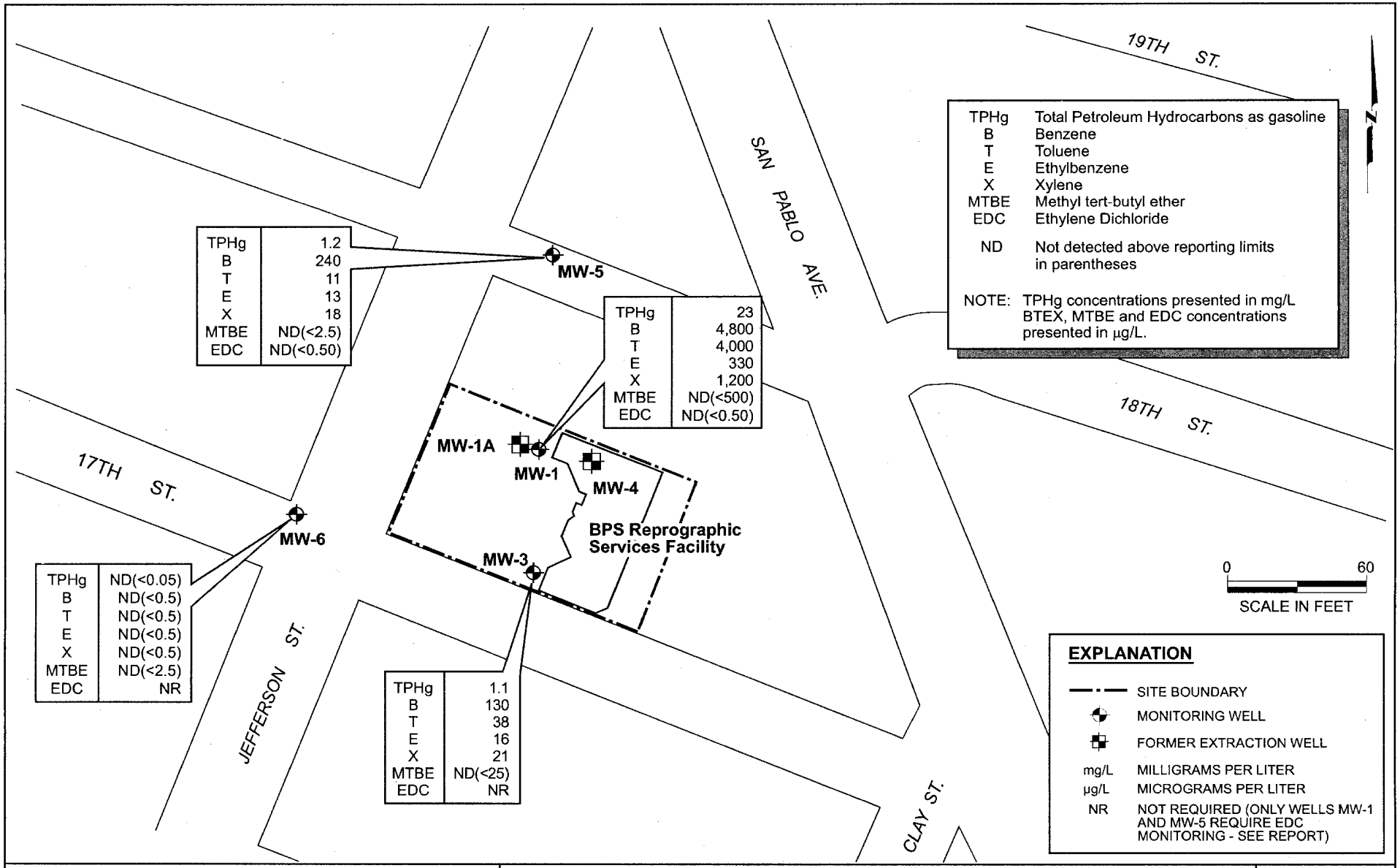


MACTEC

Groundwater Contours
Second Quarter 2006
1700 Jefferson Street
BPS Reprographic Services Facility
Oakland, California

PLATE **3**

DRAWN	PROJECT NUMBER	CHECKED	CHECKED DATE	APPROVED	APPROVED DATE
CN	4097041918 01	BW	8/8/06	SHP	9/06



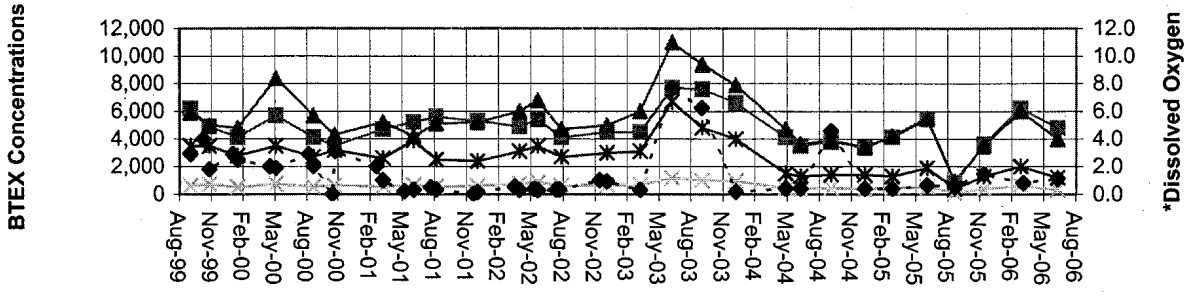
MACTEC

TPHg, BTEX, MTBE and EDC Concentrations in Groundwater
Second Quarter 2006
1700 Jefferson Street
BPS Reprographic Services Facility
Oakland, California

PLATE **4**

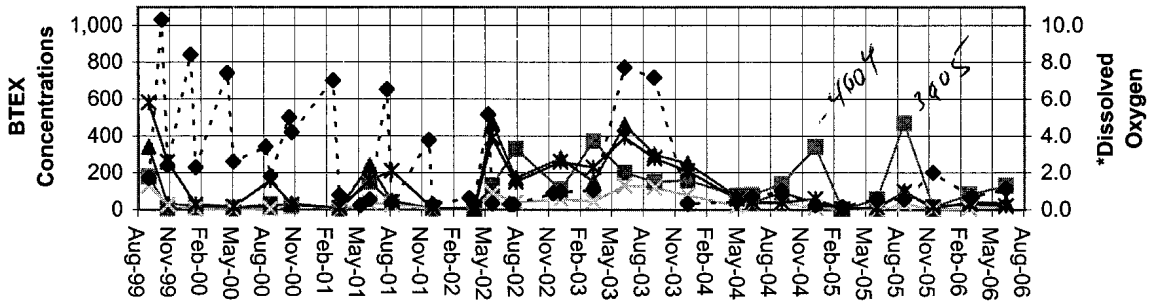
DRAWN	JOB NUMBER	CHECKED	CHECKED DATE	APPROVED	APPROVED DATE
CN	4097041918 01		8/8/06	SKP	9/06

MW-1



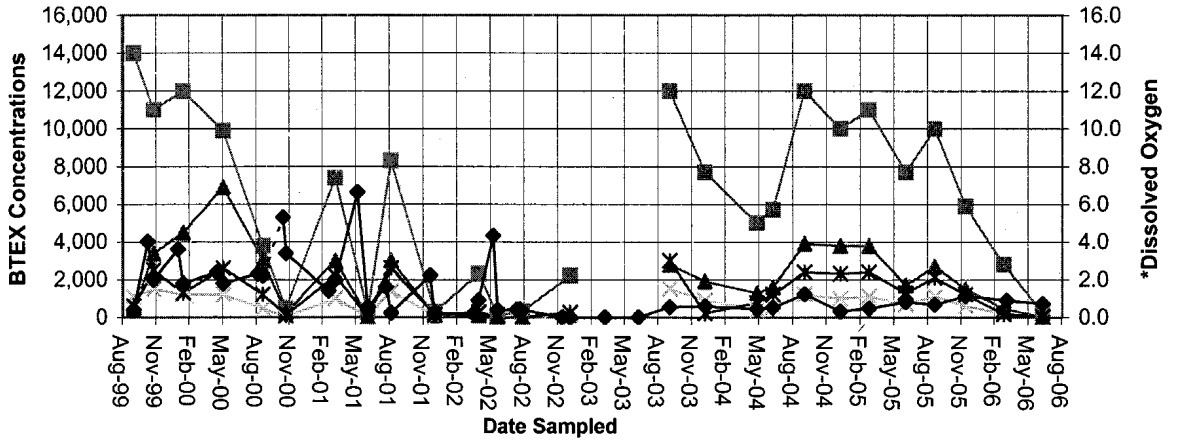
(Samples collected post purge between July 2003 and December 2003, all other samples collected pre-purge. ORC removed after Sept. 2002.)

MW-3



(Samples collected post purge between July 2003 and December 2003, all other samples collected pre-purge. ORC removed after Sept. 2002.)

MW-5



(Samples collected post purge between July 2003 and December 2003, all other samples collected pre-purge. ORC sock stuck in MW-5 for April 2003 and July 2003 sampling events.)

* DO values collected after ORC removal and prior to sampling between Sept. 99 and Sept. 2002.

MACTEC

BTEX and DO Results
Second Quarter 2006
BPS Reprographic Services Facility
1700 Jefferson Steet
Oakland, California

Plate
5

Drawn by	JOB NUMBER	APPROVED	DATE	REVISION DATE
DSN	4097041918	SLP	Aug-06	8-06

APPENDIX A

LABORATORY REPORTS

TestAmerica
ANALYTICAL TESTING CORPORATION

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.testamericainc.com

20 July, 2006

David Nanstad
MACTEC Engineering & Consulting [Petaluma]
5341 Old Redwood Highway, Suite 300
Petaluma, CA 94954

RE: BPS City Blue
Work Order: MPF0983

Enclosed are the results of analyses for samples received by the laboratory on 07/01/06 08:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate # 1210

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MACTEC Engineering & Consulting [Petaluma]	Project: BPS City Blue	MPF0983
5341 Old Redwood Highway, Suite 300	Project Number: 4097041918.01	**Reported:**
Petaluma CA, 94954	Project Manager: David Nanstad	07/20/06 16:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
06264097-4	MPF0983-01	Water	06/29/06 11:00	07/01/06 08:30
06264097-2	MPF0983-02	Water	06/29/06 11:45	07/01/06 08:30
06264097-3	MPF0983-03	Water	06/29/06 12:20	07/01/06 08:30
06264097-1	MPF0983-04	Water	06/29/06 12:55	07/01/06 08:30
06264097-5	MPF0983-05	Water	06/29/06 13:30	07/01/06 08:30

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5341 Old Redwood Highway, Suite 300	Project Number: 4097041918.01	**Reported:**
Petaluma CA, 94954	Project Manager: David Nanstad	07/20/06 16:32

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
06264097-4 (MPF0983-01) Water Sampled: 06/29/06 11:00 Received: 07/01/06 08:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6G10001	07/10/06	07/10/06	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*108 %*		*85-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*		*75-125*	"	"	"	"	
06264097-2 (MPF0983-02) Water Sampled: 06/29/06 11:45 Received: 07/01/06 08:30									
Gasoline Range Organics (C4-C12)	**1100**	500	ug/l	10	6G10001	07/10/06	07/10/06	EPA 8015B/8021B	
Benzene	**130**	5.0	"	"	"	"	"	"	
Toluene	**38**	5.0	"	"	"	"	"	"	
Ethylbenzene	**16**	5.0	"	"	"	"	"	"	
Xylenes (total)	**21**	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*100 %*		*85-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*		*75-125*	"	"	"	"	
06264097-3 (MPF0983-03) Water Sampled: 06/29/06 12:20 Received: 07/01/06 08:30									
Gasoline Range Organics (C4-C12)	**1200**	500	ug/l	10	6G11002	07/11/06	07/11/06	EPA 8015B/8021B	
Benzene	**240**	5.0	"	"	"	"	"	"	
Toluene	**11**	5.0	"	"	"	"	"	"	
Ethylbenzene	**13**	5.0	"	"	"	"	"	"	
Xylenes (total)	**18**	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99 %*		*85-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*		*75-125*	"	"	"	"	

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5341 Old Redwood Highway, Suite 300	Project Number: 4097041918.01	**Reported:**
Petaluma CA, 94954	Project Manager: David Nanstad	07/20/06 16:32

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
06264097-1 (MPF0983-04) Water Sampled: 06/29/06 12:55 Received: 07/01/06 08:30									
Gasoline Range Organics (C4-C12)	**23000**	10000	ug/l	200	6G11002	07/11/06	07/11/06	EPA 8015B/8021B	
Benzene	**4800**	100	"	"	"	"	"	"	
Toluene	**4000**	100	"	"	"	"	"	"	
Ethylbenzene	**330**	100	"	"	"	"	"	"	
Xylenes (total)	**1200**	100	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*85-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		"	"	"	"	

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5341 Old Redwood Highway, Suite 300	Project Number: 4097041918.01	**Reported:**
Petaluma CA, 94954	Project Manager: David Nanstad	07/20/06 16:32

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
06264097-3 (MPF0983-03) Water	**Sampled: 06/29/06 12:20**	**Received: 07/01/06 08:30**							
1,2-Dichloroethane	ND	0.50	ug/l	1	6G11029	07/11/06	07/12/06	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*60-145*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*60-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*	*75-130*		"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*70-130*		"	"	"	"	
06264097-1 (MPF0983-04) Water	**Sampled: 06/29/06 12:55**	**Received: 07/01/06 08:30**							
1,2-Dichloroethane	ND	0.50	ug/l	1	6G11029	07/11/06	07/12/06	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*61 %*	*60-145*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*	*60-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*94 %*	*75-130*		"	"	"	"	
Surrogate: Toluene-d8		*128 %*	*70-130*		"	"	"	"	

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5341 Old Redwood Highway, Suite 300	Project Number: 4097041918.01	**Reported:**
Petaluma CA, 94954	Project Manager: David Nanstad	07/20/06 16:32

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6G10001 - EPA 5030B [P/T] / EPA 8015B/8021B										
Blank (6G10001-BLK1)				Prepared & Analyzed: 07/10/06						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*43.2*		"	*40.0*		*108*	*85-120*			
Surrogate: 4-Bromofluorobenzene	*41.9*		"	*40.0*		*105*	*75-125*			
Laboratory Control Sample (6G10001-BS1)				Prepared & Analyzed: 07/10/06						
Gasoline Range Organics (C4-C12)	259	50	ug/l	275		94	60-115			
Benzene	3.95	0.50	"	4.85		81	45-150			
Toluene	22.7	0.50	"	23.5		97	70-115			
Ethylbenzene	4.45	0.50	"	4.70		95	65-115			
Xylenes (total)	25.3	0.50	"	26.5		95	70-115			
Surrogate: a,a,a-Trifluorotoluene	*43.1*		"	*40.0*		*108*	*85-120*			
Surrogate: 4-Bromofluorobenzene	*44.3*		"	*40.0*		*111*	*75-125*			
Matrix Spike (6G10001-MS1)	**Source: MPG0029-01**			Prepared & Analyzed: 07/10/06						
Gasoline Range Organics (C4-C12)	239	50	ug/l	275	ND	87	60-115			
Benzene	3.82	0.50	"	4.85	ND	79	45-150			
Toluene	22.3	0.50	"	23.5	ND	95	70-115			
Ethylbenzene	4.38	0.50	"	4.70	ND	93	65-115			
Xylenes (total)	24.8	0.50	"	26.5	ND	94	70-115			
Surrogate: a,a,a-Trifluorotoluene	*41.4*		"	*40.0*		*104*	*85-120*			
Surrogate: 4-Bromofluorobenzene	*44.0*		"	*40.0*		*110*	*75-125*			
Matrix Spike Dup (6G10001-MSD1)	**Source: MPG0029-01**			Prepared & Analyzed: 07/10/06						
Gasoline Range Organics (C4-C12)	223	50	ug/l	275	ND	81	60-115	7	20	
Benzene	3.64	0.50	"	4.85	ND	75	45-150	5	25	
Toluene	21.7	0.50	"	23.5	ND	92	70-115	3	20	
Ethylbenzene	4.21	0.50	"	4.70	ND	90	65-115	4	25	
Xylenes (total)	24.2	0.50	"	26.5	ND	91	70-115	2	25	
Surrogate: a,a,a-Trifluorotoluene	*41.7*		"	*40.0*		*104*	*85-120*			
Surrogate: 4-Bromofluorobenzene	*44.0*		"	*40.0*		*110*	*75-125*			

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MACTEC Engineering & Consulting [Petaluma]	Project: BPS City Blue	MPF0983
5341 Old Redwood Highway, Suite 300	Project Number: 4097041918.01	**Reported:**
Petaluma CA, 94954	Project Manager: David Nanstad	07/20/06 16:32

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6G11002 - EPA 5030B [P/T] / EPA 8015B/8021B										
Blank (6G11002-BLK1)				Prepared & Analyzed: 07/11/06						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*43.2*		"	*40.0*		*108*	*85-120*			
Surrogate: 4-Bromofluorobenzene	*40.4*		"	*40.0*		*101*	*75-125*			
Laboratory Control Sample (6G11002-BS1)				Prepared & Analyzed: 07/11/06						
Gasoline Range Organics (C4-C12)	246	50	ug/l	275		89	60-115			
Benzene	3.96	0.50	"	4.85		82	45-150			
Toluene	22.8	0.50	"	23.5		97	70-115			
Ethylbenzene	4.49	0.50	"	4.70		96	65-115			
Xylenes (total)	25.4	0.50	"	26.5		96	70-115			
Surrogate: a,a,a-Trifluorotoluene	*42.7*		"	*40.0*		*107*	*85-120*			
Surrogate: 4-Bromofluorobenzene	*42.9*		"	*40.0*		*107*	*75-125*			
Matrix Spike (6G11002-MS1)	**Source: MPG0006-01**			Prepared & Analyzed: 07/11/06						
Gasoline Range Organics (C4-C12)	298	50	ug/l	275	67	84	60-115			
Benzene	4.43	0.50	"	4.85	0.46	82	45-150			
Toluene	23.7	0.50	"	23.5	ND	101	70-115			
Ethylbenzene	4.55	0.50	"	4.70	ND	97	65-115			
Xylenes (total)	26.7	0.50	"	26.5	ND	101	70-115			
Surrogate: a,a,a-Trifluorotoluene	*44.0*		"	*40.0*		*110*	*85-120*			
Surrogate: 4-Bromofluorobenzene	*43.8*		"	*40.0*		*110*	*75-125*			
Matrix Spike Dup (6G11002-MSD1)	**Source: MPG0006-01**			Prepared & Analyzed: 07/11/06						
Gasoline Range Organics (C4-C12)	301	50	ug/l	275	67	85	60-115	1	20	
Benzene	4.43	0.50	"	4.85	0.46	82	45-150	0	25	
Toluene	23.8	0.50	"	23.5	ND	101	70-115	0.4	20	
Ethylbenzene	4.60	0.50	"	4.70	ND	98	65-115	1	25	
Xylenes (total)	26.6	0.50	"	26.5	ND	100	70-115	0.4	25	
Surrogate: a,a,a-Trifluorotoluene	*43.0*		"	*40.0*		*108*	*85-120*			
Surrogate: 4-Bromofluorobenzene	*43.8*		"	*40.0*		*110*	*75-125*			

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5341 Old Redwood Highway, Suite 300	Project Number: 4097041918.01	**Reported:**
Petaluma CA, 94954	Project Manager: David Nanstad	07/20/06 16:32

Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6G11029 - EPA 5030B P/T / EPA 8260B										
Blank (6G11029-BLK1)				Prepared & Analyzed: 07/11/06						
1,2-Dichloroethane	ND	0.50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.94*		"	*2.50*		*118*	*60-145*			
Surrogate: 4-Bromofluorobenzene	*2.03*		"	*2.50*		*81*	*60-115*			
Surrogate: Dibromofluoromethane	*2.72*		"	*2.50*		*109*	*75-130*			
Surrogate: Toluene-d8	*2.24*		"	*2.50*		*90*	*70-130*			
Laboratory Control Sample (6G11029-BS1)				Prepared & Analyzed: 07/11/06						
1,2-Dichloroethane	12.0	0.50	ug/l	10.0		120	75-125			
Surrogate: 1,2-Dichloroethane-d4	*2.74*		"	*2.50*		*110*	*60-145*			
Surrogate: 4-Bromofluorobenzene	*2.47*		"	*2.50*		*99*	*60-115*			
Surrogate: Dibromofluoromethane	*2.60*		"	*2.50*		*104*	*75-130*			
Surrogate: Toluene-d8	*2.53*		"	*2.50*		*101*	*70-130*			
Laboratory Control Sample (6G11029-BS2)				Prepared & Analyzed: 07/11/06						
1,2-Dichloroethane	17.4	0.50	ug/l	14.7		118	75-125			
Surrogate: 1,2-Dichloroethane-d4	*2.59*		"	*2.50*		*104*	*60-145*			
Surrogate: 4-Bromofluorobenzene	*2.47*		"	*2.50*		*99*	*60-115*			
Surrogate: Dibromofluoromethane	*2.46*		"	*2.50*		*98*	*75-130*			
Surrogate: Toluene-d8	*2.47*		"	*2.50*		*99*	*70-130*			
Matrix Spike (6G11029-MS1)	**Source: MPF0957-02**			Prepared: 07/11/06 Analyzed: 07/12/06						
1,2-Dichloroethane	12.4	0.50	ug/l	10.0	ND	124	75-125			
Surrogate: 1,2-Dichloroethane-d4	*2.80*		"	*2.50*		*112*	*60-145*			
Surrogate: 4-Bromofluorobenzene	*2.44*		"	*2.50*		*98*	*60-115*			
Surrogate: Dibromofluoromethane	*2.67*		"	*2.50*		*107*	*75-130*			
Surrogate: Toluene-d8	*2.46*		"	*2.50*		*98*	*70-130*			
Matrix Spike Dup (6G11029-MSD1)	**Source: MPF0957-02**			Prepared: 07/11/06 Analyzed: 07/12/06						
1,2-Dichloroethane	12.5	0.50	ug/l	10.0	ND	125	75-125	0.8	10	
Surrogate: 1,2-Dichloroethane-d4	*2.76*		"	*2.50*		*110*	*60-145*			
Surrogate: 4-Bromofluorobenzene	*2.49*		"	*2.50*		*100*	*60-115*			
Surrogate: Dibromofluoromethane	*2.65*		"	*2.50*		*106*	*75-130*			
Surrogate: Toluene-d8	*2.48*		"	*2.50*		*99*	*70-130*			

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MACTEC Engineering & Consulting [Petaluma]	Project: BPS City Blue	MPF0983
5341 Old Redwood Highway, Suite 300	Project Number: 4097041918.01	**Reported:**
Petaluma CA, 94954	Project Manager: David Nanstad	07/20/06 16:32

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

MACTEC

5341 Old Redwood Highway
Suite 300
Petaluma, CA 94954
(707) 793-3800

CHAIN OF CUSTODY FORM

Seq. No.: № 2049

Samplers: Anthony S. Doolet

Lab: Sequia

Job Number: 409704191B-01

Name/Location: BPS / City Blue

Project Manager: David Nanstad

Recorder: (Signature Required)

MATRIX			# CONTAINERS & PRESERV.				SAMPLE NUMBER		DATE				STATION DESCRIPTION	
Water	Soil	Air	Unpres.	H2SO4	HNO3	HCL	YR	SEQ	YR	MO	DAY	TIME		DEPTH
X						3	06	264097-4	06	06	29	1100	-01	
X						3	06	264097-2	06	06	29	1145	-02	
X						6	06	264097-3	06	06	29	1220	-03	
X						6	06	264097-1	06	06	29	1255	-04	
X						1	06	264097-5	06	06	29	1330	-05	

MPF0983

ANALYSIS REQUESTED

TPHg 8015	BTEX 8020	MTBE 8020 *	Ethylene Dichloride
X	X	X	
X	X	X	
X	X	X	X
X	X	X	X
X	X	X	

1400 6.29.06

ADDITIONAL INFORMATION

SAMPLE NUMBER: YR 06, SEQ 264097-5

TURNAROUND TIME/ REMARKS:

Standard TAT

*MTBE to be confirmed using EPA Method 8260

Hold Sample

CHAIN OF CUSTODY RECORD

	(Print Name)	(Company)	Date/Time
Relinquished By (Signature)	Anthony S Doolet	MACTEC	6-29-06 1435
Received By (Signature)	GAIL HERRMANN	SEQUOIA	6/29/06 1435
Relinquished By (Signature)	GAIL HERRMANN	TestAmerica	7/1/06 1033
Received By (Signature)	ERICA HARLEY	SA.	7/1/06 8°C
Relinquished By (Signature)			
Received By (Signature)			

Method of Shipment:

Laboratory Copy Project Office Copy Field or Office Copy

APPENDIX B

GROUNDWATER SAMPLING FORM

Table B1. Sample Location/Sample Description Cross-Reference
BPS Reprographic Services Facility
1700 Jefferson Street
Oakland, California

Well/Sample Number	Sample ID
MW-1	6264097-1
MW-3	6264097-2
MW-5	6264097-3
MW-6	6264097-4

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GROUNDWATER SAMPLING FORM

Job Name: BPS
Job Number: 4097041918.01
Recorded By: [signature] (Signature)

Well Number: MW-1
Well Type: [X] Monitor [ ] Extraction [ ] Other ___ ; [X] PVC [ ] St. Steel [ ] Other ___
Date: 6/29/2006
Sampled By: [initials] (initials)
Reviewed by ____

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches): ~~2~~ 4"
Total Depth of Casing (TD in ft BTOC): 33.5
Water Level Depth (WL in ft BTOC): 22.56
No. of Well Volumes to be purged (# V 3

Screen Interval = 22-32 ft.

PURGE METHOD

[ ] Bailer - Type:
[ ] Submersible - Type:
[X] Other - Type: Micro Purge

PUMP INTAKE SETTING

[ ] Near Bottom [ ] Near Top
[X] Other Middle of screen
Depth in feet (BTOC):
Screen Interval in feet (BTOC): from ____ to ____

PURGE VOLUME CALCULATION

(____ - ____) X ____ ² X 3 X 0.0408 = ____ gals
TD (feet) WL (Feet) D (inches) # V Calculated Purge Volume

Field Parameter Measurement

Minutes	pH	Conductivity (µS)	Temp. [X] °C [ ] °F	Turbidity (NTU)
~~Initial~~ Lt	6.47	1113	20.7	44.7
[illegible]				
Meter S/N				

PURGE TIME

Purge Start: 1245
Purge Stop: 1250
Elapsed: 5

PURGE RATE

GPM: ____
GPM: ____

PURGE VOLUME

Volume: 1 LTR gallons
D.O. 1.12 Redox 202

Observations During Purging (Well Condition, Color, Odor):
Water Grey in Color Strong Odor of Product

Discharge Water Disposal: [ ] Sanitary Sewer [ ] Storm Sewer [ ] Other 55 Gal. drum on site

WELL SAMPLING

[ ] Bailer - Type: Micro Purge
Sample Time: 1255

Sample No.	Volume/Cont.	Analysis Requested	Preservatives	Lab	Comments
0626097-1	6 VOA's	T.P.H gas (8015 Modified)	HCL	Sequoia	
↓		BTEX (8020)			
		MTBE (8020)			
		Ethylene Dichloride			

QUALITY CONTROL SAMPLES

Duplicate Samples

Original Sample No.	Dupl. Sample No.

Blank Samples

Type	Sample No.

Other Samples

Type	Sample No.

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GROUNDWATER SAMPLING FORM

Job Name: BPS
Job Number: 4097041918.01
Recorded By: [signature] (Signature)

Well Number: MW-3
Well Type: [ ] Monitor [ ] Extraction [ ] Other ___ [ ] PVC [ ] St. Steel [ ] Other ___
Date: 6/ 29/2006
Sampled By: [initials] (initials)

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches): 4
Total Depth of Casing (TD in ft BTOC): 31
Water Level Depth (WL in ft BTOC): 20.78
No. of Well Volumes to be purged (# V 3

Screen Interval = 22-32 ft.

PURGE METHOD

[ ] Bailer - Type:
[ ] Submersible - Type:
[X] Other - Type: Micro Purge

PUMP INTAKE SETTING

[ ] Near Bottom [ ] Near Top
[X] Other Middle of screen
Depth in feet (BTOC):
Screen Interval in feet (BTOC): from ____ to ____

PURGE VOLUME CALCULATION

(_____ - _____) X ___ ² X 3 X 0.0408 = _____ gals
TD (feet) WL (Feet) D (inches) # V Calculated Purge Volume

Field Parameter Measurement

~~LTR~~ ~~Minutes~~	pH	Conductivity (µS)	Temp. [x] °C [ ] °F	Turbidity (NTU)
~~Initial~~ 4HR	6.10	658	20.1	24.8
Meter S/N				

PURGE TIME

Purge Start: 1135
Purge Stop: 1190
Elapsed: 5

PURGE RATE

GPM:
GPM:

PURGE VOLUME

Volume: 1 Lts ~~gallons~~

D.O. 1.12 Redox -182

Observations During Purging (Well Condition, Color, Odor):
Water Clear Strong odor

Discharge Water Disposal: [ ] Sanitary Sewer [ ] Storm Sewer [ ] Other 55 Gal. drum on site

WELL SAMPLING

[ ] Bailer - Type: Micro Purge
Sample Time: 1145

Sample No.	Volume/Cont.	Analysis Requested	Preservatives	Lab	Comments
0626097-2	3 VOA's	T.P.H gas (8015 Modified)	HCL	Sequoia	
↓		BTEX (8020)			
		MTBE (8020)			

QUALITY CONTROL SAMPLES

Duplicate Samples	
Original Sample No.	Dupl. Sample No.

Blank Samples	
Type	Sample No.

Other Samples	
Type	Sample No.

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GROUNDWATER SAMPLING FORM

Job Name: BPS
Job Number: 4097041918.01
Recorded By: [signature] (Signature)

Well Number: MW-5
Well Type: [X] Monitor [ ] Extraction [ ] Other ___
[X] PVC [ ] St. Steel [ ] Other ___
Date: 6/29/2006
Sampled By: [initials] (initials)

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches): 2
Total Depth of Casing (TD in ft BTOC): 33.5
Water Level Depth (WL in ft BTOC): 20.78
No. of Well Volumes to be purged (# V 3

Screen Inteval = 19-39

PURGE METHOD

[ ] Bailer - Type:
[ ] Submersible - Type:
[X] Other - Type: Micro Purge

PUMP INTAKE SETTING

[ ] Near Bottom [ ] Near Top
[X] Other Middle of screen
Depth in feet (BTOC):
Screen Interval in feet (BTOC): from ____ to ____

PURGE VOLUME CALCULATION

(_____ - _____) X ___ ² X 3 X 0.0408 = _____ gals
TD (feet) WL (Feet) D (inches) # V Calculated Purge Volume

Field Parameter Measurement

~~1 Ltr~~ ~~Minutes~~	pH	Conductivity (µS)	[x] °C Temp. [ ] °F	Turbidity (NTU)
~~Initial~~ 1 Ltr	7.26	795	21.8	24.8
Meter S/N				

PURGE TIME

Purge Start: 1210
Purge Stop: 1215
Elapsed: 5

PURGE RATE

GPM: 1 LTR
GPM: _____

PURGE VOLUME

Volume: 1 LTR gallons
D.O. 0.72 Redox 151

Observations During Purging (Well Condition, Color, Odor):
Water Clear Strong odor of Product

Discharge Water Disposal: [ ] Sanitary Sewer
[ ] Storm Sewer [ ] Other 55 Gal. drum on site

WELL SAMPLING

[ ] Bailer - Type: Micro Purge
Sample Time: 1220

Sample No.	Volume/Cont.	Analysis Requested	Preservatives	Lab	Comments
06264097-3	6 VOA's	T.P.H gas (8015 Modified)	HCL	Sequoia	
↓		BTEX (8020)			
		MTBE (8020)			
		Ethylene Dichloride			

QUALITY CONTROL SAMPLES

Duplicate Samples	
Original Sample No.	Dupl. Sample No.

Blank Samples	
Type	Sample No.

Other Samples	
Type	Sample No.

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GROUNDWATER SAMPLING FORM

Well Number: MW-6

Well Type: [X] Monitor [ ] Extraction [ ] Other ___ [X] PVC [ ] St. Steel [ ] Other ___

Job Name: BPS

Job Number: 4097041918.01

Date: 6/29/2006

Recorded By: _____ (Signature)

Sampled By: _____ (initials)

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches): 2
Total Depth of Casing (TD in ft BTOC): 32.5
Water Level Depth (WL in ft BTOC): 21.85
No. of Well Volumes to be purged (# V 3

No Construcion logs

PURGE METHOD

[ ] Bailer - Type:
[ ] Submersible - Type:
[X] Other - Type: Micro Purge

PUMP INTAKE SETTING

[ ] Near Bottom [ ] Near Top
[X] Other Middle of screen
Depth in feet (BTOC):
Screen Interval in feet (BTOC): from ____ to ____

PURGE VOLUME CALCULATION

(_____ - _____) X ___ ² X 3 X 0.0408 = _____ gals

TD (feet) WL (Feet) D (inches) # V Calculated Purge Volume

Field Parameter Measurement

~~L+R~~ ~~Minutes~~	pH	Conductivity (µS)	Temp. [X] °C [ ] °F	Turbidity (NTU)
~~Initial~~ 1LTR	6.99	932	22.3	806
Meter S/N				

PURGE TIME

Purge Start: 1050
Purge Stop: 1055
Elapsed: 5

PURGE RATE

GPM: 1LTR
GPM: _____

PURGE VOLUME

Volume: 1 LTR gallons

D.O. 1.19 Redox 006

Observations During Purging (Well Condition, Color, Odor):

Started Dark Brown then got clear No odor.

Discharge Water Disposal: [ ] Sanitary Sewer [ ] Storm Sewer [ ] Other 55 Gal. drum on site

WELL SAMPLING

[ ] Bailer - Type: Micro Purge Sample Time: 1100

Sample No.	Volume/Cont.	Analysis Requested	Preservatives	Lab	Comments
06264097-4	3 VOA's	T.P.H gas (8015 Modified)	HCL	Sequoia	
↓		BTEX (8020)			
		MTBE (8020)			

QUALITY CONTROL SAMPLES

Duplicate Samples	
Original Sample No.	Dupl. Sample No.

Blank Samples	
Type	Sample No.

Other Samples	
Type	Sample No.

Groundwater Monitoring Data Sheet

City Blue
1700 Jefferson Street
Oakland, CA

Well Number	Date	Time	Water Depth First Reading (TOC)	Water Depth Second Reading (TOC)	Cap	Lock	Casing	Box/Lid	Well Diameter	Comments
MW-1	6.29.06	1020	22.56	22.56	Y	—	OK	OK	4"	
MW-3	↓	0945	21.93	21.93	Y	—	OK	OK	4"	
MW-5		0959	20.78	20.78	Y	—	OK	OK	2"	
MW-6		0930	21.85	21.85	Y	G	OK	OK	2"	
MW-1A		1016	20.99	20.99	Y	—	OK	OK	4"	
MW-4	↓									

Please record all monitoring equipment model numbers, serial numbers and calibration dates here. Also record expiration dates of calibration fluids if applicable:

pH: Oscion SA 230 SN# 4717 6.29.06

Temperature: YSI 30 SN# 97D0953 6.29.06

Specific Conductance: YSI 30 SN# 97D0953 6.29.06

Dissolved Oxygen: YSI 55 SN# 01D0873 6.29.06

Turbidity: Hach 2100P SN# 920300000714 6.29.06