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Alameda County
Environmental Health

1/6/2011

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

Re: Semi-Annual Ground Water Monitoring Report September 2010
BPS Reprographics
ACEH Case # RO151
1700 Jefferson
Oakland, CA

Dear Ms. Jakub

I have directed ERS 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 ERS and I have 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,

Director of Operations

For David Blain
President

Attachment: Report

January 4, 2011

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

RE: Semi-Annual Ground Water Monitoring Report, September 2010
1700 Jefferson Street, Oakland, California
Fuel Leak Case No. RO 151
ERS Project No. 1015-01.00

Dear Mr. Blain:

Environmental Risk Specialties Corporation (ERS) has enclosed one hard copy of the Semi-Annual Ground Water Monitoring Report, September 2010 for 1700 Jefferson Street, Oakland, California. ERS will also upload the Report along with monitor well sampling and analytical data to the Regional Water Quality Control Board's GeoTracker database.

If you have any questions regarding this report or the findings of the work, please contact me at (925) 938-1600, extension 102 or email me at smichelson@erscorp.us.

Sincerely,

Steven Michelson, PG
Principal Geologist

cc: Ms. Barbara Jakub, Alameda County Health Care Services Agency

Enclosure

SEMI-ANNUAL GROUND WATER MONITORING REPORT SEPTEMBER 2010

BPS REPROGRAPHICS
1700 Jefferson Street
Oakland, California

Environmental Risk Specialties Corporation

SEMI-ANNUAL
GROUND WATER MONITORING REPORT
SEPTEMBER 2010

1700 Jefferson Street
Oakland, California

Prepared for:
Mr. David Blain
BPS Reprographic Services
945 Bryant Street
San Francisco, CA 94103

Prepared by:
Environmental Risk Specialties Corporation
Walnut Creek, California

January 4, 2011

Reviewed By: _____
Steven Michelson, PG
Principal Geologist

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1.0 INTRODUCTION

This Semi-Annual Ground Water Monitoring Report was prepared by Environmental Risk Specialties Corporation (ERS) on behalf of BPS Reprographic Services. This Report describes ground water monitoring work performed at 1700 Jefferson Street, Oakland, California (Site). The project objectives were to sample and analyze ground water from four existing monitor wells, measure the depth to ground water in all existing wells in order to calculate ground water gradient and flow direction, evaluate analytical results, and report the findings.

2.0 BACKGROUND

The Site is located on the northeast corner of the intersection of Jefferson Street and 17th Street in Oakland, California. The Site is a former gas station that had two 1,000 gallon gasoline underground storage tanks (USTs) and one 550 gallon waste oil UST. On February 20, 1987, three borings (Borings 1 through 3) were advanced for a geotechnical investigation. Two additional borings (Borings 4 and 5) were advanced near the former USTs. Contamination was found in soil down to the water table. On June 16, 1987, three gasoline USTs were removed from the Site and a suspected unauthorized release was confirmed. The product lines and dispensers were removed, overexcavated, and backfilled without confirmation sampling. Soil was excavated to approximately 9.5 feet, which was the maximum reach of the excavation equipment. The soil was stockpiled and then spread out for aeration. The excavation was subsequently backfilled on August 5 and 6, 1987 with the aerated soil.

Three ground water monitor wells were installed in June 1987 (MW-1 to MW-3) and well MW-1 initially contained 30 inches of free-phase floating product (free product). Well MW-2 was subsequently destroyed on November 9, 1987 when the current building was constructed. On August 12, 1987, Boring 6 was advanced in order to investigate soil permeability. In January 1988, ground water extraction wells MW-1A and MW-4 were installed to specifically remove free product. In August 1988, offsite well MW-5 was installed.

Free product was removed from well MW-1 on a daily basis yielding an estimated 2,300 gallons of free product from September 1987 to March 1991. A ground water extraction and treatment system was installed in June 1992 and by July 1999, the system removed an additional 867 gallons of free product. In April 1996, well MW-6 was installed and five Cone Penetrometer Test (CPT) borings both south of the Site and north of well MW-5 were advanced in March 1995. In April 1998, analyses showed the free product

was comprised of leaded gasoline. Measurable thickness free product has not been observed in the wells since 1999.

In 1999, oxygen release compound (ORC®) socks were placed in wells MW-1A, MW-3, MW-4, and MW-5. The ORC® socks were removed at the request of Alameda County Department of Environmental Health in 2002.

Quarterly ground water monitoring of wells MW-1, MW-3, MW-5, and MW-6 has been conducted since January 1994. Ground water extraction wells MW-1A and MW-4 were periodically sampled from August 1991 to June 1999.

All monitor wells were previously surveyed on the City of Oakland datum, which has been found to have a discrepancy of -5.7 feet from NAVD88, the standard national datum. On April 15, 2010, all monitor wells were resurveyed by Muir Consulting of Oakdale, California to Geotracker specifications on the NAVD88 datum.

2.1 Subsurface Conditions

Boring logs indicate that silty sand and clayey sand are present from the surface to a depth of approximately 27.0 to 30.5 feet below ground surface (bgs). Sand was reported in well MW-4 from approximately 27.0 to 30.5 feet bgs. These soils are underlain by stiff to very stiff, saturated silty clays to the maximum explored depth of 33.0 feet bgs. Ground water was encountered at approximately 25.0 feet bgs.

3.0 GROUND WATER MONITORING AND SAMPLING

Ground water monitoring and sampling of the Site was performed on September 8, 2010 by ERS personnel. Work at the Site included measuring depth to water, subjectively evaluating the possible presence of petroleum in ground water in the wells, purging and sampling the wells using EPA approved low-flow techniques, and submitting the samples to a state-certified laboratory for analysis.

Ground water elevation data are summarized in Table 1, gradient data are summarized in Table 2, and analytical data are summarized in Table 3.

3.1 Ground Water Monitoring

Before ground water purging and sampling, the depth to the water table was measured from the top of each well casing using an electronic water level meter. The water level

measurements were recorded to the nearest 0.01 foot with respect to mean sea level (MSL). Field sheets of recently recorded ground water monitoring data are included in Appendix A. Information regarding well elevations and depth to ground water at the Site is summarized in Table 1.

3.2 Ground Water Gradient

Ground water elevation contours based on ground water elevations measured on September 8, 2010, are illustrated on Figure 3 and reveal a ground water gradient direction to the west-southwest at an average of 0.002 foot per foot. Historical ground water gradients and flow directions are summarized in Table 2.

3.3 Ground Water Sampling

Before ground water sampling, each well was purged using EPA approved low-flow techniques summarized in the "Low-Flow (Minimal Drawdown) Ground Water Sampling Procedures" (EPA, 1996). Dedicated tubing, attached to a peristaltic pump, was lowered to the mid-point of the reported screen zone. The pump was set to a rate of less than 1 liter per minute and pH, dissolved oxygen (DO), specific conductance (SC), oxidation reduction potential (ORP), depth to water (DTW) and temperature were measured in three to five minute intervals within a flow-through cell. When depth to water remained constant and parameters were stabilized to within ±10% in consecutive readings, the pump rate was reduced, the tube was disconnected from the flow-through cell and samples were collected directly from the dedicated tubing. Ground water conditions monitored during purging and sampling were recorded on field sheets, included in Appendix A.

From each monitor well, four laboratory-supplied 40-milliliter HCL-preserved sample vials were filled with ground water and sealed with zero headspace. Once filled, sample vials were inverted and tapped to test for air bubbles. Sample containers were labeled and stored in a pre-chilled, insulated container and returned to ERS's Walnut Creek office where they were stored at 4°C. The samples were transported to AccuTest, a state-certified analytical laboratory, following standard COC protocols for the requested analyses.

Water purged during the development and sampling of the monitor wells is being temporarily stored onsite in a 55-gallon drum pending laboratory analysis and proper disposal.

4.0 RESULTS OF GROUND WATER SAMPLING

Ground water samples collected from wells MW-1, MW-3, MW-5, and MW-6 were analyzed for gasoline-range petroleum hydrocarbons (TPHg), benzene, toluene, ethylbenzene, total xylenes (BTEX), and methyl tertiary butyl ether (MTBE) by EPA Method 8260B. Copies of the chain of custody record and laboratory analytical reports are included as Appendix B. TPHg, BTEX, and MTBE analytical results are summarized in Table 3.

5.0 DISCUSSION

The available data collected at 1700 Jefferson Street indicates that ground water has been affected by the site activities that occurred there historically. Ground water use as a potential drinking source in this area is highly unlikely due to site location and the high quality public drinking water supplied by EBMUD. In Table 3, the concentrations of petroleum hydrocarbons in the ground water are compared with the Environmental Screening Levels (ESLs) for ground water that is not a potential drinking water source published in 2008 by the San Francisco Bay Regional Water Quality Control Board (RWQCB-SF).

Chart 1 depicts the trend of TPHg in the monitor wells MW-1, MW-3, and MW-5 over time. Recent sampling reveals that concentrations of TPHg in all three monitor wells have decreased since the previous sampling event. Chart 2 depicts the trend of benzene in the monitor wells MW-1, MW-3, and MW-5 over time. Concentrations of benzene have increased in MW-3 in the most recent sampling event while concentrations of benzene have decreased in MW-1 and MW-5 with the most recent sampling event. The most downgradient well, MW-6, did not contain TPHg, BTEX, or MTBE above the reporting limit; this is consistent with prior results. Figures 4 and 5 depict the distribution of TPHg and benzene in ground water.

6.0 SUMMARY

Based on the results of ground water monitoring performed at 1700 Jefferson Street:

- Ground water gradient direction is to the southwest at an average of 0.002 feet per foot and continues to be consistent with historical trends and regional topography;

- Silty sand and clayey sand are present from the surface to a depth of approximately 27.0 to 30.5 feet below ground surface;

- Concentrations of TPHg decreased in wells MW-1, MW-3, and MW-5 and concentrations of benzene decreased in wells MW-1 and MW-5 and increased in MW-3.

- Consistent with recent trends, no detectable TPHg and BTEX concentrations were reported in downgradient well MW-6.

- Although concentrations have fluctuated recently, the plume appears stable.

TABLES

Table 1
GROUND WATER ELEVATIONS
1700 Jefferson Street, Oakland, California

Well ID	MW-1		MW-1A		MW-3		MW-4		MW-5		MW-6	
Top of Casing (ft above MSL)	36.81		35.25		36.23		36.77		35.21		35.91	
Date	DTW (ft bgs)	GWE (ft bgs)	DTW (ft bgs)	GWE (ft bgs)	DTW (ft bgs)	GWE (ft bgs)	DTW (ft bgs)	GWE (ft bgs)	DTW (ft bgs)	GWE (ft bgs)	DTW (ft bgs)	GWE (ft bgs)
7/8/1987	25.75	5.69	--	--	25.50	6.27	--	--	--	--	--	--
7/12/1989	26.00	5.44	--	--	24.44	7.33	--	--	24.91	4.31	--	--
Data not available from 1990 to 1995												
3/6/1996	NS	--	--	--	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
9/19/1996	FP	--	--	--	26.09	5.68	--	--	24.48	6.08	25.76	5.50
12/23/1996	FP	--	--	--	FP	---	--	--	24.83	5.73	25.88	5.38
3/27/1997	FP	--	--	--	FP	---	--	--	23.82	6.74	24.78	6.48
6/4/1997	26.41	5.95	--	--	25.11	6.66	--	--	23.92	6.64	24.60	6.66
9/26/1997	26.80	5.56	--	--	25.41	6.36	--	--	24.29	6.27	24.80	6.46
12/22/1997	26.00	6.36	--	--	24.91	6.86	--	--	24.02	6.54	24.71	6.55
3/31/1998	26.06	6.30	--	--	24.05	7.72	--	--	22.78	7.78	23.75	7.51
6/18/1998	25.60	6.76	--	--	23.71	8.06	--	--	22.51	8.05	23.22	8.04
8/28/1998	25.45	6.91	--	--	23.70	8.07	--	--	22.74	7.82	22.23	9.03
12/2/1998	24.92	7.44	--	--	23.60	8.17	--	--	23.16	7.40	23.72	7.54
3/10/1999	24.90	7.46	--	--	22.65	9.12	--	--	22.82	7.74	23.54	7.72
6/30/1999	25.53	6.83	--	--	23.07	8.70	--	--	22.41	8.15	23.04	8.22
9/29/1999	24.23	8.13	--	--	23.03	8.74	--	--	22.81	7.75	23.42	7.84
11/22/1999	24.33	8.03	--	--	23.68	8.09	--	--	22.88	7.68	23.64	7.62
2/11/2000	24.38	7.98	--	--	23.74	8.03	--	--	22.74	7.82	23.67	7.59
5/30/2000	23.57	8.79	--	--	22.97	8.80	--	--	21.73	8.83	22.82	8.44
9/15/2000	23.85	8.51	--	--	23.12	8.65	--	--	22.14	8.42	23.10	8.16
11/16/2000	24.14	8.22	--	--	23.40	8.37	--	--	22.39	8.17	23.41	7.85
4/2/2001	23.40	8.96	--	--	23.40	8.37	--	--	22.07	8.49	23.33	7.93
6/28/2001	23.58	8.78	--	--	23.17	8.60	--	--	22.15	8.41	23.15	8.11
8/30/2001	24.00	8.36	--	--	23.35	7.42	--	--	22.35	8.21	23.35	7.91
12/26/2001	24.18	8.18	--	--	23.54	8.23	--	--	22.49	8.07	23.27	7.99
4/23/2002	NA	--	--	--	22.89	8.88	--	--	21.07	9.49	22.89	8.37
6/14/2002	23.41	8.95	--	--	22.85	8.92	--	--	21.80	8.76	22.81	8.45
8/20/2002	23.85	8.51	--	--	23.11	8.66	--	--	22.14	8.42	23.15	8.11
12/27/2002	24.10	8.26	--	--	23.34	8.43	--	--	NA[1]	NA[1]	23.41	7.85
4/1/2003	23.75	8.61	--	--	22.90	8.87	--	--	NA[1]	NA[1]	23.16	8.10
7/1/2003	23.50	8.86	--	--	22.80	8.97	--	--	NA[1]	NA[1]	22.75	8.51
9/24/2003	23.82	8.54	--	--	23.15	8.62	--	--	22.21	8.35	23.16	8.10
12/29/2003	24.07	8.29	--	--	23.45	8.32	--	--	22.56	8.00	23.47	7.79
5/18/2004	23.64	8.72	--	--	22.98	8.79	--	--	21.85	8.71	22.87	8.39
6/30/2004	23.64	8.72	--	--	23.04	8.73	--	--	22.00	8.56	22.43	8.83
9/23/2004	23.98	8.38	--	--	23.32	8.45	--	--	22.36	8.20	23.30	7.96
12/28/2004	24.07	8.29	--	--	28.71	3.06	--	--	22.42	8.14	23.42	7.84
3/16/2005	23.80	8.56	--	--	23.70	8.07	--	--	22.11	8.45	23.60	7.66
6/23/2005	22.90	9.46	--	--	22.40	9.37	--	--	21.20	9.36	22.27	8.99
9/9/2005	23.27	9.09	--	--	22.63	9.14	--	--	21.68	8.88	22.55	8.71
12/2/2005	23.75	8.61	--	--	23.06	8.74	--	--	22.19	8.37	23.05	8.21
3/24/2006	23.05	9.31	--	--	22.57	9.20	--	--	21.01	9.55	22.50	8.76
6/29/2006	22.56	9.80	--	--	23.91	9.84	--	--	20.78	9.78	21.85	9.41
9/13/2006	23.00	9.36	--	--	22.35	9.42	--	--	21.35	9.21	22.31	8.95
12/27/2006	23.47	8.89	--	--	22.82	8.95	--	--	21.82	8.74	22.85	8.41
3/30/2007	23.51	8.85	--	--	22.91	8.86	--	--	21.70	8.86	22.88	8.38
7/2/2007	23.39	8.97	--	--	22.88	8.89	--	--	21.81	8.75	22.75	8.51
10/2/2007	23.87	8.49	--	--	23.20	8.57	--	--	22.22	8.34	23.17	8.09
12/13/2007	24.05	8.31	--	--	23.40	8.37	--	--	22.31	8.25	23.37	7.89
3/26/2008	23.56	8.80	--	--	23.00	8.77	--	--	21.77	8.79	22.97	8.29
6/2/2008	23.70	8.66	--	--	23.08	8.69	--	--	22.04	8.52	23.07	8.19
9/10/2008	24.07	8.29	--	--	23.55	8.22	--	--	22.52	8.04	23.49	7.77
11/19/2008	24.33	8.03	--	--	23.68	8.09	--	--	22.63	7.93	23.64	7.62
3/3/2009	24.31	8.05	--	--	23.78	7.99	--	--	22.51	8.05	22.51	7.51
9/3/2009	24.16	8.20	--	--	23.55	8.22	--	--	22.36	8.20	23.49	-15.44
3/3/2010	23.99	12.82	22.42	12.83	23.45	12.78	23.87	12.90	22.14	13.07	23.49	12.42
9/8/2010	23.75	13.06	22.31	12.94	23.09	13.14	23.63	13.14	22.05	13.16	23.11	12.80

Notes:

Well elevations prior to 2010 are in City of Oakland Datum; After 2010, all elevations are in NAVD 88 Datum.

NS: Not Sampled

FP: Free Product

NA: Not Available

MSL: Mean sea level

ft: feet

bgs: below ground surface

1: Data not available due to ORC socks in well

2: Data not available due to probable equipment malfunction or operator error

Table 2
GROUND WATER GRADIENT AND FLOW DIRECTION
1700 Jefferson Street, Oakland, California

Date Monitored	Ground Water Gradient	Ground Water Direction
6/11/1996	0.003	SW
6/4/1997	0.009	NW
3/31/1998	0.002	W
8/28/1998	0.007	E
12/2/1998	0.006	NW
3/10/1999	0.011	NW
9/29/1999	0.004	NW
2/11/2000	0.001	NW
5/30/2000	0.003	W
11/16/2000	0.044	W
4/2/2001	0.001	SW
6/28/2001	0.005	SW
8/30/2001	0.004	SW
4/23/2002	0.006	W-SW
6/14/2002	0.004	W- SW
8/20/2002	0.005	W- SW
12/27/2002	0.005	W- SW
4/1/2003	0.007	W- SW
7/1/2003	0.006	W-NW
9/24/2003	0.005	W-NW
12/29/2003	0.003	W-NW
5/18/2004	0.006	W
6/30/2004	0.002	N
9/23/2004	0.005	W
12/28/2004	0.0451	SE[1]
3/16/2005	0.01	SW
6/23/2005	0.005	W
9/9/2005	0.005	W
12/2/2005	0.006	NW
3/24/2006	0.006	NW
9/13/2006	0.005	W-NW
12/13/2007	0.004	W-NW
3/26/2008	0.004	W
6/2/2008	0.004	W
9/10/2008	0.005	W
3/3/2009	0.004	W
9/3/2009	0.003	W-NW
3/3/2010	0.002	SW
9/8/2010	0.0015	W-SW

Notes:

[1] MACTEC reported an error in groundwater measurement

Table 3
GROUND WATER ANALYTICAL RESULTS
1700 Jefferson Street, Oakland, California

Well ID	Date Sampled	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Free Product
		(µg/L)						(inches)
ESLs		210	46	130	43	100	1800	--
MW-1	7/8/1987	190,000	18,000	26,000	--	3,700	--	30
	9/12/1988	--	--	--	--	--	--	25
	7/12/1989	190,000	1,000	8,900	2,900	19,000	--	21.6
	8/1/1991	--	--	--	--	--	--	12
	6/18/1992	--	--	--	--	--	--	34
	7/2/1992	--	--	--	--	--	--	18
	7/23/1992	--	--	--	--	--	--	10
	8/18/1992	--	--	--	--	--	--	10
	11/11/1992	--	--	--	--	--	--	13
	1/29/1993	--	--	--	--	--	--	25.2
	2/12/1993	--	--	--	--	--	--	10.2
	1/6/1994	--	--	--	--	--	--	14.8
	3/17/1994	--	--	--	--	--	--	23.4
	4/13/1994	--	--	--	--	--	--	12
	6/29/1994	--	--	--	--	--	--	0
	12/8/1994	--	--	--	--	--	--	FP
	4/3/1995	--	--	--	--	--	--	FP
	6/27/1995	--	--	--	--	--	--	FP
	9/19/1995	--	--	--	--	--	--	FP
	12/13/1995	--	--	--	--	--	--	FP
	3/6/1996	--	--	--	--	--	--	FP
	6/11/1996	--	--	--	--	--	--	FP
	9/19/1996	--	--	--	--	--	--	FP
	12/23/1996	--	--	--	--	--	--	FP
	3/27/1997	--	--	--	--	--	--	FP
	6/4/1997	68,000	2,200	4,500	1,500	11,000	<500	--
	9/26/1997	59,000	6,000	3,000	1,600	8,600	<500	--
	12/23/1997	41,000	6,800	3,000	1,400	6,600	300	--
	3/31/1998	44,000	8,300	3,700	1,100	4,300	420	--
	6/18/1998	32,000	1,100	3,800	550	3,000	<50	--
	8/28/1998	26,000	8,600	2,300	730	2,100	<50	--
	12/2/1998	26,000	9,200	4,300	820	2,800	<50	--
	3/10/1999	26,000	8,200	5,900	870	3,500	<50	--
	6/30/1999	18,000	7,000	5,800	950	2,500	<25	--
	9/29/1999	21,000	9,200	10,000	1,200	5,500	<250	--
	9/29/1999	14,000	6,200	5,900	620	3,500	<250	--
	11/22/1999	24,000	4,900	5,000	730	3,500	<100	--
	2/11/2000	19,000	4,100	4,800	530	2,800	7	--
	5/30/2000	19,000	5,700	8,400	730	3,500	<5.0	--
	9/15/2000	20,000	4,100	5,700	540	2,700	<12	--
	11/16/2000	18,000	3,500	4,300	640	3,200	<40	--
	4/2/2001	19,000	4,700	5,200	570	2,600	50	--
	6/28/2001	39,000	5,200	4,200	660	3,900	9	--
	8/30/2001	31,000	5,600	5,100	560	2,500	<100	--
	12/26/2001	34,000	5,300	5,200	630	2,400	<120	--
	4/24/2002	35,000	4,900	6,000	740	3,100	<120	--
	6/14/2002	35,000	5,400	6,800	870	3,500	<250	--
	8/20/2002	26,000	4,100	4,700	620	2,700	<120	--
	12/27/2002	28,000	4,500	5,000	660	3,000	<120	--
	4/1/2003	16,000	4,500	6,000	680	3,100	<120	--
	7/1/2003	61,000	7,700	11,000	1,200	6,700	<250	--
	9/25/2003	59,000	7,600	9,400	1,000	4,800	<1,200	--
	12/29/2003	46,000	6,600	7,900	960	4,000	<250	--
	5/18/2004	23,000	4,100	4,700	450	1,500	<50	--
	6/30/2004	24,000	3,500	3,600	390	1,300	<50	--
	9/23/2004	24,000	3,800	3,900	470	1,400	<25	--
	12/28/2004	22,000	3,400	3,400	380	1,400	<250	--
	3/16/2005	21,000	4,100	4,200	470	1,300	<50	--
	6/23/2005	30,000	5,400	5,500	520	1,900	<1,200	--
	9/9/2005	7,100	840	950	120	410	<120	--
	12/2/2005	19,000	3,600	3,500	410	1,300	<2.5	--
	3/24/2006	29,000	6,200	6,000	620	2,000	<500	--
	6/29/2006	23,000	4,800	4,000	330	1,200	<500	--
	9/13/2006	20,000	4,500	3,900	400	1,400	<250	--
	12/27/2006	31,000	6,000	5,300	710	2,500	<500	--
	3/30/2007	30,000	5,000	4,600	520	1,700	<500	--
	7/2/2007	14,000	2,500	2,000	280	930	<500	--
	10/2/2007	19,000	3,400	2,700	400	1,200	<500	--
	12/13/2007	18,000	3,500	2,700	390	1,100	<500	--
	3/26/2008	28,000	4,900	4,900	530	2,100	<500	--
	6/2/2008	20,000	3,300	3,300	380	1,700	<500	--
	9/10/2008	24,000	4,200	4,200	470	2,200	<500	--
	11/19/2008	26,000	4,500	4,500	490	2,500	<500	--
	3/3/2009	33,100	5,380	5,380	603	2,800	<100	--
	9/3/2009	35,900	5,570	5,180	620	3,270	<100	--
	3/3/2010	51,700	10,100	8,050	952	4,560	<200	--
	9/8/2010	30,000	7,300	6,300	550	3,700	<50	--
MW-1A	9/12/1988	--	--	--	--	--	--	28.2
	7/12/1989	220,000	1,200	9,210	3,100	24000	NA	18.6
	8/1/1991	350,000	17,000	31,000	3,000	FP	NA	FP
	7/2/1992	FP	FP	FP	FP	FP	NA	18
	9/30/1992	FP	FP	FP	FP	FP	NA	10 - 13
	2/12/1993	FP	FP	FP	FP	FP	NA	13
	3/30/1993	FP	FP	FP	FP	FP	NA	10.2-14.8
	1/6/1994	FP	FP	FP	FP	14,000	NA	16.2
	4/13/1994	170,000	17,000	31,000	2,100	22,000	NA	12
	6/29/1994	95,000	16,000	21,000	1,500	12,000	NA	4.5+/-
	12/8/1994	190,000	13,000	21,000	1,400	11,000	NA	--
	4/3/1995	67,000	11,000	13,000	910	9,800	NA	--
	6/27/1995	53,000	11,000	9,900	500	6,300	NA	--

Well ID	Date Sampled	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Free Product
		(µg/L)						(inches)
ESLs		210	46	130	43	100	1800	--
MW-1A	9/19/1995	52,000	8,900	11,000	790	5,300	NA	--
	12/13/1995	62,000	9,900	9,200	710	6,800	NA	--
	3/6/1996	200,000	14,000	22,000	2,700	22,000	NA	--
	6/11/1996	140,000	18,000	28,000	2,800	19,000	NA	--
	9/19/1996	100,000	16,000	22,000	2,100	14,000	NA	--
	12/23/1996	FP	FP	FP	FP	FP	NA	--
	3/27/1997	66,000	12,000	15,000	1,400	100	1,800	--
	6/4/1997	54,000	11,000	12,000	1,000	7,200	<500	--
	9/26/1997	73,000	10,000	16,000	1,400	8,500	<500	--
	12/23/1997	66,000	10,000	16,000	1,400	12,000	1,900	--
	3/31/1998	51,000	9,100	11,000	1,100	6,800	300	--
	6/18/1998	50,000	11,000	15,000	870	5,800	<50	--
	8/28/1998	15,000	1,100	830	31	3,000	<50	--
	12/2/1998	41,000	8,500	11,000	720	6,700	<50	--
	3/10/1999	10,000	2,300	1,900	1,600	2,300	<50	--
	6/30/1999	18,000	6,400	7,800	660	4,100	<25	--
MW-2	7/8/1987	8,200	1,500	340	--	87	--	--
	11/9/1987	WELL DESTROYED						
MW-3	3/24/2006	590	83	41	7	33	<12	--
	6/29/2006	1,100	130	38	16	21	<25	--
	9/13/2006	1,300	260	71	44	28	<25	--
	12/27/2006	3,000	250	160	49	140	<25	--
	3/30/2007	3,100	250	260	46	110	<25	--
	7/2/2007	2,600	250	250	54	130	<25	--
	10/2/2007	1,900	170	140	24	48	<25	--
	12/13/2007	2,900	250	170	66	120	<25	--
	3/26/2008	2,300	340	95	26	64	<25	--
	6/2/2008	2,300	270	250	59	130	<25	--
	9/10/2008	2,900	300	180	88	220	<25	--
	11/19/2008	1,000	62	55	21	32	<25	--
	3/3/2009	3,020	37	10	3.8J	12.3J	<10	--
	9/3/2009	538	59	1	13	2	<1.0	--
	3/3/2010	1,570	98	12	20	14	<1.0	--
	9/8/2010	1,100	200	23	23	11	<0.5	--
	7/8/1987	6,200	180	500	--	170	--	0
	7/12/1989	13000	4	160	210	420	--	0
	8/1/1991	74,000	1,600	4,600	670	4,300	--	4
	9/30/1992	--	--	--	--	--	--	4.1
	11/11/1992	--	--	--	--	--	--	2
	1/29/1993	--	--	--	--	--	--	1.7
	2/12/1993	--	--	--	--	--	--	1.3
	1/6/1994	--	--	--	--	--	--	2.2
	3/17/1994	--	--	--	--	--	--	2.4
	4/13/1994	--	--	--	--	--	--	1.8
	6/29/1994	39000	3200	2900	580	4300	--	0.5
	12/8/1994	4600000	1500	4200	6000	95000	--	--
	4/3/1995	51000	1100	2300	580	4800	--	--
	6/27/1995	20000	270	550	190	1700	--	--
	9/19/1995	6200	70	140	68	500	--	--
	12/13/1995	19000	220	480	140	1700	--	--
	3/6/1996	7000	120	170	49	440	--	--
	6/11/1996	16000	170	270	68	1500	--	--
	9/19/1996	6000	45	30	15	300	--	--
	6/4/1997	85000	8500	13000	2400	16000	<500	--
	9/26/1997	47000	610	6000	930	5900	<100	--
	12/23/1997	32000	640	5300	800	5900	<300	--
	3/31/1998	32000	690	3800	870	5200	350	--
	6/18/1998	16000	180	1500	490	3700	<25	--
	8/28/1998	17000	84	1100	430	3800	<50	--
	12/2/1998	3,200	39	85	25	360	<50	--
	3/10/1999	9,600	86	540	250	2,300	<25	--
	6/30/1999	7,900	31	330	200	1,800	<25	--
	9/29/1999	5,000	120	340	230	1,300	10	--
	9/29/1999	4,100	180	340	130	580	14	--
	11/22/1999	3,100	7	33	27	260	<1.0	--
	2/11/2000	540	8	20	2	28	31	--
	5/30/2000	490	11	6	0	17	<5.0	--
	9/15/2000	1,500	28	14	3	160	<5.0	--
	11/16/2000	1,300	20	34	25	28	<5.0	--
	4/2/2001	170	9	6	1	8	77	--
	6/28/2001	4,900	150	240	38	160	<2	--
	8/30/2001	3,100	42	48	26	210	<1.2	--
	12/26/2001	950	8	5	1	7	<0.5	--
	4/24/2002	300	11	5	1	1	<0.5	--
	6/14/2002	4,600	130	470	91	390	<0.5	--
	8/20/2002	4,900	330	170	40	150	<5.0	--
	12/27/2002	4,000	110	280	57	260	19	--
	4/1/2003	5,900	370	150	44	230	<1.0	--
	7/1/2003	12,000	200	460	130	390	<5.0	--
	9/25/2003	10,000	150	300	120	280	<2.5	--
	12/29/2003	7,300	160	250	79	210	<2.5	--
	5/18/2004	1,500	77	72	19	59	<12	--
	6/30/2004	2,000	81	37	34	40	<1.0	--
	9/23/2004	3,400	140	95	36	40	<10	--
	12/28/2004	3,900	340	37	11	60	<5.0	--
	3/16/2005	970	1	2	1	3	<2.5	--
	6/23/2005	850	56	7	<5	12	<25	--
	9/9/2005	3,900	470	100	33	96	<62	--
	12/2/2005	760	14	8	2	17	<0.5	--

Table 3
GROUND WATER ANALYTICAL RESULTS
1700 Jefferson Street, Oakland, California

Well ID	Date Sampled	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Free Product
		(µg/L)						(inches)
ESLs		210	46	130	43	100	1800	--
MW-4	9/12/1988	--	--	--	--	--	--	5.9
	7/12/1989	93,000	460	4,200	1,200	9700	NA	25.2
	8/1/1991	86,000	1,500	6,200	1,000	FP	NA	18
	9/30/1992	FP	FP	FP	FP	FP	NA	FP
	2/12/1993	FP	FP	FP	FP	FP	NA	8.8
	1/6/1994	FP	FP	FP	FP	3,200	NA	6.2
	4/13/1994	58,000	1,500	2,500	520	7,300	NA	--
	6/29/1994	16,000	1,300	790	51	3,400	NA	--
	12/8/1994	92,000	1,700	4,100	310	5,400	NA	--
	4/3/1995	35,000	1,200	3,400	280	5,800	NA	--
	6/27/1995	13,000	1,300	1,600	77	1,800	NA	--
	9/19/1995	14,000	630	470	14	1,800	NA	--
	12/13/1995	11,000	2,200	2,100	110	2,100	NA	--
	3/6/1996	110,000	2,600	3,600	780	10,000	NA	--
	6/11/1996	260,000	6,600	19,000	3,700	28,000	NA	--
	9/19/1996	95,000	9,900	19,000	2,000	13,000	NA	--
	12/23/1996	FP	FP	FP	FP	FP	NA	FP
	3/27/1997	37,000	2,600	6,900	540	5,500	1,400	--
	6/4/1997	24,000	2,600	3,200	140	3,500	<300	--
	9/26/1997	41,000	2,900	5,000	350	4,800	<500	--
	12/23/1997	48,000	6,000	11,000	580	8,200	270	--
	6/18/1998	25,000	2,000	460	<15	6,400	<50	--
	8/28/1998	48,000	9,700	11,000	890	5,000	<50	--
	12/2/1998	10,000	1,700	610	<15	2,300	<50	--
	3/10/1999	11,000	2,300	2,100	88	1,600	<25	--
	6/30/1999	88,000	1,800	3,000	150	2,700	<25	--
MW-5	9/12/1988	--	--	--	--	--	--	0.5
	7/12/1989	14,000	7	190	210	500	--	0.4
	8/1/1991	120,000	20,000	14,000	1,900	4,900	--	0
	9/30/1992	51,000	13,000	5,900	1,400	2,600	--	0
	3/30/1993	74,000	16,000	5,000	1,800	2,700	--	0.06
	1/6/1994	80,000	19,000	8,200	1,400	2,700	--	0
	4/13/1994	63,000	14,000	3,500	1,500	2,100	--	0
	6/29/1994	64,000	29,000	5,400	2,800	4,500	--	0
	12/8/1994	59000	13000	3800	1800	2900	--	--
	4/3/1995	51,000	15,000	2,200	2,800	4,500	--	--
	6/27/1995	41000	12000	2100	1400	1600	--	--
	9/19/1995	50000	1600	2700	2000	2100	--	--
	12/13/1995	45000	13000	2100	16000	1900	--	--
	3/6/1996	51000	15000	2800	2000	2400	--	--
	6/11/1996	48000	12000	2900	2000	2700	--	--
	9/19/1996	48000	12000	4500	2300	4000	--	--
	12/23/1996	45000	12000	2200	2700	6500	600	--
	3/27/1997	44000	11000	1100	1900	2800	300	--
	6/4/1997	35000	8900	560	1500	1700	<100	--
	9/26/1997	36000	7900	270	1500	1300	<500	--
	12/23/1997	39000	13000	500	1900	1700	<1,000	--
	3/31/1998	48000	10000	400	2000	2200	350	--
	6/18/1998	17000	9500	310	420	850	<10	--
	8/28/1998	16000	5400	160	1100	900	<50	--
	12/2/1998	15000	8400	120	1500	840	<50	--
	3/10/1999	23000	14000	300	1800	1100	<50	--
	6/30/1999	7700	5200	270	1100	690	<25	--
	9/29/1999	11000	9600	710	1100	1100	<100	--
	9/29/1999	10000	14000	470	1100	600	<100	--
	11/22/1999	30000	11000	3400	1500	2500	<100	--
	2/11/2000	23000	12000	4500	1200	1300	6.6	--
	5/30/2000	19000	9900	6900	1200	2600	<200	--
	9/15/2000	24,000	3,800	3,000	460	1,200	<10	--
	11/16/2000	1,800	470	220	39	100	<5	--
	4/2/2001	15,000	7,400	3,000	1,000	2,200	<50	--
	6/28/2001	3,600	300	11	16	15	4	--
	8/30/2001	34,000	8,300	3,000	1,400	2,600	<50	--
	12/26/2001	1,900	300	110	55	120	<10	--
	4/24/2002	9,400	2,300	130	300	270	<50	--
	6/14/2002	1,700	110	<2.5	7	<2.5	<0.50	--
	8/20/2002	3,200	320	9	22	19	<0.50	--
	12/27/2002	6,200	2,200	140	160	250	<25	--
	9/25/2003	43,000	12,000	2,800	1,500	3,000	<1,200	--
	12/29/2003	26,000	7,700	1,900	910	210	<2.5	--
	5/18/2004	15,000	5,000	1,300	380	770	<50	--
	6/30/2004	18,000	5,700	1,600	540	1,200	<50	--
	9/23/2004	42,000	12,000	3,900	1,200	2,400	<120	--
	12/28/2004	41,000	10,000	3,800	1,000	2,300	<250	--
	3/16/2005	37,000	11,000	3,800	1,100	2,400	<120	--

Well ID	Date Sampled	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Free Product
		(µg/L)						(inches)
ESLs		210	46	130	43	100	1800	--
MW-5	6/23/2005	27,000	7,700	1,700	680	1,300	<1,200	--
	9/9/2005	46,000	10,000	2,700	1,100	2,100	<1,200	--
	12/2/2005	21,000	5,900	1,500	600	1,200	<500	--
	3/24/2006	<10,000	2,800	450	190	180	<500	--
	6/29/2006	1,200	240	11	13	18	<2.5	--
	9/13/2006	5,800	1,600	210	180	270	<120	--
	12/27/2006	16,000	4,300	610	460	750	<500	--
	3/30/2007	31,000	10,000	1,400	1,100	1,600	<500	--
	7/2/2007	33,000	9,400	1,400	1,000	1,500	<500	--
	10/2/2007	36,000	11,000	2,100	1,100	1,700	<620	--
	12/13/2007	34,000	11,000	2,600	1,200	1,900	<1,200	--
	3/26/2008	28,000	7,700	1,900	860	1,300	<1,200	--
	6/2/2008	43,000	13,000	3,800	1,400	2,400	<1,200	--
	9/10/2008	45,000	13,000	3,700	1,200	2,200	<1,200	--
	11/19/2008	46,000	14,000	3,900	3,900	2,700	<1,200	--
	3/3/2009	43,400	11,700	3,560	1,290	2,200	<250	--
	9/3/2009	35,900	8,800	1,240	1,720	2,420	<100	--
	3/3/2010	27,200	6,820	279	1,870	2,050	<100	--
	9/8/2010	22,000	6,000	250	1,700	1,900	<50	--
MW-6	6/11/1996	<50	<0.5	<0.5	<0.5	<2	--	--
	9/19/1996	<50	<0.5	<0.5	<0.5	<2	--	--
	12/23/1996	<50	<0.5	<0.5	<0.5	<2	<5	--
	3/27/1997	<50	<0.5	<0.5	<0.5	<2	<5	--
	6/4/1997	<50	<0.5	<0.5	<0.5	<2	<5	--
	9/26/1997	<50	<0.5	<0.5	<0.5	<2	<5	--
	12/23/1997	<50	<0.5	<0.5	<0.5	<2	<5	--
	3/31/1998	<50	<0.5	<0.5	<0.5	<2	<5	--
	6/18/1998	<50	<0.3	<0.3	<0.3	<0.6	<1.0	--
	8/28/1998	<50	<0.3	<0.3	<0.3	<0.6	<1.0	--
	12/2/1998	<50	<0.3	<0.3	<0.3	<0.6	<1.0	--
	3/10/1999	<50	<0.3	<0.3	<0.3	<0.6	<1.0	--
	6/30/1999	<50	<0.3	<0.3	<0.3	<0.6	<1.0	--
	9/29/1999	<50	<0.3	<0.3	<0.3	<0.6	<1.0	--
	9/29/1999	<50	<0.3	<0.3	<0.3	<0.6	<1.0	--
	11/22/1999	<50	<0.3	<0.3	<0.3	<0.6	<1.0	--
	2/11/2000	<50	<0.3	<0.3	<0.3	<0.6	<1.0	--
	5/30/2000	<50	<0.3	<0.3	<0.3	<0.6	<1.0	--
	9/15/2000	<50	<0.3	<0.3	<0.3	<0.6	<1.0	--
	11/16/2000	<50	<0.3	<0.3	<0.3	<0.3	<1.0	--
	4/2/2001	<50	<0.3	<0.3	<0.3	2.7	5	--
	6/28/2001	<50	<0.5	<0.5	<0.3	<0.5	17	--
	8/30/2001	<50	<0.5	<0.5	<0.3	8.7	<2.5	--
	12/26/2001	66	3.6	3.6	3.6	<0.5	<2.5	--
	4/24/2002	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	6/14/2002	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	8/20/2002	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	12/27/2002	<50	<0.5	<0.05	<0.5	<0.5	<2.5	--
	4/1/2003	<50	<0.5	<0.05	<0.5	<0.5	<2.5	--
	7/1/2003	<50	<0.5	<0.05	<0.5	<2.5	<2.5	--
	9/25/2003	<50	<0.5	<0.05	<0.5	<2.5	<2.5	--
	12/29/2003	<50	<0.5	<0.05	<0.5	<0.5	<2.5	--
	5/18/2004	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	6/30/2004	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	9/23/2004	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	12/28/2004	59	<0.5	<0.5	<0.5	2	<2.5	--
	3/16/2005	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	6/23/2005	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	9/9/2005	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	12/2/2005	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	3/24/2006	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	6/29/2006	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	9/13/2006	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	12/27/2006	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	3/30/2007	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	7/2/2007	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	10/2/2007	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	12/13/2007	<50	<0.5	1	<0.5	<0.5	<2.5	--
	3/26/2008	<50	<0.5	<0.5	<0.5	1	<2.5	--
	6/2/2008	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	9/10/2008	<51	<0.5	<0.5	<0.5	<0.5	<2.6	--
	11/19/2008	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	3/3/2009	<50	<1.0	0.53J	<1.0	<2.0	<1.0	--
	9/3/2009	<50	<1.0	<1.0	<1.0	<2.0	<1.0	--
	3/3/2010	<50	<1.0	<1.0	<1.0	<2.0	<1.0	--
	9/8/2010	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--

Notes:

µg/L: micrograms per liter (approximately equivalent to ppb)

<: Concentration is below the reporting limit of the lab

J: Estimated value

--: not applicable or none

ESLs: Environmental Screening Levels for non-drinking water sources - May 2008

FP: Free product measured (amount unknown)

Concentration is above selected screening criteria

CHARTS

CHART 1
Concentrations of TPHg vs. Time in MW-1, MW-3, and MW-5
1700 Jefferson, Oakland, California

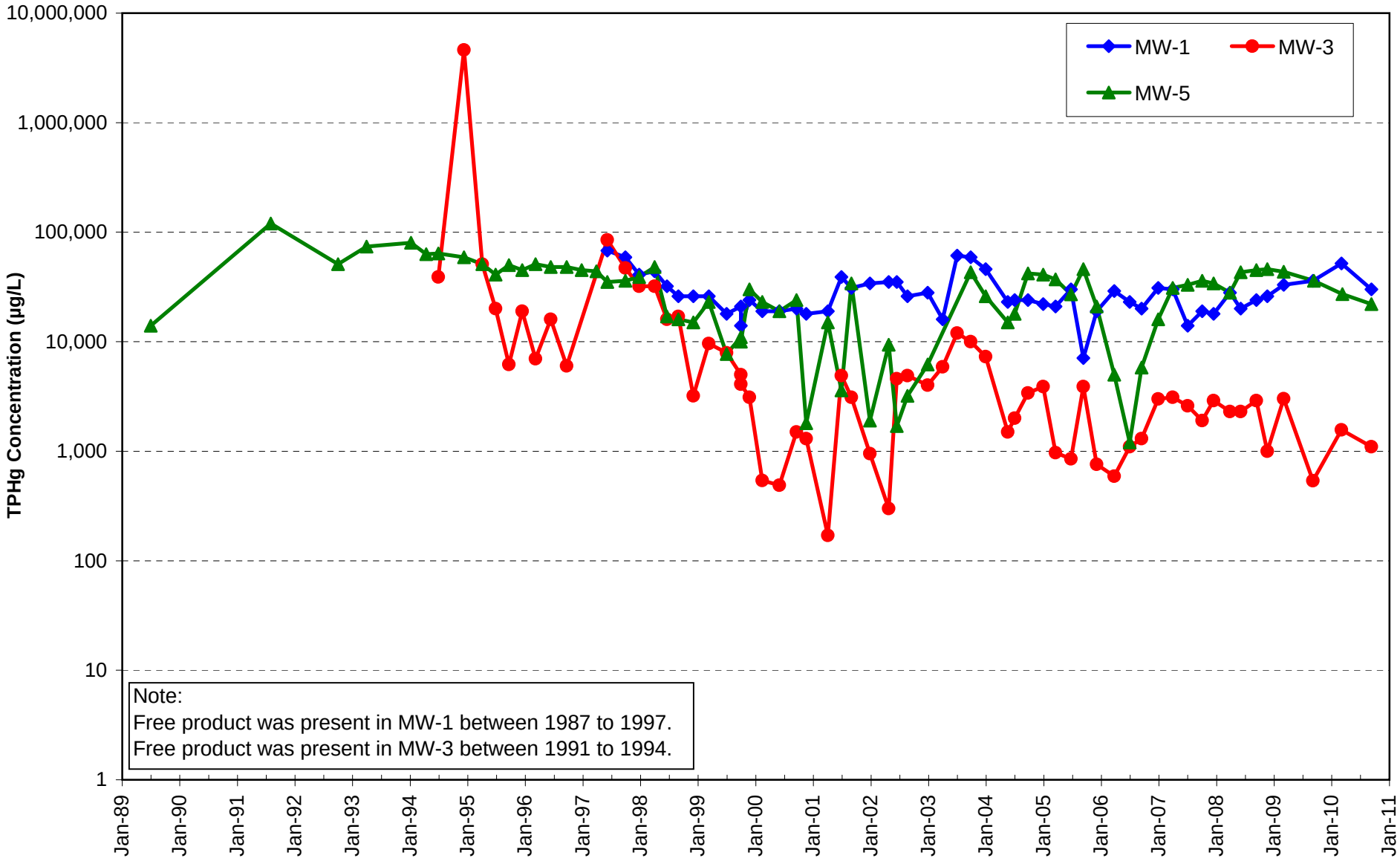
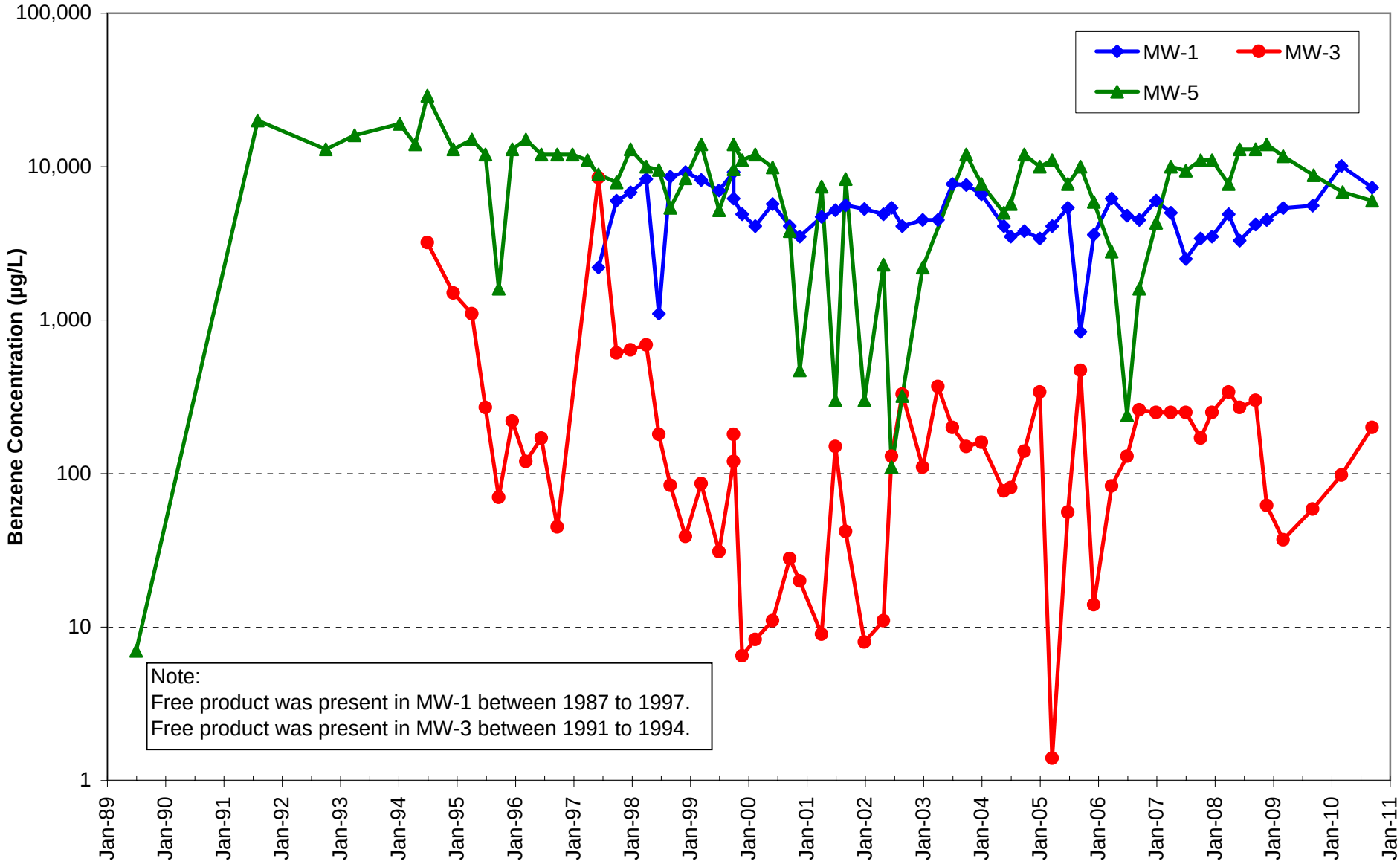
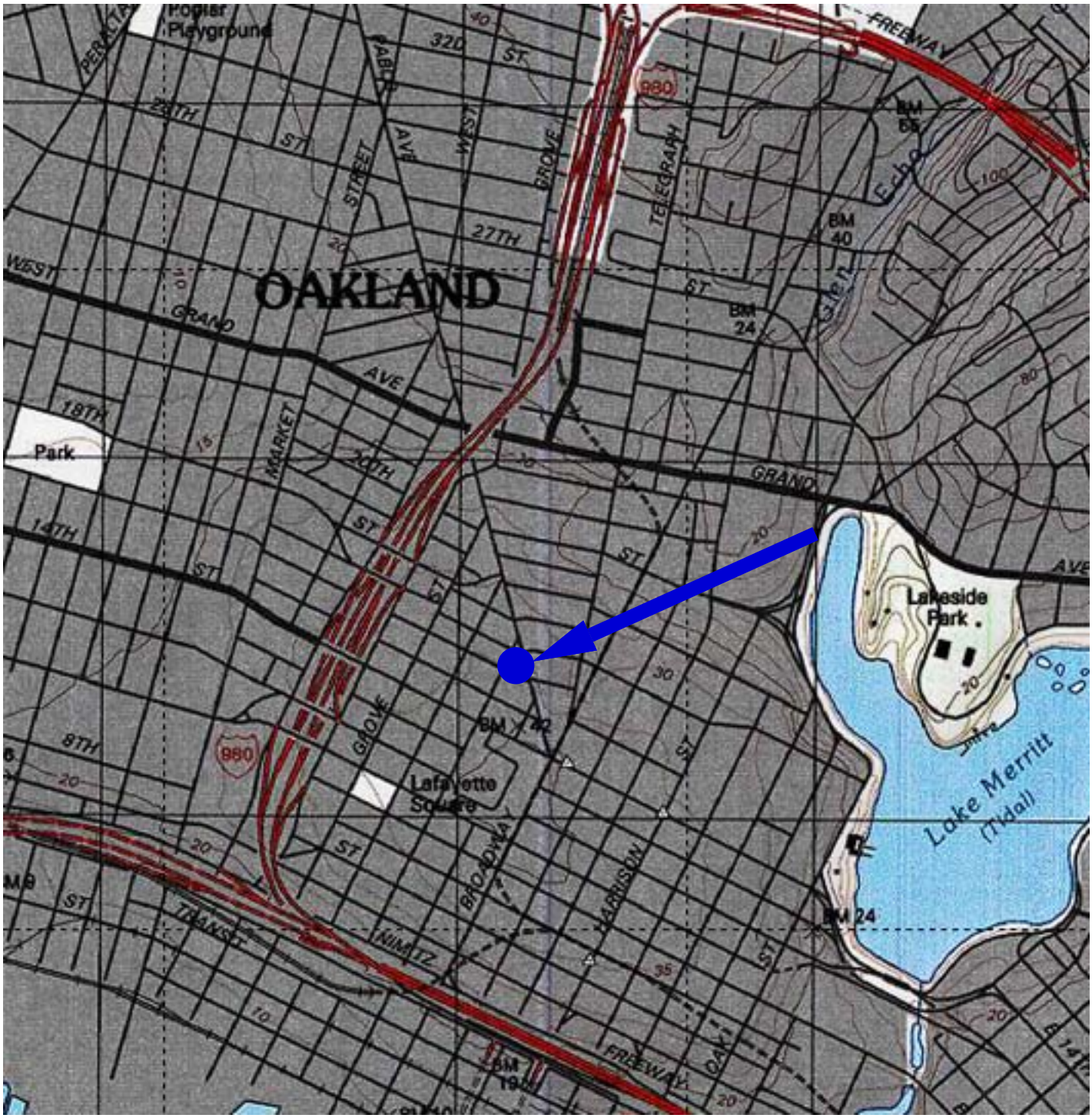


CHART 2
Concentrations of Benzene vs. Time in MW-1, MW-3, and MW-5
1700 Jefferson, Oakland, California



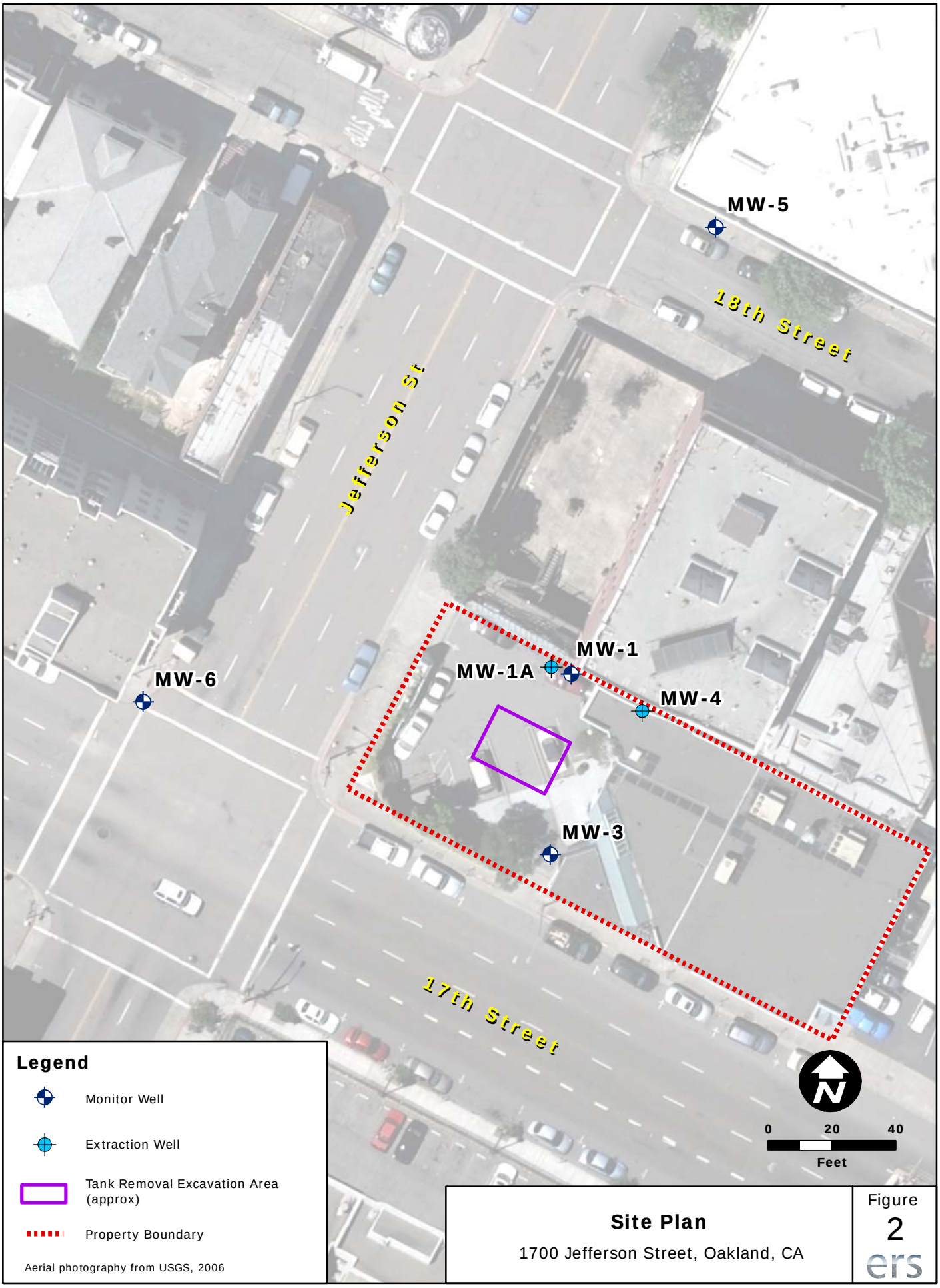
FIGURES



Location Map
1700 Jefferson Street
Oakland, California
Source: National Geographic TOPO!

Figure 1

ERS Corporation

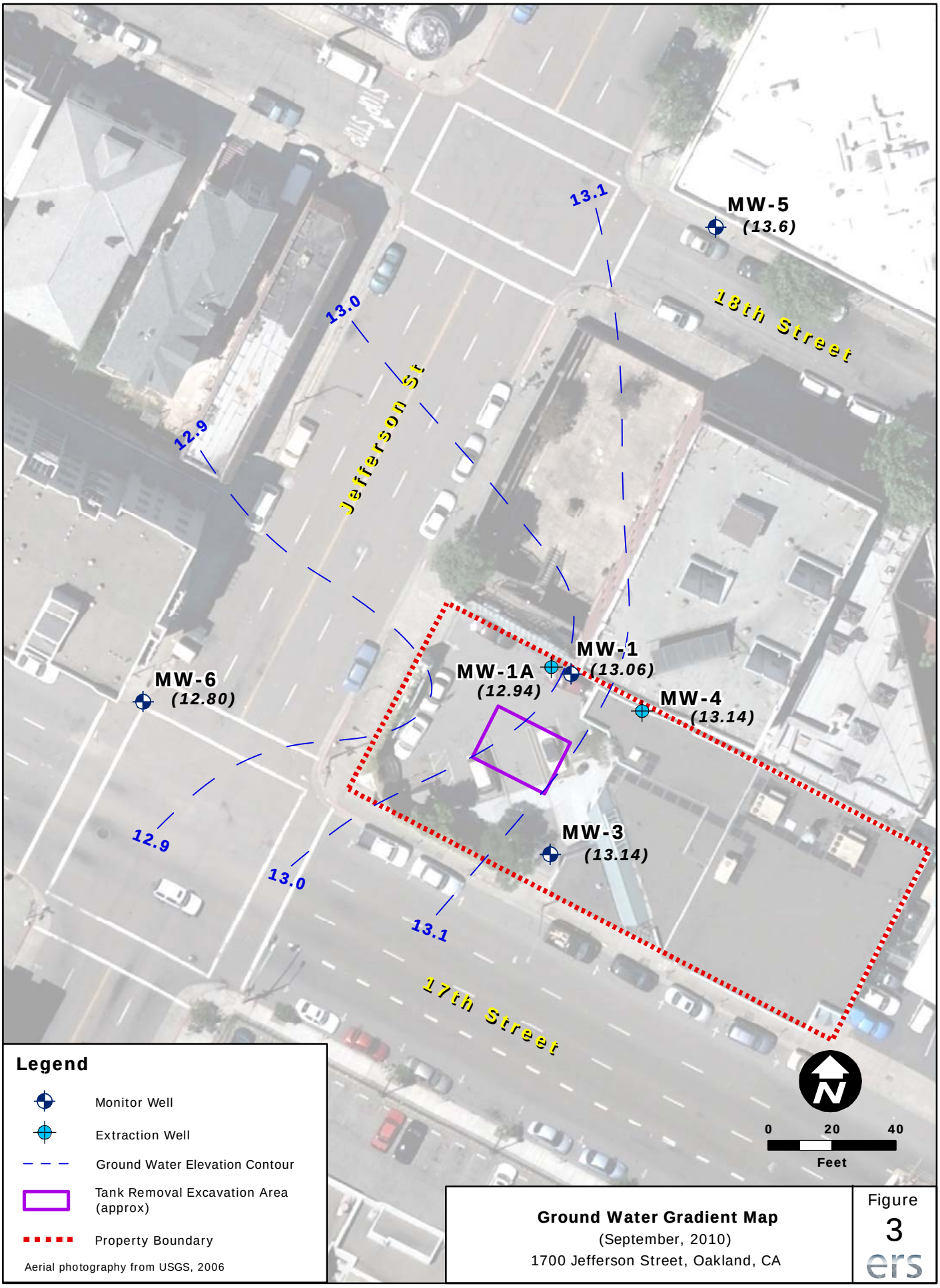


Site Plan

1700 Jefferson Street, Oakland, CA

Figure 2

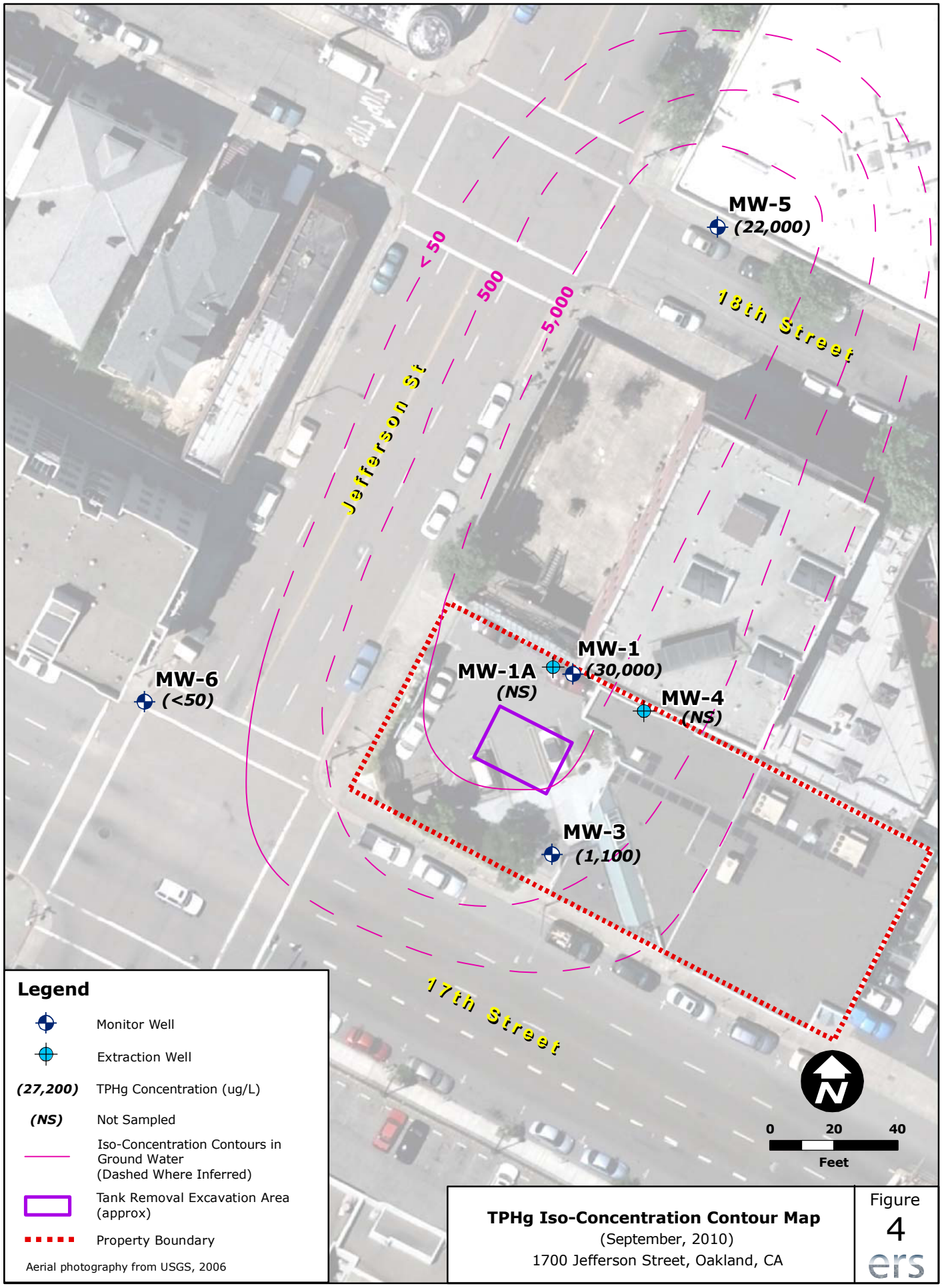
ERS Corporation



Ground Water Gradient Map
(September, 2010)
1700 Jefferson Street, Oakland, CA

Figure 3

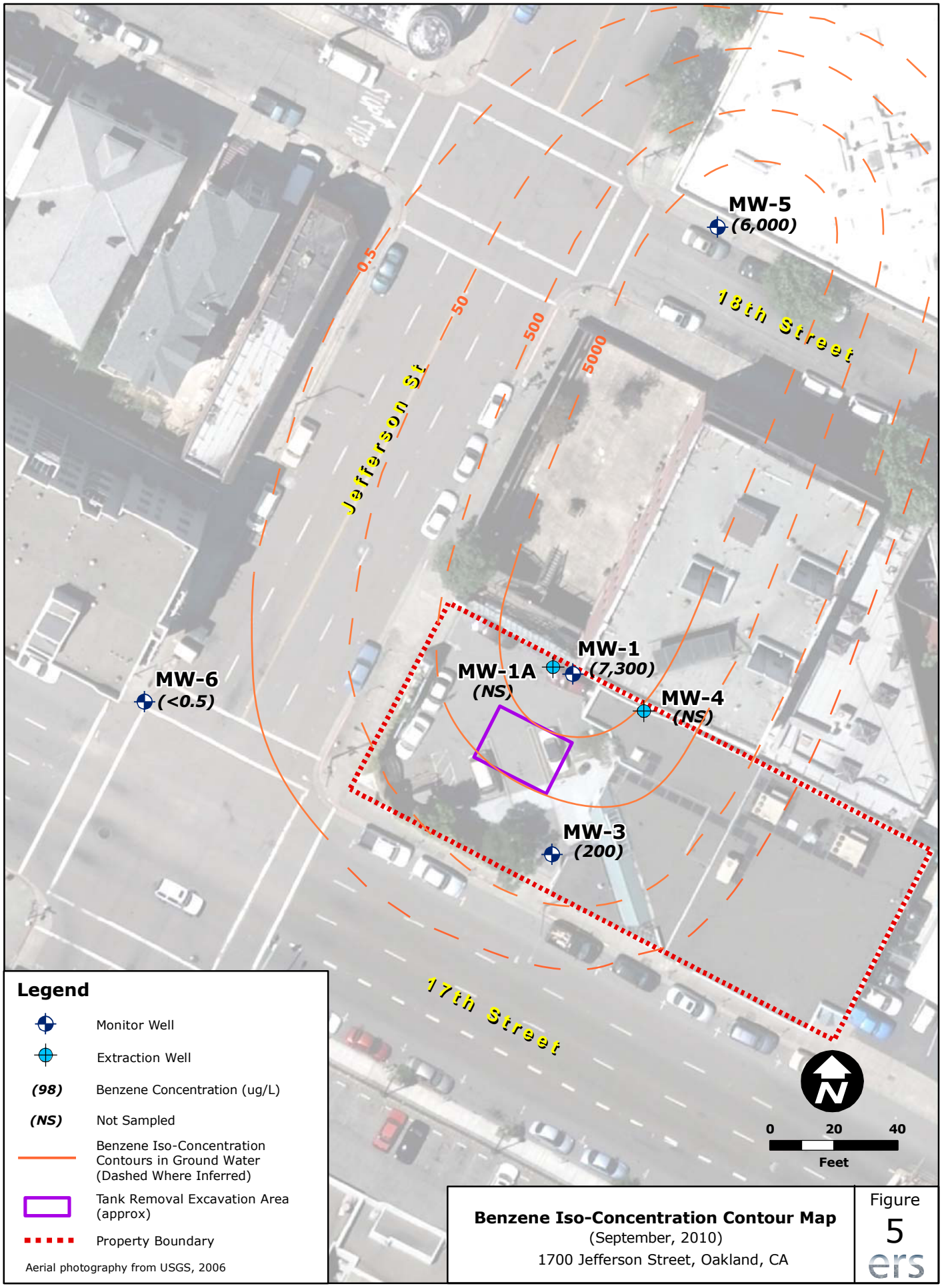
ERS Corporation



TPHg Iso-Concentration Contour Map
(September, 2010)
1700 Jefferson Street, Oakland, CA

Figure 4

ERS Corporation



Benzene Iso-Concentration Contour Map
(September, 2010)
1700 Jefferson Street, Oakland, CA

Figure 5

ERS Corporation

APPENDIX A

Depth to Water Data Sheet

Site Name:	1700 Jefferson	Date:	9-8-10
Location:	Oakland, CA	Field Tech:	YJB
Client:	BPS		

Well ID	Well Diameter	Time	DTW	Total Depth	Comments
MW-1	4	1230	23.75		
MW-1A	4	1231	22.31		
MW-3	4	1229	23.09		
MW-4	4	1234	23.63		
MW-5	2	1240	22.05		
MW-6	2	1224	23.11		

Notes:

Monitor Well Data Sheet

Site Name: 1700 Jefferson	Well/Sample ID: MW-1
Location: 1700 Jefferson Oakland, CA	Initial Depth to Water (DTW): 23.75
Client: BPS Reprographics	Total Well Depth (TD):
Sampler: **YJB**	Well Diameter (inches): 4"
Date: 9-8-10	Did Well Dewater? N
Purge & Sample Method: Peristalic pump with dedicated tubing	Purge Rate (liters/min): 0.25
	Sample Rate (liters/min): 0.2

Time	pH	SC	DO	Temp	ORP	DTW	Cumulative Volume	Notes
hh:mm	SU	µmhos/cm	mg/l	°C	mV	feet bgs	liters	
1237	7.18	762	6.71	20.60	-113.0	23.81	0.75	
1240	7.21	1496	1.20	19.30	-126.1	23.81	1.5	
1243	7.20	1494	0.92	19.37	-127.6	23.81	2.25	
1246	7.21	1494	0.89	19.38	-127.3	23.81	3	
1249	7.18	1497	0.88	19.50	-122.8	23.81	3.75	

Total Liters Purged:	3.75	Start Purge Time:	1234	DTW prior to sample (ft):	23.81
Total Sample Volume:	120mL	Stop Purge Time:	1249	Start Sample Time:	1249
Turbidity:	Low	Color:	Clear	Odor:	Slight TPH
Length of Tubing	[illegible]	Sheen:	NO	Product:	No
Instrument ID: 126			Last Calibrated: 900		

Notes:

Monitor Well Data Sheet

Site Name: 1700 Jefferson	Well/Sample ID: MW-3
Location: 1700 Jefferson Oakland, CA	Initial Depth to Water (DTW): 23.09
Client: BPS Reprographics	Total Well Depth (TD):
Sampler: YJB	Well Diameter (inches): 4"
Date: 9-8-10	Did Well Dewater? N
Purge & Sample Method: Peristalic pump with dedicated tubing	Purge Rate (liters/min): 0.3
	Sample Rate (liters/min): 0.25

Time	pH	SC	DO	Temp	ORP	DTW	Cumulative Volume	Notes
hh:mm	SU	µmhos/cm	mg/l	°C	mV	feet bgs	liters	
1402	7.09	700	1.09	20.21	-176.2	23.19	.9	
1405	7.07	696	0.86	20.13	-177.2	23.20	1.8	
1408	7.04	692	0.91	20.01	-180.4	23.20	2.7	
1411	7.02	689	0.94	20.00	-181.4	23.20	3.6	

Total Liters Purged:	3.6	Start Purge Time:	1359	DTW prior to sample (ft):	23.20
Total Sample Volume:	120mL	Stop Purge Time:	1411	Start Sample Time:	1411
Turbidity:	LOW	Color:	Clear	Odor:	NO
Length of Tubing		Sheen:	NO	Product:	NO
Instrument ID:	126			Last Calibrated:	900

Notes:

Monitor Well Data Sheet

Site Name: 1700 Jefferson	Well/Sample ID: MW-5
Location: 1700 Jefferson Oakland, CA	Initial Depth to Water (DTW): 22.05
Client: BPS Reprographics	Total Well Depth (TD):
Sampler: **YJB**	Well Diameter (inches): 2"
Date: 9-8-10	Did Well Dewater? N
Purge & Sample Method: Peristalic pump with dedicated tubing	Purge Rate (liters/min): 0.3
	Sample Rate (liters/min): 0.25

Time	pH	SC	DO	Temp	ORP	DTW	Cumulative Volume	Notes
hh:mm	SU	µmhos/cm	mg/l	°C	mV	feet bgs	liters	
1206	7.07	1157	2.70	20.30	-145.3	22.21	0.9	
1209	7.19	1143	1.71	19.94	-146.4	22.22	1.8	
1212	7.12	1139	1.33	20.13	-132.0	22.21	2.7	
1215	7.12	1137	1.20	20.16	-127.6	22.21	3.6	
1218	7.12	1135	1.14	20.20	-123.2	22.21	4.5	
1221	7.12	1135	1.10	20.27	-116.7	22.21	5.4	

Total Liters Purged:	5.4	Start Purge Time:	1203	DTW prior to sample (ft):	22.21
Total Sample Volume:	120mL	Stop Purge Time:	1221	Start Sample Time:	1221
Turbidity:	LOW	Color:	Clear	Odor:	TPH
Length of Tubing		Sheen:	NO	Product:	None
Instrument ID:	126			Last Calibrated:	900

Notes:

Monitor Well Data Sheet

Site Name: 1700 Jefferson	Well/Sample ID: MW-6
Location: 1700 Jefferson Oakland, CA	Initial Depth to Water (DTW): 23.11
Client: BPS Reprographics	Total Well Depth (TD):
Sampler: YJB	Well Diameter (inches): 2"
Date: 9-8-10	Did Well Dewater? N
Purge & Sample Method: Peristalic pump with dedicated tubing	Purge Rate (liters/min): 0.3
	Sample Rate (liters/min): 0.25

Time	pH	SC	DO	Temp	ORP	DTW	Cumulative Volume	Notes
hh:mm	SU	µmhos/cm	mg/l	°C	mV	feet bgs	liters	
1331	7.01	1105	7.11	20.01	-110.1	23.20	0.9	
1334	6.97	901	3.01	20.00	-111.1	23.21	1.8	
1337	6.98	903	0.91	20.00	-111.0	23.21	2.7	
1340	6.98	903	0.90	20.00	-120.1	23.21	3.6	
1343	6.98	902	0.87	20.00	-119.9	23.21	4.5	

Total Liters Purged:	4.5	Start Purge Time:	1331	DTW prior to sample (ft):	23.21
Total Sample Volume:	120mL	Stop Purge Time:	1343	Start Sample Time:	1343
Turbidity:	Low	Color:	Clear	Odor:	No
Length of Tubing		Sheen:	No	Product:	No
Instrument ID:	126			Last Calibrated:	900

Notes:

APPENDIX B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-30398-1

Job Description: 1700 Jefferson, Oakland

For:
Environmental Risk Services, Corp.
1600 Riviera Ave
Suite 310
Walnut Creek, CA 94596

Attention: Mr. Steven Michelson

Surinder Sidhu

Approved for release.
Surinder Sidhu
Customer Service Manager
9/17/2010 4:40 PM

Designee for
Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com
09/17/2010

CA ELAP Certification # 2496
The Chain(s) of Custody are included and are an integral part of this report.

A trip blank is required to be provided for volatile analyses. If trip blank results are not included in the report, either the trip blank was not submitted or requested to be analyzed.

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Environmental Risk Services, Corp. Job Number: 720-30398-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-30398-1	**MW-1**				
Benzene		7300	50	ug/L	8260B/CA_LUFTMS
Ethylbenzene		550	50	ug/L	8260B/CA_LUFTMS
Toluene		6300	50	ug/L	8260B/CA_LUFTMS
Xylenes, Total		3700	100	ug/L	8260B/CA_LUFTMS
Gasoline Range Organics (GRO)-C5-C12		30000	5000	ug/L	8260B/CA_LUFTMS
720-30398-2	**MW-3**				
Benzene		200	2.5	ug/L	8260B/CA_LUFTMS
Ethylbenzene		23	0.50	ug/L	8260B/CA_LUFTMS
Toluene		23	0.50	ug/L	8260B/CA_LUFTMS
Xylenes, Total		11	1.0	ug/L	8260B/CA_LUFTMS
Gasoline Range Organics (GRO)-C5-C12		1100	250	ug/L	8260B/CA_LUFTMS
720-30398-3	**MW-5**				
Benzene		6000	50	ug/L	8260B/CA_LUFTMS
Ethylbenzene		1700	50	ug/L	8260B/CA_LUFTMS
Toluene		250	50	ug/L	8260B/CA_LUFTMS
Xylenes, Total		1900	100	ug/L	8260B/CA_LUFTMS
Gasoline Range Organics (GRO)-C5-C12		22000	5000	ug/L	8260B/CA_LUFTMS

METHOD SUMMARY

Client: Environmental Risk Services, Corp. Job Number: 720-30398-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
8260B / CA LUFT MS	TAL SF	SW846 8260B/CA_LUFTMS	
Purge and Trap	TAL SF		SW846 5030B

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

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

SAMPLE SUMMARY

Client: Environmental Risk Services, Corp. Job Number: 720-30398-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-30398-1	MW-1	Water	09/08/2010 1249	09/09/2010 1130
720-30398-2	MW-3	Water	09/08/2010 1411	09/09/2010 1130
720-30398-3	MW-5	Water	09/08/2010 1221	09/09/2010 1130
720-30398-4	MW-6	Water	09/08/2010 1343	09/09/2010 1130

Client: Environmental Risk Services, Corp. Job Number: 720-30398-1

Client Sample ID: **MW-1**

Lab Sample ID: 720-30398-1 Date Sampled: 09/08/2010 1249
Client Matrix: Water Date Received: 09/09/2010 1130

8260B/CA_LUFTMS 8260B / CA LUFT MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-78077		Instrument ID:	HP4
Preparation:	5030B			Lab File ID:	091610015.D
Dilution:	100			Initial Weight/Volume:	10 mL
Date Analyzed:	09/16/2010 1621			Final Weight/Volume:	10 mL
Date Prepared:	09/16/2010 1621				

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		50
Benzene	7300		50
Ethylbenzene	550		50
Toluene	6300		50
Xylenes, Total	3700		100
Gasoline Range Organics (GRO)-C5-C12	30000		5000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	102		67 - 130
Toluene-d8 (Surr)	89		70 - 130

Client: Environmental Risk Services, Corp. Job Number: 720-30398-1

Client Sample ID: **MW-3**

Lab Sample ID: 720-30398-2 Date Sampled: 09/08/2010 1411
Client Matrix: Water Date Received: 09/09/2010 1130

8260B/CA_LUFTMS 8260B / CA LUFT MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-78006		Instrument ID:	HP9
Preparation:	5030B			Lab File ID:	09151011.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	09/15/2010 1336			Final Weight/Volume:	10 mL
Date Prepared:	09/15/2010 1336				

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		0.50
Ethylbenzene	23		0.50
Toluene	23		0.50
Xylenes, Total	11		1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	97		67 - 130
1,2-Dichloroethane-d4 (Surr)	93		67 - 130
Toluene-d8 (Surr)	97		70 - 130

Client: Environmental Risk Services, Corp. Job Number: 720-30398-1

Client Sample ID: **MW-3**

Lab Sample ID: 720-30398-2 Date Sampled: 09/08/2010 1411
Client Matrix: Water Date Received: 09/09/2010 1130

8260B/CA_LUFTMS 8260B / CA LUFT MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-78077		Instrument ID:	HP4
Preparation:	5030B			Lab File ID:	091610016.D
Dilution:	5.0			Initial Weight/Volume:	10 mL
Date Analyzed:	09/16/2010 1653			Final Weight/Volume:	10 mL
Date Prepared:	09/16/2010 1653				

Analyte	Result (ug/L)	Qualifier	RL
Benzene	200		2.5
Gasoline Range Organics (GRO)-C5-C12	1100		250

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	97		67 - 130
1,2-Dichloroethane-d4 (Surr)	101		67 - 130
Toluene-d8 (Surr)	95		70 - 130

Client: Environmental Risk Services, Corp. Job Number: 720-30398-1

Client Sample ID: **MW-5**

Lab Sample ID: 720-30398-3 Date Sampled: 09/08/2010 1221
Client Matrix: Water Date Received: 09/09/2010 1130

8260B/CA_LUFTMS 8260B / CA LUFT MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-78077		Instrument ID:	HP4
Preparation:	5030B			Lab File ID:	091610017.D
Dilution:	100			Initial Weight/Volume:	10 mL
Date Analyzed:	09/16/2010 1725			Final Weight/Volume:	10 mL
Date Prepared:	09/16/2010 1725				

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		50
Benzene	6000		50
Ethylbenzene	1700		50
Toluene	250		50
Xylenes, Total	1900		100
Gasoline Range Organics (GRO)-C5-C12	22000		5000

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	104		67 - 130
Toluene-d8 (Surr)	90		70 - 130

Client: Environmental Risk Services, Corp. Job Number: 720-30398-1

Client Sample ID: **MW-6**

Lab Sample ID: 720-30398-4 Date Sampled: 09/08/2010 1343
Client Matrix: Water Date Received: 09/09/2010 1130

8260B/CA_LUFTMS 8260B / CA LUFT MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-78006		Instrument ID:	HP9
Preparation:	5030B			Lab File ID:	09151013.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	09/15/2010 1440			Final Weight/Volume:	10 mL
Date Prepared:	09/15/2010 1440				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	93		67 - 130
1,2-Dichloroethane-d4 (Surr)	96		67 - 130
Toluene-d8 (Surr)	90		70 - 130

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: Environmental Risk Services, Corp. Job Number: 720-30398-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-78006					
LCS 720-78006/5	Lab Control Sample	T	Water	8260B/CA_LUFT	
LCS 720-78006/7	Lab Control Sample	T	Water	8260B/CA_LUFT	
LCSD 720-78006/6	Lab Control Sample Duplicate	T	Water	8260B/CA_LUFT	
LCSD 720-78006/8	Lab Control Sample Duplicate	T	Water	8260B/CA_LUFT	
MB 720-78006/4	Method Blank	T	Water	8260B/CA_LUFT	
720-30398-2	MW-3	T	Water	8260B/CA_LUFT	
720-30398-4	MW-6	T	Water	8260B/CA_LUFT	
Analysis Batch:720-78077					
LCS 720-78077/5	Lab Control Sample	T	Water	8260B/CA_LUFT	
LCS 720-78077/7	Lab Control Sample	T	Water	8260B/CA_LUFT	
LCSD 720-78077/6	Lab Control Sample Duplicate	T	Water	8260B/CA_LUFT	
LCSD 720-78077/8	Lab Control Sample Duplicate	T	Water	8260B/CA_LUFT	
MB 720-78077/4	Method Blank	T	Water	8260B/CA_LUFT	
720-30398-1	MW-1	T	Water	8260B/CA_LUFT	
720-30398-2	MW-3	T	Water	8260B/CA_LUFT	
720-30398-3	MW-5	T	Water	8260B/CA_LUFT	

Report Basis

T = Total

Client: Environmental Risk Services, Corp. Job Number: 720-30398-1

Method Blank - Batch: 720-78006

Method: 8260B/CA_LUFTMS
Preparation: 5030B

Lab Sample ID: MB 720-78006/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/15/2010 0938
Date Prepared: 09/15/2010 0938

Analysis Batch: 720-78006
Prep Batch: N/A
Units: ug/L

Instrument ID: HP9
Lab File ID: 09151004.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Methyl tert-butyl ether	ND		0.50
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
m-Xylene & p-Xylene	ND		1.0
o-Xylene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	95	67 - 130
1,2-Dichloroethane-d4 (Surr)	93	67 - 130
Toluene-d8 (Surr)	94	70 - 130

Client: Environmental Risk Services, Corp. Job Number: 720-30398-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-78006

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID:	LCS 720-78006/5	Analysis Batch:	720-78006	Instrument ID:	HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	09151005.D
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	10 mL
Date Analyzed:	09/15/2010 1010			Final Weight/Volume:	10 mL
Date Prepared:	09/15/2010 1010				

LCSD Lab Sample ID:	LCSD 720-78006/6	Analysis Batch:	720-78006	Instrument ID:	HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	09151006.D
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	10 mL
Date Analyzed:	09/15/2010 1042			Final Weight/Volume:	10 mL
Date Prepared:	09/15/2010 1042				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Methyl tert-butyl ether	96	97	62 - 130	0.3	20		
Benzene	101	101	82 - 127	0.05	20		
Ethylbenzene	101	100	86 - 135	1	20		
Toluene	102	101	83 - 129	0.3	20		
m-Xylene & p-Xylene	96	95	70 - 142	0.8	20		
o-Xylene	98	98	89 - 136	0.3	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	96	95	67 - 130
1,2-Dichloroethane-d4 (Surr)	88	91	67 - 130
Toluene-d8 (Surr)	96	96	70 - 130

Client: Environmental Risk Services, Corp. Job Number: 720-30398-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-78006

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID:	LCS 720-78006/7	Analysis Batch:	720-78006	Instrument ID:	HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	09151007.D
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	10 mL
Date Analyzed:	09/15/2010 1115			Final Weight/Volume:	10 mL
Date Prepared:	09/15/2010 1115				

LCSD Lab Sample ID:	LCSD 720-78006/8	Analysis Batch:	720-78006	Instrument ID:	HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	09151008.D
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	10 mL
Date Analyzed:	09/15/2010 1147			Final Weight/Volume:	10 mL
Date Prepared:	09/15/2010 1147				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Gasoline Range Organics (GRO)-C5-C12	92	88	59 - 111	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	96	97	67 - 130
1,2-Dichloroethane-d4 (Surr)	92	93	67 - 130
Toluene-d8 (Surr)	97	96	70 - 130

Client: Environmental Risk Services, Corp. Job Number: 720-30398-1

Method Blank - Batch: 720-78077

Method: 8260B/CA_LUFTMS
Preparation: 5030B

Lab Sample ID:	MB 720-78077/4	Analysis Batch:	720-78077	Instrument ID:	HP4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	091610004.D
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	10 mL
Date Analyzed:	09/16/2010 1012			Final Weight/Volume:	10 mL
Date Prepared:	09/16/2010 1012				

Analyte	Result	Qual	RL
Methyl tert-butyl ether	ND		0.50
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
m-Xylene & p-Xylene	ND		1.0
o-Xylene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	91	67 - 130
1,2-Dichloroethane-d4 (Surr)	99	67 - 130
Toluene-d8 (Surr)	85	70 - 130

Client: Environmental Risk Services, Corp. Job Number: 720-30398-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-78077

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID:	LCS 720-78077/5	Analysis Batch:	720-78077	Instrument ID:	HP4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	091610005.D
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	10 mL
Date Analyzed:	09/16/2010 1044			Final Weight/Volume:	10 mL
Date Prepared:	09/16/2010 1044				

LCSD Lab Sample ID:	LCSD 720-78077/6	Analysis Batch:	720-78077	Instrument ID:	HP4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	091610006.D
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	10 mL
Date Analyzed:	09/16/2010 1116			Final Weight/Volume:	10 mL
Date Prepared:	09/16/2010 1116				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Methyl tert-butyl ether	104	106	62 - 130	3	20		
Benzene	98	95	82 - 127	3	20		
Ethylbenzene	104	99	86 - 135	4	20		
Toluene	103	100	83 - 129	3	20		
m-Xylene & p-Xylene	102	97	70 - 142	5	20		
o-Xylene	104	100	89 - 136	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	107	105	67 - 130
1,2-Dichloroethane-d4 (Surr)	95	95	67 - 130
Toluene-d8 (Surr)	93	93	70 - 130

Client: Environmental Risk Services, Corp. Job Number: 720-30398-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-78077

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID:	LCS 720-78077/7	Analysis Batch:	720-78077	Instrument ID:	HP4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	091610007.D
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	10 mL
Date Analyzed:	09/16/2010 1148			Final Weight/Volume:	10 mL
Date Prepared:	09/16/2010 1148				

LCSD Lab Sample ID:	LCSD 720-78077/8	Analysis Batch:	720-78077	Instrument ID:	HP4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	091610008.D
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	10 mL
Date Analyzed:	09/16/2010 1220			Final Weight/Volume:	10 mL
Date Prepared:	09/16/2010 1220				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Gasoline Range Organics (GRO)-C5-C12	88	87	59 - 111	1	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	104	100	67 - 130
1,2-Dichloroethane-d4 (Surr)	100	95	67 - 130
Toluene-d8 (Surr)	92	90	70 - 130

720-30398

San Francisco
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc. 126729

Client Contact	Project Manager: Steve Michelson	Site Contact: Yola Bayram	Date: 9/8/2010	COC No:
Environmental Risk Services	Tel/Fax: 925-938-1600	Lab Contact:	Carrier:	1 of 1 COCs
1600 Riviera Avenue	Analysis Turnaround Time			Job No.
Walnut Creek, CA 94596	Calendar (C) or Work Days (W) ____ W ____			
(925) 938-1600 x103 Phone	TAT if different from Below ____			SDG No.
(925) 938-1610 FAX	☐ 2 weeks			
Project Name: 1700 Jefferson	☐ 1 week			
Site: 1700 Jefferson Oakland, CA	☒ 5 days			
P O # 1700 Jefferson	☐ 1 day			3.3°C Sample Specific Notes:

	Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	TPHg, BTEX, MTBE(8260)
1	MW-1	9/8/2010	1249		GW	3		x
2	MW-3	9/8/2010	1411		GW	3		x
3	MW-5	9/8/2010	1221		GW	3		x
4	MW-6	9/8/2010	1343		GW	3		x

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments: Please email analytical results to ybayram@erscorp.us
Please issue a Geotracker EDF for Global ID#T0600100196

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	ERS	9-9-10 1600		TestAmerica	9/9/10 1000
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	TestAmerica	9/9/10 1130		TestAmerica	9-9-10 1130
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Check List

Client: Environmental Risk Services, Corp.

Job Number: 720-30398-1

Login Number: 30398

List Source: TestAmerica San Francisco

Creator: Mullen, Joan

List Number: 1

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