

**EXXON** COMPANY, U.S.A.

ENVIRONMENTAL  
PROTECTION  
97 JUL 23 PM 2: 15

P.O. BOX 4032 • CONCORD, CALIFORNIA 94524-4032  
MARKETING DEPARTMENT • ENVIRONMENTAL ENGINEERING

MARLA D. GUENSLER  
SENIOR ENGINEER

(510) 246-8776  
(510) 246-8798 FAX

July 7, 1997

Mr. Scott Seery  
Alameda County Health Care Services  
1131 Harbor Bay Parkway  
Alameda, California 94502-5577


**RE: EXXON RAS #7-7003/349 Main Street, Pleasanton, California**

Dear Mr. Seery:

Attached for your review and comment is a report entitled *Quarterly Monitoring Report, Second Quarter 1997* for the above referenced site. This report was prepared by Delta Environmental Consultants, Inc., of Rancho Cordova, California, and details the results of the May 1997 monitoring and sampling event.

If you have any questions or comments, please contact me at (510) 246-8776.

Sincerely,

  
Marla D. Guensler  
Senior Engineer

MDG/tjm

attachment: Delta's *Quarterly Ground Water Monitoring Report, Second Quarter 1997*, dated July 2, 1997.

cc: w/attachment

Mr. David Lunn - Alameda County Flood Control

Mr. Dennis Mishek - California Regional Water Quality Control Board, San Francisco Bay Region

w/o attachment

Mr. Charles Keoni Almeida - Delta Environmental Consultants, Inc.



3164 Gold Camp Drive  
Suite 200  
Rancho Cordova, CA 95670  
916/638-2085  
FAX: 916/638-8385

July 2, 1997

Ms. Marla D. Guensler  
Exxon Company, U.S.A.  
2300 Clayton Road, Suite 640  
Concord, California 94520

Subject: *Quarterly Ground Water Monitoring Report, Second Quarter 1997*  
Exxon Service Station No. 7-7003  
349 Main Street  
Pleasanton, California  
Delta Project No. D094-838

Dear Ms. Guensler:

Delta Environmental Consultants, Inc. (Delta), has been authorized by Exxon Company, U.S.A. (Exxon), to conduct quarterly ground water monitoring at Exxon Service Station No. 7-7003, located at 349 Main Street, Pleasanton, California. This letter report presents the results of quarterly ground water monitoring and sampling conducted on May 19, 1997. The location of the site is shown in Figure 1 and site features are illustrated in Figure 2. Work conducted at the site by Delta was performed in accordance with the field methods and procedures described in Enclosure A.

#### **Ground Water Table Elevation, Flow Direction, and Hydraulic Gradient**

Ground water table elevations were measured in monitoring wells MW-1 and MW-6 on May 19, 1997. Monitoring well MW-7 was inaccessible due to a car parked over the well. Ground water monitoring wells MW-3 through MW-5 and vapor extraction wells VE-1 through VE-3 were destroyed on April 30, 1997. Depth to ground water was measured at 17.64 (MW-1) and 25.70 (MW-6) feet below the top of the well casings. First quarter sampling and monitoring, scheduled for March 1997, was not conducted due to construction activities at the site. Cumulative ground water table measurements are presented in Table 1.

A water table contour map could not be constructed, as only two wells were accessible for measurement. The historical ground water flow direction is generally toward northwest.

#### **Subjective Analysis**

No liquid-phase petroleum hydrocarbons or hydrocarbon sheens were present in the wells during the second quarter 1997 monitoring event.

#### **Ground Water Sample Analytical Results**

Ground water samples were collected from monitoring wells MW-1 and MW-6 on May 19, 1997. The samples were submitted to Sequoia Analytical (a California-certified laboratory) for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), and methyl tertiary butyl ether (MTBE) using EPA Method 8020, and total purgeable petroleum hydrocarbons (TPPH) as gasoline using EPA

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Method 8015 Modified. A summary of analytical results from ground water samples collected to date are presented in Table 2.

Analytical results reported ground water samples from MW-1 and MW-6 were below the laboratory's limits of detection for all analytes. A copy of the laboratory analytical report for the second quarter 1997, sampling event is presented in Enclosure B.

In comparison to the last sampling event conducted in December 1996, MW-6 ground water sample results have not changed; however, MW-1 ground water sample results indicate a decrease in benzene concentrations from 11 to <0.5 micrograms per liter.

### Future Work

The next quarterly monitoring event for this site is scheduled for August 1997. If the concentrations of petroleum hydrocarbons remain below the laboratory's limit of detection, a closure request report will be prepared.

### Remarks/Signatures

The interpretations contained in this document represent our professional opinions, and are based in part on information supplied by the client. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

Delta recommends that copies of this document be forwarded to:

Mr. David Lunn  
Alameda County Flood Control and  
Water Conservation District (Zone 7)  
5997 Parkside Drive  
Pleasanton, California 94566

Mr. Dennis Mishek  
California Regional Water Quality Control Board,  
San Francisco Bay Region  
2101 Webster Street, Suite 500  
Oakland, California 94612

Mr. Scott Seery  
Alameda County Health Care Services  
1131 Harbor Bay Parkway  
Alameda, California 94502-5577

Ms. Marla D. Guensler  
Exxon Company, U.S.A.  
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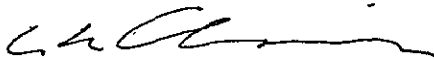
If you have any questions regarding this project, please contact Keoni Almeida at (916) 638-2085.

Sincerely,

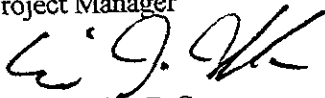
**DELTA ENVIRONMENTAL CONSULTANTS, INC.**



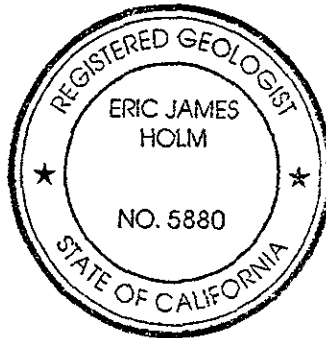
J. William Speth  
Staff Geologist



Charles Keoni Almeida  
Project Manager



Eric J. Holm, R.G.  
California Registered Geologist No. 5880



JWS (LRP007.838)  
Enclosures

TABLE 1

## GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0126  
1600 North Texas Street  
Fairfield, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	Lead (ppm)	Total Oil and Grease (ppm)	VOC (µg/L)	MTBE (µg/L)	Comments
MW-1	02/23/90	343.83	26.08	317.75	21	9.2	59	19	3,300	100	NA	NA	NA	No LPH
	06/15/90		26.49	317.34	7.9	5.9	32	58	1,300	<50	NA	NA	NA	No LPH
	08/01/90		26.47	317.36	77	280	50	250	2,500	<50	NA	NA	NA	No LPH
	12/18/90		28.00	315.83	9.0	2.0	43	400	390	<100	NA	NA	NA	No LPH
	03/19/91		23.63	320.20	45	12	240	300	4,500	<100	NA	12.0 <sup>a</sup>	NA	No LPH
	06/27/91		22.11	321.72	5.4	2.6	29	34	710	<100	NA	ND	NA	No LPH
	09/26/91		27.75	316.08	1.9	<0.5	0.6	0.6	290	<100	NA	ND	NA	No LPH
	01/10/92		25.61	318.22	52	15	690	496	5,400	<100	NA	6.1 <sup>a</sup>	NA	No LPH
	03/12-13/92		22.52	321.31	87	22	1,200	1,000	1,400	NA	NA	4 <sup>a</sup> , 2.1 <sup>b+MS</sup> 1.2 <sup>c</sup> , 0.5 <sup>d</sup> 0.8 <sup>e</sup>	NA	No LPH
	06/09/92		21.53	322.30	27	5.9	400	300	4,500	<100	<5,000	ND	NA	No LPH
	09/28-29/92		29.84	313.99	<0.5	0.9	<0.5	<0.5	60	NA	<5,000	ND	NA	No LPH
	12/12/92		23.86	319.97	53	18	1,100	570	1,400	NA	<5,000	49 <sup>a</sup>	NA	No LPH
	02/02-03/93		19.00	324.83	61	27	900	840	10,000	NA	<5,000	19 <sup>a</sup> , 2.2 <sup>b</sup> 1.1 <sup>d,2,4c</sup>	NA	No LPH
	06/08-09/93		16.62	327.21	42	32	970	720	7,500	NA	<5,000	1.8 <sup>a</sup> , 1.0 <sup>c</sup> 0.8 <sup>e</sup>	NA	No LPH
	09/22-23/93		19.63	324.20	36	34	820	540	6,600	NA	<5,000	0.6 <sup>c</sup>	NA	No LPH
	11/17-18/93		20.82	323.01	24	10	470	300	5,900	NA	NA	ND	NA	No LPH
	02/16-17/94		21.47	322.36	42	15	470	330	6,700	NA	NA	ND	NA	No LPH
	05/12-13/94		19.78	324.05	26	9.4	400	210	4,000	NA	<5,000	ND	NA	No LPH
	09/07/94		21.16	322.67	3.5	2.0	17	18	170	NA	NA	ND	NA	No LPH
	12/02/94		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	03/06/95		18.70	325.13	9.8	5.2	130	80	1,500	NA	NA	ND	NA	No LPH
	05/30/95		17.70	326.13	41	14	480	270	6,200	NA	NA	ND	<50	No LPH
	09/06/95		20.21	323.62	8.1	5.7	120	65	1,500	NA	NA	NA	<12	No LPH
	11/30/95		21.47	322.36	1.9	0.7	5.3	5.5	77	NA	NA	NA	<5.0	No LPH
	03/28/96		15.45	328.38	54	5.8	420	210	6,700	NA	NA	NA	<50	No LPH
	06/25/96		18.91	324.92	17	12	110	72	1,600	NA	NA	NA	11	No LPH
	09/25/96		21.10	322.73	11	5.1	37	36	500	NA	NA	NA	<5.0	No LPH
	12/31/96		19.38	324.45	11	7.0	48	41	540	NA	NA	NA	<5.0	No LPH
	05/19/97		17.64	326.19	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH

TABLE 1

## GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0126  
1600 North Texas Street  
Fairfield, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	Lead (ppm)	Total Oil and Grease (ppm)	VOC (µg/L)	MTBE (µg/L)	Comments
MW-2	02/23/90	344.22	26.31	317.91	3.0	2.0	0.98	6.5	650	8.0	NA	NA	NA	No LPH
	06/15/90		26.25	317.97	<0.5	2.6	<0.5	<0.5	670	<50	NA	NA	NA	No LPH
	08/01/90		26.15	318.07	24	130	37	170	1,300	<50	NA	NA	NA	No LPH
	12/18/90		27.94	316.28	<0.3	0.5	1.0	3.0	470	<100	NA	NA	NA	No LPH
	03/19/91		23.41	320.81	10	3.4	6.1	3.8	700	<100	NA	ND	NA	No LPH
	06/27/91		21.63	322.59	8.7	2.1	8.8	33	1,400	<100	NA	ND	NA	No LPH
	09/26/91		27.19	317.03	<0.5	0.6	0.6	3.9	300	<100	NA	ND	NA	No LPH
	01/10/92		25.67	318.55	9.3	1.0	2.4	3.2	800	<100	NA	ND	NA	No LPH
	03/12-13/92		22.28	321.94	<0.5	0.6	0.63	1.0	350	NA	NA	ND	NA	No LPH
	06/09/92		21.17	323.05	1.9	2.5	2.51	5.1	150	<100	NA	ND	NA	No LPH
	09/28-29/92		29.58	314.64	<0.5	<0.5	<0.5	<0.5	71	NA	NA	ND	NA	No LPH
	12/12/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NM
	02/02-03/93		18.69	325.53	3.9	8.2	21	20	720	NA	NA	NA	NA	No LPH
	06/08-09/93		16.32	327.90	0.5	3.3	5.7	2.0	160	NA	NA	NA	NA	No LPH
	09/22-23/93		19.43	324.79	0.7	5.6	4.0	2.6	240	NA	NA	NA	NA	No LPH
	11/17-18/93		20.56	323.66	1.2	2.3	3.2	1.3	490	NA	NA	NA	NA	No LPH
	02/16-17/94		20.93	323.29	<0.5	2.3	1.0	2.0	280	NA	NA	NA	NA	No LPH
	05/12-13/94		19.64	324.58	<0.5	0.7	0.6	3.8	100	NA	NA	NA	NA	No LPH
	09/07/94		20.93	323.29	<0.5	<0.5	3.8	2.9	410	NA	NA	NA	NA	No LPH
	12/02/94		20.39	323.83	<0.5	<0.5	<0.5	<0.5	55	NA	NA	NA	NA	No LPH
	03/06/95		18.66	325.56	<0.5	<0.5	<0.5	<0.5	190	NA	NA	NA	NA	No LPH
	05/30/95		17.69	326.53	0.55	<0.5	<0.5	<0.5	58	NA	NA	NA	<2.5	No LPH
	09/06/95		20.18	324.04	<0.5	<0.5	<0.5	<0.5	81	NA	NA	NA	<2.5	No LPH
	11/30/95		21.17	323.05	3.4	<0.5	<0.5	0.85	200	NA	NA	NA	<5.0	No LPH
	03/28/96		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NM
	06/25/96		18.91	325.31	1.4	<0.5	<0.5	<0.5	68	NA	NA	NA	<5.0	No LPH
	09/25/96		20.92	323.30	<0.5	<0.5	<0.5	<0.5	170	NA	NA	NA	<5.0	No LPH
	11/27/96		Well destroyed											

TABLE 1

## GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0126  
1600 North Texas Street  
Fairfield, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	Lead (ppm)	Total Oil and Grease (ppm)	VOC (µg/L)	MTBE (µg/L)	Comments
MW-3	02/23/90	342.70	24.78	317.92	<0.5	<0.5	<0.5	<0.5	<20	100	NA	NA	NA	No LPH
	06/15/90		25.29	317.41	<0.5	<0.5	<0.5	<0.5	200	<50	NA	NA	NA	No LPH
	08/01/90		25.40	317.30	54	380	23	400	3,200	<50	NA	NA	NA	No LPH
	12/18/90		26.84	315.86	8.0	12	6.0	24	200	<100	<5,000	4.1 <sup>e</sup>	NA	No LPH
	03/19/91		22.13	320.57	<0.5	<0.5	<0.5	<0.5	<50	<100	<5,000	ND	NA	No LPH
	06/27/91		21.04	321.66	<0.5	<0.5	<0.5	<0.5	<50	<100	<5,000	ND	NA	No LPH
	09/26/91		26.63	316.07	<0.5	<0.5	<0.5	<0.5	<50	<100	<5,000	ND	NA	No LPH
	01/10/92		24.26	318.44	<0.5	<0.5	<0.5	<0.5	<50	<100	5,100	ND	NA	No LPH
	03/12-13/92		21.60	321.10	<0.5	<0.5	<0.5	<0.5	<50	NA	5,000	ND	NA	No LPH
	06/09/92		20.88	321.82	<0.5	<0.5	<0.5	<0.5	<50	<100	<5,000	ND	NA	No LPH
	09/28-29/92		28.67	314.03	<0.5	<0.5	<0.5	<0.5	<50	NA	<5,000	ND	NA	No LPH
	12/12/92		20.73	321.97	<0.5	<0.5	<0.5	1.3	<50	NA	<5,000	NA	NA	No LPH
	02/02-03/93		19.30	323.40	<0.5	<0.5	<0.5	<0.5	<50	NA	<5,000	NA	NA	No LPH
	06/08-09/93		15.89	326.81	0.6	0.9	3.4	2.8	<50	NA	<5,000	NA	NA	No LPH
	09/22-23/93		18.63	324.07	<0.5	1.0	1.6	4.4	<50	NA	NA	NA	NA	No LPH
	11/17-18/93		19.97	322.73	<0.5	<0.5	<0.5	1.5	<50	NA	NA	NA	NA	No LPH
	02/16-17/94		20.64	322.06	1.5	5.3	1.6	9.2	<50	NA	NA	NA	NA	No LPH
	05/12-13/94		18.32	324.38	<0.5	0.8	<0.5	2.8	<50	NA	NA	NA	NA	No LPH
	09/07/94		20.52	322.18	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	12/02/94		19.59	323.11	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	03/06/95		16.98	325.72	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	05/30/95		16.65	326.05	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	09/06/95		18.86	323.84	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	11/30/95		20.76	321.94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	03/28/96		14.93	327.77	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	06/25/96		17.85	324.85	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	09/25/96		20.29	322.41	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	12/31/96		17.82	324.88	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	04/14/97			Well destroyed										

TABLE 1

## GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0126  
1600 North Texas Street  
Fairfield, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	Lead (ppm)	Total Oil and Grease (ppm)	VOC (µg/L)	MTBE (µg/L)	Comments
MW-4	06/15/90	343.38	30.94	312.44	<0.5	<0.5	<0.5	<0.5	<20	<50	NA	NA	NA	No LPH
	08/01/90		31.21	312.17	5.2	5.4	5.4	9.9	120	<50	NA	NA	NA	No LPH
	12/18/90		32.86	310.52	7.0	1.0	<0.3	2.0	50	<100	NA	NA	NA	No LPH
	03/19/91		26.76	316.62	1.8	0.8	2.2	11	160	<100	NA	ND	NA	No LPH
	06/27/91		25.91	317.47	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND	NA	No LPH
	09/26/91		32.29	311.09	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	1.0 <sup>c</sup>	NA	No LPH
	01/10/92		29.06	314.32	0.9	<0.5	7.6	4.4	98	<100	NA	1.0 <sup>c</sup>	NA	No LPH
	03/12-13/92		24.25	319.13	1.2	<0.5	5.3	4.3	82	NA	NA	ND	NA	No LPH
	06/09/92		25.00	318.38	0.6	1.0	<0.5	2.5	<50	<100	NA	0.7 <sup>c</sup>	NA	No LPH
	09/28-29/92		34.41	308.97	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND	NA	No LPH
	12/12/92		30.77	312.61	1.0	0.9	7.0	11	99	NA	NA	ND	NA	No LPH
	02/02-03/93		21.03	322.35	2.3	2.2	6.2	8.4	170	NA	NA	ND	NA	No LPH
	06/08-09/93		18.35	325.03	0.7	0.9	0.7	<0.5	<50	NA	NA	0.6 <sup>c</sup>	NA	No LPH
	09/22-23/93		21.86	321.52	0.8	2.0	3.1	5.3	59	NA	NA	ND	NA	No LPH
	11/17-18/93		22.98	320.40	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND	NA	No LPH
	02/16-17/94		23.94	319.44	8.7	17	4.2	24	98	NA	NA	0.5 <sup>c</sup>	NA	No LPH
	05/12-13/94		22.30	321.08	0.8	0.9	0.7	6.1	<50	NA	NA	ND	NA	No LPH
	09/07/94		23.44	319.94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND	NA	No LPH
	12/02/94		23.07	320.31	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND	NA	No LPH
	03/06/95		20.52	322.86	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND	NA	No LPH
	05/30/95		19.16	324.22	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND	<2.5	No LPH
	09/06/95		22.26	321.12	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	11/30/95		23.67	319.71	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	03/28/96		16.50	326.88	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	06/25/96		20.38	323.00	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	09/25/96		23.16	320.22	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	12/31/96		22.55	320.83	<0.5	3.7	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	04/14/97			Well destroyed										



TABLE 1

## GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0126

1600 North Texas Street

Fairfield, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	Lead (ppm)	Total Oil and Grease (ppm)	VOC (µg/L)	MTBE (µg/L)	Comments
MW-5	06/15/90	345.20	26.94	318.26	<0.5	<0.5	<0.5	<0.5	<20	60	NA	NA	NA	No LPH
	08/01/90		26.90	318.30	9.7	12	7.6	17	120	<50	NA	NA	NA	No LPH
	12/18/90		28.31	316.89	2.0	3.5	2.0	8.0	50	<100	NA	NA	NA	No LPH
	03/19/91		23.98	321.22	<0.5	<0.5	<0.5	<0.5	160	<100	NA	NA	NA	No LPH
	06/27/91		22.41	322.79	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	0.5 <sup>a</sup>	NA	No LPH
	09/26/91		27.77	317.43	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND	NA	No LPH
	01/10/92		26.38	318.82	<0.5	<0.5	<0.5	0.6	98	<100	NA	ND	NA	No LPH
	03/12-13/92		22.08	323.12	<0.5	<0.5	<0.5	<0.5	82	NA	NA	ND	NA	No LPH
	06/09/92		31.98	313.22	NS	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/28-29/92		30.26	314.94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	12/12/92		27.20	318.00	0.9	11	0.5	3.1	210	NA	NA	ND	NA	No LPH
	02/02-03/93		20.01	325.19	<0.5	2.7	<0.5	0.9	70	NA	NA	NA	NA	No LPH
	06/08-09/93		16.80	328.40	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	09/22-23/93		20.28	324.92	1.0	<0.5	1.1	2.1	<50	NA	NA	NA	NA	No LPH
	11/17-18/93		21.19	324.01	<0.5	<0.5	<0.5	0.9	<50	NA	NA	NA	NA	No LPH
	02/16-17/94		21.61	323.89	1.2	4.3	1.4	8.2	<50	NA	NA	NA	NA	No LPH
	05/12-13/94		20.61	324.59	1.7	2.3	1.5	9.1	<50	NA	NA	NA	NA	No LPH
	09/07/94		21.63	323.57	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	12/02/94		21.12	324.08	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	03/06/95		19.67	325.53	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	05/30/95		18.63	326.57	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	09/06/95		21.02	324.18	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	11/30/95		21.87	323.33	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	03/28/96		16.19	329.01	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	06/25/96		19.92	325.28	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	09/25/96		21.68	323.52	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	12/31/96		20.17	325.03	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	04/14/97		Well destroyed											

TABLE 1

## GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0126  
1600 North Texas Street  
Fairfield, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	Lead (ppm)	Total Oil and Grease (ppm)	VOC (µg/L)	MTBE (µg/L)	Comments
MW-6	03/19/91	342.25	34.42	307.83	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND	NA	No LPH
	06/27/91		35.01	307.24	2.6	1.8	0.8	<0.30	<50	<100	NA	ND	NA	No LPH
	09/26/91		40.34	301.91	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND	NA	No LPH
	01/10/92		36.20	306.05	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND	NA	No LPH
	03/12-13/92		31.95	310.30	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND	NA	No LPH
	06/09/92		33.22	309.03	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND	NA	No LPH
	09/28-29/92		40.96	301.29	<0.5	<0.5	0.9	0.9	<50	NA	NA	ND	NA	No LPH
	12/12/92		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	NM
	02/02/93		26.51	315.74	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	06/08/93		22.62	319.63	0.6	0.7	1.7	1.8	<50	NA	NA	NA	NA	No LPH
	09/22/93		26.74	315.51	<0.5	<0.5	0.7	1.1	<50	NA	NA	NA	NA	No LPH
	11/17-18/93		28.49	313.76	0.6	0.8	1.2	3.9	<50	NA	NA	NA	NA	No LPH
	02/16-17/94		29.83	312.42	3.8	7.9	2.0	11	51	NA	NA	NA	NA	No LPH
	05/12-13/94		27.89	314.36	0.6	1.0	<0.5	2.7	<50	NA	NA	NA	NA	No LPH
	09/07/94		28.81	313.44	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	12/02/94		28.55	313.70	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	03/06/95		24.70	317.55	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	05/30/95		22.03	320.22	<0.5	0.52	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	09/06/95		26.54	315.71	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	11/30/95		28.90	313.35	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	03/28/96		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NM
	06/25/96		22.96	319.29	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	09/25/96		27.80	314.45	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	12/31/96		26.34	315.91	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	05/19/97		25.70	316.55	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH

TABLE 1

## GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0126  
1600 North Texas Street  
Fairfield, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	Lead (ppm)	Total Oil and Grease (ppm)	VOC (µg/L)	MTBE (µg/L)	Comments
MW-7	03/19/91	343.62	24.68	318.94	<0.5	<0.5	<0.5	<0.5	140	<100	NA	0.7 <sup>a</sup> , 0.8 <sup>b</sup>	NA	No LPH
	06/27/91		23.10	320.52	5.2	5.6	3.9	16	100	<100	NA	ND	NA	No LPH
	01/10/92		26.98	316.64	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND	NA	No LPH
	03/12-13/92		21.86	321.76	<0.5	<0.5	<0.5	<0.5	120		NA	ND	NA	No LPH
	06/09/92		22.32	321.30	<0.5	<0.5	<0.5	<0.5	81	<100	NA	ND	NA	No LPH
	09/28-29/92		31.92	311.70	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND	NA	No LPH
	12/12/92		28.80	314.82	5.1	6.9	3.3	19	200	NA	NA	NA	NA	No LPH
	02/02-03/93		19.50	324.12	<0.5	6.6	0.6	1.7	170	NA	NA	NA	NA	No LPH
	06/08-09/93		16.72	326.90	<0.5	0.8	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	09/22-23/93		19.90	323.72	0.6	0.9	0.7	1.1	<50	NA	NA	NA	NA	No LPH
	11/17-18/93		20.75	322.87	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	02/16-17/94		21.36	322.26	0.9	2.7	<0.5	3.2	<50	NA	NA	NA	NA	No LPH
	05/12-13/94		20.32	323.30	<0.5	1.1	<0.5	1.6	<50	NA	NA	NA	NA	No LPH
	09/07/94		21.19	322.43	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	12/02/94		20.95	322.67	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	03/06/95		19.35	324.27	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	05/30/95		18.19	325.43	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	09/06/95		20.57	323.05	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	11/30/95		21.64	321.98	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	03/28/96		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NM
	06/25/96		19.51	324.11	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	09/25/96		21.30	322.32	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	12/31/96		20.52	323.10	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	05/19/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	No LPH

TABLE 1

## GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0126

1600 North Texas Street

Fairfield, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	Lead (ppm)	Total Oil and Grease (ppm)	VOC (µg/L)	MTBE (µg/L)	Comments
MW-8	06/08-09/93	344.00	15.78	328.22	<0.5	1.1	0.8	1.7	65	NA	NA	NA	NA	No LPH
	09/22-23/93		18.86	325.14	4.1	8.9	6.7	14	110	NA	NA	NA	NA	No LPH
	11/17-18/93		20.01	323.99	<0.5	0.9	<0.5	<0.5	78	NA	NA	NA	NA	No LPH
	02/16-17/94		20.30	323.70	<0.5	1.8	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	05/12-13/94		18.92	325.08	<0.5	1.0	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	09/07/94		20.25	323.75	<0.5	<0.5	<0.5	<0.5	67	NA	NA	NA	NA	Sheen
	12/02/94		19.73	324.27	<0.5	<0.5	<0.5	<0.5	110	NA	NA	NA	NA	No LPH
	03/06/95		17.66	326.34	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	05/30/95		16.97	327.03	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	09/06/95		19.30	324.70	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	11/30/95		20.44	323.56	<0.5	0.62	<0.5	6.8	<50	NA	NA	NA	<5.0	No LPH
	03/28/96		14.91	329.09	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	06/25/96		18.10	325.90	<0.5	<0.5	<0.5	<0.5	79	NA	NA	NA	<5.0	No LPH
	09/25/96		20.20	323.80	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	11/27/96													Well destroyed

TABLE 1

## GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0126

1600 North Texas Street

Fairfield, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	Lead (ppm)	Total Oil and Grease (ppm)	VOC (µg/L)	MTBE (µg/L)	Comments
VE-1	09/28/92	343.38	31.92	311.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/08/93		16.44	326.94	<5.0	15	830	500	5,800	NA	NA	NA	NA	No LPH
	09/22-23/93		19.47	323.91	5.4	21	380	240	3,700	NA	NA	NA	NA	No LPH
	11/17-18/93		20.64	322.74	5.8	2.0	220	180	3,600	NA	NA	NA	NA	No LPH
	02/16-17/94		21.20	322.18	31	4.0	500	300	7,600	NA	NA	NA	NA	No LPH
	05/12-13/94		19.69	323.69	0.7	<0.5	56	33	970	NA	NA	NA	NA	No LPH
	09/07/94		21.30	322.08	7.3	46	620	150	8,100	NA	NA	NA	NA	No LPH
	12/02/94		20.63	322.75	3.4	37	450	210	8,300	NA	NA	NA	NA	No LPH
	03/06/95		18.40	324.98	<0.5	<0.5	<0.5	<0.5	52	NA	NA	NA	NA	No LPH
	05/30/95		17.58	325.80	15	<5 <sup>i</sup>	270	89	3,400	NA	NA	NA	<2.5	No LPH
	09/06/95		20.32	323.06	<0.5	<0.5	1.6	<0.5	100	NA	NA	NA	<2.5	No LPH
	11/30/95		21.75	321.63	48	10	240	35	5,200	NA	NA	NA	<50	No LPH
	03/28/96		15.75	327.63	<5.0 <sup>i</sup>	<5.0 <sup>i</sup>	250	81	3,800	NA	NA	NA	<50	No LPH
	06/25/96		18.99	324.39	19	<5.0 <sup>i</sup>	140	42	3,800	NA	NA	NA	8	No LPH
	09/25/96		21.32	322.06	<0.5	7.0	65	21	2,500	NA	NA	NA	<5.0	No LPH
	12/31/96		19.40	323.98	<0.5	<0.5	<0.5	0.86	270	NA	NA	NA	<5.0	No LPH
	04/14/97			Well destroyed										

TABLE 1

## GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0126  
 1600 North Texas Street  
 Fairfield, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	Lead (ppm)	Total Oil and Grease (ppm)	VOC (µg/L)	MTBE (µg/L)	Comments
VE-2	06/08/93	343.39	16.20	327.19	10	18	900	340	7,000	NA	NA	NA	NA	No LPH
	09/22-23/93		19.23	324.16	15	33	240	82	2,600	NA	NA	NA	NA	No LPH
	11/17-18/93		20.44	322.95	22	<0.5	220	56	3,500	NA	NA	NA	NA	No LPH
	02/16-17/94		20.90	322.49	45	<5.0	220	60	3,400	NA	NA	NA	NA	No LPH
	05/12-13/94		19.41	323.98	19	29	66	110	1,900	NA	NA	NA	NA	No LPH
	09/07/94		20.94	322.45	5.5	<0.5	9.0	3.0	690	NA	NA	NA	NA	Sheen
	12/02/94		20.30	323.09	3.7	21 <sup>h</sup>	50	8.8	1,900	NA	NA	NA	NA	No LPH
	03/06/95		18.14	325.25	<0.5	<0.5	9.4	1.3	460	NA	NA	NA	NA	No LPH
	05/30/95		17.29	326.10	<1.0	<1.0	20	2.3	580	NA	NA	NA	<5.0	Sheen
	09/06/95		19.99	323.40	<1.0	<1.0	<1.0	<1.0	290	NA	NA	NA	12	No LPH
	11/30/95		21.33	322.06	13	0.64	2.7	4.1	990	NA	NA	NA	<5.0	No LPH
	03/28/96		15.23	328.16	<0.5	<0.5	11	1.1	460	NA	NA	NA	8.2	No LPH
	06/25/96		18.53	324.86	31	13	210	87	3,400	NA	NA	NA	28	No LPH
	09/25/96		20.96	322.43	<0.5	<0.5	<0.5	<0.5	610	NA	NA	NA	11	No LPH
	12/31/96		19.12	324.27	5.0	0.54	0.59	0.56	390	NA	NA	NA	<5.0	No LPH
	04/14/97		Well destroyed											

TABLE 1

## GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0126

1600 North Texas Street

Fairfield, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	Lead (ppm)	Total Oil and Grease (ppm)	VOC (µg/L)	MTBE (µg/L)	Comments
VE-3	06/08/93	343.39	16.48	326.91	3.1	3.1	18	15	130	NA	NA	NA	NA	No LPH
	09/22-23/93		18.96	324.43	11	7.3	13	32	130	NA	NA	NA	NA	No LPH
	11/17-18/93		20.00	323.39	NS	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/16-17/94		21.02	322.37	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	05/12-13/94		20.58	322.81	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	09/07/94		20.35	323.04	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	12/02/94		21.85	321.54	NS	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/06/95		19.12	324.27	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	05/30/95		17.37	326.02	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	09/06/95		19.49	323.90	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	11/30/95		20.96	322.43	NS	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/31/95		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	NM
	03/28/96		15.68	327.71	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	06/25/96		18.37	325.02	1.5	0.62	<0.5	<0.5	67	NA	NA	NA	5.1	No LPH
	09/25/96		20.04	323.35	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	12/31/96		20.84	322.55	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0	No LPH
	04/14/97		Well destroyed											

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0126  
 1600 North Texas Street  
 Fairfield, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	Lead (ppm)	Total Oil and Grease (ppm)	VOC (µg/L)	MTBE (µg/L)	Comments
-----------------	------	--------------------------	----------------------------	-----------------------------	----------------	----------------	----------------------	----------------------	-------------------------	------------	----------------------------	------------	-------------	----------

<sup>a</sup> Chloroform.

<sup>b</sup> Methylene chloride.

<sup>c</sup> 1,2-Dichloroethane.

<sup>d</sup> Trichloroethane.

<sup>e</sup> Tetrachloroethane.

<sup>f</sup> Sample was diluted due to the presence of high levels of hydrocarbons.

<sup>g</sup> Bromodichloromethane.

<sup>h</sup> The presence of this compound confirmed by second column; however, the confirmation concentration differed from the reported result by more than a factor of two.

<sup>i</sup> Elevated detection limit quantified by multiplying laboratory reporting limits by report limit multiplication factor.

Reference elevation = Elevation relative to mean sea level.

Depth to ground water = Measured from notch/mark or north edge of well casing.

µg/L = Micrograms per liter.

TPPH = Total purageble petroleum hydrocarbons by DHS LUFT Method or total petroleum hydrocarbons (TPH) by EPA Method 8015 Modified.

VOC = Volatile organic compounds.

MTBE = Methyl tertiary butyl ether.

LPH = Liquid-phase hydrocarbons.

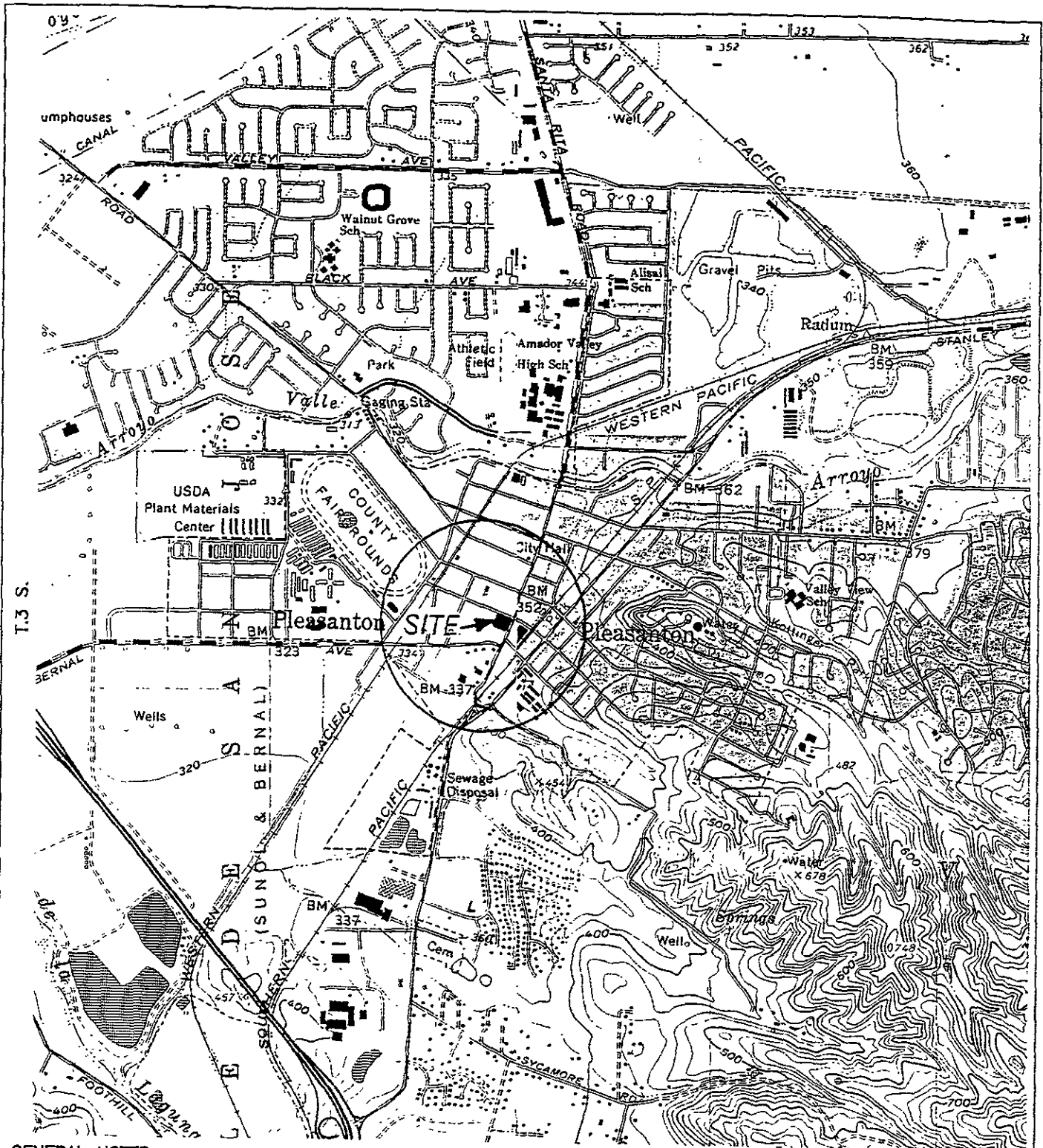
NS = Not sampled.

NA = Not analyzed.

NM = Not measured.

NC = Not calculated.

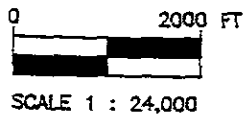




GENERAL NOTES:  
 BASE MAP FROM U.S.G.S.  
 DUBLIN & LIVERMORE, CA.  
 7.5 MINUTE TOPOGRAPHIC  
 PHOTOREVISED 1980



QUADRANGLE LOCATION



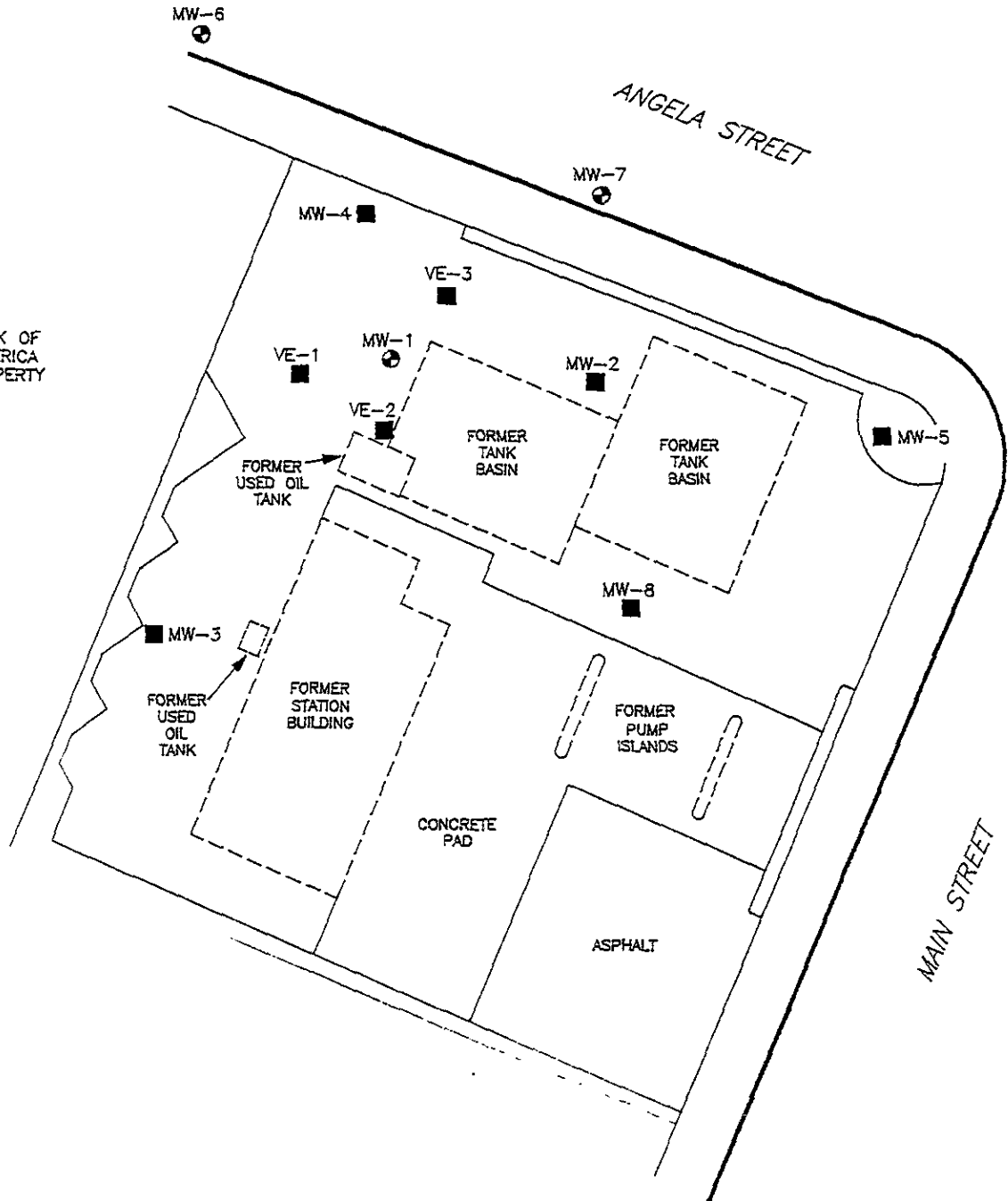
R.1 E.

FIGURE 1  
 SITE LOCATION MAP  
 EXXON STATION NO. 7-7003  
 349 MAIN STREET  
 PLEASANTON, CA.

PROJECT NO. D084-838	DRAWN BY LH. 8/24/94
FILE NO. —	PREPARED BY REC
REVISION NO. 1	REVIEWED BY <i>JCB 10/14/94</i>



BANK OF AMERICA PROPERTY



LEGEND:

- ⊙ VE-1 VAPOR EXTRACTION WELL LOCATION
- ⊕ MW-1 MONITORING WELL LOCATION
- MW-2 DESTROYED MONITORING WELL LOCATION
- VE-3 DESTROYED VAPOR EXTRACTION WELL LOCATION

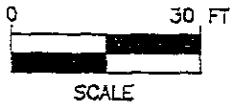


FIGURE 2  
SITE MAP

EXXON STATION NO. 7-7003  
349 MAIN STREET  
PLEASANTON, CA.

PROJECT NO. 0094-838	DRAWN BY M.L. 4/15/97
FILE NO. 94-838-1	PREPARED BY JWS
REVISION NO. 6	REVIEWED BY <i>[Signature]</i>



**ENCLOSURE A**

Field Methods and Procedures

## **FIELD METHODS AND PROCEDURES**

### **1.0 GROUND WATER AND LIQUID-PHASE PETROLEUM HYDROCARBON ASSESSMENT**

A water/petroleum interface probe was used to assess the thickness of liquid-phase petroleum hydrocarbons (LPH), if present, and a water level indicator was used to assess ground water depth in monitoring wells that do not contain LPH. Depth to ground water was measured from the top of each monitoring well casing. The tip of the water level indicator was subjectively analyzed for LPH sheen. All measurements and physical observations were then recorded in the field.

### **2.0 SUBJECTIVE ANALYSIS OF GROUND WATER**

Prior to purging, a water sample was collected from the monitoring well for subjective assessment. The sample was retrieved by gently lowering a clean, disposable bailer to approximately one-half the bailer length past the air/liquid interface. The bailer was then retrieved and the sample contained within the bailer was examined for floating LPH and the appearance of a petroleum sheen.

### **3.0 MONITORING WELL PURGING AND SAMPLING**

Monitoring wells were purged using a submersible pump or bailer until pH, temperature, and conductivity of the purge water had stabilized and a minimum of three to four well volumes of water had been removed. Ground water removed from the wells was stored in 55-gallon barrels at the site. The barrels were labeled with corresponding monitoring well numbers and the date of purging. After purging, ground water levels were allowed to stabilize. A ground water sample was then removed from each of the wells using a disposable bailer. If the well was purged dry, it was allowed to sufficiently recharge and a sample was collected. Samples were collected in air-tight vials, appropriately labeled, and stored on ice from the time of collection through the time of delivery to the laboratory. A chain-of-custody form was completed to document possession of the samples. Ground water samples were transported to the laboratory and analyzed within the EPA-specified holding times for the requested analyses. Purge water will be collected from the storage barrels in a vacuum truck and transported to an appropriate facility for treatment and/or disposal.

**ENCLOSURE B**

Laboratory Analytical Report



**Sequoia  
Analytical**

680 Chesapeake Drive	Redwood City, CA 94063	(415) 364-9600	FAX (415) 364-9233
404 N. Wiget Lane	Walnut Creek, CA 94598	(510) 988-9600	FAX (510) 988-9673
819 Striker Avenue, Suite B	Sacramento, CA 95834	(916) 921-9600	FAX (916) 921-0100

Delta Environmental Consults 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-7003, D094-838 Sample Descript: MW-1 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9705A03-02	Sampled: 05/19/97 Received: 05/19/97 Analyzed: 05/22/97 Reported: 05/28/97
--	---	---

QC Batch Number: GC052297BTEX22A  
Instrument ID: GCHP22

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**


Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		N.D.

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70                      130	101

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

  
 \_\_\_\_\_  
 Mike Gregory  
 Project Manager





**Sequoia Analytical**

680 Chesapeake Drive	Redwood City, CA 94063	(415) 364-9600	FAX (415) 364-9233
404 N. Wiget Lane	Walnut Creek, CA 94598	(510) 988-9600	FAX (510) 988-9673
819 Striker Avenue, Suite 8	Sacramento, CA 95834	(916) 921-9600	FAX (916) 921-0100

Delta Environmental Consults 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-7003, D094-838 Sample Descript: MW-6 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9705A03-01	Sampled: 05/19/97 Received: 05/19/97 Analyzed: 05/22/97 Reported: 05/28/97
--	---	---

QC Batch Number: GC052297BTEX22A  
Instrument ID: GCHP22

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		N.D.

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	96

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

  
Mike Gregory  
Project Manager



NO. 2049 P. 35/35



Sequoia Analytical  
680 Chesapeake Dr.  
Redwood City, CA 94063  
(415) 364-9600 • FAX (415) 364-9233

EXXON COMPANY, U.S.A.

P.O. Box 2180, Houston, TX 77002-7426

CHAIN OF CUSTODY

Consultant's Name: <i>Debra Environmental Consultants</i>		Page <i>2</i> of <i>1</i>
Address: <i>3169 Gold Camp Dr. Rancho</i>		Site Location: <i>Pleasanton</i>
Project #:	Consultant Project #: <i>D094-B38</i>	Consultant Work Release #: <i>1943029</i>
Project Contact: <i>Kroni Almeida</i>	Phone #: <i>638-2085</i>	Laboratory Work Release #:
EXXON Contact: <i>Maria Guensler</i>	Phone #:	EXXON RAS #: <i>7-7003</i>
Sampled by (print): <i>Jay Stoops</i>	Sampler's Signature: <i>Jay Stoops</i>	
Shipment Method: <i>Samples</i>	Air Bill #:	

Pink - Client

TAT:  24 hr  48 hr  72 hr  96 hr  Standard (10 day)

ANALYSIS REQUIRED *9705A03*

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/8015/8020	TPH/Diesel EPA 8015	TPH S.M. 5520	Temperature: _____
<i>MW-6</i>	<i>5-19-97</i>	<i>1200</i>	<i>H2O</i>	<i>HC</i>	<i>3</i>		<i>X</i>		<i>MBE</i>	Inbound Seal: Yes No Outbound Seal: Yes No
<i>MW-1</i>	<i>↓</i>	<i>1240</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>		<i>↓</i>		<i>↓</i>	

Yellow - Sequoia

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
<i>Jay Stoops</i>	<i>5/19/97</i>	<i>1405</i>	<i>Sandi Ansey/Sequoia</i>	<i>5/19/97</i>	<i>1443</i>	
<i>Sandi Ansey/Sequoia</i>	<i>5-20</i>	<i>0815</i>	<i>R CBC</i>	<i>5-20</i>	<i>0815</i>	
<i>R CBC</i>	<i>5/22</i>		<i>m Sr</i>	<i>5-20-97</i>	<i>1100</i>	

White - Sequoia

MAY. 28. 1997 11:27AM