EXXON COMPANY, U.S.A.
P.O. BOX 4032 • CONCORD, CA 94524-4032

MARKETING DEPARTMENT • ENVIRONMENTAL ENGINEERING

MARLA D. GUENSLER
SENIOR ENGINEER
(510) 246-8776
(510) 246-8798 FAX

July 30, 1996

Mr. Scott Seery
Alameda County Environmental Health Department
Hazardous Materials Division
1131 Harbor Bay Parkway
Alameda, CA 94501 6577

RE: Exxon RAS #7-7003/349 Main St., Pleasanton, CA

Dear Mr. Seery:

Attached for your review and comment is a letter report entitled ***Quarterly Ground Water Monitoring Report, Second Quarter 1996,*** for the above referenced site. This report, prepared by Delta Environmental Consultants of Rancho Cordova, California, details the results of the June 1996 monitoring and sampling events.

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

Sincerely,

Marla D. Guensler
Senior Engineer

MDG/cms

attachment: Delta Report dated July 24, 1996

cc: w/attachment:
Mr. Jerry Killingstad - Alameda Co. Flood Control and Water Conservation District
Mr. Sum Arigalia - San Francisco Bay Region WQCB

w/o attachment:
Ms. Linda McGahan - Delta Environmental

Delta
Environmental
Consultants, Inc.

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

July 24, 1996

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 1996*
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 June 25, 1996. The location of the site is shown in Figure 1 and site features are illustrated in Figure 2. All 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 through MW-8, and vapor extraction wells VE-1 through VE-3 on June 25, 1996. Depth to ground water in the measured wells ranged from 17.85 (MW-3) to 22.96 (MW-6) feet below the top of the well casings. Cumulative ground water table measurements are presented in Table 1.

A water table contour map constructed from the ground water elevations recorded on June 25, 1996, is included in Figure 3. The water table contours illustrated in Figure 3 indicate that ground water flowed toward the northwest with a hydraulic gradient of approximately 0.07.

Subjective Analysis

No liquid-phase petroleum hydrocarbons or hydrocarbon sheens were present in the wells during the second quarter 1996 monitoring event.

Analytical Results

Ground water samples were collected from monitoring wells MW-1 through MW-8, and vapor extraction wells VE-1 through VE-3 on June 25, 1996. The samples were submitted to Sequoia Analytical (a California-certified laboratory) for analysis of benzene, toluene, ethylbenzene, total xylenes, methyl tertiary butyl ether (MTBE), and total petroleum hydrocarbons (TPH) as gasoline. Cumulative analytical results are summarized in Table 2, and a copy of the laboratory analytical report for the second quarter 1996, sampling event is presented in Enclosure B.

Analytical results report that benzene was present in the ground water samples collected from monitoring wells MW-1, MW-2, and VE-1 through VE-3 at concentrations ranging from 1.4 micrograms per liter (μg/L) in MW-2 to 31 μg/L in VE-2. The remaining ground water samples did not contain benzene above the laboratory detection limits. A dissolved benzene isoconcentration map is presented in Figure 4. Ground water samples collected from monitoring wells MW-1, MW-2, MW-8, and VE-1 through VE-3 contained TPH as gasoline in concentrations ranging from 67 μg/L (VE-3) to 3,800 μg/L (VE-1). MTBE constituents were reported above the laboratory detection limits in the ground water samples obtained from MW-1 and VE-1 through VE-3 which reported concentrations ranging from 5.1 μg/L (VE-3) to 28 μg/L (VE-2).

Future Work

The next quarterly monitoring event for this site is scheduled for September 1996.

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 copies of this report be forwarded to:

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

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

If you have any questions regarding this project, please contact Keoni Almeida at (916) 638-2085.

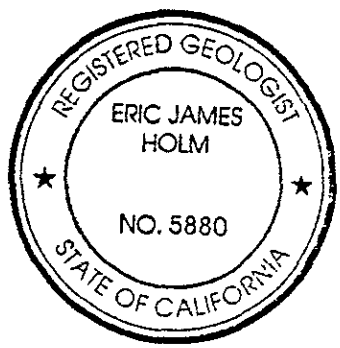
Sincerely,

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 (LRP002.838)
Enclosures

TABLE 1

GROUND WATER LEVEL MEASUREMENTS

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Reference[a] Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Comments
MW-1	02/23/90	343.83	26.08	317.75	No LPH[b]
	06/15/90		26.49	317.34	No LPH
	08/90		26.47	317.36	No LPH
	12/18/90		28.00	315.83	No LPH
	03/19/91		23.63	320.20	No LPH
	06/27/91		22.11	321.72	No LPH
	09/26/91		27.75	316.08	No LPH
	01/10/92		25.61	318.22	No LPH
	03/12-13/92		22.52	321.31	No LPH
	06/09/92		21.53	322.30	No LPH
	09/28-29/92		29.84	313.99	No LPH
	12/12/92		23.86	319.97	No LPH
	02/02-03/93		19.00	324.83	No LPH
	06/08-09/93		16.62	327.21	No LPH
	09/22-23/93		19.63	324.20	No LPH
	11/17-18/93		20.82	323.01	No LPH
	02/16-17/94		21.47	322.36	No LPH
	05/12-13/94		19.78	324.05	No LPH
	09/07/94		21.16	322.67	No LPH
	12/02/94		Dry	---	---
	03/06/95		18.70	325.13	No LPH
	05/30/95		17.70	326.13	No LPH
	09/06/95		20.21	323.62	No LPH
	11/30/95		21.47	322.36	No LPH
	03/28/96		15.45	328.38	No LPH
	06/25/96		18.91	324.92	No LPH

TABLE 1-Continued

GROUND WATER LEVEL MEASUREMENTS

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Reference[a] Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Comments
MW-2	02/23/90	344.22	26.31	317.91	No LPH
	06/15/90		26.25	317.97	No LPH
	08/90		26.15	318.07	No LPH
	12/18/90		27.94	316.28	No LPH
	03/19/91		23.41	320.81	No LPH
	06/27/91		21.63	322.59	No LPH
	09/26/91		27.19	317.03	No LPH
	01/10/92		25.67	318.55	No LPH
	03/12-13/92		22.28	321.94	No LPH
	06/09/92		21.17	323.05	No LPH
	09/28-29/92		29.58	314.64	No LPH
	12/12/92		NM[c]	---	NM
	02/02-03/93		18.69	325.53	No LPH
	06/08-09/93		16.32	327.90	No LPH
	09/22-23/93		19.43	324.79	No LPH
	11/17-18/93		20.56	323.66	No LPH
	02/16-17/94		20.93	323.29	No LPH
	05/12-13/94		19.64	324.58	No LPH
	09/07/94		20.93	323.29	No LPH
	12/02/94		20.39	323.83	No LPH
	03/06/95		18.66	325.56	No LPH
	05/30/95		17.69	326.53	No LPH
	09/06/95		20.18	324.04	No LPH
	11/30/95		21.17	323.05	No LPH
	03/28/96		NM	---	---
	06/25/96		18.91	325.31	No LPH

TABLE 1-Continued

GROUND WATER LEVEL MEASUREMENTS

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Reference[a] Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Comments
MW-3	02/23/90	342.70	24.78	317.92	No LPH
	06/15/90		25.29	317.41	No LPH
	08/90		25.40	317.30	No LPH
	12/18/90		26.84	315.86	No LPH
	03/19/91		22.13	320.57	No LPH
	06/27/91		21.04	321.66	No LPH
	09/26/91		26.63	316.07	No LPH
	01/10/92		24.26	318.44	No LPH
	03/12-13/92		21.60	321.10	No LPH
	06/09/92		20.88	321.82	No LPH
	09/28-29/92		28.67	314.03	No LPH
	12/12/92		20.73	321.97	No LPH
	02/02-03/93		19.30	323.40	No LPH
	06/08-09/93		15.89	326.81	No LPH
	09/22/93		18.63	324.07	No LPH
	11/17-18/93		19.97	322.73	No LPH
	02/16-17/94		20.64	322.06	No LPH
	05/12-13/94		18.32	324.38	No LPH
	09/07/94		20.52	322.18	No LPH
	12/02/94		19.59	323.11	No LPH
	03/06/95		16.98	325.72	No LPH
	05/30/95		16.65	326.05	No LPH
	09/06/95		18.86	323.84	No LPH
	11/30/95		20.76	321.94	No LPH
	03/28/96		14.93	327.77	No LPH
	06/25/96		17.85	324.85	No LPH

TABLE 1-Continued

GROUND WATER LEVEL MEASUREMENTS

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Reference[a] Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Comments
MW-4	06/15/90	343.38	30.94	312.44	No LPH
	08/90		31.21	312.17	No LPH
	12/18/90		32.86	310.52	No LPH
	03/19/91		26.76	316.62	No LPH
	06/27/91		25.91	317.47	No LPH
	09/26/91		32.29	311.09	No LPH
	01/10/92		29.06	314.32	No LPH
	03/12-13/92		24.25	319.13	No LPH
	06/09/92		25.00	318.38	No LPH
	09/28-29/92		34.41	308.97	No LPH
	12/12/92		30.77	312.61	No LPH
	02/02-03/93		21.03	322.35	No LPH
	06/08-09/93		18.35	325.03	No LPH
	09/22-23/93		21.86	321.52	No LPH
	11/17-18/93		22.98	320.40	No LPH
	02/16-17/94		23.94	319.44	No LPH
	05/12-13/94		22.30	321.08	No LPH
	09/07/94		23.44	319.94	No LPH
	12/02/94		23.07	320.31	No LPH
	03/06/95		20.52	322.86	No LPH
	05/30/95		19.16	324.22	No LPH
	09/06/95		22.26	321.12	No LPH
	11/30/95		23.67	319.71	No LPH
	03/28/96		16.50	326.88	No LPH
	06/25/96		20.38	323.00	No LPH

TABLE 1-Continued

GROUND WATER LEVEL MEASUREMENTS

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Reference[a] Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Comments
MW-5	06/15/90	345.20	26.94	318.26	No LPH
	08/90		26.90	318.30	No LPH
	12/18/90		28.31	316.89	No LPH
	03/19/91		23.98	321.22	No LPH
	06/27/91		22.41	322.79	No LPH
	09/26/91		27.77	317.43	No LPH
	01/10/92		26.38	318.82	No LPH
	03/12-13/92		22.08	323.12	No LPH
	06/09/92		31.98	313.22	No LPH
	09/28-29/92		30.26	314.94	No LPH
	12/12/92		27.20	318.00	No LPH
	02/02-03/93		20.01	325.19	No LPH
	06/08-09/93		16.80	328.40	No LPH
	09/22-23/93		20.28	324.92	No LPH
	11/17-18/93		21.19	324.01	No LPH
	02/16-17/94		21.61	323.89	No LPH
	05/12-13/94		20.61	324.59	No LPH
	09/07/94		21.63	323.57	No LPH
	12/02/94		21.12	324.08	No LPH
	03/06/95		19.67	325.53	No LPH
	05/30/95		18.63	326.57	No LPH
	09/06/95		21.02	324.18	No LPH
	11/30/95		21.87	323.33	No LPH
	03/28/96		16.19	329.01	No LPH
	06/25/96		19.92	325.28	No LPH

TABLE 1-Continued

GROUND WATER LEVEL MEASUREMENTS

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Reference[a] Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Comments
MW-6	03/19/91	342.25	34.42	307.83	No LPH
	06/27/91		35.01	307.24	No LPH
	09/26/91		40.34	301.91	No LPH
	01/10/92		36.20	306.05	No LPH
	03/12-13/92		31.95	310.30	No LPH
	06/09/92		33.22	309.03	No LPH
	09/28-29/92		40.96	301.29	No LPH
	12/12/92		NM	---	NM
	02/02/93		26.51	315.74	No LPH
	06/08/93		22.62	319.63	No LPH
	09/22/93		26.74	315.51	No LPH
	11/17-18/93		28.49	313.76	No LPH
	02/16-17/94		29.83	312.42	No LPH
	05/12-13/94		27.89	314.36	No LPH
	09/07/94		28.81	313.44	No LPH
	12/02/94		28.55	313.70	No LPH
	03/06/95		24.70	317.55	No LPH
	05/30/95		22.03	320.22	No LPH
	09/06/95		26.54	315.71	No LPH
	11/30/95		28.90	313.35	No LPH
	03/28/96		NM	---	---
	06/25/96		22.96	319.29	No LPH

TABLE 1-Continued

GROUND WATER LEVEL MEASUREMENTS

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Reference[a] Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Comments
MW-7	03/19/91	343.62	24.68	318.94	No LPH
	06/27/91		23.10	320.52	No LPH
	09/26/91		NM	---	NM
	01/10/92		26.98	316.64	No LPH
	03/12-13/92		21.86	321.76	No LPH
	06/09/92		22.32	321.30	No LPH
	09/28-29/92		31.92	311.70	No LPH
	12/12/92		28.80	314.82	No LPH
	02/02-03/93		19.50	324.12	No LPH
	06/08-09/93		16.72	326.90	No LPH
	09/22-23/93		19.90	323.72	No LPH
	11/17-18/93		20.75	322.87	No LPH
	02/16-17/94		21.36	322.26	No LPH
	05/12-13/94		20.32	323.30	No LPH
	09/07/94		21.19	322.43	No LPH
	12/02/94		20.95	322.67	No LPH
	03/06/95		19.35	324.27	No LPH
	05/30/95		18.19	325.43	No LPH
	09/06/95		20.57	323.05	No LPH
	11/30/95		21.64	321.98	No LPH
	03/28/96		NM	---	---
	06/25/96		19.51	324.11	No LPH
MW-8	06/08-09/93	344.00	15.78	328.22	No LPH
	09/22-23/93		18.86	325.14	No LPH
	11/17-18/93		20.01	323.99	No LPH
	02/16-17/94		20.30	323.70	No LPH
	05/12-13/94		18.92	325.08	No LPH
	09/07/94		20.25	323.75	Sheen
	12/02/94		19.73	324.27	No LPH
	03/06/95		17.66	326.34	No LPH
	05/30/95		16.97	327.03	No LPH
	09/06/95		19.30	324.70	No LPH
	11/30/95		20.44	323.56	No LPH
	03/28/96		14.91	329.09	No LPH
	06/25/96		18.10	325.90	No LPH

TABLE 1-Continued

GROUND WATER LEVEL MEASUREMENTS

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Reference[a] Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Comments
VE-1	09/28/92	343.38	31.92	311.46	No LPH
	06/08/93		16.44	326.94	No LPH
	09/22-23/93		19.47	323.91	No LPH
	11/17-18/93		20.64	322.74	No LPH
	02/16-17/94		21.20	322.18	No LPH
	05/12-13/94		19.69	323.69	No LPH
	09/07/94		21.30	322.08	No LPH
	12/02/94		20.63	322.75	No LPH
	03/06/95		18.40	324.98	No LPH
	05/30/95		17.58	325.80	No LPH
	09/06/95		20.32	323.06	No LPH
	11/30/95		21.75	321.63	No LPH
	03/28/96		15.75	327.63	No LPH
	06/25/96		18.99	324.39	No LPH
VE-2	06/08/93	343.39	16.20	327.19	No LPH
	09/22-23/93		19.23	324.16	No LPH
	11/17-18/93		20.44	322.95	No LPH
	02/16-17/94		20.90	322.49	No LPH
	05/12-13/94		19.41	323.98	No LPH
	09/07/94		20.94	322.45	Sheen
	12/02/94		20.30	323.09	No LPH
	03/06/95		18.14	325.25	No LPH
	05/30/95		17.29	326.10	Sheen
	09/06/95		19.99	323.40	No LPH
	11/30/95		21.33	322.06	No LPH
	03/28/96		15.23	328.16	No LPH
	06/25/96		18.53	324.86	No LPH

TABLE 1-Continued

GROUND WATER LEVEL MEASUREMENTS

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Reference[a] Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Comments
VE-3	06/08/93	343.39	16.48	326.91	No LPH
	09/22-23/93		18.96	324.43	No LPH
	11/17-18/93		20.00	323.39	No LPH
	02/16-17/94		21.02	322.37	No LPH
	05/12-13/94		20.58	322.81	No LPH
	09/07/94		20.35	323.04	No LPH
	12/02/94		21.85	321.54	No LPH
	03/06/95		19.12	324.27	No LPH
	05/30/95		17.37	326.02	No LPH
	09/06/95		19.49	323.90	No LPH
	11/30/95		20.96	322.43	No LPH
	03/28/96		15.68	327.71	No LPH
	06/25/96		18.37	325.02	No LPH

[a] Elevation of top of well casing, relative to mean sea level.
[b] Liquid-phase petroleum hydrocarbons.
[c] Not monitored.

TABLE 2

GROUND WATER SAMPLE ANALYTICAL RESULTS

Concentrations in micrograms per liter (μg/L)

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Xylenes	TPH[a] as gasoline	Lead	Total Oil and Grease	VOC[b]	MTBE[n]
MW-1	02/23/90	21	9.2	59	19	3,300	100	NA[c]	NA	NA
	06/15/90	7.9	5.9	32	58	1,300	<50	NA	NA	NA
	08/90	77	280	50	250	2,500	<50	NA	NA	NA
	12/18/90	9.0	2.0	43	400	390	<100	NA	NA	NA
	03/19/91	45	12	240	300	4,500	<100	NA	12.0[d]	NA
	06/27/91	5.4	2.6	29	34	710	<100	NA	ND[e]	NA
	09/26/91	1.9	<0.5	0.6	0.6	290	<100	NA	ND	NA
	01/10/92	52	15	690	496	5,400	<100	NA	6.1[d]	NA
	03/12-13/92	87	22	1,200	1,000	1,400	NA	NA	2.1[f] 14[d] 1.2[g] 0.5[h] 0.8[i]	NA
	06/09/92	27	5.9	400	300	4,500	<100	<5,000	ND	NA
	09/28-29/92	<0.5	0.9	<0.5	<0.5	60	NA	<5,000	ND	NA
	12/12/92	53	18	1,100	570	1,400	NA	<5,000	49[d]	NA
	02/02-03/93	61	27	900	840	10,000	NA	<5,000	2.2[f] 19[d] 1.1[h] 2.4[i]	NA
	06/08-09/93	42	32	970	720	7,500	NA	<5,000	1.8[d] 1.0[g] 0.8[i]	NA
	09/22-23/93	36	34	820	540	6,600	NA	<5,000	0.6[j]	NA
	11/17-18/93	24	10	470	300	5,900	NA	NA	ND	NA
	02/16-17/94	42	15	470	330	6,700	NA	NA	ND[j]	NA
	05/12-13/94	26	9.4	400	210	4,000	NA	<5,000	ND[j]	NA
	09/07/94	3.5	2.0	17	18	170	NA	NA	ND	NA
	12/02/94	NS[k]	NS	NS	NS	NS	NS	NS	NS	NA
	03/06/95	9.8	5.2	130	80	1,500	NA	NA	ND	NA
	05/30/95	41	14	480	270	6,200	NA	NA	ND	<50
	09/06/95	8.1	5.7	120	65	1,500	NA	NA	NA	<12
	11/30/95	1.9	0.70	5.3	5.5	77	NA	NA	NA	<5.0

TABLE 2-Continued

GROUND WATER SAMPLE ANALYTICAL RESULTS
Concentrations in micrograms per liter (μg/L)

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Xylenes	TPH[a] as gasoline	Lead	Total Oil and Grease	VOC[b]	MTBE[a]
MW-1 (Cont.)	03/28/96	54	5.8	420	210	6,700	NA	NA	NA	<50
	06/25/96	17	12	110	72	1,600	NA	NA	NA	11
MW-2	02/23/90	3.0	2.0	0.98	6.5	650	8.0	NA	NA	NA
	06/15/90	<0.5	2.6	<0.5	<0.5	670	<50	NA	NA	NA
	08/90	24	130	37	170	1,300	<50	NA	NA	NA
	12/18/90	<0.3	0.5	1.0	3.0	470	<100	NA	NA	NA
	03/19/91	10	3.4	6.1	3.8	700	<100	NA	ND	NA
	06/27/91	8.7	2.1	8.8	33	1,400	<100	NA	ND	NA
	09/26/91	<0.5	0.6	0.6	3.9	300	<100	NA	ND	NA
	01/10/92	9.3	1.0	2.4	3.2	800	<100	NA	ND	NA
	03/12-13/92	<0.5	0.6	0.63	1.0	350	NA	NA	ND	NA
	06/09/92	1.9	2.5	2.51	5.1	150	<100	NA	ND	NA
	09/28-29/92	<0.5	<0.5	<0.5	<0.5	71	NA	NA	ND	NA
	12/12/92	NS	NS	NS	NS	NS	NS	NS	NS	NA
	02/02-03/93	3.9	8.2	21	20	720	NA	NA	NA	NA
	06/08-09/93	0.5	3.3	5.7	2.0	160	NA	NA	NA	NA
	09/22-23/93	0.7	5.6	4.0	2.6	240	NA	NA	NA	NA
	11/17-18/93	1.2	2.3	3.2	1.3	490	NA	NA	NA	NA
	02/16-17/94	<0.5	2.3	1.0	2.0	280	NA	NA	NA	NA
	05/12-13/94	<0.5	0.7	0.6	3.8	100	NA	NA	NA	NA
	09/07/94	<0.5	<0.5	3.8	2.9	410	NA	NA	NA	NA
	12/02/94	<0.5	<0.5	<0.5	<0.5	55	NA	NA	NA	NA
	03/06/95	<0.5	<0.5	<0.5	<0.5	190	NA	NA	NA	NA
	05/30/95	0.55	<0.5	<0.5	<0.5	58	NA	NA	NA	<2.5
	09/06/95	<0.5	<0.5	<0.5	<0.5	81	NA	NA	NA	<2.5
	11/30/95	3.4	<0.5	<0.5	0.85	200	NA	NA	NA	<5.0
	03/28/96	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/25/96	1.4	<0.5	<0.5	<0.5	68	NA	NA	NA	<5.0

TABLE 2-Continued

GROUND WATER SAMPLE ANALYTICAL RESULTS
Concentrations in micrograms per liter ($\mu g/L$)

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Xylenes	TPH[a] as gasoline	Lead	Total Oil and Grease	VOC[b]	MTBE[n]
MW-3	02/23/90	<0.5	<0.5	<0.5	<0.5	<20	100	NA	NA	NA
	06/15/90	<0.5	<0.5	<0.5	<0.5	200	<50	NA	NA	NA
	08/90	54	380	23	400	3,200	<50	NA	NA	NA
	12/18/90	8.0	12	6.0	24	200	<100	<5,000	4.1[l]	NA
	03/19/91	<0.5	<0.5	<0.5	<0.5	<50	<100	<5,000	ND	NA
	06/27/91	<0.5	<0.5	<0.5	<0.5	<50	<100	<5,000	ND	NA
	09/26/91	<0.5	<0.5	<0.5	<0.5	<50	<100	<5,000	ND	NA
	01/10/92	<0.5	<0.5	<0.5	<0.5	<50	<100	5,100	ND	NA
	03/12-13/92	<0.5	<0.5	<0.5	<0.5	<50	NA	5,000	ND	NA
	06/09/92	<0.5	<0.5	<0.5	<0.5	<50	<100	<5,000	ND	NA
	09/28-29/92	<0.5	<0.5	<0.5	<0.5	<50	NA	<5,000	ND	NA
	12/12/92	<0.5	<0.5	<0.5	1.3	<50	NA	<5,000	NA	NA
	02/02-03/93	<0.5	<0.5	<0.5	<0.5	<50	NA	<5,000	NA	NA
	06/08-09/93	0.6	0.9	3.4	2.8	<50	NA	<5,000	NA	NA
	09/22/93	<0.5	1.0	1.6	4.4	<50	NA	NA	NA	NA
	11/17-18/93	<0.5	<0.5	<0.5	1.5	<50	NA	NA	NA	NA
	02/16-17/94	1.5	5.3	1.6	9.2	<50	NA	NA	NA	NA
	05/12-13/94	<0.5	0.8	<0.5	2.8	<50	NA	NA	NA	NA
	09/07/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	12/02/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	03/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	05/30/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5
	09/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5
	11/30/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0
	03/28/96	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0
	06/25/96	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0

TABLE 2-Continued

GROUND WATER SAMPLE ANALYTICAL RESULTS
Concentrations in micrograms per liter (μg/L)

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Xylenes	TPH[a] as gasoline	Lead	Total Oil and Grease	VOC[b]	MTBE[n]
MW-4	06/15/90	<0.5	<0.5	<0.5	<0.5	<20	<50	NA	NA	NA
	08/90	5.2	5.4	5.4	9.9	120	<50	NA	NA	NA
	12/18/90	7.0	1.0	<0.3	2.0	50	<100	NA	NA	NA
	03/19/91	1.8	0.8	2.2	11	160	<100	NA	ND	NA
	06/27/91	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND	NA
	09/26/91	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	1.0[g]	NA
	01/10/92	0.9	<0.5	7.6	4.4	98	<100	NA	1.0[g]	NA
	03/12-13/92	1.2	<0.5	5.3	4.3	82	NA	NA	ND	NA
	06/09/92	0.6	1.0	<0.5	2.5	<50	<100	NA	0.7[g]	NA
	09/28-29/92	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND	NA
	12/12/92	1.0	0.9	7.0	11	99	NA	NA	ND	NA
	02/02-03/93	2.3	2.2	6.2	8.4	170	NA	NA	ND	NA
	06/08-09/93	0.7	0.9	0.7	<0.5	<50	NA	NA	0.6[g]	NA
	09/22-23/93	0.8	2.0	3.1	5.3	59	NA	NA	ND	NA
	11/17-18/93	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND	NA
	02/16-17/94	8.7	17	4.2	24	98	NA	NA	0.5[g]	NA
	05/12-13/94	0.8	0.9	0.7	6.1	<50	NA	NA	ND	NA
	09/07/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND	NA
	12/02/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND	NA
	03/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND	NA
	05/30/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND	<2.5
	09/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5
	11/30/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0
	03/28/96	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0
	06/25/96	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0

TABLE 2-Continued

GROUND WATER SAMPLE ANALYTICAL RESULTS
Concentrations in micrograms per liter (μg/L)

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Xylenes	TPH[a] as gasoline	Lead	Total Oil and Grease	VOC[b]	MTBE[n]
MW-5	06/15/90	<0.5	<0.5	<0.5	<0.5	<20	60	NA	NA	NA
	08/90	9.7	12	7.6	17	120	<50	NA	NA	NA
	12/18/90	2.0	3.5	2.0	8.0	50	<100	NA	NA	NA
	03/19/91	<0.5	<0.5	<0.5	<0.5	160	<100	NA	NA	NA
	06/27/91	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	0.5[d]	NA
	09/26/91	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND	NA
	01/10/92	<0.5	<0.5	<0.5	0.6	98	<100	NA	ND	NA
	03/12-13/92	<0.5	<0.5	<0.5	<0.5	82	NA	NA	ND	NA
	06/09/92	NS	NS	NS	NS	NS	NS	NS	ND	NA
	09/28-29/92	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NS	NA
	12/12/92	0.9	11	0.5	3.1	210	NA	NA	ND	NA
	02/02-03/93	<0.5	2.7	<0.5	0.9	70	NA	NA	NA	NA
	06/08-09/93	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	09/22-23/93	1.0	<0.5	1.1	2.1	<50	NA	NA	NA	NA
	11/17-18/93	<0.5	<0.5	<0.5	0.9	<50	NA	NA	NA	NA
	02/16-17/94	1.2	4.3	1.4	8.2	<50	NA	NA	NA	NA
	05/12-13/94	1.7	2.3	1.5	9.1	<50	NA	NA	NA	NA
	09/07/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	12/02/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	03/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	05/30/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5
	09/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5
	11/30/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0
	03/28/96	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0
	06/25/96	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0

TABLE 2-Continued

GROUND WATER SAMPLE ANALYTICAL RESULTS
Concentrations in micrograms per liter (μg/L)

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Xylenes	TPH[a] as gasoline	Lead	Total Oil and Grease	VOC[b]	MTBE[a]
MW-6	03/19/91	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND	NA
	06/27/91	2.6	1.8	0.8	<0.30	<50	<100	NA	ND	NA
	09/26/91	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND	NA
	01/10/92	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND	NA
	03/12-13/92	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND	NA
	06/09/92	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND	NA
	09/28-29/92	<0.5	<0.5	0.9	0.9	<50	NA	NA	ND	NA
	12/12/92	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	02/02/93	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	06/08/93	0.6	0.7	1.7	1.8	<50	NA	NA	NA	NA
	09/22/93	<0.5	<0.5	0.7	1.1	<50	NA	NA	NA	NA
	11/17-18/93	0.6	0.8	1.2	3.9	<50	NA	NA	NA	NA
	02/16-17/94	3.8	7.9	2.0	11	51	NA	NA	NA	NA
	05/12-13/94	0.6	1.0	<0.5	2.7	<50	NA	NA	NA	NA
	09/07/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	12/02/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	03/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	05/30/95	<0.5	0.52	<0.5	<0.5	<50	NA	NA	NA	<2.5
	09/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5
	11/30/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0
	03/28/96	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/25/96	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0

TABLE 2-Continued

GROUND WATER SAMPLE ANALYTICAL RESULTS
Concentrations in micrograms per liter (μg/L)

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Xylenes	TPH[a] as gasoline	Lead	Total Oil and Grease	VOC[b]	MTBE[n]
MW-7	03/19/91	<0.5	<0.5	<0.5	<0.5	140	<100	NA	0.7[d]	NA
	06/27/91	5.2	5.6	3.9	16	100	<100	NA	0.8[l] ND	NA
	09/26/91									
	01/10/92	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND	NA
	03/12-13/92	<0.5	<0.5	<0.5	<0.5	120		NA	ND	NA
	06/09/92	<0.5	<0.5	<0.5	<0.5	81	<100	NA	ND	NA
	09/28-29/92	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND	NA
	12/12/92	5.1	6.9	3.3	19	200	NA	NA	NA	NA
	02/02-03/93	<0.5	6.6	0.6	1.7	170	NA	NA	NA	NA
	06/08-09/93	<0.5	0.8	<0.5	<0.5	<50	NA	NA	NA	NA
	09/22-23/93	0.6	0.9	0.7	1.1	<50	NA	NA	NA	NA
	11/17-18/93	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	02/16-17/94	0.9	2.7	<0.5	3.2	<50	NA	NA	NA	NA
	05/12-13/94	<0.5	1.1	<0.5	1.6	<50	NA	NA	NA	NA
	09/07/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	12/02/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	03/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	05/30/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5
	09/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5
	11/30/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0
	03/28/96	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/25/96	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0

TABLE 2-Continued

GROUND WATER SAMPLE ANALYTICAL RESULTS
Concentrations in micrograms per liter (μg/L)

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Xylenes	TPH[a] as gasoline	Lead	Total Oil and Grease	VOC[b]	MTBE[a]
MW-8	06/08-09/93	<0.5	1.1	0.8	1.7	65	NA	NA	NA	NA
	09/22-23/93	4.1	8.9	6.7	14	110	NA	NA	NA	NA
	11/17-18/93	<0.5	0.9	<0.5	<0.5	78	NA	NA	NA	NA
	02/16-17/94	<0.5	1.8	<0.5	<0.5	<50	NA	NA	NA	NA
	05/12-13/94	<0.5	1.0	<0.5	<0.5	<50	NA	NA	NA	NA
	09/07/94	<0.5	<0.5	<0.5	<0.5	67	NA	NA	NA	NA
	12/02/94	<0.5	<0.5	<0.5	<0.5	110	NA	NA	NA	NA
	03/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	05/30/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5
	09/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5
	11/30/95	<0.5	0.62	<0.5	6.8	<50	NA	NA	NA	<5.0
	03/28/96	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0
	06/25/96	<0.5	<0.5	<0.5	<0.5	79	NA	NA	NA	<5.0
VE-1	09/28/92	NS	NS	NS	NS	NS	NS	NS	NS	NA
	06/08/93	<5.0	15	830	500	5,800	NA	NA	NA	NA
	09/22-23/93	5.4	21	380	240	3,700	NA	NA	NA	NA
	11/17-18/93	5.8	2.0	220	180	3,600	NA	NA	NA	NA
	02/16-17/94	31	4.0	500	300	7,600	NA	NA	NA	NA
	05/12-13/94	0.7	<0.5	56	33	970	NA	NA	NA	NA
	09/07/94	7.3	46	620	150	8,100	NA	NA	NA	NA
	12/02/94	3.4	37	450	210	8,300	NA	NA	NA	NA
	03/06/95	<0.5	<0.5	<0.5	<0.5	52	NA	NA	NA	NA
	05/30/95	15	<5[c]	270	89	3,400	NA	NA	NA	<2.5
	09/06/95	<0.5	<0.5	1.6	<0.5	100	NA	NA	NA	<2.5
	11/30/95	48	10	240	35	5,200	NA	NA	NA	<50
	03/28/96	<5.0[c]	<5.0[c]	250	81	3,800	NA	NA	NA	<50
	06/25/96	19	<5.0[c]	140	42	3,800	NA	NA	NA	8.0

TABLE 2-Continued

GROUND WATER SAMPLE ANALYTICAL RESULTS
Concentrations in micrograms per liter (μg/L)

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Xylenes	TPH[a] as gasoline	Lead	Total Oil and Grease	VOC[b]	MTBE[a]
VE-2	06/08/93	10	18	900	340	7,000	NA	NA	NA	NA
	09/22-23/93	15	33	240	82	2,600	NA	NA	NA	NA
	11/17-18/93	22	<0.5	220	56	3,500	NA	NA	NA	NA
	02/16-17/94	45	<5.0	220	60	3,400	NA	NA	NA	NA
	05/12-13/94	19	29	66	110	1,900	NA	NA	NA	NA
	09/07/94	5.5	<0.5	9.0	3.0	690	NA	NA	NA	NA
	12/02/94	3.7	21[m]	50	8.8	1,900	NA	NA	NA	NA
	03/06/95	<0.5	<0.5	9.4	1.3	460	NA	NA	NA	NA
	05/30/95	<1.0	<1.0	20	2.3	580	NA	NA	NA	<5.0
	09/06/95	<1.0	<1.0	<1.0	<1.0	290	NA	NA	NA	12
	11/30/95	13	0.64	2.7	4.1	990	NA	NA	NA	<5.0
	03/28/96	<0.5	<0.5	11	1.1	460	NA	NA	NA	8.2
	06/25/96	31	13	210	87	3,400	NA	NA	NA	28

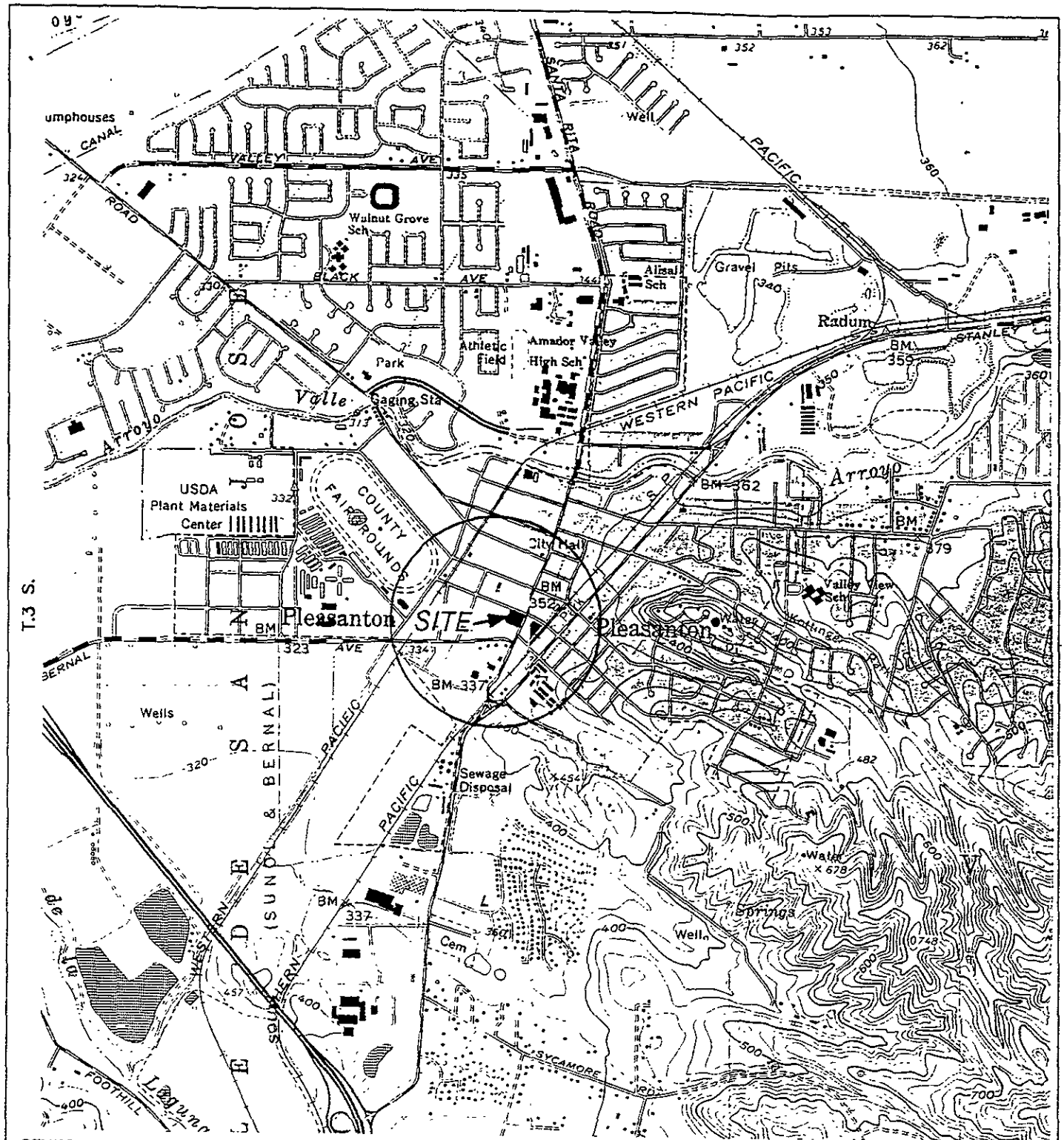
TABLE 2-Continued

GROUND WATER SAMPLE ANALYTICAL RESULTS
Concentrations in micrograms per liter (μg/L)

Exxon Service Station 7-7003
349 Main Street
Pleasanton, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Xylenes	TPH[a] as gasoline	Lead	Total Oil and Grease	VOC[b]	MTBE[n]
VE-3	06/08/93	3.1	3.1	18	15	130	NA	NA	NA	NA
	09/22-23/93	11	7.3	13	32	130	NA	NA	NA	NA
	11/17-18/93	NS	NS	NS	NS	NS	NS	NS	NS	NA
	02/16-17/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	05/12-13/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	09/07/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	12/02/94	NS	NS	NS	NS	NS	NS	NS	NS	NA
	03/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	05/30/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5
	09/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<2.5
	11/30/95	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/28/96	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	<5.0
	06/25/96	1.5	0.62	<0.5	<0.5	67	NA	NA	NA	5.1

[a] Total petroleum hydrocarbons.
[b] Volatile organic compounds.
[c] Not analyzed.
[d] Chloroform.
[e] Not detected.
[f] Methylene Chloride.
[g] 1,2-Dichloroethane.
[h] Trichloroethane.
[i] Tetrachloroethane.
[j] Sample was diluted due to the presence of high levels of hydrocarbons.
[k] Not sampled.
[l] Bromodichloromethane.
[m] The present of this compound confirmed by second column; however, the confirmation concentration differed from the reported result by more than a factor of two.
[n] Methyl tertiary butyl ether.
[o] Elevated detection limit quantified by multiplying laboratory reporting limits by report limit multiplication factor.



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

QUADRANGLE LOCATION

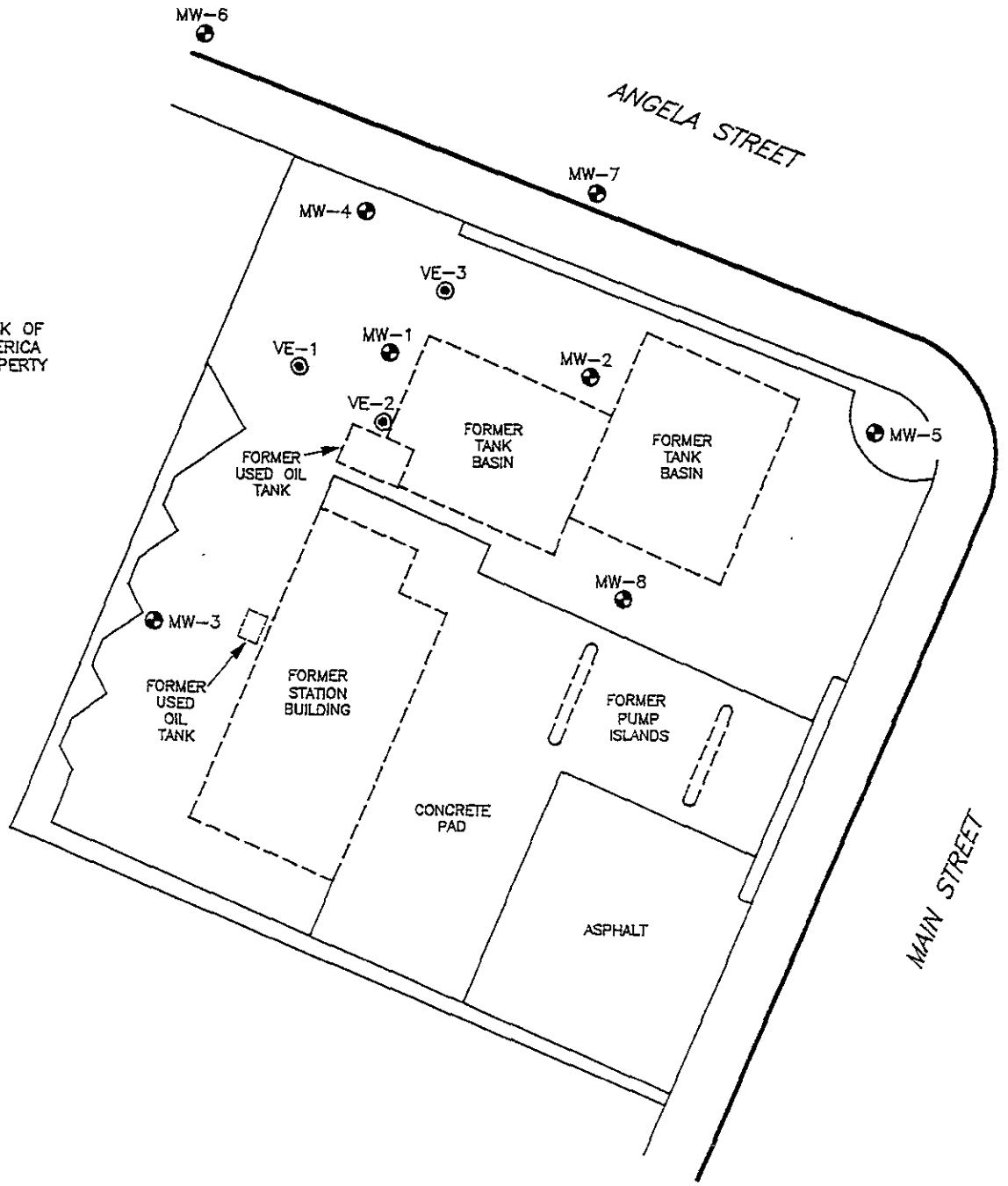
0 2000 FT

SCALE 1 : 24,000

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

PROJECT NO. 0094-838	DRAWN BY I.H. 8/24/94
FILE NO. —	PREPARED BY REC
REVISION NO. 1	REVIEWED BY JB 10/14/94

Delta Environmental Consultants, Inc.



North

LEGEND:

- VE-1 VAPOR EXTRACTION WELL LOCATION
- MW-1 MONITORING WELL LOCATION

0 30 FT

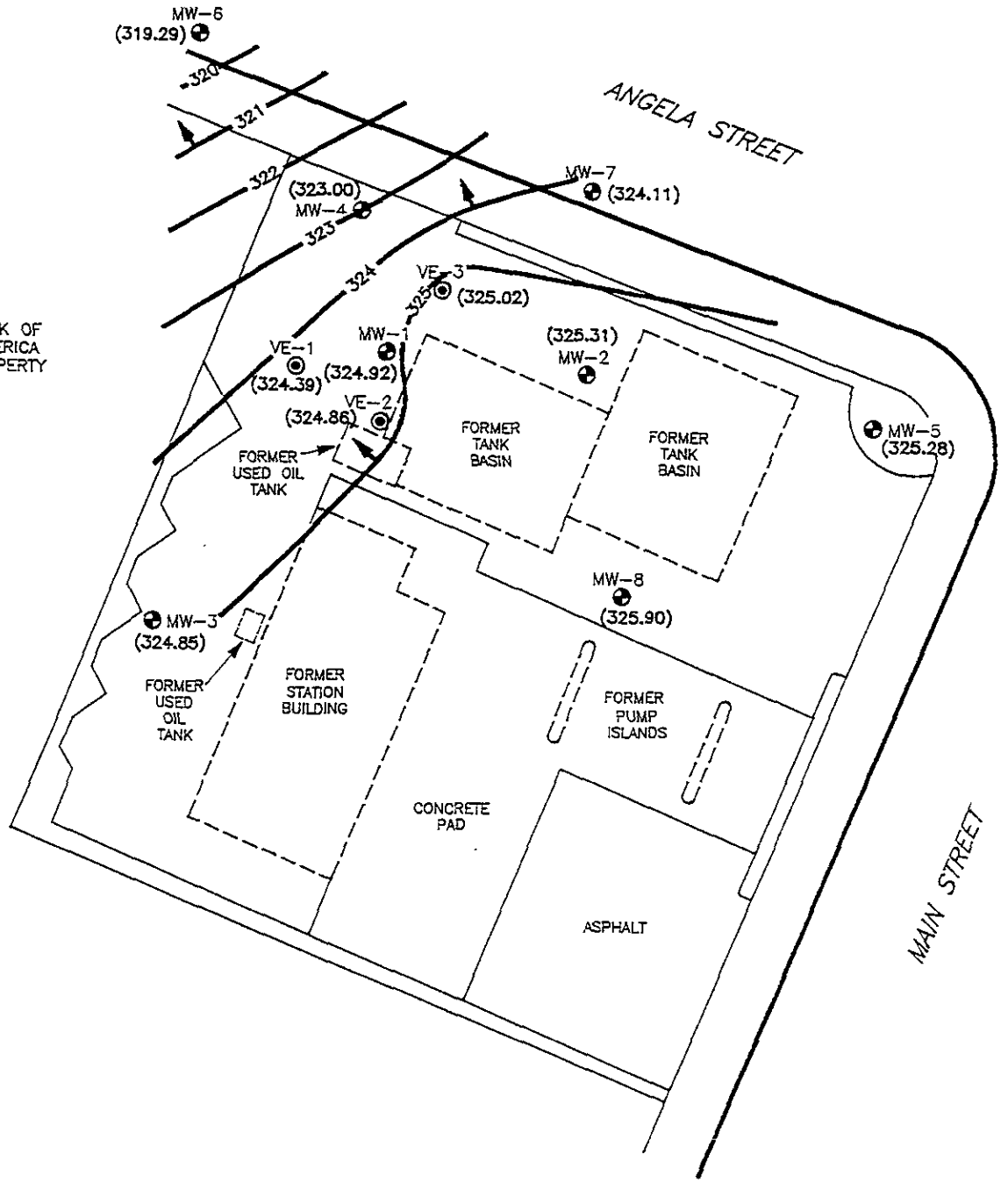
SCALE

FIGURE 2
SITE MAP

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

PROJECT NO. D094-838	DRAWN BY I.H. 7/24/96
FILE NO. 94-838-1	PREPARED BY CKA
REVISION NO. 3	REVIEWED BY

Delta Environmental Consultants, Inc.



North

LEGEND:

VE-1	VAPOR EXTRACTION WELL LOCATION
MW-1	MONITORING WELL LOCATION
(324.92)	GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
322	INFERRED WATER TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL
	GROUND WATER FLOW DIRECTION

0 30 FT

SCALE

FIGURE 3

WATER TABLE CONTOUR MAP – 6/25/96

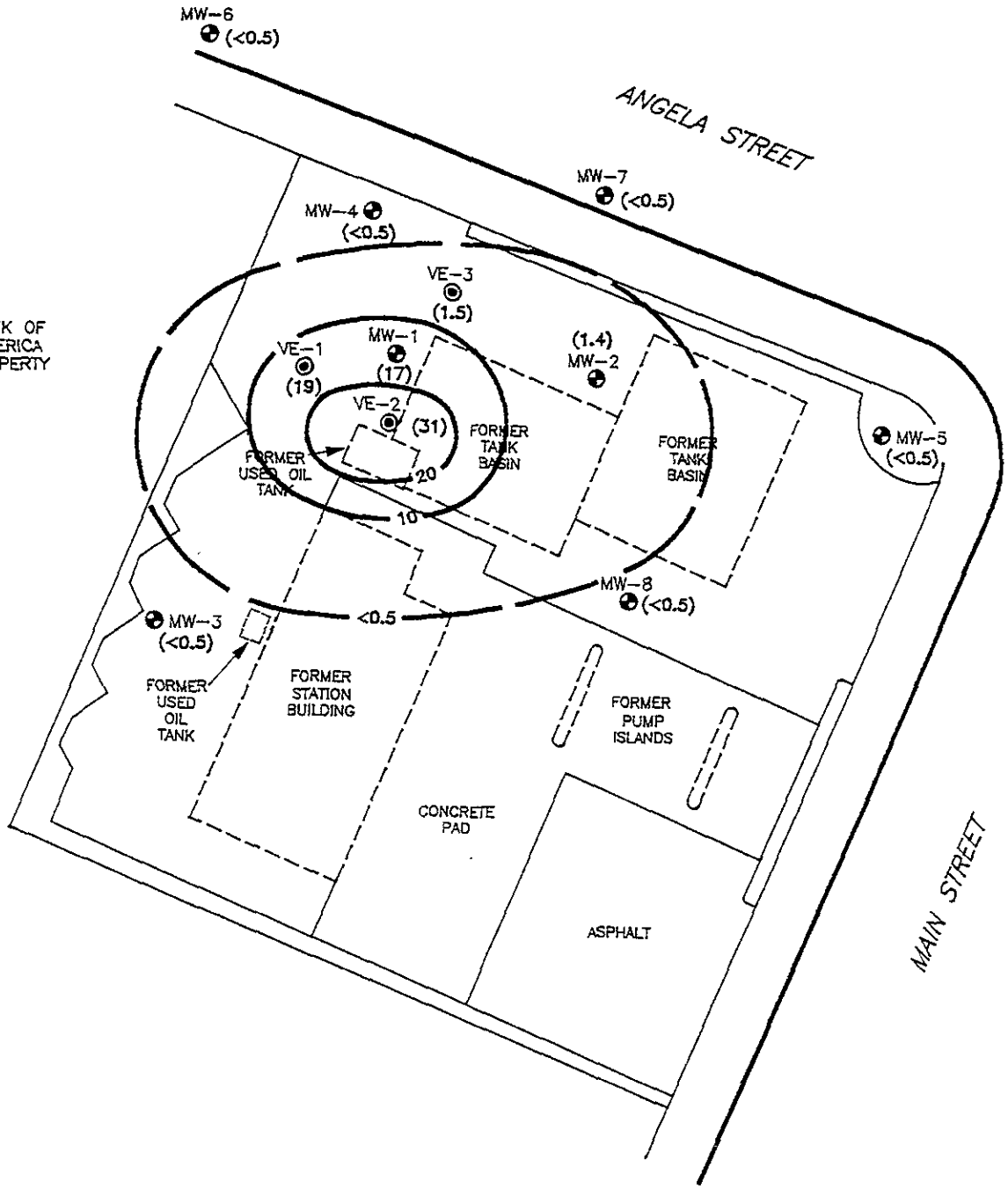
EXXON STATION NO. 7-7003

349 MAIN STREET

PLEASANTON, CA.

PROJECT NO. 0094-838	DRAWN BY I.H. 7/24/96
FILE NO. 94-838-1	PREPARED BY JWS
REVISION NO. 1	REVIEWED BY

Delta Environmental Consultants, Inc.



North

LEGEND:

- VE-1 — VAPOR EXTRACTION WELL LOCATION
- MW-1 — MONITORING WELL LOCATION
- (17) — CONCENTRATION OF DISSOLVED BENZENE IN GROUND WATER IN MICROGRAMS PER LITER
- —10— DISSOLVED BENZENE ISOCONCENTRATION CONTOUR IN MICROGRAMS PER LITER

0 30 FT

SCALE

FIGURE 4
DISSOLVED BENZENE ISOCONCENTRATION MAP
6/25/96
EXXON STATION NO. 7-7003
349 MAIN STREET
PLEASANTON, CA.

PROJECT NO. 0094-838	DRAWN BY L.H. 7/24/96
FILE NO. 94-838-1	PREPARED BY JWS
REVISION NO. 1	REVIEWED BY

Delta Environmental Consultants, Inc.

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, disposal 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 disposal 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 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670
Attention: C. Keoni Almeida

Client Project ID: Exxon #7-7003, Pleasanton, CA
Sample Matrix: Water
Analysis Method: EPA 5030/8015/8020
First Sample #: 606-1126

Sampled: Jun 25, 1996
Received: Jun 26, 1996
Reported: Jul 3, 1996

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 606-1126 MW-7	Sample I.D. 606-1127 MW-6	Sample I.D. 606-1128 MW-4	Sample I.D. 606-1129 MW-1	Sample I.D. 606-1130 MW-2	Sample I.D. 606-1131 VE-1
Purgeable Hydrocarbons	50	N.D.	N.D.	N.D.	1,600	68	3,800
Benzene	0.50	N.D.	N.D.	N.D.	17	1.4	19
Toluene	0.50	N.D.	N.D.	N.D.	12	N.D.	N.D.
Ethyl Benzene	0.50	N.D.	N.D.	N.D.	110	N.D.	140
Total Xylenes	0.50	N.D.	N.D.	N.D.	72	N.D.	42
Chromatogram Pattern:		--	--	--	Weathered Gasoline C6-C12	Weathered Gasoline C6-C8	Weathered Gasoline C6-C12

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	10	1.0	10
Date Analyzed:	06/27/96	06/27/96	06/28/96	06/28/96	06/27/96	06/28/96
Instrument Identification:	GCHP-2	GCHP-2	GCHP-7	GCHP-7	GCHP-2	GCHP-7
Surrogate Recovery, %: (QC Limits = 70-130%)	101	92	89	98	105	98

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected at or above the reporting limit.

SEQUOIA ANALYTICAL, ELAP #1624

Linda C. Schneider
Project Manager/Sacramento Laboratory

6061126.DLT <1>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670
Attention: C. Keoni Almeida

Client Project ID: Exxon #7-7003, Pleasanton, CA
Sample Matrix: Water
Analysis Method: EPA 5030/8015/8020
First Sample #: 606-1132

Sampled: Jun 25, 1996
Received: Jun 26, 1996
Reported: Jul 3, 1996

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 606-1132 VE-2	Sample I.D. 606-1133 MW-3	Sample I.D. 606-1134 VE-3	Sample I.D. 606-1135 MW-5	Sample I.D. 606-1136 MW-8
Purgeable Hydrocarbons	50	3,400	N.D.	67	N.D.	79
Benzene	0.50	31	N.D.	1.5	N.D.	N.D.
Toluene	0.50	13	N.D.	0.62	N.D.	N.D.
Ethyl Benzene	0.50	210	N.D.	N.D.	N.D.	N.D.
Total Xylenes	0.50	87	N.D.	N.D.	N.D.	N.D.
Chromatogram Pattern:		Weathered Gasoline C6-C12	--	Weathered Gasoline C6-C8	--	Weathered Gasoline C10-C12

Quality Control Data

Report Limit Multiplication Factor:	10	1.0	1.0	1.0	1.0
Date Analyzed:	06/28/96	06/27/96	06/27/96	06/28/96	06/28/96
Instrument Identification:	GCHP-7	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	112	100	115	92	96

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected at or above the reporting limit.

SEQUOIA ANALYTICAL, ELAP #1624

Linda C. Schneider
Project Manager/Sacramento Laboratory

6061126.DLT <2>

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Delta Environmental Consultants	Client Project ID:	Exxon #7-7003, Pleasanton, CA	Sampled: Jun 25, 1996
3164 Gold Camp Dr., Suite 200	Sample Matrix:	Water	Received: Jun 26, 1996
Rancho Cordova, CA 95670	Analysis Method:	EPA 5030/8020 Modified	Reported: Jul 3, 1996
Attention: C. Keoni Almeida	First Sample #:	606-1126	

Methyl Tertiary Butyl Ether (MTBE)

Analyte	Reporting Limit µg/L	Sample I.D. 606-1126 MW-7	Sample I.D. 606-1127 MW-6	Sample I.D. 606-1128 MW-4	Sample I.D. 606-1129 MW-1	Sample I.D. 606-1130 MW-2	Sample I.D. 606-1131 VE-1
MTBE	5.0	N.D.	N.D.	N.D.	11	N.D.	8.0

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	1.0	1.0
Date Analyzed:	06/27/96	06/27/96	07/02/96	06/27/96	06/27/96	06/27/96
Instrument Identification:	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Surrogate Recovery: (QC Limits = 70-130%)	101	92	78	95	105	*

Analytes reported as N.D. were not detected at or above the reporting limit.
* Matrix Interference

SEQUOIA ANALYTICAL, ELAP #1624

Linda C. Schneider
Project Manager/Sacramento Laboratory

6061126.DLT <3>

Sequoia Analytical

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Delta Environmental Consultants	Client Project ID:	Exxon #7-7003, Pleasanton, CA	Sampled: Jun 25, 1996
3164 Gold Camp Dr., Suite 200	Sample Matrix:	Water	Received: Jun 26, 1996
Rancho Cordova, CA 95670	Analysis Method:	EPA 5030/8020 Modified	Reported: Jul 3, 1996
Attention: C. Keoni Almeida	First Sample #:	606-1132	

Methyl Tertiary Butyl Ether (MTBE)

Analyte	Reporting Limit µg/L	Sample I.D. 606-1132 VE-2	Sample I.D. 606-1133 MW-3	Sample I.D. 606-1134 VE-3	Sample I.D. 606-1135 MW-5	Sample I.D. 606-1136 MW-8
MTBE	5.0	28	N.D.	5.1	N.D.	N.D.

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	1.0
Date Analyzed:	06/27/96	06/27/96	06/27/96	06/28/96	06/28/96
Instrument Identification:	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Surrogate Recovery: (QC Limits = 70-130%)	*	100	115	92	96

Analytes reported as N.D. were not detected at or above the reporting limit.
* Matrix Interference

SEQUOIA ANALYTICAL, ELAP #1624

Linda C. Schneider
Project Manager/Sacramento Laboratory

6061126.DLT <4>

Sequoia Analytical

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Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670
Attention: C. Keoni Almeida

Client Project ID: Exxon #7-7003, Pleasanton, CA
Matrix: Water
QC Sample Group 6061126-36

Reported: Jul 3, 1996

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	V. Owens	V. Owens	V. Owens	V. Owens
Concentration Spiked:	10 ug/L	10 ug/L	10 ug/L	30 ug/L
LCS Batch#:	LCS062796	LCS062796	LCS062796	LCS062796
Date Prepared:	06/27/96	06/27/96	06/27/96	06/27/96
Date Analyzed:	06/27/96	06/27/96	06/27/96	06/27/96
Instrument I.D.#:	GCHP-2	GCHP-2	GCHP-2	GCHP-2
LCS % Recovery:	99	106	108	104
Control Limits:	75-125	75-125	75-125	75-125
MS/MSD Batch #:	6061127	6061127	6061127	6061127
Date Prepared:	06/27/96	06/27/96	06/27/96	06/27/96
Date Analyzed:	06/27/96	06/27/96	06/27/96	06/27/96
Instrument I.D.#:	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Matrix Spike % Recovery:	97	102	105	103
Matrix Spike Duplicate % Recovery:	99	103	108	109
Relative % Difference:	2.0	0.98	2.8	5.7

SEQUOIA ANALYTICAL

Linda C. Schneider
Project Manager/Sacramento Laboratory

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation and analytical methods employed for the samples. The LCS % recovery data is used for validation of sample batch results. Due to matrix effects, the QC limits for MS/MSD's are advisory only and are not used to accept or reject batch results.

6061126.DLT <5>

Sequoia Analytical

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Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670
Attention: C. Keoni Almeida

Client Project ID: Exxon #7-7003, Pleasanton, CA
Matrix: Water
QC Sample Group 6061126-36

Reported: Jul 3, 1996

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	V. Owens	V. Owens	V. Owens	V. Owens
Concentration Spiked:	10 ug/L	10 ug/L	10 ug/L	30 ug/L
LCS Batch#:	LCS062896	LCS062896	LCS062896	LCS062896
Date Prepared:	06/28/96	06/28/96	06/28/96	06/28/96
Date Analyzed:	06/28/96	06/28/96	06/28/96	06/28/96
Instrument I.D.#:	GCHP-2	GCHP-2	GCHP-2	GCHP-2
LCS % Recovery:	94	92	102	99
Control Limits:	75-125	75-125	75-125	75-125
MS/MSD Batch #:	6061135	6061135	6061135	6061135
Date Prepared:	06/28/96	06/28/96	06/28/96	06/28/96
Date Analyzed:	06/28/96	06/28/96	06/28/96	06/28/96
Instrument I.D.#:	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Matrix Spike % Recovery:	90	93	97	93
Matrix Spike Duplicate % Recovery:	92	97	101	102
Relative % Difference:	2.2	4.2	4.0	9.2

SEQUOIA ANALYTICAL

Linda C. Schneider
Project Manager/Sacramento Laboratory

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Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670
Attention: C. Keoni Almeida

Client Project ID: Exxon #7-7003, Pleasanton, CA
Matrix: Water
QC Sample Group 6061126-36

Reported: Jul 3, 1996

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	V. Owens	V. Owens	V. Owens	V. Owens
Concentration Spiked:	10 ug/L	10 ug/L	10 ug/L	30 ug/L
LCS Batch#:	LCS062896	LCS062896	LCS062896	LCS062896
Date Prepared:	06/28/96	06/28/96	06/28/96	06/28/96
Date Analyzed:	06/28/96	06/28/96	06/28/96	06/28/96
Instrument I.D.#:	GCHP-7	GCHP-7	GCHP-7	GCHP-7
LCS % Recovery:	95	102	105	106
Control Limits:	75-125	75-125	75-125	75-125
MS/MSD Batch #:	6061128	6061128	6061128	6061128
Date Prepared:	06/28/96	06/28/96	06/28/96	06/28/96
Date Analyzed:	06/28/96	06/28/96	06/28/96	06/28/96
Instrument I.D.#:	GCHP-7	GCHP-7	GCHP-7	GCHP-7
Matrix Spike % Recovery:	86	93	97	98
Matrix Spike Duplicate % Recovery:	92	100	104	105
Relative % Difference:	6.7	7.2	7.0	6.9

SEQUOIA ANALYTICAL

Linda C. Schneider
Project Manager/Sacramento Laboratory

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Attention: C. Keoni Almeida

Client Project ID: Exxon #7-7003, Pleasanton, CA
Matrix: Water
QC Sample Group 6061126-36

Reported: Jul 3, 1996

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	V. Owens	V. Owens	V. Owens	V. Owens
Concentration Spiked:	10 ug/L	10 ug/L	10 ug/L	30 ug/L
LCS Batch#:	LCS070296	LCS070296	LCS070296	LCS070296
Date Prepared:	07/02/96	07/02/96	07/02/96	07/02/96
Date Analyzed:	07/02/96	07/02/96	07/02/96	07/02/96
Instrument I.D.#:	GCHP-2	GCHP-2	GCHP-2	GCHP-2
LCS % Recovery:	86	92	96	97
Control Limits:	75-125	75-125	75-125	75-125
MS/MSD Batch #:	6060017	6060017	6060017	6060017
Date Prepared:	07/02/96	07/02/96	07/02/96	07/02/96
Date Analyzed:	07/02/96	07/02/96	07/02/96	07/02/96
Instrument I.D.#:	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Matrix Spike % Recovery:	93	92	92	88
Matrix Spike Duplicate % Recovery:	97	98	98	98
Relative % Difference:	5.3	6.3	6.3	11

SEQUOIA ANALYTICAL

Linda C. Schneider
Project Manager/Sacramento Laboratory

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The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation and analytical methods employed for the samples. The LCS % recovery data is used for validation of sample batch results. Due to matrix effects, the QC limits for MS/MSD's are advisory only and are not used to accept or reject batch results.

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: Delta Environmental Consultants

Address: 3164 Gold Camp Rancho

Project #:

Consultant Project #: D091-838

Site Location: Pleasanton

Consultant Work Release #: 893252 9

Project Contact: Keoni Almeida

Phone #: 638-2085

Laboratory Work Release #:

EXXON Contact: Marla Guensler

Phone #:

EXXON RAS #: 7-7003

Sampled by (print): Jay Staggs

Sampler's Signature: [signature]

Shipment Method: Sequoia

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 #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	Nitrate		Temperature: ____ Inbound Seal: Yes No Outbound Seal: Yes No
MW-7	6-25-96	1005	H2O	HCl	3	9606-1126	X			X		
MW-6	↓	1025	↓	↓	↓	1127	↓			↓		
MW-4		1045				1128						
MW-1		1115				1129						
MW-2		1120				1130						
VE-1		1145				1131						
VE-2		1155				1132						
MW 3		1200				1133						
VE-3		1215				1134						

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
[signature] / Delta	6/26/96	1315	John Youell / SEQUOIA	6/26/96	1315	
John Youell / SEQUOIA	6/26/96	1730				
			Sandi Hansen / Sequoia	6/26/96	1730	

Pink - Client
Yellow - Sequoia
White - Sequoia

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CHAIN OF CUSTODY

Consultant's Name: Delta Environmental Consultants			**Page** 2 of 2
Address: 3164 Gold Camp. Rancho.			**Site Location:** Pleasanton
Project #:	**Consultant Project #:** 2094-838		**Consultant Work Release #:** 1X132529
Project Contact: Leon Almeida	**Phone #:** 638-2081		**Laboratory Work Release #:**
EXXON Contact: Marla Coverstone	**Phone #:**		**EXXON RAS #:** 7-7005
Sampled by (print): Jim Stagos	**Sampler's Signature:**		
Shipment Method: Sequoia	**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: TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	MTBE		Temperature: ____ Inbound Seal: Yes No Outbound Seal: Yes No
MW-5	6-25-96	1240	H2O	HCl	3	9606135	X			X		
MW-8	↓	1255	↓	↓	↓	1136	↓			↓		

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
[signature] TR-HA	6/26/96	1315	John Youell/SEQUOIA	6/26/96	1315	
John Youell/Sequoia	6/26/96	1730	Steve Horton/Sequoia	6/26/96	1730	

Pink - Client
Yellow - Sequoia
White - Sequoia