

EXXON COMPANY, U.S.A.

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

MARLA D. GUENSLER
SENIOR ENGINEER

(925) 246-8776
(925) 246-8798 FAX

JUN 3 1999

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 Ground Water Monitoring Report, First Quarter 1999* for the subject site. This report was prepared by Delta Environmental Consultants, Inc., of Rancho Cordova, California, and details the results of the March 1999 monitoring and sampling event.

If you have any questions or comments, please contact me at (925) 246-8776.

Sincerely,



Marla D. Guensler
Senior Engineer

MDG/tjm

attachment: Delta's *Quarterly Ground Water Monitoring Report, First Quarter 1999*,
dated May 13, 1999.

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. James R. Brownell - Delta Environmental Consultants, Inc.

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ENVIRONMENTAL PROTECTION



3164 Gold Camp Drive
Suite 200
Rancho Cordova, CA 95670-6021
U.S.A.
916/638-2085
FAX: 916/638-8385

May 13, 1999

Ms. Marla D. Guensler
Exxon Company, U.S.A.
2300 Clayton Road, Suite 1250
Concord, California 94520

Subject: *Quarterly Ground Water Monitoring Report, First Quarter 1999*
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 report presents the results of quarterly ground water monitoring and sampling conducted on March 30, 1999. 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.

A report entitled *Site Closure Request Report*, dated August 21, 1998, and prepared by Delta, was submitted to Alameda County Health Care Services (County) on August 27, 1998. In that report Delta recommended that the site be closed and a no further action be issued. The County has not yet issued a review letter.

Ground Water Elevation Measurements, Flow Direction, and Hydraulic Gradient

Ground water level measurements were recorded in monitoring wells MW-6 and MW-7 on March 30, 1999. Depth to ground water was measured at 23.96 (MW-6) and 19.67 (MW-7) feet below the top of the well casings. The ground water elevation has increased an average of 2.28 feet since the previous monitoring event on December 15, 1998. Cumulative ground water elevation measurements are presented in Table 1.

A ground water elevation contour map was not constructed because depth to ground water measurements were available from only two wells. The casing for monitoring well MW-1 was damaged during construction performed by the site owner in 1997. The historical ground water flow direction has been toward the northwest.

Ms. Marla D. Guensler
Exxon Company, U.S.A.
May 13, 1999
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Subjective Analysis

No liquid-phase petroleum hydrocarbons or hydrocarbon sheens were present in the wells during the first quarter 1999 monitoring event.

Ground Water Sample Analytical Results

Ground water samples were collected from monitoring wells MW-6 and MW-7 on March 30, 1999. The samples were submitted to Sequoia Analytical (a California-certified laboratory) for analysis of benzene, toluene, ethylbenzene, total xylenes, and methyl tertiary butyl ether (MTBE) using EPA Method 8020, and total purgeable petroleum hydrocarbons (TPPH) as gasoline using EPA Method 8015 Modified. A summary of analytical results from ground water samples collected to date are presented in Table 1.

Laboratory chemical analysis indicated that ground water samples from MW-6 and MW-7 were below the laboratory's reporting limits for benzene, MTBE, and TPPH as gasoline. A concentration of total xylenes was reported in MW-6 at 1.77 micrograms per liter. A copy of the laboratory analytical report for the first quarter 1999 sampling event is presented in Enclosure B.

Future Work

The next quarterly monitoring event for this site is scheduled for June 1999. A closure report was submitted to Alameda County Health Care Services on September 14, 1998.

Remarks/Signatures

The interpretations contained in this report 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 a copy of this report 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

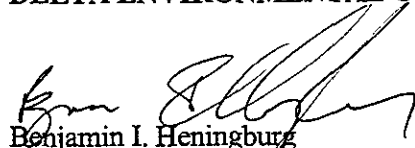
Mr. Scott Seery
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, California 94502-5577

Ms. Marla D. Guensler
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May 13, 1999
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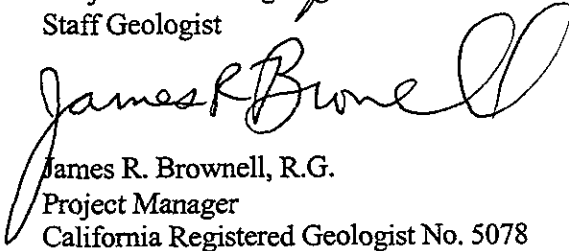
If you have any questions regarding this project, please contact Jim Brownell at (916) 638-2765.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.



Benjamin I. Heningburg
Staff Geologist



James R. Brownell, R.G.
Project Manager
California Registered Geologist No. 5078

BIH (LRP014.doc)
Enclosures

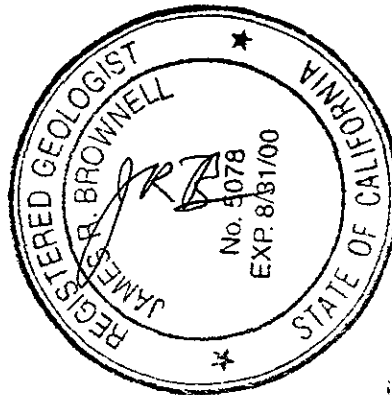


TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-7003

349 Main Street

Pleasanton, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Ground Water (feet)	Ground Water Elevation (feet)	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 ^a	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 ^a	NA	No LPH
	03/12-13/92		22.52	321.31	87	22	1,200	1,000	1,400	NA	NA	14 ^a , 2.1 ^b , 1.2 ^c 0.5 ^d , 0.8 ^e	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 ^a	NA	No LPH
	02/02-03/93		19.00	324.83	61	27	900	840	10,000	NA	<5,000	19 ^a , 2.2 ^b 1.1 ^d , 2.4 ^c	NA	No LPH
	06/08-09/93		16.62	327.21	42	32	970	720	7,500	NA	<5,000	1.8 ^a , 1.0 ^c , 0.8 ^e	NA	No LPH
	09/22-23/93		19.63	324.20	36	34	820	540	6,600	NA	<5,000	0.6 ^e	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
	09/17/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NM
	12/23/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NM
	03/24/98		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NM
	06/15/98		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NM

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-7003
 349 Main Street
 Pleasanton, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Ground Water (feet)	Ground Water Elevation (feet)	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
	09/11/98		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NM
	12/15/98		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NM
	03/30/99		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NM

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-7003

349 Main Street

Pleasanton, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Ground Water (feet)	Ground Water Elevation (feet)	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. 7-7003

349 Main Street

Pleasanton, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Ground Water (feet)	Ground Water Elevation (feet)	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°	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. 7-7003

349 Main Street

Pleasanton, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Ground Water (feet)	Ground Water Elevation (feet)	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 ^c	NA	No LPH
	01/10/92		29.06	314.32	0.9	<0.5	7.6	4.4	98	<100	NA	1.0 ^c	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 ^c	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 ^c	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 ^c	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. 7-7003

349 Main Street

Pleasanton, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Ground Water (feet)	Ground Water Elevation (feet)	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 ^a	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	NA	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	<2.5	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. 7-7003

349 Main Street

Pleasanton, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Ground Water (feet)	Ground Water Elevation (feet)	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
	09/17/97		28.54	313.71	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	12/23/97		28.93	313.32	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	03/24/98		19.00	323.25	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	06/15/98		21.21	321.04	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	09/11/98		26.60	315.65	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	12/15/98		27.41	314.84	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	03/30/99		23.96	318.29	<0.5	<0.5	<0.5	1.77	<50	NA	NA	NA	<2.0	No LPH

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-7003

349 Main Street

Pleasanton, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Ground Water (feet)	Ground Water Elevation (feet)	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 ^a , 0.8 ^b	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	NA	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	<2.5	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
	09/17/97		21.64	321.98	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	12/23/97		21.27	322.35	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	03/24/98		15.64	327.98	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	06/15/98		17.77	325.85	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	09/11/98		20.73	322.89	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	12/15/98		20.77	322.85	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5	No LPH
	03/30/99		19.67	323.95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.0	No LPH

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Ground Water (feet)	Ground Water Elevation (feet)	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. 7-7003

349 Main Street

Pleasanton, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Ground Water (feet)	Ground Water Elevation (feet)	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	21.92	321.46	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 ⁱ	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 ⁱ	<5.0 ⁱ	250	81	3,800	NA	NA	NA	<50	No LPH
	06/25/96		18.99	324.39	19	<5.0 ⁱ	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. 7-7003

349 Main Street

Pleasanton, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Ground Water (feet)	Ground Water Elevation (feet)	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 ^h	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. 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Ground Water (feet)	Ground Water Elevation (feet)	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

^a Chloroform.

^b Methylene chloride.

^c 1,2-Dichloroethane.

^d Trichloroethane.

^e Tetrachloroethane.

^f Sample was diluted due to the presence of high levels of hydrocarbons

^g Bromodichloromethane.

^h 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.

ⁱ 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 on north edge of well casing

µg/L = Micrograms per liter.

ppm = parts per million.

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

VOC = Volatile organic compounds.

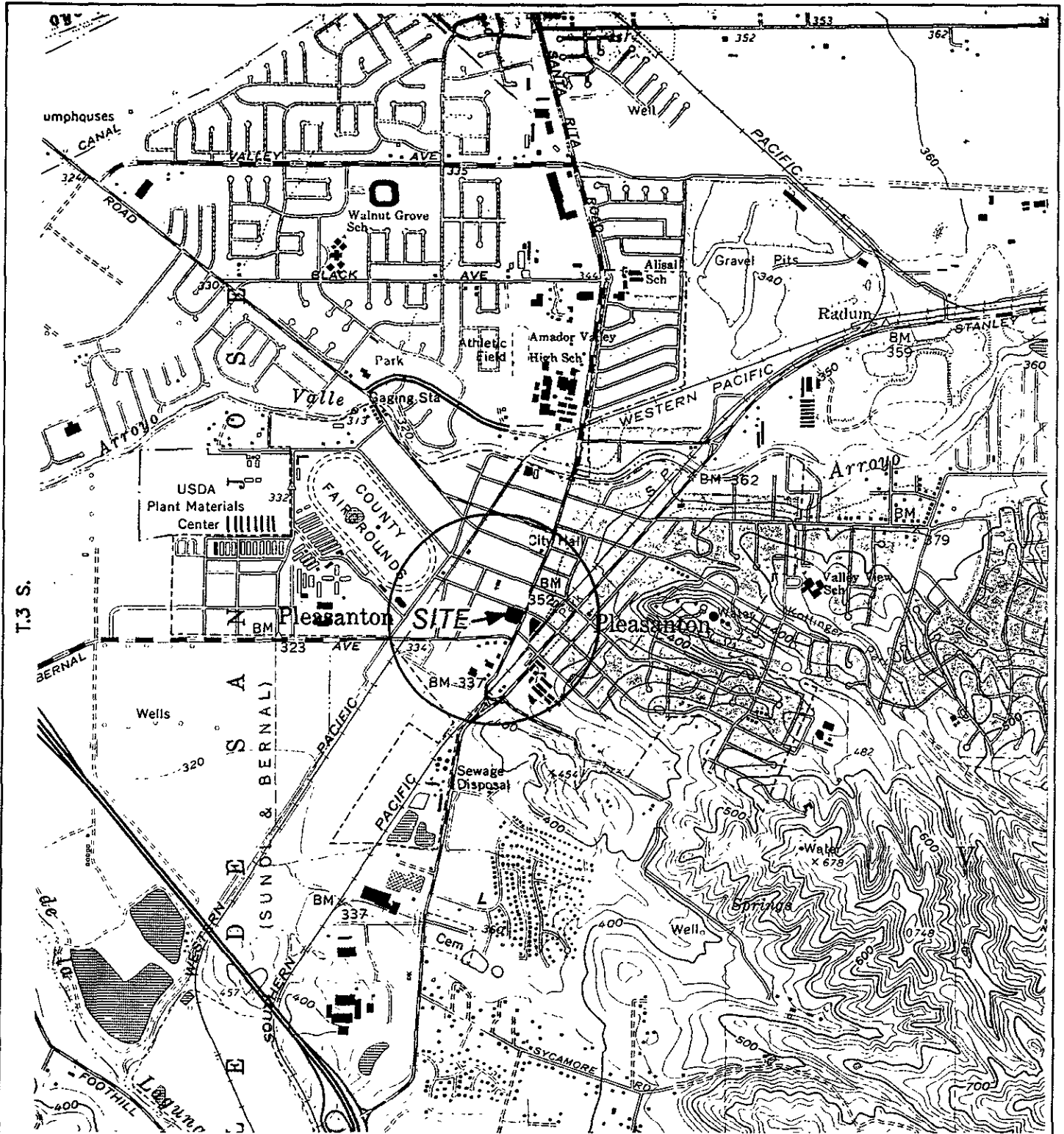
MTBE = Methyl tertiary butyl ether.

LPH = Liquid-phase petroleum hydrocarbons.

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



R.1 E.



QUADRANGLE LOCATION

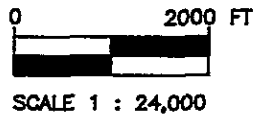
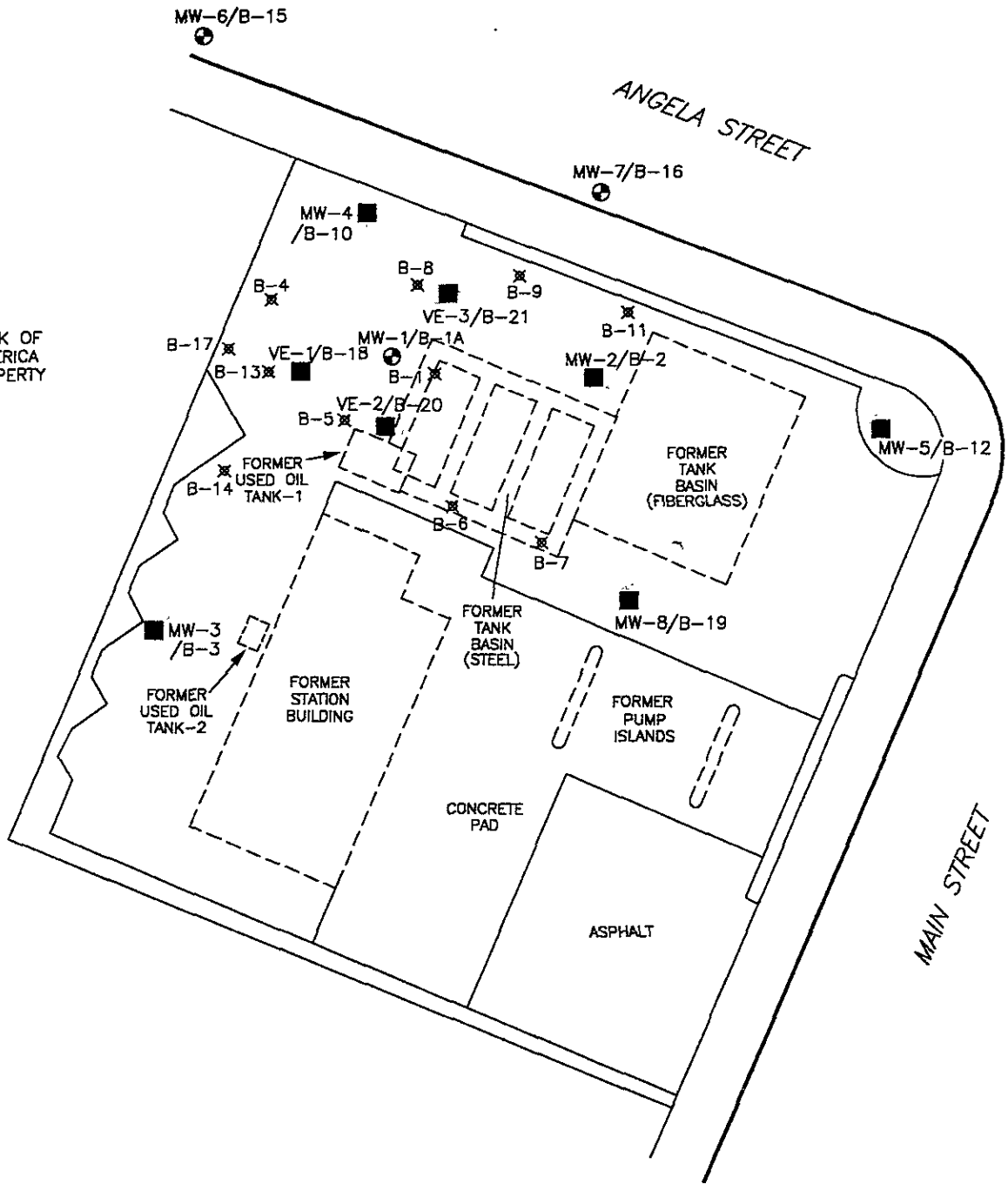


FIGURE 1
 SITE LOCATION MAP
 EXXON STATION NO. 7-7003
 349 MAIN STREET
 PLEASANTON, CA.

PROJECT NO. D094-838	DRAWN BY LH. 8/24/84
FILE NO.	PREPARED BY REC
REVISION NO. 1	REVIEWED BY JCB 10/14/84



BANK OF AMERICA PROPERTY



LEGEND:

- ⊙ VE-1 VAPOR EXTRACTION WELL LOCATION
- ⊕ MW-1 MONITORING WELL LOCATION
- MW-2 DESTROYED MONITORING WELL LOCATION
- VE-1 DESTROYED VAPOR EXTRACTION WELL LOCATION
- ⊗ B-1 SOIL BORING LOCATION



FIGURE 2
SITE MAP

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

PROJECT NO. D094-838	DRAWN BY M.L. 8/6/98
FILE NO. 94-838-1	PREPARED BY BIH
REVISION NO. 8	REVIEWED BY <i>JK Balzola</i>



ENCLOSURE A

Field Methods and Procedures

FIELD METHODS AND PROCEDURES

1.0 GROUND WATER AND LIQUID-PHASE PETROLEUM HYDROCARBON

DEPTH 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 LPH and the appearance of a petroleum sheen.

3.0 MONITORING WELL PURGING AND SAMPLING

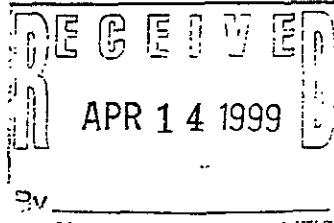
Monitoring wells were purged using a submersible pump or bailer until pH, temperature, and conductivity of the purge water had stabilized and a minimum of three to four well volumes of water had been removed. After purging, ground water levels were allowed to stabilize. A ground water sample was then 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

Ground Water Laboratory Analytical Report



April 13, 1999



Jim Brownell
Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670

RE: Exxon/P904048

Dear Jim Brownell

Enclosed are the results of analyses for sample(s) received by the laboratory on April 1, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matt Sakai
Project Manager

CA ELAP Certificate Number 2245





Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670

Project: Exxon
Project Number: Pleasanton/94-838
Project Manager: Jim Brownell

Sampled: 3/30/99
Received: 4/1/99
Reported: 4/13/99

ANALYTICAL REPORT FOR P904048

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW 6	P904048-01	Water	3/30/99
MW 7	P904048-02	Water	3/30/99





Delta Environmental Consultants 3164 Gold Camp Dr., Suite 200 Rancho Cordova, CA 95670	Project: Exxon Project Number: Pleasanton/94-838 Project Manager: Jim Brownell	Sampled: 3/30/99 Received: 4/1/99 Reported: 4/13/99
----------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------	-----------------------------------------------------------

**Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW 6				P904048-01			Water	
Gasoline	9040216	4/9/99	4/9/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	1.77	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		100	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		96.7	"	
MW 7				P904048-02			Water	
Gasoline	9040216	4/9/99	4/9/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		101	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		97.3	"	





Delta Environmental Consultants 3164 Gold Camp Dr., Suite 200 Rancho Cordova, CA 95670	Project: Exxon Project Number: Pleasanton/94-838 Project Manager: Jim Brownell	Sampled: 3/30/99 Received: 4/1/99 Reported: 4/13/99
----------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------	-----------------------------------------------------------

**Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9040216		Date Prepared: 4/9/99			Extraction Method: EPA 5030 waters					
Blank		9040216-BLK1								
Gasoline	4/9/99			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Methyl tert-butyl ether	"			ND	"	2.00				
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	300		305	"	65.0-135	102			
<i>Surrogate: 4-Bromofluorobenzene</i>	"	300		289	"	65.0-135	96.3			
LCS		9040216-BS1								
Benzene	4/9/99	100		92.6	ug/l	65.0-135	92.6			
Toluene	"	100		91.6	"	65.0-135	91.6			
Ethylbenzene	"	100		88.6	"	65.0-135	88.6			
Xylenes (total)	"	300		279	"	65.0-135	93.0			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	300		290	"	65.0-135	96.7			
Matrix Spike		9040216-MS1	P904048-01							
Benzene	4/9/99	100	ND	92.2	ug/l	65.0-135	92.2			
Toluene	"	100	ND	91.8	"	65.0-135	91.8			
Ethylbenzene	"	100	ND	89.6	"	65.0-135	89.6			
Xylenes (total)	"	300	1.77	281	"	65.0-135	93.1			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	300		293	"	65.0-135	97.7			
Matrix Spike Dup		9040216-MSD1	P904048-01							
Benzene	4/9/99	100	ND	97.2	ug/l	65.0-135	97.2	20.0	5.28	
Toluene	"	100	ND	96.8	"	65.0-135	96.8	20.0	5.30	
Ethylbenzene	"	100	ND	94.4	"	65.0-135	94.4	20.0	5.22	
Xylenes (total)	"	300	1.77	297	"	65.0-135	98.4	20.0	5.54	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	300		297	"	65.0-135	99.0			





Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670

Project: Exxon
Project Number: Pleasanton/94-838
Project Manager: Jim Brownell

Sampled: 3/30/99
Received: 4/1/99
Reported: 4/13/99

Notes and Definitions

#	Note
---	------

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
-----	-----------------------------------------------

Recov.	Recovery
--------	----------

RPD	Relative Percent Difference
-----	-----------------------------





Sequoia Analytical
680 Chesapeake Dr.
Redwood City, CA 94063
(650) 364-9600 • FAX (650) 364-9233

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

Consultant's Name: Delta Environmental Page 1 of 1

Address: 3164 Gold Camp DR Rancho Conejo Site Location: Reusinton

Project #: _____ Consultant Project #: 94-838 Consultant Work Release #: 19432528

Project Contact: Jim Brownell Phone #: 916-638-2085 Laboratory Work Release #: _____

EXXON Contact: Murka Phone #: _____ EXXON RAS #: 7-7003

Sampled by (print): Chris Hill / Mandy Morgan Sampler's Signature: [Signature]

Shipment Method: _____ Air Bill #: _____

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

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	ANALYSIS REQUIRED				Temperature: _____	
							TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	MTBE 8020		Inbound Seal: Yes No
<u>mw 6</u>	<u>3-30-99</u>	<u>0628</u>	<u>Water</u>	<u>ACL</u>	<u>6</u>		<u>X</u>			<u>X</u>	<u>X</u>	<u>MTBE</u>
<u>mw 7</u>	<u>3-30-99</u>	<u>0656</u>	<u>\</u>	<u>\</u>	<u>6</u>		<u>X</u>			<u>X</u>	<u>X</u>	<u>By 8260</u>
												<u>For Samples</u>
												<u>with Detectable</u>
												<u>MTBE by 8020</u>

COOLER CUSTODY SEALS INTACT NOT INTACT N/A

COOLER TEMPERATURE 5 °C

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
<u>[Signature]</u> Delta	<u>3/30/99</u>	<u>12:05</u>	<u>[Signature]</u> N/A	<u>3/30/99</u>	<u>12:05</u>	
<u>[Signature]</u>	<u>3/31/99</u>	<u>0845</u>	<u>[Signature]</u>	<u>3/31/99</u>	<u>0808</u>	
	<u>3/31/99</u>		<u>[Signature]</u>	<u>4/1/99</u>	<u>11:15</u>	

Pink - Client
Yellow - Sequoia
White - Sequoia