



ENVIRONMENTAL MANAGEMENT, INC.

# 3566

October 5, 2000  
Project No. C80-001127G1

Mr. Larry Seto  
Alameda County Health Services Agency  
1131 Harbor Bay Parkway, 2<sup>nd</sup> Floor  
Alameda, California 94502-6577

ENVIRONMENTAL  
PROTECTION  
00 OCT 11 AM 9:31

**Re: Quarterly Monitoring Report – Third Quarter 2000  
Former Texaco Service Station  
1127 Lincoln Avenue at Bay Street  
Alameda, California  
Incident No. 90015162**

Dear Mr. Seto:

On behalf of Equiva Services LLC, Blaine Tech Services (Blaine) performed semiannual (3<sup>rd</sup> quarter) groundwater monitoring and sampling at the direction of KHM Environmental Management, Inc. (KHM) at the above-referenced site on August 8, 2000.

Depth to groundwater was measured in Wells MW-1 through MW-11. Groundwater elevation data and contours are presented on Figure 1.

Groundwater samples were collected from Wells MW-1 through MW-11. Samples were submitted by Blaine to Sequoia Analytical in Morgan Hill, California for analysis for total purgeable petroleum hydrocarbons quantified as gasoline (TPPH); benzene, toluene, ethylbenzene, total xylenes (BTEX); and methyl tert-butyl ether (MTBE) using EPA Method 8015 (modified) and 8020. Samples collected from Well MW-7 were analyzed using EPA Method 8260A to evaluate the presence of MTBE. TPPH, benzene, and MTBE concentrations are presented on Figures 2 through 4, respectively.

Blaine's groundwater monitoring and sampling report, which includes historical and current groundwater elevation data, historical and current analytical results, and field data records for the current monitoring event, is included as Attachment A.

## DISCUSSION

In IT Corporation's (IT) *Quarterly Monitoring Report – Second Quarter 2000* dated July 20, 2000, IT recommended that the site be considered for environmental case closure and proposed that monitoring and sampling the existing well network be conducted on a semiannual basis while the site is under closure review. Alameda County Health Services Agency (ACHSA), in a letter dated July 25, 2000, concurred with this proposal and requested that IT submit a closure summary report. IT submitted an *Underground Storage Tank Case Review/Closure Request* to the ACHSA on August 10, 2000.

In an ACHSA letter dated September 21, 2000, ACHSA documented its review of IT's *Underground Storage Tank Case Review/Closure Request*; however, to assist the ACHSA in further evaluating the site, the ACHSA requested graphical illustrations of TPPH and benzene trends in Wells MW-1 through MW-3, MW-5, MW-6, and MW-8. TPPH and benzene trends for Wells MW-1, MW-2, MW-3, MW-5, MW-6, and MW-8 are presented as Figures 5 through 10, respectively.

KHM will continue to monitor and sample the existing well network on a semiannual basis in the first and third quarters. The next scheduled monitoring and sampling event will occur in February 2001.

Please call if you have any questions regarding the contents of this letter.

Sincerely,

**KHM Environmental Management, Inc.**

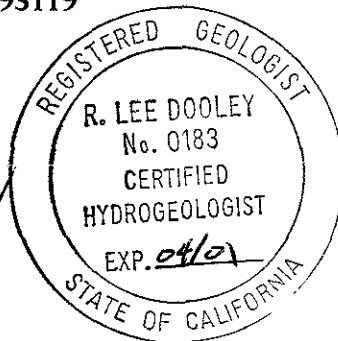
**6284 San Ignacio Avenue, Suite E**

**San Jose, California 95119**

**(408) 224-4724**



R. Lee Dooley  
Senior Hydrogeologist  
CHG 0183

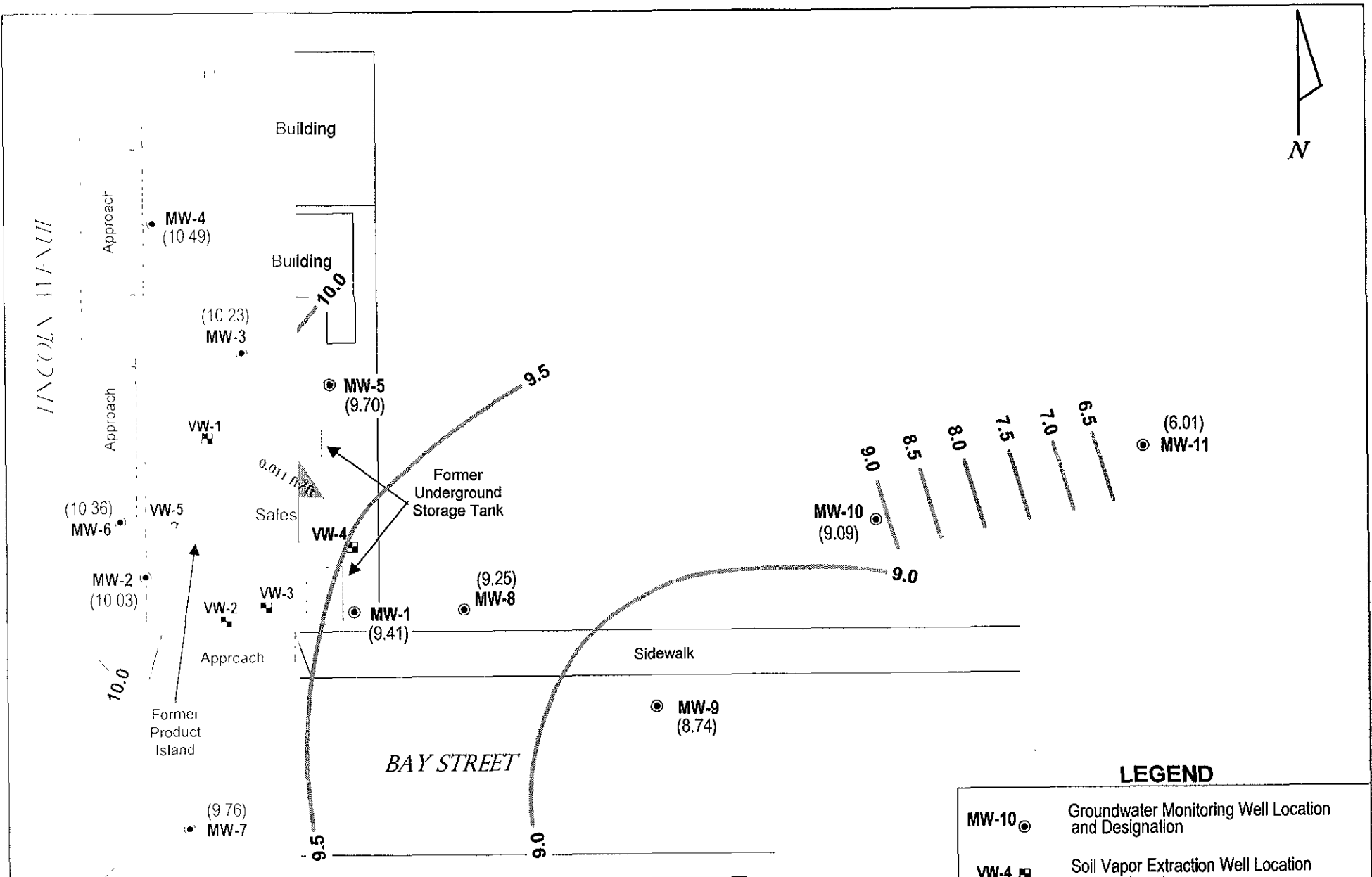


October 5, 2000

Page 3

Attachments: Figure 1 – Groundwater Elevation Contour Map  
Figure 2 – TPPH Concentration Map  
Figure 3 – Benzene Concentration Map  
Figure 4 – MTBE Concentration Map  
Figure 5 –TPPH and Benzene Concentration Trends – Well MW-1  
Figure 6 –TPPH and Benzene Concentration Trends – Well MW-2  
Figure 7 –TPPH and Benzene Concentration Trends – Well MW-3  
Figure 8 –TPPH and Benzene Concentration Trends – Well MW-5  
Figure 9 –TPPH and Benzene Concentration Trends – Well MW-6  
Figure 10 –TPPH and Benzene Concentration Trends – Well MW-8  
Attachment A – Groundwater Monitoring and Sampling Report

cc: Ms. Karen Petryna, P.E., Equiva Services LLC, P.O. Box 7869, Burbank, CA 91510-7869  
Mr. Richard Hiatt, California Regional Water Quality Control Board, San Francisco Bay Region,  
1515 Clay Street, Suite 1400, Oakland, CA 94612  
Mr. Leo Pagano, 1127 Lincoln Avenue, Alameda, CA 94602

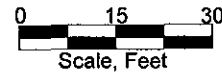


**LEGEND**

- MW-10 ● Groundwater Monitoring Well Location and Designation
- VW-4 ■ Soil Vapor Extraction Well Location and Designation
- (8.74) Groundwater Elevation (Feet, MSL); Measured 8/8/00
- 9.0 Groundwater Elevation Contour (Feet, MSL)
- 0.011 ft/ft Approximate Groundwater Flow Direction and Gradient

**Groundwater Elevation Contour Map**

Former Texaco Service Station  
 1127 Lincoln Avenue at Bay Street  
 Alameda, California

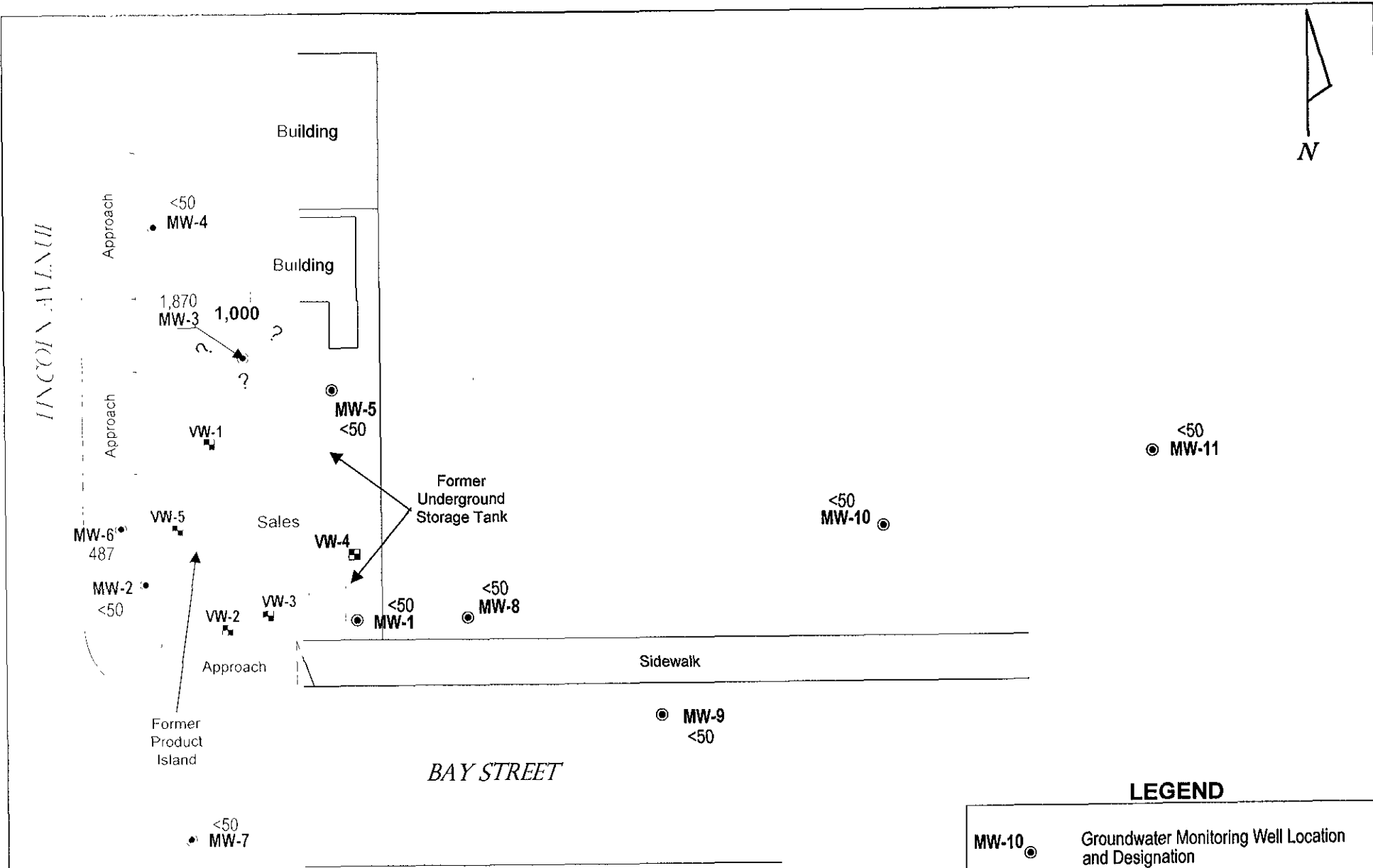


**KHM**  
 ENVIRONMENTAL  
 MANAGEMENT,  
 INC

DATE 10/5/00

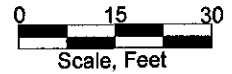
PROJECT C80-001127G1

FIGURE 1

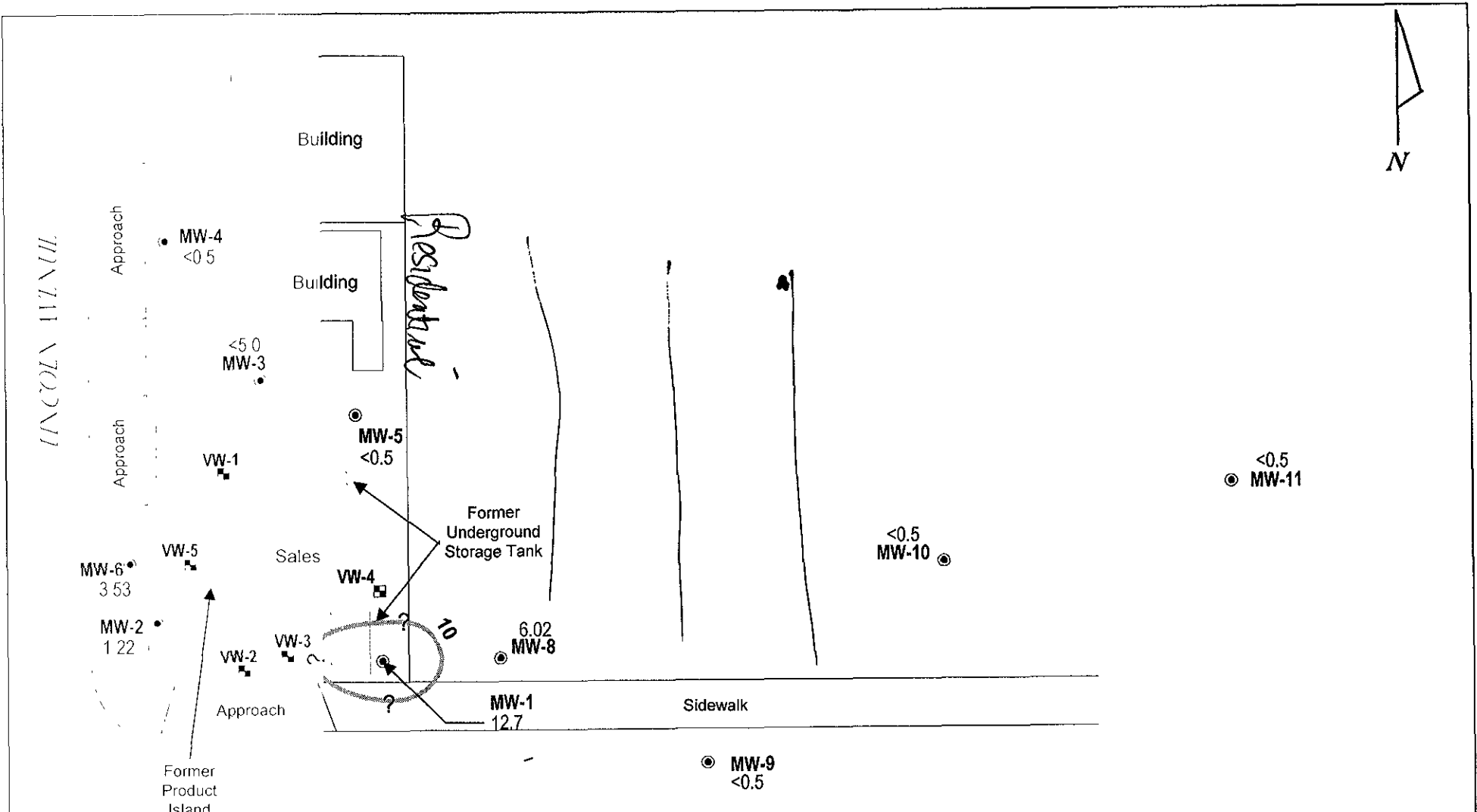


**LEGEND**

- MW-10 ● Groundwater Monitoring Well Location and Designation
- VW-4 ■ Soil Vapor Extraction Well Location and Designation
- <50 TPPH Concentration in Groundwater (Parts Per Billion); Sampled 8/8/00
- 1,000 TPPH Isoconcentration (Parts Per Billion)



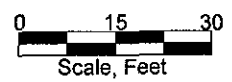
<b>KHM</b> ENVIRONMENTAL MANAGEMENT, INC	<b>TPPH Concentration Map</b>		
	Former Texaco Service Station 1127 Lincoln Avenue at Bay Street Alameda, California		
	DATE 10/5/00	PROJECT C80-001127G1	FIGURE 2



**LEGEND**

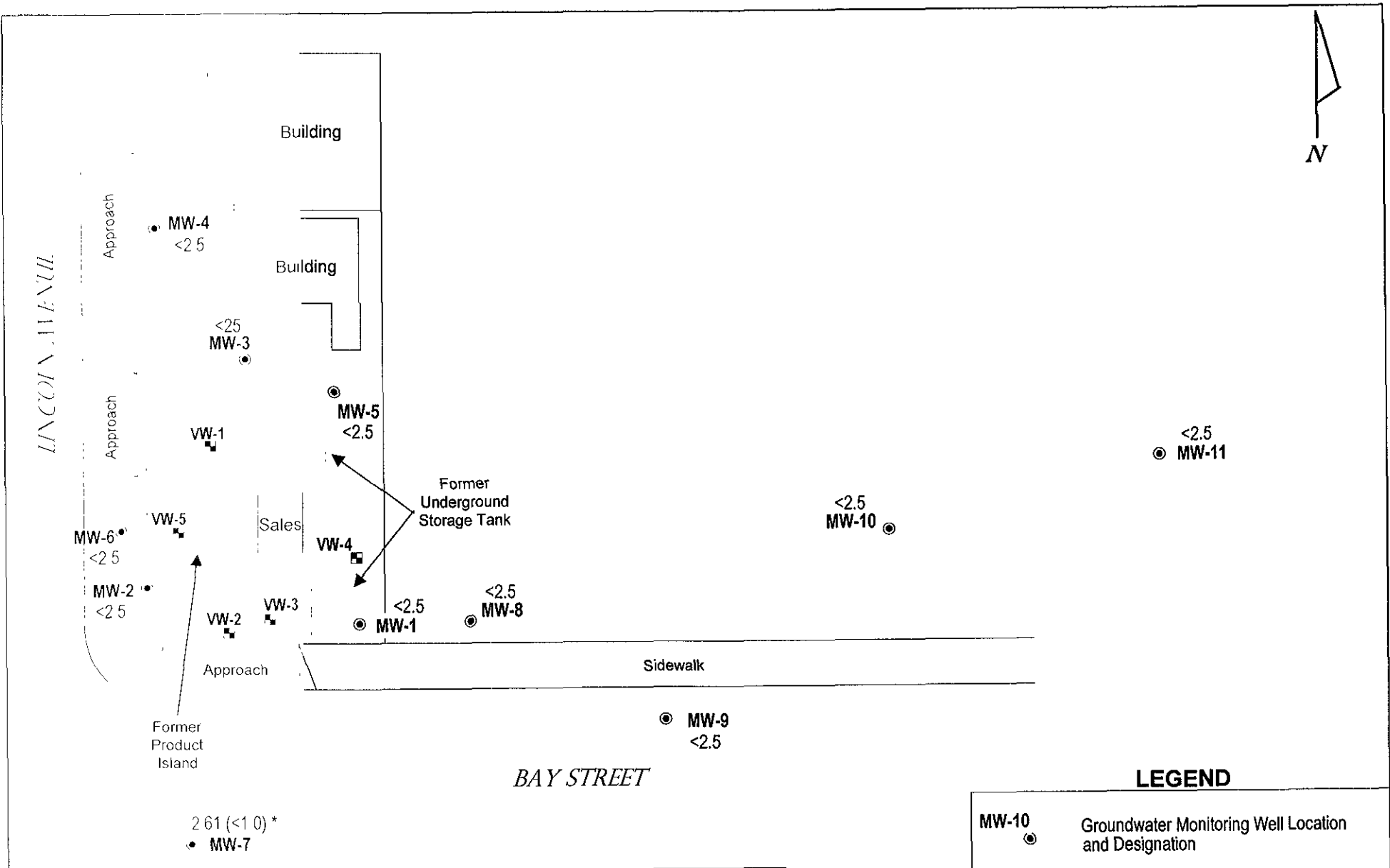
MW-10	Groundwater Monitoring Well Location and Designation
VW-4	Soil Vapor Extraction Well Location and Designation
<0.5	Benzene Concentration in Groundwater (Parts Per Billion); Sampled 8/8/00
10	Benzene Isoconcentration (Parts Per Billion)

**Benzene Concentration Map**  
**Former Texaco Service Station**  
**1127 Lincoln Avenue at Bay Street**  
**Alameda, California**



**KHM**  
 ENVIRONMENTAL  
 MANAGEMENT,  
 INC.

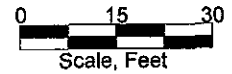
DATE: 10/5/00	PROJECT: C80-001127G1	FIGURE: 3
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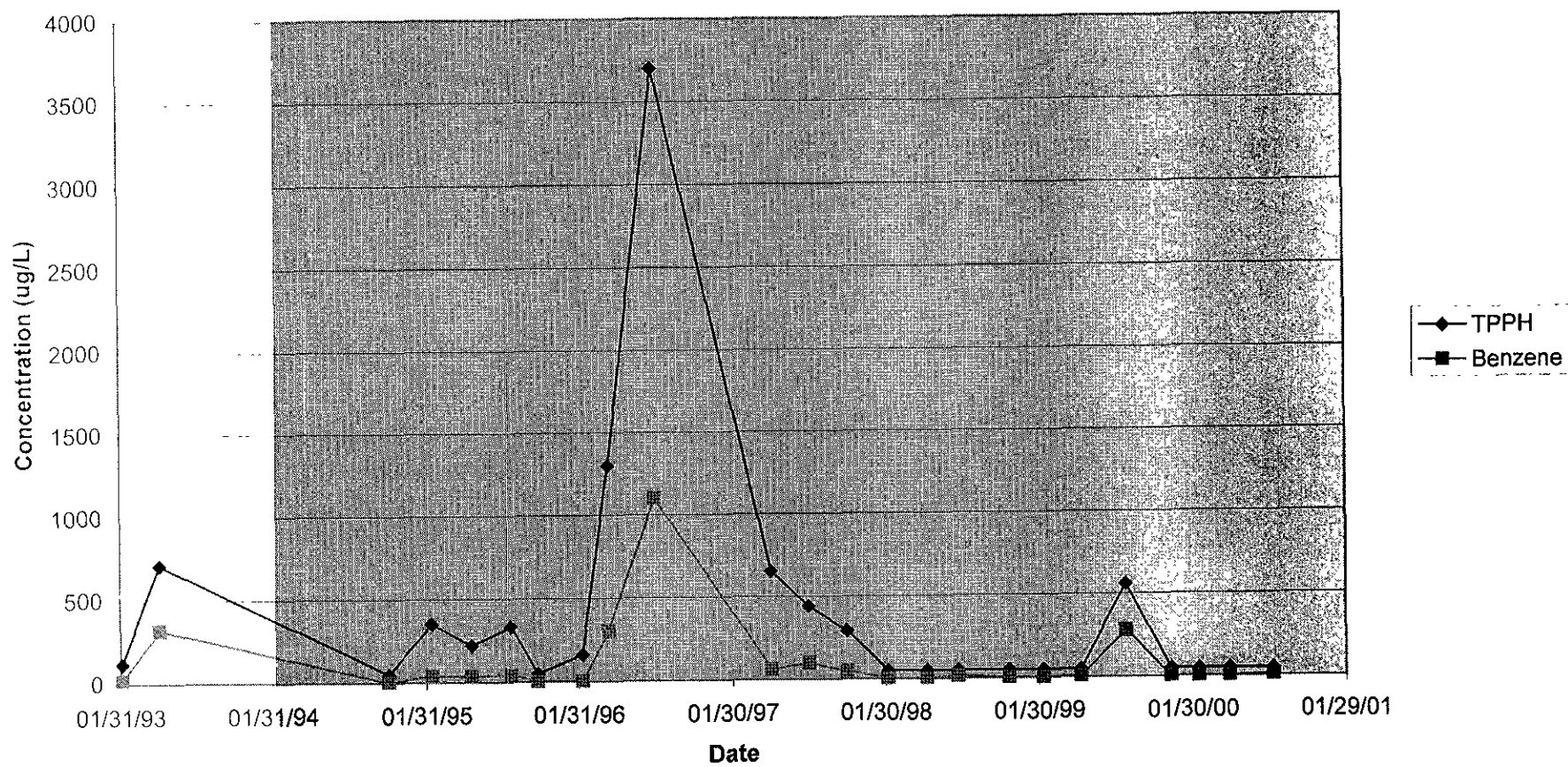
**LEGEND**

- MW-10 Groundwater Monitoring Well Location and Designation
- VW-4 Soil Vapor Extraction Well Location and Designation
- 2.61 MTBE by EPA Method 8020 Concentration In Groundwater (Parts Per Billion); Sampled 8/8/00
- (<1.0) MTBE Evaluated By EPA Method 8260
- \* Analyzed Past Hold Time

	<b>MTBE Concentration Map</b>	
	<b>Former Texaco Service Station</b> 1127 Lincoln Avenue at Bay Street Alameda, California	
	DATE 10/5/00	PROJECT C80-001127G1



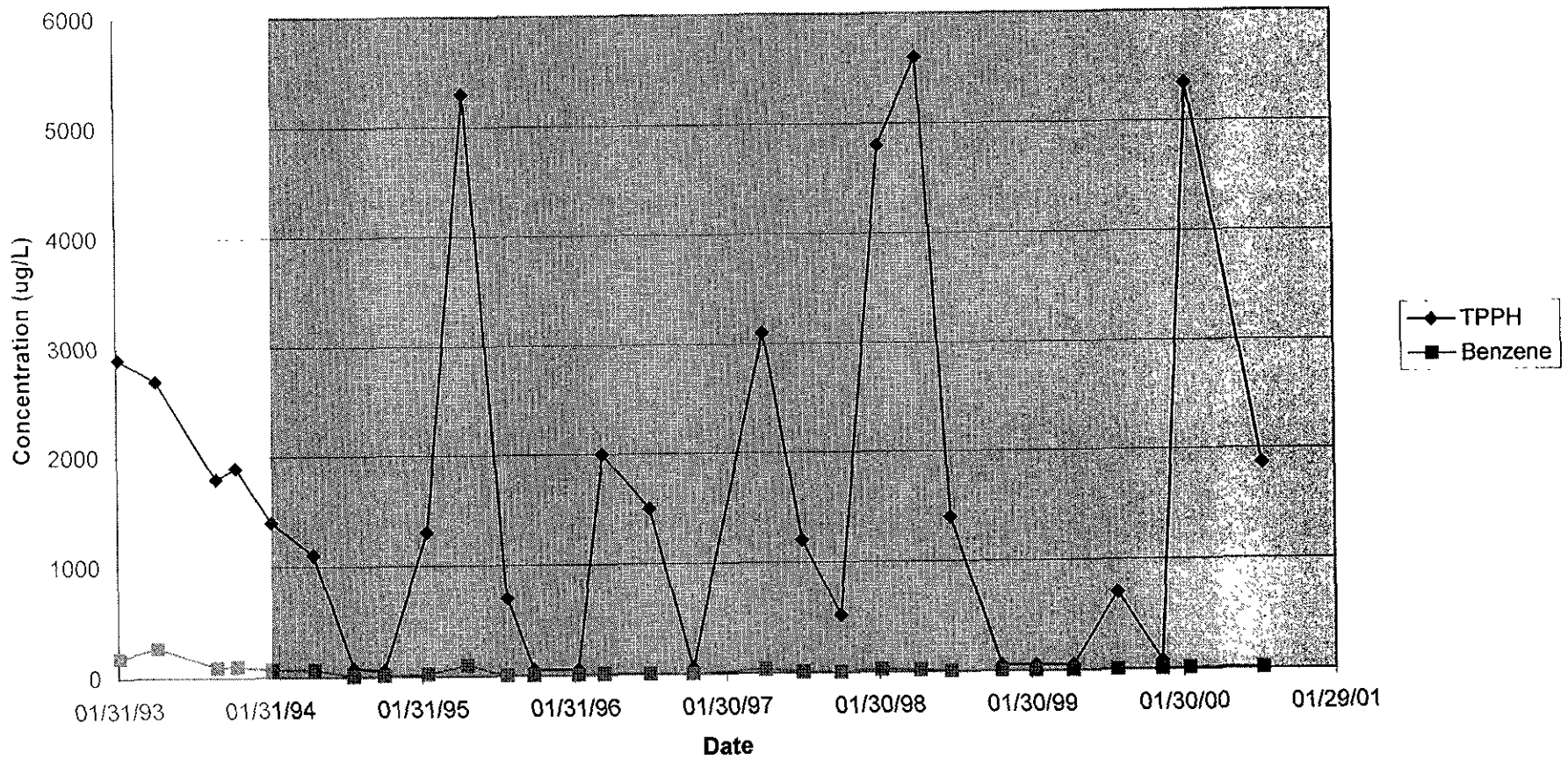
**FIGURE 5**  
**TPPH and Benzene Concentration Trends**  
**Well MW-1**  
Former Texaco Service Station  
1127 Lincoln Avenue at Bay Street  
Alameda, California



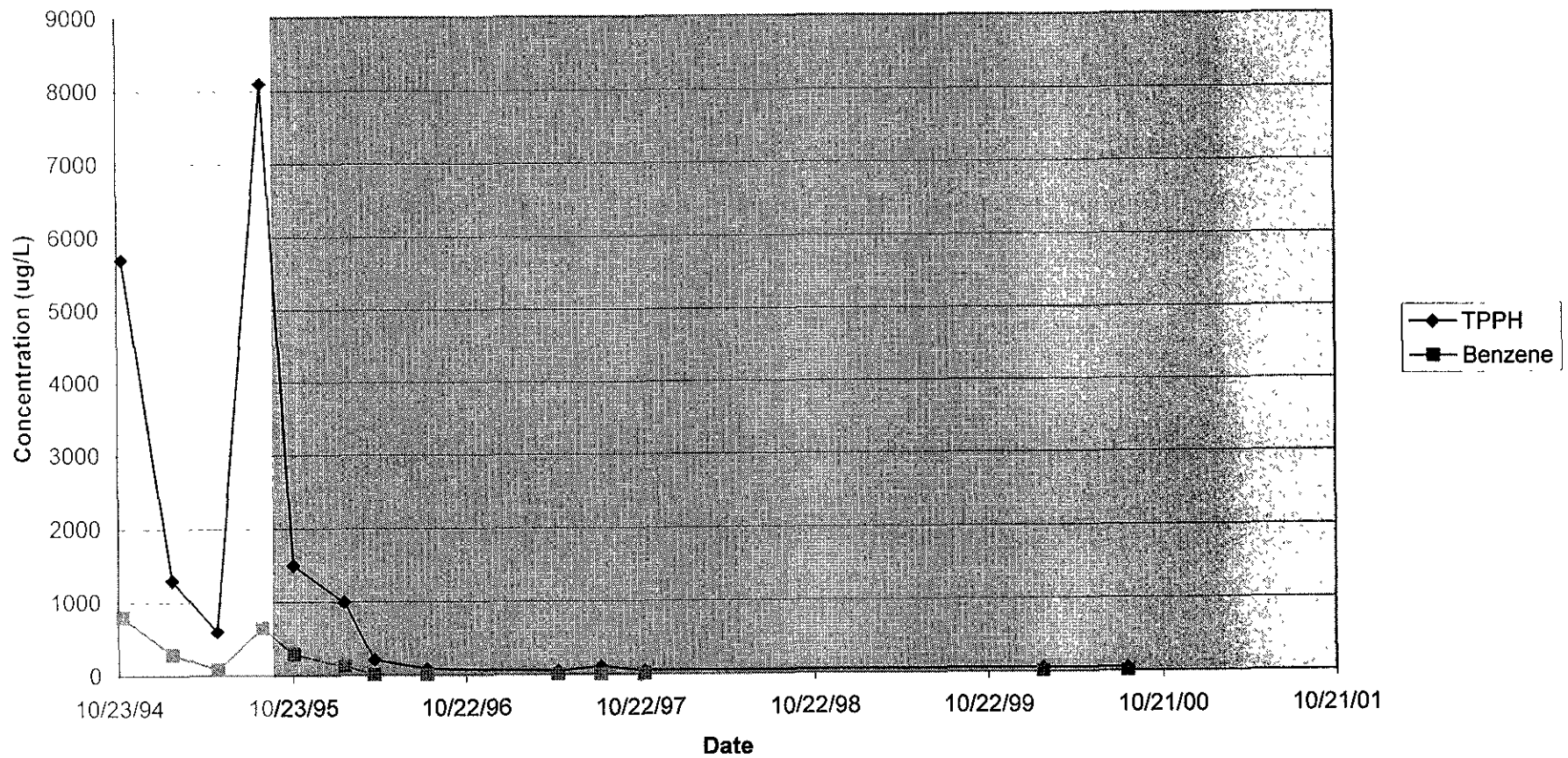




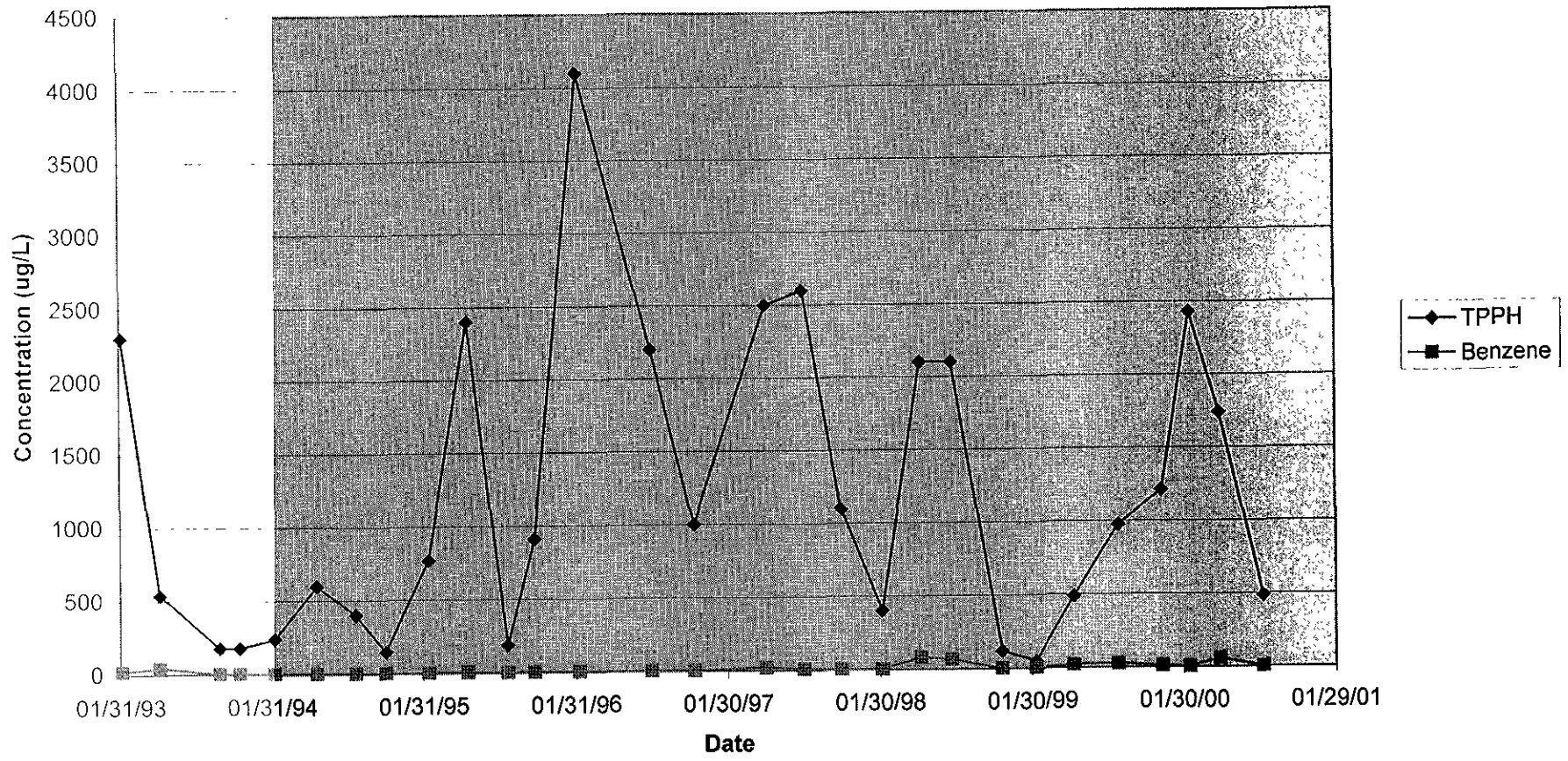
**FIGURE 7**  
**TPPH and Benzene Concentration Trends**  
**Well MW-3**  
Former Texaco Service Station  
1127 Lincoln Avenue at Bay Street  
Alameda, California



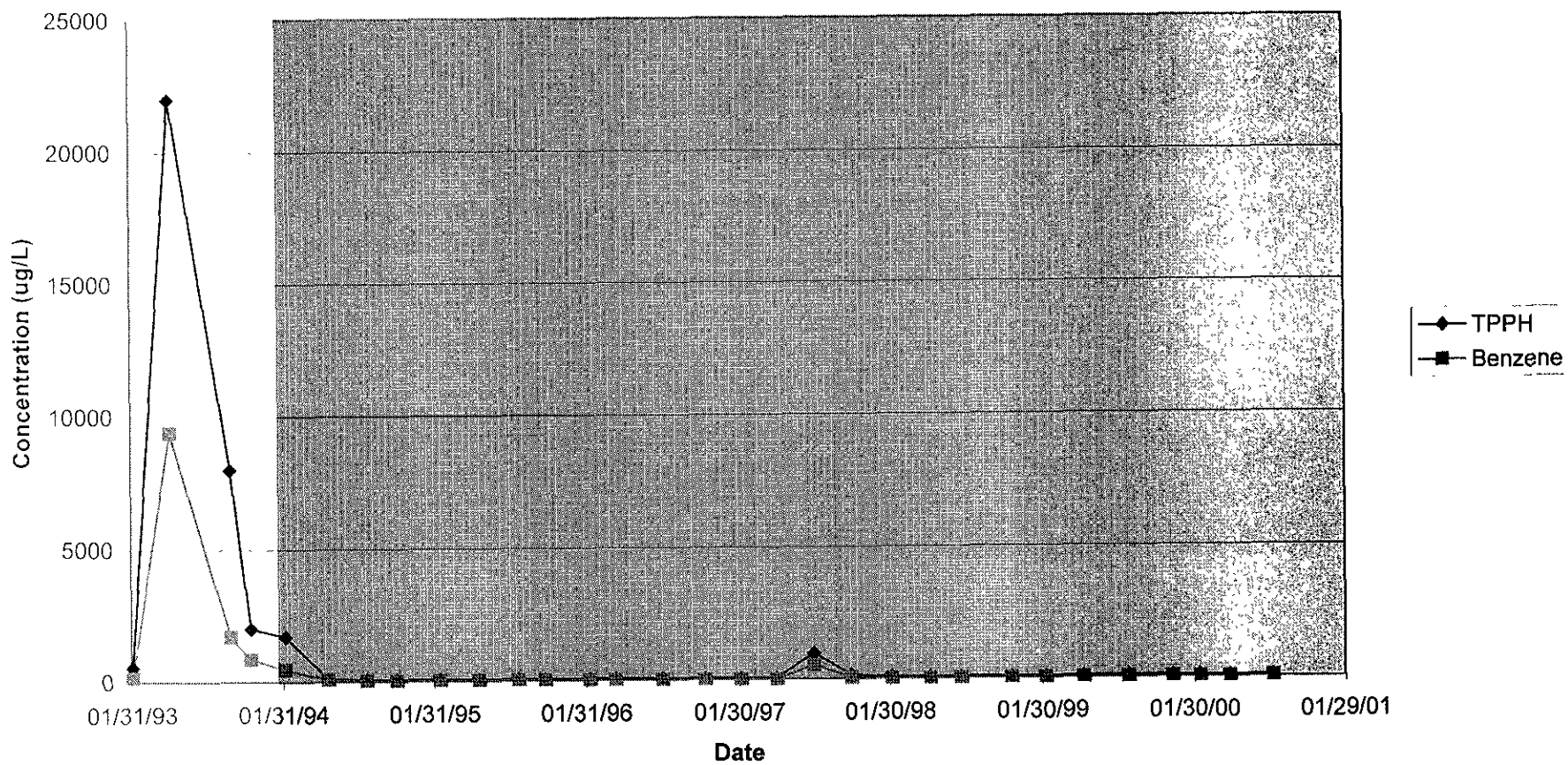
**FIGURE 8**  
**TPPH and Benzene Concentration Trends**  
**Well MW-5**  
Former Texaco Service Station  
1127 Lincoln Avenue at Bay Street  
Alameda, California



**FIGURE 9**  
**TPPH and Benzene Concentration Trends**  
**Well MW-6**  
Former Texaco Service Station  
1127 Lincoln Avenue at Bay Street  
Alameda, California



**FIGURE 10**  
**TPPH and Benzene Concentration Trends**  
**Well MW-8**  
Former Texaco Service Station  
1127 Lincoln Avenue at Bay Street  
Alameda, California



**ATTACHMENT A**

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**GROUNDWATER MONITORING AND SAMPLING REPORT**

**BLAINE**  
TECH SERVICES, INC.



1680 ROGERS AVENUE  
SAN JOSE, CA 95112-1105  
(408) 573-7771 FAX  
(408) 573-0555 PHONE  
CONTRACTOR'S LICENSE #746684  
www.blainetech.com

September 6, 2000

Karen Petryna  
Equiva Services LLC  
P.O. Box 7869  
Burbank, CA 91510-7869

Third Quarter 2000 Groundwater Monitoring at  
Former Texaco Service Station  
1127 Lincoln Avenue  
Alameda, CA

Monitoring performed on August 8, 2000

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Groundwater Monitoring Report 000808-Y-1

This report covers the routine monitoring of groundwater wells at this Former Texaco facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

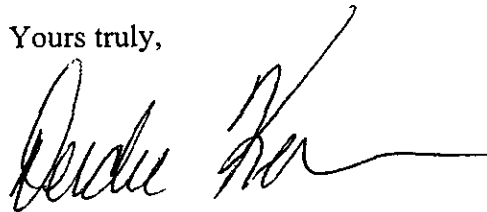
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,

A handwritten signature in black ink, appearing to read "Deidre Kerwin", with a long horizontal flourish extending to the right.

Deidre Kerwin  
Operations Manager

DK/pb

attachments: Cumulative Table of WELL CONCENTRATIONS  
Certified Analytical Report  
Field Data Sheet

cc: Janet Yantis  
KHM Environmental  
6234 San Ignacio Avenue, Suite E  
San Jose, CA 95119



**WELL CONCENTRATIONS**  
**Former Texaco Service Station**  
**1127 Lincoln Avenue**  
**Alameda, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-1	01/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	5.63	10.51	NA
MW-1	02/04/1993	120	NA	22	3.1	3.3	10	NA	NA	16.14	6.02	10.12	NA
MW-1	03/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	5.92	10.22	NA
MW-1	05/06/1993	710	NA	320	3.1	4.2	20	NA	NA	16.14	6.76	9.38	NA
MW-1	06/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	6.81	9.33	NA
MW-1	07/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	08/31/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	09/27/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	10/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	11/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	12/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	02/07/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	05/20/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	08/22/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.14	7.78	8.36	NA
MW-1	11/02/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	16.14	NA	NA	NA
MW-1	02/14/1995	350	NA	40	1.6	15	31	NA	NA	16.14	15.16	0.98	NA
MW-1	05/19/1995	220	NA	35	2.4	7.2	23	NA	NA	16.14	13.90	2.24	NA
MW-1	08/22/1995	330	NA	44	1.2	14	21	<10	NA	16.14	7.06	9.08	NA
MW-1	10/25/1995	<50	NA	1.6	<0.5	<0.5	<0.5	NA	NA	16.14	NA	NA	NA
MW-1	02/09/1996	160	NA	3.2	1.5	0.9	2.7	NA	NA	16.14	NA	NA	NA
MW-1	04/11/1996	1,300	NA	300	85	25	110	NA	NA	16.14	NA	NA	NA
MW-1	08/01/1996	3,700	NA	1,100	80	46	210	NA	NA	16.14	NA	NA	NA
MW-1	11/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	02/04/1997	NA	NA	NA	NA	NA	NA	NA	NA	16.14	5.40	10.74	NA
MW-1	05/02/1997	650	NA	63	<3	4.3	2.2	<30	NA	16.14	6.46	9.68	NA
MW-1	07/31/1997	440	NA	99	1.6	2.6	5.8	<30	NA	16.14	6.98	9.16	NA

**WELL CONCENTRATIONS**  
**Former Texaco Service Station**  
**1127 Lincoln Avenue**  
**Alameda, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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MW-1	10/30/1997	290	NA	48	0.5	0.9	1.9	<30	NA	16.14	8.00	8.14	NA
MW-1	02/04/1998	<50	NA	1.3	<0.5	<0.5	<0.5	NA	NA	16.14	3.40	12.74	NA
MW-1	05/08/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	16.14	5.09	11.05	NA
MW-1	07/21/1998	50	NA	16	<0.5	<0.5	0.7	5.6	NA	16.14	6.50	9.64	NA
MW-1	11/19/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.0	NA	16.14	6.79	9.35	NA
MW-1	02/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	16.14	4.40	11.74	NA
MW-1	05/10/1999	<50	NA	8.2	<0.50	<0.50	<0.50	<2.5	NA	16.14	5.87	10.27	NA
MW-1	08/25/1999	558	NA	279	8.17	0.829	<5.00	12.7	NA	16.14	7.16	8.98	NA
MW-1	12/09/1999	<50.0	NA	1.10	0.800	0.801	5.44	<5.00	NA	16.14	6.94	9.20	NA
MW-1	02/14/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<2.0	16.14	3.92	12.22	NA
MW-1	04/26/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	16.14	5.66	10.48	NA
MW-1	08/08/2000	<50.0	NA	12.7	<0.500	<0.500	<0.500	<2.50	NA	16.14	6.73	9.41	NA

MW-2	01/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	6.29	10.55	NA
MW-2	02/04/1993	430	NA	45	0.5	20	30	NA	NA	16.84	6.60	10.24	NA
MW-2	03/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	6.36	10.48	NA
MW-2	05/06/1993	2,000	NA	460	2.4	160	66	NA	NA	16.84	6.37	10.47	NA
MW-2	06/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	7.04	9.80	NA
MW-2	07/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	08/31/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	09/27/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	10/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	11/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	12/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	02/07/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	05/20/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	08/22/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.84	8.08	8.76	NA

**WELL CONCENTRATIONS**  
**Former Texaco Service Station**  
**1127 Lincoln Avenue**  
**Alameda, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-2	11/02/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	02/14/1995	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	05/19/1995	580	NA	75	19	5.1	30	NA	NA	16.84	11.77	5.07	NA
MW-2	08/22/1995	1,200	NA	130	8.3	84	86	<10	NA	16.84	7.22	9.62	NA
MW-2	10/25/1995	350	NA	79	1.2	55	13	NA	NA	16.84	12.11	4.73	NA
MW-2	02/09/1996	<50	NA	1.5	0.5	1.1	1.5	NA	NA	16.84	NA	NA	NA
MW-2	04/11/1996	80	NA	1.5	<0.5	<0.5	<0.5	NA	NA	16.84	11.20	5.64	NA
MW-2	08/01/1996	330	NA	42	0.6	20	8.1	NA	NA	16.84	7.00	9.84	NA
MW-2	11/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	02/04/1997	NA	NA	NA	NA	NA	NA	NA	NA	16.84	5.48	11.36	NA
MW-2	05/02/1997	<50	NA	1.5	<0.5	<0.5	0.5	<30	NA	16.84	6.93	9.91	NA
MW-2	07/31/1997	50	NA	1.8	<0.5	<0.5	<0.5	74	NA	16.84	9.10	7.74	NA
MW-2	10/30/1997	63	NA	3.1	<0.5	0.6	1.1	34	NA	16.84	8.33	8.51	NA
MW-2	02/04/1998	<50	NA	6.5	<0.5	1.2	<0.5	NA	NA	16.84	4.88	11.96	NA
MW-2	05/08/1998	<50	NA	0.6	<0.5	<0.5	<0.5	<2.5	NA	16.84	6.00	10.84	NA
MW-2	07/21/1998	81	NA	7.2	<0.5	1.1	1.1	6.3	NA	16.84	6.92	9.92	NA
MW-2	11/19/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.0	NA	16.84	7.41	9.43	NA
MW-2	02/09/1999	257	NA	16.0	0.760	<0.500	1.07	7.36	NA	16.84	6.60	10.24	NA
MW-2	05/10/1999	91	NA	11	<0.50	5.9	1.8	2.7	NA	16.84	6.52	10.32	NA
MW-2	08/25/1999	<50.0	NA	3.75	<0.500	2.79	1.42	7.43	6.00	16.84	7.23	9.61	NA
MW-2	12/09/1999	178	NA	5.13	2.02	2.25	10.2	<5.00	NA	16.84	7.59	9.25	NA
MW-2	02/14/2000	207	NA	7.78	<0.500	1.78	<0.500	<2.50	<2.0	16.84	6.11	10.73	NA
MW-2	04/26/2000	<50.0	NA	1.82	<0.500	<0.500	<0.500	<2.50	NA	16.84	6.11	10.73	NA
MW-2	08/08/2000	<50.0	NA	1.22	<0.500	<0.500	<0.500	<2.50	NA	16.84	6.81	10.03	NA
MW-3	01/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.86	5.82	11.04	NA
MW-3	02/04/1993	2,900	NA	180	13	210	350	NA	NA	16.86	6.01	10.85	NA

**WELL CONCENTRATIONS**  
**Former Texaco Service Station**  
**1127 Lincoln Avenue**  
**Alameda, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-3	03/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.86	5.88	10.98	NA
MW-3	05/06/1993	2,700	NA	270	6.2	300	720	NA	NA	16.86	6.38	10.48	NA
MW-3	06/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.86	NA	NA	NA
MW-3	07/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.86	7.22	9.64	NA
MW-3	08/31/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.86	7.87	8.99	NA
MW-3	09/27/1993	1,800	NA	92	1.7	99	240	NA	NA	16.86	8.58	8.28	NA
MW-3	10/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.86	9.13	7.73	NA
MW-3	11/15/1993	1,900	NA	100	2.4	85	280	NA	NA	16.86	8.84	8.02	NA
MW-3	12/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.86	7.80	9.06	NA
MW-3	02/07/1994	1,400	NA	69	3.3	100	320	NA	NA	16.86	8.43	8.43	NA
MW-3	05/20/1994	1,100	NA	64	19	120	180	NA	NA	16.86	6.79	10.07	NA
MW-3	08/22/1994	77	NA	4.3	<0.5	2.0	5.6	NA	NA	16.86	8.32	8.54	NA
MW-3	11/02/1994	<50	NA	0.8	<0.5	<0.5	<0.5	NA	NA	16.86	10.98	5.88	NA
MW-3	02/14/1995	1,300	NA	24	5	85	360	NA	NA	16.86	7.93	8.93	NA
MW-3	05/19/1995	5,300	NA	98	28	650	1,700	NA	NA	16.86	8.44	8.42	NA
MW-3	08/22/1995	700	NA	4.1	1.1	50	72	<10	NA	16.86	7.54	9.32	NA
MW-3	10/25/1995	<50	NA	2.4	<0.5	<0.5	1.6	NA	NA	16.86	9.03	7.83	NA
MW-3	02/09/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	16.86	7.05	9.81	NA
MW-3	04/11/1996	2,000	NA	11.0	3.9	190	500	NA	NA	16.86	7.44	9.42	NA
MW-3	08/01/1996	1,500	NA	8.4	<0.5	160	150	NA	NA	16.86	7.08	9.78	NA
MW-3	11/11/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	16.86	7.84	9.02	NA
MW-3	02/04/1997	1,500	NA	12	1.3	210	330	<30	NA	16.86	5.17	11.69	NA
MW-3	05/02/1997	3,100	NA	35	<3	520	540	<30	NA	16.86	6.63	10.23	NA
MW-3	07/31/1997	1,200	NA	11	<0.5	140	100	<30	NA	16.86	7.32	9.54	NA
MW-3	10/30/1997	520	NA	6.1	<0.5	58	46	<30	NA	16.86	7.46	9.40	NA
MW-3	02/04/1998	4,800	NA	25	4.0	660	1,200	NA	NA	16.86	4.18	12.68	NA
MW-3	05/08/1998	5,600	NA	17	6.7	300	590	11	NA	16.86	5.84	11.02	NA

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MW-3	07/21/1998	1,400	NA	3.4	<1.0	110	270	<5.0	NA	16.86	6.75	10.11	NA
MW-3	11/19/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.0	NA	16.86	7.61	9.25	NA
MW-3	02/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	16.86	6.31	10.55	NA
MW-3	05/10/1999	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	16.86	6.25	10.61	NA
MW-3	08/25/1999	704	NA	1.75	<1.00	76.1	84.3	15.4	NA	16.86	7.32	9.54	NA
MW-3	12/09/1999	81.1	NA	2.62	1.35	0.975	8.88	<5.00	NA	16.86	7.32	9.54	NA
MW-3	02/14/2000	5,340	NA	14.0	<2.50	520	871	<12.5	<2.0	16.86	5.82	11.04	NA
MW-3	04/26/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	16.86	NA	NA	NA
MW-3	08/08/2000	1,870	NA	<5.00	<5.00	237	210	<25.0	NA	16.86	6.63	10.23	NA

MW-4	01/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.13	5.91	11.22	NA
MW-4	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	17.13	6.14	10.99	NA
MW-4	03/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.13	5.81	11.32	NA
MW-4	05/06/1993	<50	NA	1.6	<0.5	1.0	2.1	NA	NA	17.13	6.49	10.64	NA
MW-4	06/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.13	6.34	10.79	NA
MW-4	07/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.13	7.29	9.84	NA
MW-4	08/31/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.13	8.02	9.11	NA
MW-4	09/27/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.13	NA	NA	NA
MW-4	10/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.13	9.14	7.99	NA
MW-4	11/15/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	17.13	9.01	8.12	NA
MW-4	12/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.13	7.91	9.22	NA
MW-4	02/07/1994	<50	NA	<0.5	<0.5	<0.5	2.6	NA	NA	17.13	8.02	9.11	NA
MW-4	05/20/1994	82	NA	6.2	7.6	3.3	17	NA	NA	17.13	6.85	10.28	NA
MW-4	08/22/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	17.13	8.48	8.65	NA
MW-4	11/02/1994	<50	NA	<0.5	0.6	<0.5	<0.5	NA	NA	17.13	10.52	6.61	NA
MW-4	02/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	17.13	6.99	10.14	NA
MW-4	05/19/1995	66	NA	0.8	0.6	0.9	3.6	NA	NA	17.13	7.61	9.52	NA

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MW-4	08/22/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	<10	NA	17.13	7.62	9.51	NA
MW-4	10/25/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	17.13	8.62	8.51	NA
MW-4	02/09/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	17.13	6.60	10.53	NA
MW-4	04/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	17.13	6.54	10.59	NA
MW-4	08/01/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	17.13	7.04	10.09	NA
MW-4	11/11/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	17.13	7.95	9.18	NA
MW-4	02/04/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	17.13	5.24	11.89	NA
MW-4	05/02/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	17.13	6.61	10.52	NA
MW-4	07/31/1997	<50	NA	7.2	<0.5	0.7	2.0	<30	NA	17.13	7.40	9.73	NA
MW-4	10/30/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	17.13	7.52	9.61	NA
MW-4	02/04/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	17.13	4.28	12.85	NA
MW-4	05/08/1998	<100	NA	<1.0	<1.0	<1.0	<1.0	<5.0	NA	17.13	5.74	11.39	NA
MW-4	07/21/1998	<50	NA	2.0	2.2	1.2	6.3	<2.5	NA	17.13	6.75	10.38	NA
MW-4	11/19/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.0	NA	17.13	7.51	9.62	NA
MW-4	02/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	17.13	6.45	10.68	NA
MW-4	05/10/1999	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.13	6.10	11.03	NA
MW-4	08/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	17.13	7.32	9.81	NA
MW-4	12/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	17.13	7.17	9.96	NA
MW-4	02/14/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<2.0	17.13	5.97	11.16	NA
MW-4	04/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	17.13	5.77	11.36	NA
MW-4	08/08/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	17.13	6.64	10.49	NA

MW-5	01/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	02/04/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	03/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	5.45	10.14	NA
MW-5	05/06/1993	6,200	NA	460	980	300	1,200	NA	NA	15.59	6.00	9.59	NA
MW-5	06/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	7.81	7.78	NA

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MW-5	07/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	08/31/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	09/27/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	10/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	11/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	12/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	02/07/1994	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	05/20/1994	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	08/22/1994	NA	NA	NA	NA	NA	NA	NA	NA	15.59	7.27	8.32	NA
MW-5	11/02/1994	5,700	NA	800	400	4.7	600	NA	NA	15.59	NA	NA	NA
MW-5	02/14/1995	1,300	NA	290	76	21	140	NA	NA	15.59	NA	NA	NA
MW-5	05/19/1995	600	NA	83	20	5.7	33	NA	NA	15.59	11.55	4.04	NA
MW-5	08/22/1995	8,100	NA	650	720	54	1,700	<50	NA	15.59	6.02	9.57	NA
MW-5	10/25/1995	1,500	NA	290	85	15	170	NA	NA	15.59	11.05	4.54	NA
MW-5	02/09/1996	1,000	NA	120	49	26	130	NA	NA	15.59	6.70	8.89	NA
MW-5	04/11/1996	210	NA	5.7	<0.5	9.2	22	NA	NA	15.59	12.21	3.38	NA
MW-5	08/01/1996	86	NA	<0.5	<0.5	<0.5	5.3	NA	NA	15.59	2.80	12.79	NA
MW-5	11/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	02/04/1997	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	05/02/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	15.59	7.01	8.58	NA
MW-5	07/31/1997	110	NA	5.8	3.2	5.8	17	<30	NA	15.59	6.78	8.81	NA
MW-5	10/30/1997	50	NA	0.8	<0.5	0.5	5.2	<30	NA	15.59	7.69	7.90	NA
MW-5	02/04/1998	Well inaccessible		NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	05/08/1998	Well inaccessible		NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	07/21/1998	Well inaccessible		NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	11/19/1998	Well inaccessible		NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	02/09/1999	Well inaccessible		NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA

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MW-5	03/01/1999	Well inaccessible		NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	05/10/1999	Well inaccessible		NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	08/25/1999	Well inaccessible		NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	02/14/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<2.0	15.59	3.50	12.09	NA
MW-5	04/26/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	08/08/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	15.59	5.89	9.70	NA
MW-6	01/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.05	6.63	10.42	NA
MW-6	02/04/1993	2,300	NA	19	5.4	27	220	NA	NA	17.05	6.48	10.57	NA
MW-6	03/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.05	6.68	10.37	NA
MW-6	05/06/1993	540	NA	44	0.9	7.0	6.7	NA	NA	17.05	6.93	10.12	NA
MW-6	06/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.05	7.00	10.05	NA
MW-6	07/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.05	7.25	9.80	NA
MW-6	08/31/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.05	7.83	9.22	NA
MW-6	09/27/1993	180	NA	2.7	0.7	6.3	13	NA	NA	17.05	8.38	8.67	NA
MW-6	10/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.05	8.76	8.29	NA
MW-6	11/15/1993	180	NA	2.2	0.9	5.4	16	NA	NA	17.05	8.65	8.40	NA
MW-6	12/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.05	7.78	9.27	NA
MW-6	02/07/1994	240	NA	2.9	1.2	3.9	7.1	NA	NA	17.05	7.90	9.15	NA
MW-6	05/20/1994	600	NA	4.5	2.2	24	66	NA	NA	17.05	6.95	10.10	NA
MW-6	08/22/1994	400	NA	3.2	1.0	7.9	40	NA	NA	17.05	8.17	8.88	NA
MW-6	11/02/1994	150	NA	1.6	1.3	6.5	27	NA	NA	17.05	10.56	6.49	NA
MW-6	02/14/1995	770	NA	4.0	2.9	42	130	NA	NA	17.05	8.08	8.97	NA
MW-6	05/19/1995	2,400	NA	6.9	11	99	350	NA	NA	17.05	8.51	8.54	NA
MW-6	08/22/1995	190	NA	1.0	1.7	5.2	18	<10	NA	17.05	7.50	9.55	NA
MW-6	10/25/1995	910	NA	5.5	3.3	50	160	NA	NA	17.05	8.61	8.44	NA
MW-6	02/09/1996	4,100	NA	3.8	10	60	270	NA	NA	17.05	7.26	9.79	NA



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MW-6	04/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	17.05	7.41	9.64	NA
MW-6	08/01/1996	2,200	NA	5.1	2.4	160	170	NA	NA	17.05	7.10	9.95	NA
MW-6	11/11/1996	1,000	NA	3.7	1.5	38	1,100	<30	NA	17.05	8.04	9.01	NA
MW-6	02/04/1997	2,500	NA	21	3.1	180	320	<30	NA	17.05	6.10	10.95	NA
MW-6	05/02/1997	1,600	NA	33	1.6	92	180	<30	NA	17.05	7.07	9.98	NA
MW-6	07/31/1997	2,600	NA	8.8	5.8	140	280	<30	NA	17.05	7.43	9.62	NA
MW-6	10/30/1997	1,100	NA	3.5	<0.5	64	97	<30	NA	17.05	7.59	9.46	NA
MW-6	02/04/1998	400	NA	2.0	0.6	3.3	36	NA	NA	17.05	5.86	11.19	NA
MW-6	05/08/1998	2,100	NA	83	11	150	250	110	NA	17.05	5.79	11.26	NA
MW-6	07/21/1998	2,100	NA	65	7.4	180	380	110	NA	17.05	7.11	9.94	NA
MW-6	11/19/1998	120	NA	0.785	<0.5	<0.5	1.51	8.31	NA	17.05	7.49	9.56	NA
MW-6	02/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	17.05	7.07	9.98	NA
MW-6	05/10/1999	490	NA	21	0.80	31	62	2.6	NA	17.05	6.86	10.19	NA
MW-6	08/25/1999	977	NA	26.3	2.29	102	127	27.3	NA	17.05	7.55	9.50	NA
MW-6	12/09/1999	1,210	NA	12.3	<10.0	95.9	58.6	<100	NA	17.05	7.93	9.12	NA
MW-6	02/14/2000	2,430	NA	4.87	0.757	80.3	121	<2.50	<2.0	17.05	6.39	10.66	NA
MW-6	04/26/2000	1,740	NA	57.8	6.48	190	252	63.3	2.04a	17.05	6.71	10.34	NA
MW-6	08/08/2000	487	NA	3.53	2.44	29.0	19.7	<2.50	NA	17.05	6.69	10.36	NA

MW-7	01/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.65	6.53	10.12	NA
MW-7	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	16.65	6.40	10.25	NA
MW-7	03/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.65	6.52	10.13	NA
MW-7	05/06/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	06/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.65	6.69	9.96	NA
MW-7	07/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	08/31/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	09/27/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	16.65	7.97	8.68	NA

**WELL CONCENTRATIONS**  
**Former Texaco Service Station**  
**1127 Lincoln Avenue**  
**Alameda, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-7	10/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.65	8.24	8.41	NA
MW-7	11/15/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	16.65	8.22	8.43	NA
MW-7	12/17/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	02/07/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	05/20/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	08/22/1994	130	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	16.65	7.78	8.87	NA
MW-7	11/02/1994	73	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	16.65	9.70	6.95	NA
MW-7	02/14/1995	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	05/19/1995	<50	NA	<0.5	<0.5	<0.5	2.3	NA	NA	16.65	7.33	9.32	NA
MW-7	08/22/1995	400	NA	<0.5	<0.5	<0.5	0.8	<10	NA	16.65	6.72	9.93	NA
MW-7	10/25/1995	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	02/09/1996	NA	NA	NA	NA	NA	NA	NA	NA	16.65	7.06	9.59	NA
MW-7	04/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	08/01/1996	460	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	16.65	6.94	9.71	NA
MW-7	11/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	02/04/1997	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	05/02/1997	150	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	16.65	6.58	10.07	NA
MW-7	07/31/1997	100	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	16.65	7.04	9.61	NA
MW-7	10/30/1997	74	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	16.65	7.02	9.63	NA
MW-7	02/04/1998	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	05/08/1998	65	NA	<0.5	<0.5	<0.5	1.0	<2.5	NA	16.65	6.22	10.43	NA
MW-7	07/21/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	16.65	7.01	9.64	NA
MW-7	11/19/1998	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	02/09/1999	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	05/10/1999	55	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	16.65	6.82	9.83	NA
MW-7	08/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	16.65	7.54	9.11	NA
MW-7	12/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	16.65	7.89	8.76	NA

**WELL CONCENTRATIONS**  
**Former Texaco Service Station**  
**1127 Lincoln Avenue**  
**Alameda, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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MW-7	02/14/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	04/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	16.65	5.39	11.26	NA
MW-7	08/08/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	2.61	<1.00a	16.65	6.89	9.76	NA

MW-8	01/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.87	5.30	10.57	NA
MW-8	02/04/1993	540	NA	150	3.7	5.2	10.0	NA	NA	15.87	5.62	10.25	NA
MW-8	03/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.87	5.56	10.31	NA
MW-8	05/06/1993	22,000	NA	9,400	46	390	520	NA	NA	15.87	5.99	9.88	NA
MW-8	06/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.87	6.32	9.55	NA
MW-8	07/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.87	6.75	9.12	NA
MW-8	08/31/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.87	7.35	8.52	NA
MW-8	09/27/1993	8,000	NA	1,700	22	30	75	NA	NA	15.87	7.86	8.01	NA
MW-8	10/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.87	8.27	7.60	NA
MW-8	11/15/1993	2,000	NA	840	8.8	15	42	NA	NA	15.87	8.17	7.70	NA
MW-8	12/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.87	7.14	8.73	NA
MW-8	02/07/1994	1,700	NA	460	0.6	13	5.0	NA	NA	15.87	7.26	8.61	NA
MW-8	05/20/1994	110	NA	98	1.4	1.3	3.4	NA	NA	15.87	6.17	9.70	NA
MW-8	08/22/1994	51	NA	16	<0.5	<0.5	<0.5	NA	NA	15.87	7.63	8.24	NA
MW-8	11/02/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.87	10.16	5.71	NA
MW-8	02/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.87	7.32	8.55	NA
MW-8	05/19/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.87	7.83	8.04	NA
MW-8	08/22/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	<10	NA	15.87	6.98	8.89	NA
MW-8	10/25/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.87	8.16	7.71	NA
MW-8	02/09/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.87	4.89	10.98	NA
MW-8	04/11/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.87	8.48	7.39	NA
MW-8	08/01/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.87	6.60	9.27	NA
MW-8	11/11/1996	<50	NA	1.3	<0.5	<0.5	0.67	<30	NA	15.87	7.28	8.59	NA

**WELL CONCENTRATIONS**  
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**Alameda, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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MW-8	02/04/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	15.87	5.39	10.48	NA
MW-8	05/02/1997	<50	NA	1.6	<0.5	<0.5	<0.5	<30	NA	15.87	6.28	9.59	NA
MW-8	07/31/1997	960	NA	520	<0.5	2.3	6.4	<30	NA	15.87	6.84	9.03	NA
MW-8	10/30/1997	150	NA	51	<0.5	2.5	<0.5	<30	NA	15.87	6.66	9.21	NA
MW-8	02/04/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.87	3.76	12.11	NA
MW-8	05/08/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	5.4	NA	15.87	5.48	10.39	NA
MW-8	07/21/1998	58	NA	6.8	2.5	1.2	6.6	<2.5	NA	15.87	6.50	9.37	NA
MW-8	11/19/1998	<50	NA	1.20	<0.5	<0.5	<0.5	<2.0	NA	15.87	6.81	9.06	NA
MW-8	02/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	15.87	5.75	10.12	NA
MW-8	05/10/1999	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	15.87	6.03	9.84	NA
MW-8	08/25/1999	82.5	NA	16.3	<0.500	<0.500	<0.500	<2.50	NA	15.87	7.03	8.84	NA
MW-8	12/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	15.87	7.10	8.77	NA
MW-8	02/14/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<2.0	15.87	4.92	10.95	NA
MW-8	04/26/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	15.87	5.73	10.14	NA
MW-8	08/08/2000	<50.0	NA	6.02	<0.500	<0.500	0.716	<2.50	NA	15.87	6.62	9.25	NA

MW-9	08/22/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	<10	NA	14.44	6.00	8.44	NA
MW-9	10/25/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	14.44	6.71	7.73	NA
MW-9	02/09/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	14.44	4.87	9.57	NA
MW-9	04/11/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	14.44	5.40	9.04	NA
MW-9	08/01/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	14.44	5.69	8.75	NA
MW-9	11/11/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	14.44	6.44	8.00	NA
MW-9	02/04/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	14.44	4.30	10.14	NA
MW-9	05/02/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	14.44	5.34	9.10	NA
MW-9	07/31/1997	120	NA	4.3	3.0	3.2	10	<30	NA	14.44	5.97	8.47	NA
MW-9	10/30/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	14.44	6.15	8.29	NA
MW-9	02/04/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	14.44	3.30	11.14	NA

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MW-9	05/08/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	14.44	4.70	9.74	NA
MW-9	07/21/1998	75	NA	7.5	6.1	2.3	12	<2.5	NA	14.44	5.53	8.91	NA
MW-9	11/19/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.0	NA	14.44	6.15	8.29	NA
MW-9	02/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	14.44	5.08	9.36	NA
MW-9	05/10/1999	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	14.44	5.15	9.29	NA
MW-9	08/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	14.44	6.16	8.28	NA
MW-9	12/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	14.44	6.22	8.22	NA
MW-9	02/14/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<2.0	14.44	4.29	10.15	NA
MW-9	04/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	14.44	4.84	9.60	NA
MW-9	08/08/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	14.44	5.70	8.74	NA

MW-10	08/22/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	<10	NA	15.04	6.86	8.18	NA
MW-10	10/25/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	7.91	7.13	NA
MW-10	02/09/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	4.45	10.59	NA
MW-10	04/11/1996	<50	NA	0.7	1.8	1.3	7.7	NA	NA	15.04	4.61	10.43	NA
MW-10	08/01/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	6.25	8.79	NA
MW-10	11/11/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	15.04	7.42	7.62	NA
MW-10	02/04/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	15.04	4.00	11.04	NA
MW-10	05/02/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	15.04	5.52	9.52	NA
MW-10	07/31/1997	85	NA	2.6	1.4	2.3	6.8	<30	NA	15.04	6.68	8.36	NA
MW-10	10/30/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	15.04	6.92	8.12	NA
MW-10	02/04/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	1.90	13.14	NA
MW-10	05/08/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	15.04	4.29	10.75	NA
MW-10	07/21/1998	87	NA	8.9	7.1	2.7	14	<2.5	NA	15.04	5.65	9.39	NA
MW-10	11/19/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.0	NA	15.04	6.69	8.35	NA
MW-10	02/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	15.04	4.80	10.24	NA
MW-10	05/10/1999	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	15.04	4.77	10.27	NA

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MW-10	08/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	15.04	6.44	8.60	NA
MW-10	12/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	15.04	5.84	9.20	NA
MW-10	02/14/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<2.0	15.04	3.47	11.57	NA
MW-10	04/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	15.04	4.83	10.21	NA
MW-10	08/08/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	15.04	5.95	9.09	NA
MW-11	08/22/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	<10	NA	10.61	5.12	5.49	NA
MW-11	10/25/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.61	NA	NA	NA
MW-11	02/09/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	10.61	2.73	7.88	NA
MW-11	04/11/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	10.61	3.00	7.61	NA
MW-11	08/01/1996	76	NA	6.8	5.3	2.7	9.1	NA	NA	10.61	4.66	5.95	NA
MW-11	11/11/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	10.61	5.85	4.76	NA
MW-11	02/04/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	10.61	2.20	8.41	NA
MW-11	05/02/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	10.61	3.95	6.66	NA
MW-11	07/31/1997	170	NA	11	4.5	6.4	19	<30	NA	10.61	5.33	5.28	NA
MW-11	10/30/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	10.61	5.76	4.85	NA
MW-11	02/04/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	10.61	1.60	9.01	NA
MW-11	05/08/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.61	2.66	7.95	NA
MW-11	07/21/1998	160	NA	16	12	4.6	24	<2.5	NA	10.61	3.99	6.62	NA
MW-11	11/19/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.0	NA	10.61	5.96	4.65	NA
MW-11	02/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	10.61	3.27	7.34	NA
MW-11	05/10/1999	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	10.61	3.35	7.26	NA
MW-11	08/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	10.61	5.14	5.47	NA
MW-11	12/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	10.61	4.42	6.19	NA
MW-11	02/14/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	<2.0	10.61	2.55	8.06	NA
MW-11	04/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	10.61	2.99	7.62	NA
MW-11	08/08/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	10.61	4.60	6.01	NA

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**Alameda, CA**

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Abbreviations

TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015

BTEX = benzene, toluene, ethylbenzene, xylenes

MTBE = methyl-tertiary-butyl ether by EPA Method 8020

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

ug/L = parts per billion

msl = Mean sea level

ft = Feet

<n = Below detection limit

NA = Not applicable

Notes

a = Analyzed outside of EPA recommended hold time.



30 August, 2000

Nick Sudano  
Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose, CA 95112

RE: 1127 Lincoln Avenue  
Sequoia Report: MJH0339

Enclosed are the results of analyses for samples received by the laboratory on 08/09/00 17:14. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ted Terrasas  
Project Manager

CA ELAP Certificate #1210





Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose CA, 95112

Project: 1127 Lincoln Avenue  
Project Number: 1127 Lincoln Avenue/ Alameda  
Project Manager: Nick Sudano

**Reported:**  
08/30/00 11:57

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MJH0339-01	Water	08/08/00 11:18	08/09/00 17:14
MW-2	MJH0339-02	Water	08/08/00 12:45	08/09/00 17:14
MW-3	MJH0339-03	Water	08/08/00 12:22	08/09/00 17:14
MW-4	MJH0339-04	Water	08/08/00 09:33	08/09/00 17:14
MW-5	MJH0339-05	Water	08/08/00 12:01	08/09/00 17:14
MW-6	MJH0339-06	Water	08/08/00 12:50	08/09/00 17:14
MW-7	MJH0339-07	Water	08/08/00 13:17	08/09/00 17:14
MW-8	MJH0339-08	Water	08/08/00 10:50	08/09/00 17:14
MW-9	MJH0339-09	Water	08/08/00 10:30	08/09/00 17:14
MW-10	MJH0339-10	Water	08/08/00 10:11	08/09/00 17:14
MW-11	MJH0339-11	Water	08/08/00 09:55	08/09/00 17:14





Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose CA, 95112

Project: 1127 Lincoln Avenue  
Project Number: 1127 Lincoln Avenue/ Alameda  
Project Manager: Nick Sudano

**Reported:**  
08/30/00 11:57

## Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>MW-1 (MJH0339-01) Water</b> Sampled: 08/08/00 11:18 Received: 08/09/00 17:14									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0H21005	08/21/00	08/21/00	DHS LUFT	
<b>Benzene</b>	<b>12.7</b>	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		101 %	70-130		"	"	"	"	
<b>MW-2 (MJH0339-02) Water</b> Sampled: 08/08/00 12:45 Received: 08/09/00 17:14									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0H21005	08/21/00	08/21/00	DHS LUFT	
<b>Benzene</b>	<b>1.22</b>	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		100 %	70-130		"	"	"	"	
<b>MW-3 (MJH0339-03) Water</b> Sampled: 08/08/00 12:22 Received: 08/09/00 17:14									
<b>Purgeable Hydrocarbons</b>	<b>1870</b>	500	ug/l	10	0H21005	08/21/00	08/21/00	DHS LUFT	P-02
Benzene	ND	5.00	"	"	"	"	"	"	
Toluene	ND	5.00	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>237</b>	5.00	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>210</b>	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		92.6 %	70-130		"	"	"	"	





Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose CA, 95112

Project: 1127 Lincoln Avenue  
Project Number: 1127 Lincoln Avenue/ Alameda  
Project Manager: Nick Sudano

Reported:  
08/30/00 11:57

## Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>MW-4 (MJH0339-04) Water</b> Sampled: 08/08/00 09:33 Received: 08/09/00 17:14									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0H21005	08/21/00	08/21/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		100 %	70-130		"	"	"	"	
<b>MW-5 (MJH0339-05) Water</b> Sampled: 08/08/00 12:01 Received: 08/09/00 17:14									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0H21005	08/21/00	08/21/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		98.6 %	70-130		"	"	"	"	
<b>MW-6 (MJH0339-06) Water</b> Sampled: 08/08/00 12:50 Received: 08/09/00 17:14									
Purgeable Hydrocarbons	487	50.0	ug/l	1	0H21005	08/21/00	08/21/00	DHS LUFT	P-01
Benzene	3.53	0.500	"	"	"	"	"	"	
Toluene	2.44	0.500	"	"	"	"	"	"	
Ethylbenzene	29.0	0.500	"	"	"	"	"	"	
Xylenes (total)	19.7	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		105 %	70-130		"	"	"	"	



Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose CA, 95112

Project: 1127 Lincoln Avenue  
Project Number: 1127 Lincoln Avenue/ Alameda  
Project Manager: Nick Sudano

**Reported:**  
08/30/00 11:57

## Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>MW-7 (MJH0339-07) Water</b> Sampled: 08/08/00 13:17 Received: 08/09/00 17:14									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0H21005	08/21/00	08/21/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	2.61	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		98.6 %		70-130	"	"	"	"	
<b>MW-8 (MJH0339-08) Water</b> Sampled: 08/08/00 10:50 Received: 08/09/00 17:14									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0H21005	08/21/00	08/21/00	DHS LUFT	
Benzene	6.02	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	0.716	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		92.2 %		70-130	"	"	"	"	
<b>MW-9 (MJH0339-09) Water</b> Sampled: 08/08/00 10:30 Received: 08/09/00 17:14									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0H21005	08/21/00	08/21/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		93.4 %		70-130	"	"	"	"	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 1127 Lincoln Avenue Project Number: 1127 Lincoln Avenue/ Alameda Project Manager: Nick Sudano	Reported: 08/30/00 11:57
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**MW-10 (MJH0339-10) Water**    **Sampled: 08/08/00 10:11**    **Received: 08/09/00 17:14**

Purgeable Hydrocarbons	ND	50.0	ug/l	1	0H22003	08/22/00	08/22/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		95.1 %	70-130		"	"	"	"	

**MW-11 (MJH0339-11) Water**    **Sampled: 08/08/00 09:55**    **Received: 08/09/00 17:14**

Purgeable Hydrocarbons	ND	50.0	ug/l	1	0H22003	08/22/00	08/22/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		93.1 %	70-130		"	"	"	"	





Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose CA, 95112

Project: 1127 Lincoln Avenue  
Project Number: 1127 Lincoln Avenue/ Alameda  
Project Manager: Nick Sudano

**Reported:**  
08/30/00 11:57

**MTBE Confirmation by EPA Method 8260A  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>MW-7 (MJH0339-07) Water</b> Sampled: 08/08/00 13:17 Received: 08/09/00 17:14									
Methyl tert-butyl ether	ND	1.00	ug/l	1	0H29012	08/28/00	08/28/00	EPA 8260A	H-02
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		"	"	"	"	H-02



Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose CA, 95112

Project: 1127 Lincoln Avenue  
Project Number: 1127 Lincoln Avenue/ Alameda  
Project Manager: Nick Sudano

Reported:  
08/30/00 11:57

## Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
<b>Batch 0H21005 - EPA 5030B [P/T]</b>										
<b>Blank (0H21005-BLK1)</b>				Prepared & Analyzed: 08/21/00						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	9.59		"	10.0		95.9	70-130			
<b>LCS (0H21005-BS1)</b>				Prepared & Analyzed: 08/21/00						
Purgeable Hydrocarbons	244	50.0	ug/l	250		97.6	70-130			
Surrogate: a,a,a-Trifluorotoluene	10.5		"	10.0		105	70-130			
<b>Matrix Spike (0H21005-MS1)</b>				Source: MJH0339-04 Prepared & Analyzed: 08/21/00						
Purgeable Hydrocarbons	244	50.0	ug/l	250	ND	97.6	60-140			
Surrogate: a,a,a-Trifluorotoluene	10.4		"	10.0		104	70-130			
<b>Matrix Spike Dup (0H21005-MSD1)</b>				Source: MJH0339-04 Prepared & Analyzed: 08/21/00						
Purgeable Hydrocarbons	240	50.0	ug/l	250	ND	96.0	60-140	1.65	25	
Surrogate: a,a,a-Trifluorotoluene	10.3		"	10.0		103	70-130			
<b>Batch 0H22003 - EPA 5030B [P/T]</b>										
<b>Blank (0H22003-BLK1)</b>				Prepared & Analyzed: 08/22/00						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	9.28		"	10.0		92.8	70-130			





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1680 Rogers Avenue  
San Jose CA, 95112

Project: 1127 Lincoln Avenue  
Project Number: 1127 Lincoln Avenue/ Alameda  
Project Manager: Nick Sudano

**Reported:**  
08/30/00 11:57

## Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 0H22003 - EPA 5030B (P/T)</b>										
<b>LCS (0H22003-BS1)</b>				Prepared & Analyzed: 08/22/00						
Purgeable Hydrocarbons	258	50.0	ug/l	250		103	70-130			
Surrogate: a,a,a-Trifluorotoluene	13.8		"	10.0		138	70-130			S-02
<b>Matrix Spike (0H22003-MS1)</b>				Source: MJH0339-10 Prepared & Analyzed: 08/22/00						
Purgeable Hydrocarbons	229	50.0	ug/l	250	ND	91.6	60-140			
Surrogate: a,a,a-Trifluorotoluene	11.9		"	10.0		119	70-130			
<b>Matrix Spike Dup (0H22003-MSD1)</b>				Source: MJH0339-10 Prepared & Analyzed: 08/22/00						
Purgeable Hydrocarbons	251	50.0	ug/l	250	ND	100	60-140	9.17	25	
Surrogate: a,a,a-Trifluorotoluene	12.6		"	10.0		126	70-130			





Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose CA, 95112

Project: 1127 Lincoln Avenue  
Project Number: 1127 Lincoln Avenue/ Alameda  
Project Manager: Nick Sudano

**Reported:**  
08/30/00 11:57

## MTBE Confirmation by EPA Method 8260A - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 0H29012 - EPA 5030B [P/T]</b>										
<b>Blank (0H29012-BLK1)</b>				Prepared & Analyzed: 08/28/00						
Methyl tert-butyl ether	ND	1.00	ug/l							
Surrogate: 1,2-Dichloroethane-d4	10.6		"	10.0		106	70-130			
<b>LCS (0H29012-BS1)</b>				Prepared & Analyzed: 08/28/00						
Methyl tert-butyl ether	10.6	1.00	ug/l	10.0		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	12.0		"	10.0		120	70-130			
<b>Matrix Spike (0H29012-MS1)</b>				Source: MJH0492-10 Prepared & Analyzed: 08/28/00						
Methyl tert-butyl ether	10.1	1.00	ug/l	10.0	ND	101	70-130			
Surrogate: 1,2-Dichloroethane-d4	9.77		"	10.0		97.7	70-130			
<b>Matrix Spike Dup (0H29012-MSD1)</b>				Source: MJH0492-10 Prepared & Analyzed: 08/28/00						
Methyl tert-butyl ether	9.48	1.00	ug/l	10.0	ND	94.8	70-130	6.33	25	
Surrogate: 1,2-Dichloroethane-d4	9.68		"	10.0		96.8	70-130			





Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose CA, 95112

Project: 1127 Lincoln Avenue  
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Project Manager: Nick Sudano

**Reported:**  
08/30/00 11:57

### Notes and Definitions

- H-02 This sample was analyzed outside of EPA recommended hold time.
- P-01 Chromatogram Pattern: Gasoline C6-C12
- P-02 Chromatogram Pattern: Weathered Gasoline C6-C12
- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



# BLAINE

TECH SERVICES, INC

1680 ROGERS AVENUE  
SAN JOSE, CALIFORNIA 95112-1105

FAX (408) 573-7771

PHONE (408) 573-0555

## CONDUCT ANALYSIS TO DETECT

LAB

Sequoia

DHS #

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

MJH0339

## CHAIN OF CUSTODY

000808 Y1

## CLIENT

Equiva - Karen Petryna

## SITE

1127 Lincoln Ave.

Alameda, CA

C = COMPOSITE ALL CONTAINERS

TPH - gas, BTEX

MTBE by 8020

MTBE by 8260

TPH - diesel

Oxygenates by 8260

## SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 97123243

Send report to Blaine Tech Services, Inc.

ATTN: Nick Sudano

8 9 5 14

SAMPLE I D	DATE	TIME	MATRIX S= SOIL W=H <sub>2</sub> O	CONTAINERS TOTAL	C = COMPOSITE ALL CONTAINERS	TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
+ MW-1	8/8/00	1118	H <sub>2</sub> O	3		X	X							
+ MW-2		1245				X	X							
+ MW-3		1222				X	X							
+ MW-4		0933				X	X							
+ mw-5		1201				X	X				* CONFIRM HIGHEST MTBE			
+ MW-6		1250				X	X				BY 8260			
+ MW-7		1317				X	X							
+ MW-8		1050				X	X							
+ MW-9		1030				X	X							
+ MW-10		1011				X	X							
+ MW-11		0955				X	X							

SAMPLING COMPLETED DATE 8.8.00 TIME 1330

SAMPLING PERFORMED BY AIDAN METZGER

RESULTS NEEDED NO LATER THAN

RELEASED BY AIDAN METZGER

DATE 8/9/00 TIME 9:20

RECEIVED BY [Signature] MJH

DATE 8/9/00 TIME 0920

RELEASED BY [Signature] MJH

DATE 8/9/00

RECEIVED BY [Signature] (MJH)

DATE 8/9/00 TIME 17:14

RELEASED BY [Signature]

DATE TIME

RECEIVED BY

DATE TIME

SHIPPED VIA

DATE SENT TIME SENT

COOLER #

WELL GAUGING DATA

Project # 000808 Y1 Date 8.8.00 Client EQUIVA

Site 1127 Lincoln Ave. Alameda, CA

	Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
7	MW-1	4					6.73	18.90	TOC	
9	MW-2	4					6.81	19.06		
11	MW-3	4					6.63	19.54		
1	MW-4	4					6.64	20.15		
8	MW-5	4					5.89	17.80		
10	MW-6	2					6.69	19.21		
*6	MW-7	2	<del>WELL INACCESSIBLE - CAR OVER WELL</del>					6.89	19.26	
5	MW-8	4					6.62	19.60		
4	MW-9	4					5.70	14.43		
3	MW-10	4					5.95	14.50		
2	MW-11	4					4.60	14.10		
* Gauged @ 12:50 pm due to car over well										

# EQUIVA WELL MONITORING DATA SHEET

Project #: <u>0008026-41</u>	Job #: <u>97123243</u>
Sampler: <u>Leon G. + Aidan</u>	Date: <u>8-8-00</u>
Well I.D.: <u>MW-1</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>18.90</u>	Depth to Water: <u>6.73</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius * 0.163

Purge Method:  Bailer  Middleburg  Electric Submersible  Extraction Pump

Other: \_\_\_\_\_

Sampling Method: Bailer  Extraction Port  Other: \_\_\_\_\_

<u>7.9</u>	x	<u>3</u>	=	<u>23.7</u>	Gals
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond	Turbidity	Gals. Removed	Observations
1111	65.6	5.8 <u>(W)</u>	264	96	8	
1113	66.1	5.8	271	>200	16	
1115	66.2	5.8	269	>200	24	

Did well dewater? Yes  No  Gallons actually evacuated: 24

Sampling Time: 1118 Sampling Date: 8-8-00

Sample ID: MW-1 Laborator: Secord

Analyzed for: TPH STEX MTBE TPH2 TPH1 Other

E.P.R. (feet)	Pre-burge	Post-burge
E.P.R. (feet)	Pre-burge	Post-burge

# EQUVA WELL MONITORING DATA SHEET

Project #: <u>000906-41</u>	Job #: <u>97123243</u>
Sampler: <u>Leon G., Aidan</u>	Date: <u>8-8-00</u>
Well I.D.: <u>MW-2</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>19.06</u>	Depth to Water: <u>6.81</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius <sup>2</sup> * 0.163

Purge Method: Bailer  
Middleburg  
Electric Submersible  
Extraction Pump  
 Other: \_\_\_\_\_

Sampling Method: Bailer  
Extraction Port  
 Other: \_\_\_\_\_

<u>7.9</u>	X	<u>3</u>	=	<u>23.7</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
<u>1238</u>	<u>71.0</u>	<u>6.4</u>	<u>383</u>	<u>24</u>	<u>8</u>	
<u>1240</u>	<u>71.1</u>	<u>6.5</u>	<u>543</u>	<u>49</u>	<u>16</u>	
<u>1242</u>	<u>71.6</u>	<u>6.5</u>	<u>546</u>	<u>32</u>	<u>24</u>	

Did well dewater? Yes No Gallons actually evacuated: 24

Sampling Time: 1245 Sampling Date: 8-8-00

Sample I.D. MW-2 Laboratory: Sennova BC mer \_\_\_\_\_

Analyzed for: PAS STEX NITBE TRHC Other

DO (if req'd)	Pre-purge	Post-purge
C.R.P. (if req'd)	Pre-purge	Post-purge

# EQUIVA WELL MONITORING DATA SHEET

Project #: <u>000306-41</u>	Job #: <u>97123243</u>
Sampler: <u>Leon G., Aidan</u>	Date: <u>8-8-00</u>
Well I.D.: <u>MW-3</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>19.54</u>	Depth to Water: <u>6.63</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius * 0.163

Purge Method: Bailer Middleburg Electric Submersible Extraction Pump

Other: \_\_\_\_\_

Sampling Method: Bailer Extraction Port

Other: \_\_\_\_\_

<u>8.4</u>	x	<u>3</u>	=	<u>25.2</u>	Gals
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond	Turbidity	Gals. Removed	Observations
1215	67.7	6.6	728	33	9	
1217	68.3	6.7	734	9	17	
1219	68.9	6.7	616	8	26	

Did well dewater? Yes No Gallons actually evacuated: 26

Sampling Time: 1222 Sampling Date: 8-8-00

Sample I.D. MW-3 Laboratory: Sedoria BC

Analyzed for: P4 BTEX VOCs TPH Lead

D.O. (if req'd)	Pre-purge	mV	Post-purge	mV
	Pre-purge	mV	Post-purge	mV

# EQUIVA WELL MONITORING DATA SHEET

Project #: <u>0003026-41</u>	Job #: <u>97123243</u>
Sampler: <u>Leon G., Aidan</u>	Date: <u>8-8-00</u>
Well I.D.: <u>MW-4</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>20.15</u>	Depth to Water: <u>6.64</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	5"	1.47
4"	0.65	Other	radius * 0.163

Purge Method: Bailer      Sampling Method: Bailer  
Middleburg      Extraction Port  
Electric Submersible      Other: \_\_\_\_\_  
Extraction Pump

Other: \_\_\_\_\_

<u>8.7</u>	x	<u>3</u>	=	<u>26.1</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
<u>0925</u>	<u>70.9</u>	<u>6.3</u>	<u>448</u>	<u>125</u>	<u>9</u>	
<u>0927</u>	<u>70.2</u>	<u>6.2</u>	<u>380</u>	<u>56</u>	<u>18</u>	
<u>0929</u>	<u>69.8</u>	<u>6.3</u>	<u>384</u>	<u>30</u>	<u>27</u>	

Did well dewater? Yes  No       Gallons actually evacuated: 27

Sampling Time: 0933      Sampling Date: 8-8-00

Sample ID: MW-4      Laboratory: Sequoia BC mer \_\_\_\_\_

Analyzed for: PHS BTEX MTBE TPH Other

TPH (if read)	Pre-purge	TS	Post-purge	TS
BTEX (if read)	Pre-purge	MTBE	Post-purge	MTBE



# EQUIVA WELL MONITORING DATA SHEET

Project #: <u>000906-41</u>	Job # <u>97123243</u>
Sampler: <u>Leon G., Aidan</u>	Date: <u>8-8-00</u>
Well I.D.: <u>MW-5</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>17.80</u>	Depth to Water: <u>5.89</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	3"	1.02
3"	0.37	4"	1.47
4"	0.65	Other:	radius * 0.165

Purge Method: Bailer      Sampling Method: Bailer  
Middleburg      Extraction Port  
Electric Submersible      Other: \_\_\_\_\_  
Extraction Pump

<u>7.7</u>	X	<u>3</u>	=	<u>23.1</u>	Gals
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1155	67.0	6.7	363	87	8	
1157	67.6	6.8	358	181	16	
1159	68.4	6.8	379	188	24	

Did well dewater? Yes No      Gallons actually evacuated: 24

Sampling Time: 1201      Sampling Date: 8-8-00

Sample ID: MW-5      Laboratory: Sequora BC Other: \_\_\_\_\_

Analyzed for: TPH BTEX NH3 TPH Other

TPH (if req'd)	Pre-purge	Post-purge
BTEX (if req'd)	Pre-purge	Post-purge

# EQUIVA WELL MONITORING DATA SHEET

Project #: <u>000906-41</u>	Job #: <u>97123243</u>
Sampler: <u>Leon G., Aidan</u>	Date: <u>8-8-00</u>
Well I.D.: <u>MW-6</u>	Well Diameter: <u>3</u> 3 4 6 8
Total Well Depth: <u>19.21</u>	Depth to Water: <u>6.69</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other:	radius * 0.163

Purge Method: <u>Bailer</u> Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: <u>Bailer</u> Extraction Port Other: _____
--	---

<u>2.0</u>	X	<u>3</u>	=	<u>6.0</u>	Gals
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1240	67.7	6.6	283	>200	2	
1243	68.3	6.6	286	>200	4	
1247	67.9	6.6	286	>200	6	

Did well dewater? Yes  No  Gallons actually evacuated: 6

Sampling Time: 1250 Sampling Date: 8-8-00

Sample I.D. MW-6 Laboratory: Sequoia BCI Other: \_\_\_\_\_

Analyzed for: PH TEK MTBE TRAC Other

D.O. (req'd)	Pre-purge:	%	Post-purge:	%
M.R.F. (req'd)	Pre-purge:	min	Post-purge:	min

# EQUIVA WELL MONITORING DATA SHEET

Project #: <u>000806-41</u>	Job #: <u>97123243</u>
Sampler: <u>LEON G. Aidan</u>	Date: <u>8-8-00</u>
Well I.D.: <u>MW-7</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: <u>19.26</u>	Depth to Water: <u>6.89</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multplier	Well Diameter	Multplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other:	radius * 0.163

Purge Method: Barrier  
 Middleburg  
 Electric Submersible  
 Extraction Pump  
 Other: \_\_\_\_\_

Sampling Method: Barrier  
 Extraction Port  
 Other: \_\_\_\_\_

<u>1.9</u>	x	<u>3</u>	=	<u>5.7</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
<u>WELL INACCESSIBLE - CAR w/ 2 FLAT TIRES OVER WELL</u>						
<u>CAR MOVED @ 12:30; GAUGED + SAMPLED LAST</u>						
<u>1308</u>	<u>68.8</u>	<u>6.9</u>	<u>157</u>	<u>&gt;200</u>	<u>2</u>	
<u>1311</u>	<u>69.0</u>	<u>6.9</u>	<u>154</u>	<u>&gt;200</u>	<u>4</u>	
<u>1314</u>	<u>68.8</u>	<u>6.9</u>	<u>155</u>	<u>&gt;200</u>	<u>6</u>	

Did well dewater? Yes  No  Gallons actually evacuated: 6

Sampling Time: 1317 Sampling Date: 8-8-00

Sample I.D. MW-7 Laboratory: Securia EC

Analyzed for: PH STEK NITR OTHER

Pre-purge	Post-purge

# EQUIVA WELL MONITORING DATA SHEET

Project #: <u>000906-41</u>	Job # <u>97123243</u>
Sampler: <u>Leon G., Ardian</u>	Date: <u>8-8-00</u>
Well I.D.: <u>MW-8</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>19.60</u>	Depth to Water: <u>6.62</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other:	radius * 0.163

Purge Method: Bailer      Sampling Method: Bailer  
Middleburg      Extraction Port  
Electric Submersible      Other: \_\_\_\_\_  
Extraction Pump

<u>8.4</u>	x	<u>3</u>	=	<u>25.2</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1040	66.9	6.1	136	83	9	
1042	67.1	6.1	144	150	17	
1045	67.8	6.1	191	>200	26	

Did well dewater? Yes  No       Gallons actually evacuated: 26

Sampling Time: 1050      Sampling Date: 8-8-00

Sample I.D. MW-8      Laborator: Sequoida      R/T      mer \_\_\_\_\_

Analyzed for: PH STER MTBE      mg/L      liter

EPA Method req'd:	Pre-purge:	mg/L	Post-purge:	mg/L
USEPA Method req'd:	Pre-purge:	mg/L	Post-purge:	mg/L

# EQUIVA WELL MONITORING DATA SHEET

Project #: <u>000906-41</u>	Job # <u>97123243</u>
Sampler: <u>Leon G., Aidan</u>	Date: <u>8-8-00</u>
Well I.D.: <u>MW-9</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>14.43</u>	Depth to Water: <u>5.70</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other:	radius <sup>2</sup> * 0.163

Purge Method: Bailer      Sampling Method: Bailer  
Middleburg      Extraction Port  
Electric Submersible      Other: \_\_\_\_\_  
Extraction Pump

<u>5.6</u>	X	<u>3</u>	=	<u>16.8</u>	Gals
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond	Turbidity	Gals. Removed	Observations
1021	69.5	6.3	257	>200	6	
1023	69.5	6.2	220	50	12	
1025	69.0	6.3	213	52	17	

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

Sampling Time: 1030      Sampling Date: 8-8-00

Sample ID MW-9      Laboratory: Sequoia BC Other: \_\_\_\_\_

Analyzed for: PHS BTEX NITR TRAC Other: \_\_\_\_\_

E.C. (if req'd)	Pre-purge	Post-purge
P.P. (if req'd)	Pre-purge	Post-purge

# EQUIVA WELL MONITORING DATA SHEET

Project #: <u>000906-41</u>	Job #: <u>97123243</u>
Sampler: <u>LEON G., Aidan</u>	Date: <u>8-8-00</u>
Well I.D.: <u>MW-10</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>14.30</u>	Depth to Water: <u>5.95</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multplier	Well Diameter	Multplier
2"	0.16	5"	1.02
3"	0.27	6"	1.47
4"	0.65	Other	radius * 0.163

Purge Method:

- Bailer
- Middleburg
- Electric Submersible
- Extraction Pump
- Other: \_\_\_\_\_

Sampling Method:

- Bailer
- Extraction Port
- Other: \_\_\_\_\_

<u>5.4</u>	$\times$	<u>3</u>	$=$	<u>16.2</u>	Gals
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1005	66.2	6.4	393	>200	6	
1006	66.5	6.4	397	>200	11	
1008	66.4	6.4	399	>200	17	

Did well dewater? Yes  No  Gallons actually evacuated: 17

Sampling Time: 1011 Sampling Date: 8-8-00

Sample ID: MW-10 Laboratory: Sedona BC Other: \_\_\_\_\_

Analyzed for: <u>PLU</u> <u>STEX</u> <u>NITR</u> <u>TRAC</u> <u>mer</u>	Pre-purge: _____	Post-purge: _____
	Pre-purge: _____	Post-purge: _____

# EQUIVA WELL MONITORING DATA SHEET

Project #: <u>000905-41</u>	Job #: <u>97123243</u>
Sampler: <u>LEON G., Aidan</u>	Date: <u>8-8-00</u>
Well I.D.: <u>MW-11</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>14.10</u>	Depth to Water: <u>4.60</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius * 0.163

Purge Method:  Bailer  
 Middleburg  
 Electric Submersible  
 Extraction Pump  
 Other: \_\_\_\_\_

Sampling Method:  Bailer  
 Extraction Port  
 Other: \_\_\_\_\_

<u>6.1</u>	X	<u><del>18.3</del></u>	=	<u>18.3</u>	Gals
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
<u>0946</u>	<u>69.0</u>	<u>6.1</u>	<u>144</u>	<u>50</u>	<u>6</u>	
<u>0947</u>	<u>71.3</u>	<u>6.0</u>	<u>141</u>	<u>78</u>	<u>12</u>	
<u>0949</u>	<u>70.7</u>	<u>6.0</u>	<u>146</u>	<u>108</u>	<u>19</u>	

Did well dewater? Yes   No      Gallons actually evacuated: 19

Sampling Time: 0955      Sampling Date: 8-8-00

Sample I.D.: MW-11      Laboratory: Secoria B.C. Tier \_\_\_\_\_

Analyzed for:  TPH  BTEX  NITBE  TRAC  Other

EPA Method 1	Pre-purge	mL	Post-purge	mL	mL
EPA Method 2	Pre-purge	mL	Post-purge	mL	mL





**BLAINE  
TECH SERVICES**



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

**WELLHEAD INSPECTION CHECKLIST**

Client Equiva  
Site Address 1127 Lincoln Ave  
Technician Scott Andrews  
Date 8-24-00

1. Lid on box?	6. Casing secure?	12. Water standing in wellbox?	15. Well cap functional?
2. Lid broken?	7. Casing cut level?	12a. Standing above the top of casing?	16. Can cap be pulled loose?
3. Lid bolts missing?	8. Debris in wellbox?	12b. Standing below the top of casing?	17. Can cap seal out water?
4. Lid bolts stripped?	9. Wellbox is too far above grade?	12c. Water even with the top of casing?	18. Padlock present?
5. Lid seal intact?	10. Wellbox is too far below grade?	13. Well cap present?	19. Padlock functional?
	11. Wellbox is crushed/damaged?	14. Well cap found secure?	

Check box if no deficiencies were found. Note below deficiencies you were able to correct.

Well I.D.	Deficiency	Corrective Action Taken
MW-8	cap + lock not functional	replaced 4" cap + lock
MW-8	Bolts striped	replaced 2 Bolts
MW-9	cap + lock not functional	replaced 4" cap + lock
MW-9	Debris in well Box	removed Debris
MW-10	cap + lock not functional	replaced 4" cap + lock
MW-6	cap + lock not functional	replaced 2" cap + lock
MW-4	cap + lock not functional	replaced 4" cap + lock
MW-5	no lock	new lock

Note below all deficiencies that could not be corrected and still need to be corrected.

Well I.D.	Persisting Deficiency	BTS Office assigns or defers Correction to	Date assigned