Delta
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March 21, 1995

Ms. Marla Guensler
Exxon Company, U.S.A.
Post Office Box 4032
Concord, California 94524-2032

Subject: *Quarterly Ground Water Monitoring Report, First Quarter 1995*
Exxon Retail 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 Retail 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 March 6, 1995. 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-2 through MW-8 and vapor extraction wells VE-1 through VE-3 on March 6, 1995. Depth to ground water in the monitoring wells ranged from 16.98 to 24.70 feet below the tops 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 March 6, 1995, 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 March 1995 site visit.

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 March 6, 1995. The samples were submitted to Sequoia Analytical (a California-certified laboratory) for analysis of benzene, toluene, ethylbenzene, total xylenes, and total petroleum hydrocarbons (TPH) as gasoline. In addition, the ground water samples collected from monitoring wells MW-1 and MW-4 were analyzed for volatile organic compounds (VOCs). Cumulative analytical test results are summarized in Table 2, and a copy of the laboratory analytical report for the March 1995 sampling event is presented in Enclosure B.

Analytical test results indicate that ground water samples collected from monitoring wells MW-3 through MW-8, and vapor extraction well VE-3 did not contain detectable concentrations of petroleum hydrocarbons. Benzene was present in the ground water sample collected from ground water monitoring well MW-1 at a concentration of 9.8 micrograms per liter (µg/L). Ground water samples collected from wells MW-1, MW-2, VE-1, and VE-2 contained TPH as gasoline in concentrations ranging from 52 µg/L (VE-1) to 1,500 µg/L (MW-1). VOCs were not present in detectable concentrations in the ground water samples collected from monitoring wells MW-1 and MW-4. A dissolved benzene concentration map is presented in Figure 4.

Future Work

The next quarterly monitoring event for this site is scheduled for May 1995.

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 Rich Chandler at (916) 638-2085.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.

William L. Brattain
Staff Engineer

Richard E. Chandler, R.G.
Project Manager
California Registered Geologist No. 6074

REC (LRP470.SJS)
Enclosures

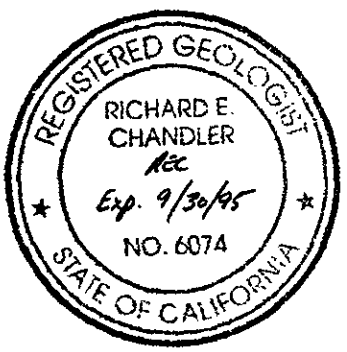


TABLE 1

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
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

TABLE 1-Continued

GROUND WATER LEVEL MEASUREMENTS

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

Monitoring Well	Date	Reference* 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
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

TABLE 1-Continued

GROUND WATER LEVEL MEASUREMENTS

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

Monitoring Well	Date	Reference* 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
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

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
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
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

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-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
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

[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]
MW-1	02/23/90	21	9.2	59	19	3,300	100	NA[c]	NA
	06/15/90	7.9	5.9	32	58	1,300	<50	NA	NA
	08/90	77	280	50	250	2,500	<50	NA	NA
	12/18/90	9.0	2.0	43	400	390	<100	NA	NA
	03/19/91	45	12	240	300	4,500	<100	NA	12.0[d]
	06/27/91	5.4	2.6	29	34	710	<100	NA	ND[e]
	09/26/91	1.9	<0.5	0.6	0.6	290	<100	NA	ND
	01/10/92	52	15	690	496	5,400	<100	NA	6.1[d]
	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]
	06/09/92	27	5.9	400	300	4,500	<100	<5,000	ND
	09/28-29/92	<0.5	0.9	<0.5	<0.5	60	NA	<5,000	ND
	12/12/92	53	18	1,100	570	1,400	NA	<5,000	49[d]
	02/02-03/93	61	27	900	840	10,000	NA	<5,000	2.2[f] 19[d] 1.1[h] 2.4[i]
	06/08-09/93	42	32	970	720	7,500	NA	<5,000	1.8[d] 1.0[g] 0.8[i]
	09/22-23/93	36	34	820	540	6,600	NA	<5,000	0.6[i]
	11/17-18/93	24	10	470	300	5,900	NA	NA	ND
	02/16-17/94	42	15	470	330	6,700	NA	NA	ND[j]
	05/12-13/94	26	9.4	400	210	4,000	NA	<5,000	ND[j]
	09/07/94	3.5	2.0	17	18	170	NA	NA	ND
	12/02/94	NS[k]	NS	NS	NS	NS	NS	NS	NS
	03/06/95	9.8	5.2	130	80	1,500	NA	NA	ND

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]
MW-2	02/23/90	3.0	2.0	0.98	6.5	650	8.0	NA	NA
	06/15/90	<0.5	2.6	<0.5	<0.5	670	<50	NA	NA
	08/90	24	130	37	170	1,300	<50	NA	NA
	12/18/90	<0.3	0.5	1.0	3.0	470	<100	NA	NA
	03/19/91	10	3.4	6.1	3.8	700	<100	NA	ND
	06/27/91	8.7	2.1	8.8	33	1,400	<100	NA	ND
	09/26/91	<0.5	0.6	0.6	3.9	300	<100	NA	ND
	01/10/92	9.3	1.0	2.4	3.2	800	<100	NA	ND
	03/12-13/92	<0.5	0.6	0.63	1.0	350	NA	NA	ND
	06/09/92	1.9	2.5	2.51	5.1	150	<100	NA	ND
	09/28-29/92	<0.5	<0.5	<0.5	<0.5	71	NA	NA	ND
	12/12/92	NS	NS	NS	NS	NS	NS	NS	NS
	02/02-03/93	3.9	8.2	21	20	720	NA	NA	NA
	06/08-09/93	0.5	3.3	5.7	2.0	160	NA	NA	NA
	09/22-23/93	0.7	5.6	4.0	2.6	240	NA	NA	NA
	11/17-18/93	1.2	2.3	3.2	1.3	490	NA	NA	NA
	02/16-17/94	<0.5	2.3	1.0	2.0	280	NA	NA	NA
	05/12-13/94	<0.5	0.7	0.6	3.8	100	NA	NA	NA
	09/07/94	<0.5	<0.5	3.8	2.9	410	NA	NA	NA
	12/02/94	<0.5	<0.5	<0.5	<0.5	55	NA	NA	NA
	03/06/95	<0.5	<0.5	<0.5	<0.5	190	NA	NA	NA

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]
MW-3	02/23/90	<0.5	<0.5	<0.5	<0.5	<20	100	NA	NA
	06/15/90	<0.5	<0.5	<0.5	<0.5	200	<50	NA	NA
	08/90	54	380	23	400	3,200	<50	NA	NA
	12/18/90	8.0	12	6.0	24	200	<100	<5,000	4.1[1]
	03/19/91	<0.5	<0.5	<0.5	<0.5	<50	<100	<5,000	ND
	06/27/91	<0.5	<0.5	<0.5	<0.5	<50	<100	<5,000	ND
	09/26/91	<0.5	<0.5	<0.5	<0.5	<50	<100	<5,000	ND
	01/10/92	<0.5	<0.5	<0.5	<0.5	<50	<100	5,100	ND
	03/12-13/92	<0.5	<0.5	<0.5	<0.5	<50	NA	5,000	ND
	06/09/92	<0.5	<0.5	<0.5	<0.5	<50	<100	<5,000	ND
	09/28-29/92	<0.5	<0.5	<0.5	<0.5	<50	NA	<5,000	ND
	12/12/92	<0.5	<0.5	<0.5	1.3	<50	NA	<5,000	NA
	02/02-03/93	<0.5	<0.5	<0.5	<0.5	<50	NA	<5,000	NA
	06/08-09/93	0.6	0.9	3.4	2.8	<50	NA	<5,000	NA
	09/22/93	<0.5	1.0	1.6	4.4	<50	NA	NA	NA
	11/17-18/93	<0.5	<0.5	<0.5	1.5	<50	NA	NA	NA
	02/16-17/94	1.5	5.3	1.6	9.2	<50	NA	NA	NA
	05/12-13/94	<0.5	0.8	<0.5	2.8	<50	NA	NA	NA
	09/07/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA
	12/02/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA
	03/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA

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]
MW-4	06/15/90	<0.5	<0.5	<0.5	<0.5	<20	<50	NA	NA
	08/90	5.2	5.4	5.4	9.9	120	<50	NA	NA
	12/18/90	7.0	1.0	<0.3	2.0	50	<100	NA	NA
	03/19/91	1.8	0.8	2.2	11	160	<100	NA	ND
	06/27/91	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND
	09/26/91	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	1.0[g]
	01/10/92	0.9	<0.5	7.6	4.4	98	<100	NA	1.0[g]
	03/12-13/92	1.2	<0.5	5.3	4.3	82	NA	NA	ND
	06/09/92	0.6	1.0	<0.5	2.5	<50	<100	NA	0.7[g]
	09/28-29/92	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND
	12/12/92	1.0	0.9	7.0	11	99	NA	NA	ND
	02/02-03/93	2.3	2.2	6.2	8.4	170	NA	NA	ND
	06/08-09/93	0.7	0.9	0.7	<0.5	<50	NA	NA	0.6[g]
	09/22-23/93	0.8	2.0	3.1	5.3	59	NA	NA	ND
	11/17-18/93	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND
	02/16-17/94	8.7	17	4.2	24	98	NA	NA	0.5[g]
	05/12-13/94	0.8	0.9	0.7	6.1	<50	NA	NA	ND
	09/07/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND
	12/02/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND
	03/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND

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]
MW-5	06/15/90	<0.5	<0.5	<0.5	<0.5	<20	60	NA	NA
	08/90	9.7	12	7.6	17	120	<50	NA	NA
	12/18/90	2.0	3.5	2.0	8.0	50	<100	NA	NA
	03/19/91	<0.5	<0.5	<0.5	<0.5	160	<100	NA	0.5[d]
	06/27/91	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND
	09/26/91	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND
	01/10/92	<0.5	<0.5	<0.5	0.6	98	<100	NA	ND
	03/12-13/92	<0.5	<0.5	<0.5	<0.5	82	NA	NA	ND
	06/09/92	NS	NS	NS	NS	NS	NS	NS	NS
	09/28-29/92	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND
	12/12/92	0.9	11	0.5	3.1	210	NA	NA	NA
	02/02-03/93	<0.5	2.7	<0.5	0.9	70	NA	NA	NA
	06/08-09/93	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA
	09/22-23/93	1.0	<0.5	1.1	2.1	<50	NA	NA	NA
	11/17-18/93	<0.5	<0.5	<0.5	0.9	<50	NA	NA	NA
	02/16-17/94	1.2	4.3	1.4	8.2	<50	NA	NA	NA
	05/12-13/94	1.7	2.3	1.5	9.1	<50	NA	NA	NA
	09/07/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA
	12/02/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA
	03/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA

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]
MW-6	03/19/91	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND
	06/27/91	2.6	1.8	0.8	<0.30	<50	<100	NA	ND
	09/26/91	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND
	01/10/92	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND
	03/12-13/92	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND
	06/09/92	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND
	09/28-29/92	<0.5	<0.5	0.9	0.9	<50	NA	NA	ND
	12/12/92	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA
	02/02/93	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA
	06/08/93	0.6	0.7	1.7	1.8	<50	NA	NA	NA
	09/22/93	<0.5	<0.5	0.7	1.1	<50	NA	NA	NA
	11/17-18/93	0.6	0.8	1.2	3.9	<50	NA	NA	NA
	02/16-17/94	3.8	7.9	2.0	11	51	NA	NA	NA
	05/12-13/94	0.6	1.0	<0.5	2.7	<50	NA	NA	NA
	09/07/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA
	12/02/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA
	03/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA

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]
MW-7	03/19/91	<0.5	<0.5	<0.5	<0.5	140	<100	NA	0.7[d] 0.8[l]
	06/27/91	5.2	5.6	3.9	16	100	<100	NA	ND
	09/26/91								
	01/10/92	<0.5	<0.5	<0.5	<0.5	<50	<100	NA	ND
	03/12-13/92	<0.5	<0.5	<0.5	<0.5	120		NA	ND
	06/09/92	<0.5	<0.5	<0.5	<0.5	81	<100	NA	ND
	09/28-29/92	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	ND
	12/12/92	5.1	6.9	3.3	19	200	NA	NA	NA
	02/02-03/93	<0.5	6.6	0.6	1.7	170	NA	NA	NA
	06/08-09/93	<0.5	0.8	<0.5	<0.5	<50	NA	NA	NA
	09/22-23/93	0.6	0.9	0.7	1.1	<50	NA	NA	NA
	11/17-18/93	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA
	02/16-17/94	0.9	2.7	<0.5	3.2	<50	NA	NA	NA
	05/12-13/94	<0.5	1.1	<0.5	1.6	<50	NA	NA	NA
	09/07/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA
	12/02/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA
	03/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA
MW-8	06/08-09/93	<0.5	1.1	0.8	1.7	65	NA	NA	NA
	09/22-23/93	4.1	8.9	6.7	14	110	NA	NA	NA
	11/17-18/93	<0.5	0.9	<0.5	<0.5	78	NA	NA	NA
	02/16-17/94	<0.5	1.8	<0.5	<0.5	<50	NA	NA	NA
	05/12-13/94	<0.5	1.0	<0.5	<0.5	<50	NA	NA	NA
	09/07/94	<0.5	<0.5	<0.5	<0.5	67	NA	NA	NA
	12/02/94	<0.5	<0.5	<0.5	<0.5	110	NA	NA	NA
	03/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA

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]
VE-1	09/28/92	NS	NS	NS	NS	NS	NS	NS	NS
	06/08/93	<5.0	15	830	500	5,800	NA	NA	NA
	09/22-23/93	5.4	21	380	240	3,700	NA	NA	NA
	11/17-18/93	5.8	2.0	220	180	3,600	NA	NA	NA
	02/16-17/94	31	4.0	500	300	7,600	NA	NA	NA
	05/12-13/94	0.7	<0.5	56	33	970	NA	NA	NA
	09/07/94	7.3	46	620	150	8,100	NA	NA	NA
	12/02/94	3.4	37	450	210	8,300	NA	NA	NA
	03/06/95	<0.5	<0.5	<0.5	<0.5	52	NA	NA	NA
VE-2	06/08/93	10	18	900	340	7,000	NA	NA	NA
	09/22-23/93	15	33	240	82	2,600	NA	NA	NA
	11/17-18/93	22	<0.5	220	56	3,500	NA	NA	NA
	02/16-17/94	45	<5.0	220	60	3,400	NA	NA	NA
	05/12-13/94	19	29	66	110	1,900	NA	NA	NA
	09/07/94	5.5	<0.5	9.0	3.0	690	NA	NA	NA
	12/02/94	3.7	21[m]	50	8.8	1,900	NA	NA	NA
	03/06/95	<0.5	<0.5	9.4	1.3	460	NA	NA	NA

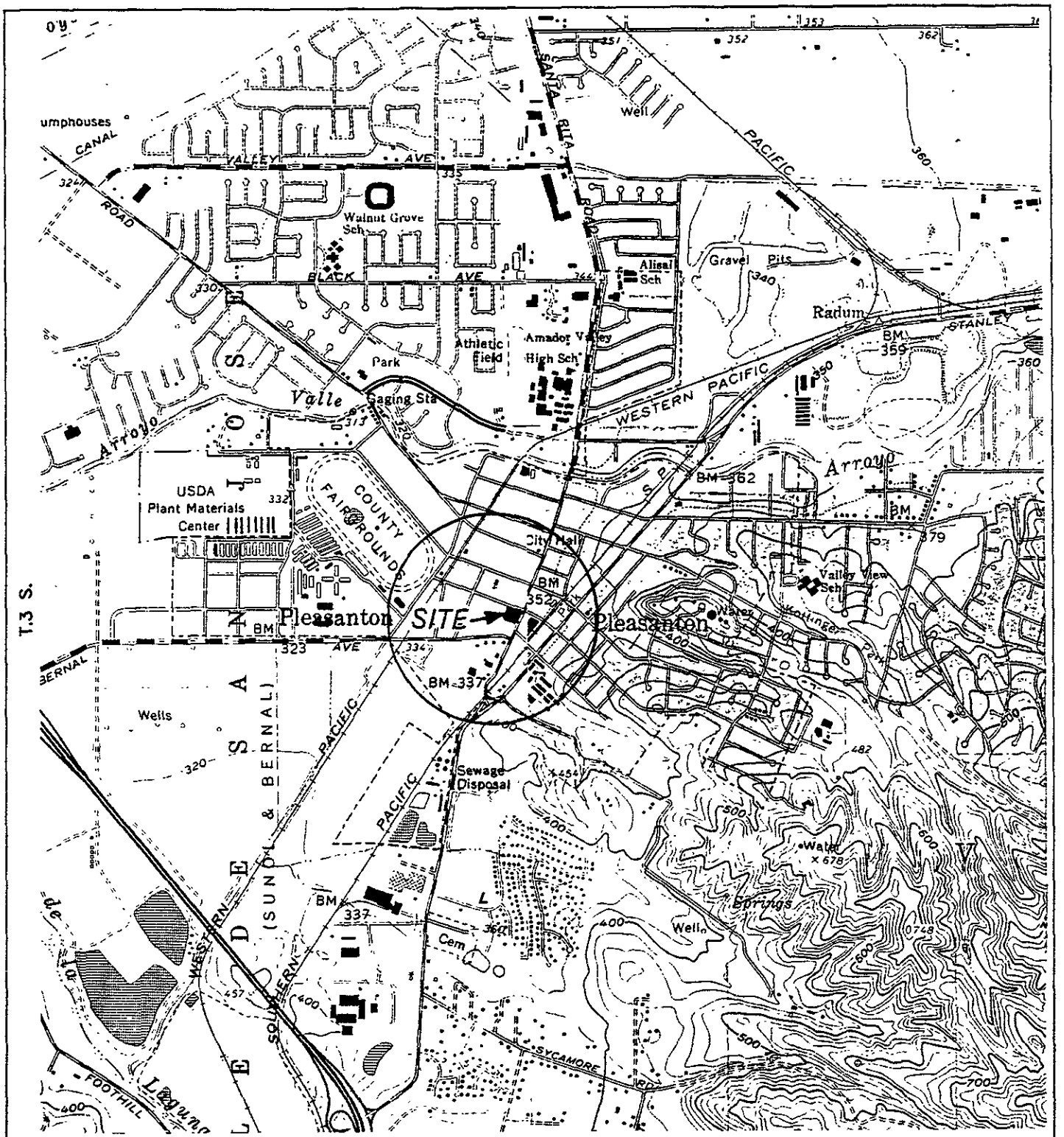
TABLE 2-Continued

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]
VE-3	06/08/93	3.1	3.1	18	15	130	NA	NA	NA
	09/22-23/93	11	7.3	13	32	130	NA	NA	NA
	11/17-18/93	NS	NS	NS	NS	NS	NS	NS	NS
	02/16-17/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA
	05/12-13/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA
	09/07/94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA
	12/02/94	NS	NS	NS	NS	NS	NS	NS	NS
	03/06/95	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA

[a] Total petroleum hydrocarbons.
[b] Volatile organic compounds.
[c] Not analyzed.
[d] Chloroform.
[e] Not detected.
[f] Methylene Chloride.
[g] 1,2-Dichloroethane.
[h] Trichloroethene.
[i] Tetrachloroethene.
[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.



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

CALIF

QUADRANGLE LOCATION

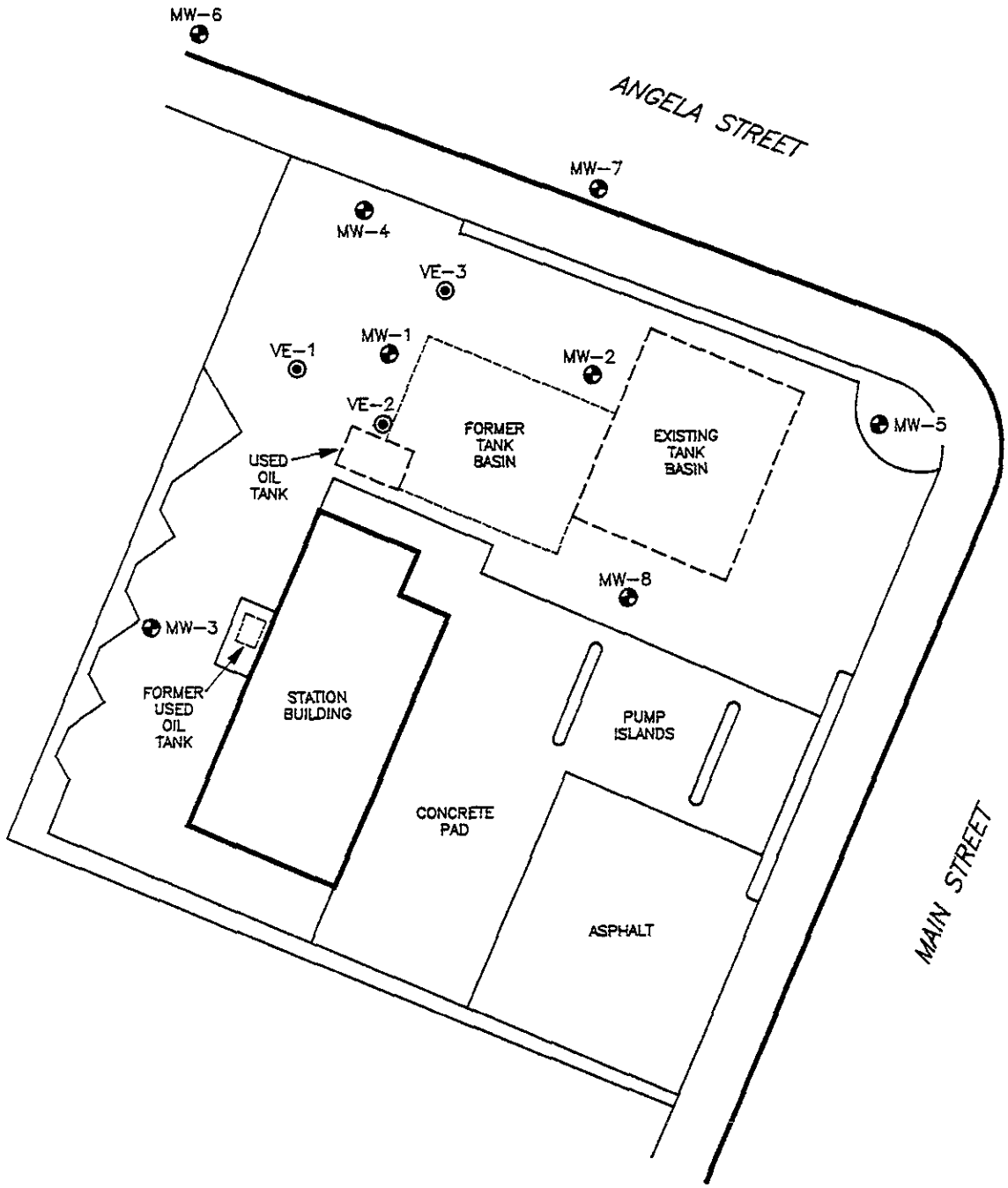
0 2000 FT

SCALE 1 : 24,000

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

PROJECT NO. D094-838	DRAWN BY I.H. 8/24/94
FILE NO. —	PREPARED BY REC
REVISION NO. 1	REVIEWED BY JRB 10/14/94

Delta Environmental Consultants, Inc.



North

LEGEND:

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

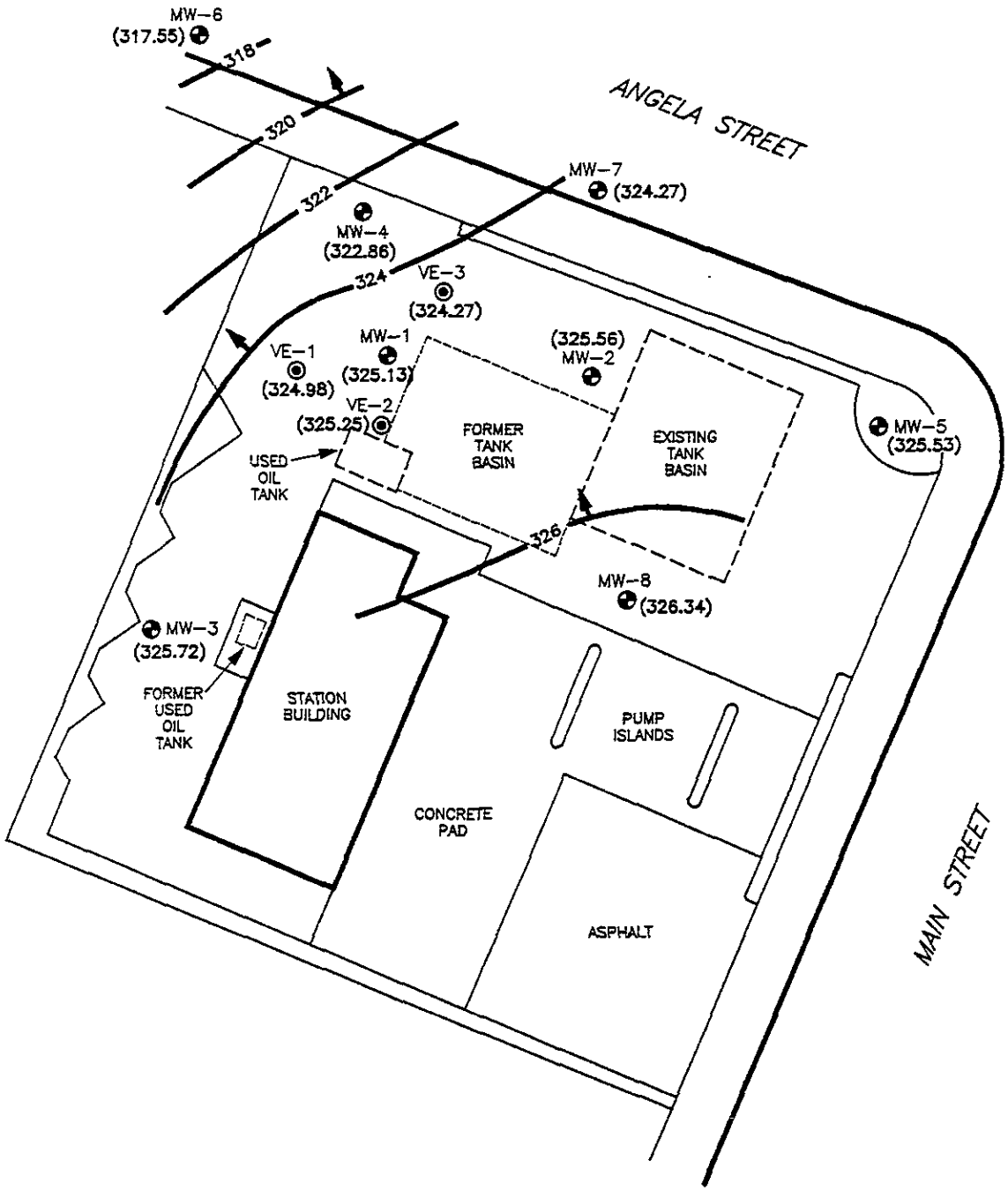
0 30 FT

SCALE

FIGURE 2
SITE MAP
EXXON STATION NO. 7-7003
349 MAIN STREET
PLEASANTON, CA.

PROJECT NO. D094-838	DRAWN BY I.H. 8/24/94
FILE NO. 94-838-1	PREPARED BY REC
REVISION NO. 1	REVIEWED BY 10/14/94

Delta Environmental Consultants, Inc.



LEGEND:

VE-1	VAPOR EXTRACTION WELL LOCATION
MW-1	MONITORING WELL LOCATION
(325.13)	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 – 3/6/95

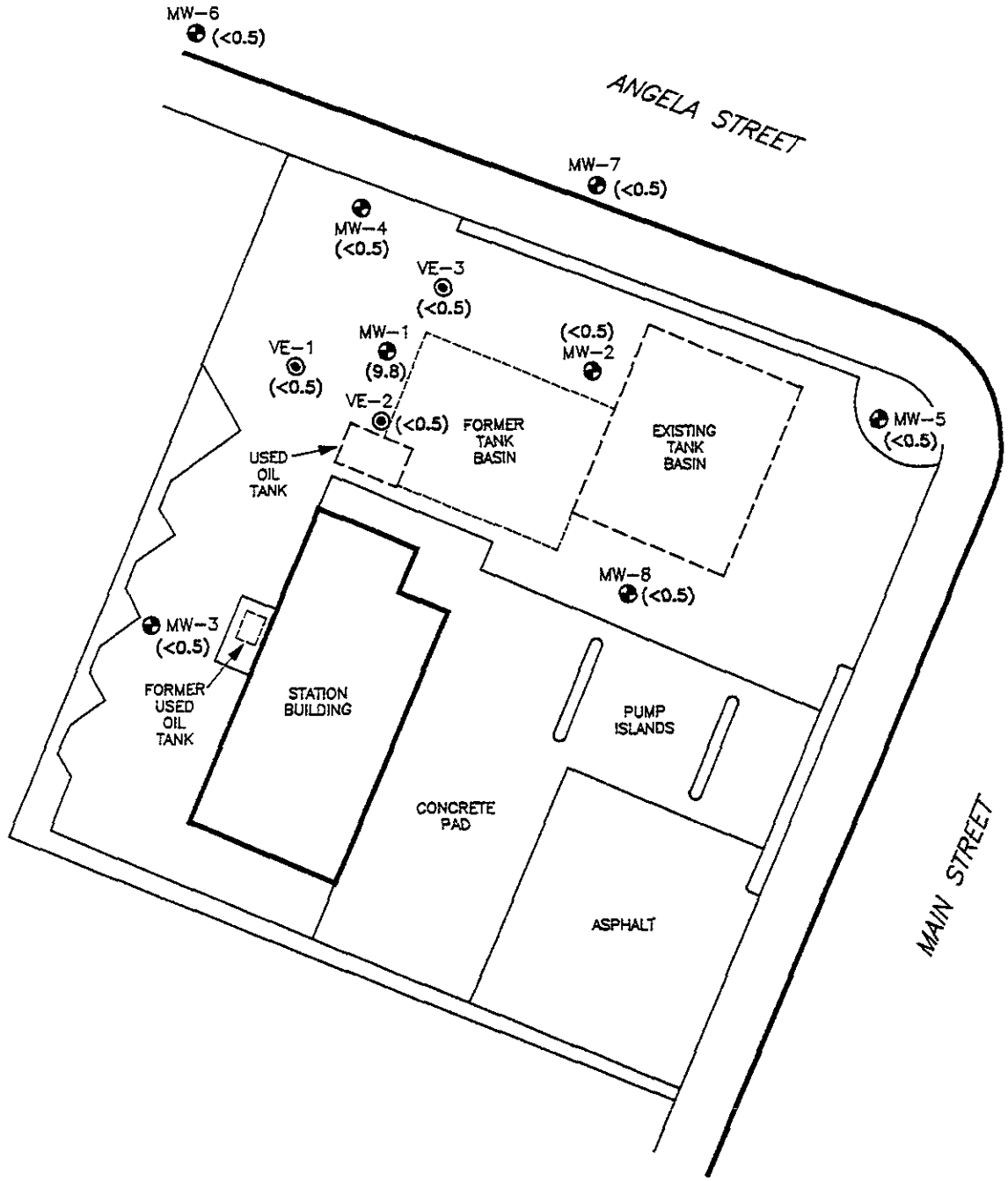
EXXON STATION NO. 7-7003

349 MAIN STREET

PLEASANTON, CA.

PROJECT NO. D094-838	DRAWN BY I.H. 3/20/95
FILE NO. 94-838-1	PREPARED BY WLB
REVISION NO. 1	REVIEWED BY RA

Delta Environmental Consultants, Inc.



LEGEND:

VE-1	VAPOR EXTRACTION WELL LOCATION
MW-1	MONITORING WELL LOCATION
(<0.5)	CONCENTRATION OF DISSOLVED BENZENE IN GROUND WATER IN MICROGRAMS PER LITER

0 30 FT

SCALE

FIGURE 4
DISSOLVED BENZENE DISTRIBUTION MAP
3/6/95
EXXON STATION NO. 7-7003
349 MAIN STREET
PLEASANTON, CA.

PROJECT NO. D094-838	DRAWN BY I.H. 3/20/95
FILE NO. 94-838-1	PREPARED BY WLB
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 DEPTH DETERMINATION

A water/petroleum interface probe was used to determine the thickness of liquid-phase petroleum hydrocarbons (LPH), if present, and a water level indicator was used to determine 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 analysis. 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 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

Ground Water Sample Analytical Report

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Delta Environmental Consults
3330 Data Drive
Rancho Cordova, CA 95670

Attention: Rich Chandler

Client Proj. ID: Exxon 7-7003, Pleasanton
Sample Descript: MW-3
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9503520-01

Sampled: 03/06/95
Received: 03/08/95

Analyzed: 03/09/95
Reported: 03/13/95

QC Batch Number: GC030995BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	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:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	100

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

Delta Environmental Consults
3330 Data Drive
Rancho Cordova, CA 95670

Attention: Rich Chandler

Client Proj. ID: Exxon 7-7003, Pleasanton
Sample Descript: MW-8
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9503520-02

Sampled: 03/06/95
Received: 03/08/95

Analyzed: 03/10/95
Reported: 03/13/95

QC Batch Number: GC031095BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	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:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	83

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

Delta Environmental Consults	Client Proj. ID: Exxon 7-7003, Pleasanton	Sampled: 03/06/95
3330 Data Drive	Sample Descript: MW-2	Received: 03/08/95
Rancho Cordova, CA 95670	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 03/11/95
Attention: Rich Chandler	Lab Number: 9503520-04	Reported: 03/13/95

QC Batch Number: GC031095BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**190**
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Weathered Gas		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	104

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
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Delta Environmental Consults	Client Proj. ID: Exxon 7-7003, Pleasanton	Sampled: 03/06/95
3330 Data Drive	Sample Descript: MW-7	Received: 03/08/95
Rancho Cordova, CA 95670	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 03/11/95
Attention: Rich Chandler	Lab Number: 9503520-05	Reported: 03/13/95

QC Batch Number: GC031095BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	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:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	92

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
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Delta Environmental Consults	Client Proj. ID: Exxon 7-7003, Pleasanton	Sampled: 03/06/95
3330 Data Drive	Sample Descript: MW-4	Received: 03/08/95
Rancho Cordova, CA 95670	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 03/11/95
Attention: Rich Chandler	Lab Number: 9503520-06	Reported: 03/13/95

QC Batch Number: GC031095BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	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:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	102

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
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Delta Environmental Consults
3330 Data Drive
Rancho Cordova, CA 95670

Attention: Rich Chandler

Client Proj. ID: Exxon 7-7003, Pleasanton
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8010
Lab Number: 9503520-06

Sampled: 03/06/95
Received: 03/08/95

Analyzed: 03/10/95
Reported: 03/13/95

QC Batch Number: GC031095801009A
Instrument ID: GCHP09

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon Tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	70	130	81

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

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

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Delta Environmental Consults
3330 Data Drive
Rancho Cordova, CA 95670

Attention: Rich Chandler

Client Proj. ID: Exxon 7-7003, Pleasanton
Sample Descript: VE-3
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9503520-07

Sampled: 03/06/95
Received: 03/08/95

Analyzed: 03/11/95
Reported: 03/13/95

QC Batch Number: GC031095BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	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:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	99

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

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

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Delta Environmental Consults	Client Proj. ID: Exxon 7-7003, Pleasanton	Sampled: 03/06/95
3330 Data Drive	Sample Descript: MW-6	Received: 03/08/95
Rancho Cordova, CA 95670	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 03/11/95
Attention: Rich Chandler	Lab Number: 9503520-08	Reported: 03/13/95

QC Batch Number: GC031095BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	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:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	99

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

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

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Delta Environmental Consults
3330 Data Drive
Rancho Cordova, CA 95670

Attention: Rich Chandler

Client Proj. ID: Exxon 7-7003, Pleasanton
Sample Descript: VE-1
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9503520-09

Sampled: 03/06/95
Received: 03/08/95

Analyzed: 03/11/95
Reported: 03/13/95

QC Batch Number: GC031095BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**52**
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Weathered Gas		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	100

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

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
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Delta Environmental Consults	Client Proj. ID: Exxon 7-7003, Pleasanton	Sampled: 03/06/95
3330 Data Drive	Sample Descript: MW-1	Received: 03/08/95
Rancho Cordova, CA 95670	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 03/10/95
Attention: Rich Chandler	Lab Number: 9503520-10	Reported: 03/13/95

QC Batch Number: GC031095BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	100	1500
Benzene	1.0	9.8
Toluene	1.0	5.2
Ethyl Benzene	1.0	130
Xylenes (Total)	1.0	80
Chromatogram Pattern:		
Weathered Gas		C6-C12

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	108

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

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

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Delta Environmental Consults	Client Proj. ID: Exxon 7-7003, Pleasanton	Sampled: 03/06/95
3330 Data Drive	Sample Descript: MW-1	Received: 03/08/95
Rancho Cordova, CA 95670	Matrix: LIQUID	
	Analysis Method: EPA 8010	Analyzed: 03/10/95
Attention: Rich Chandler	Lab Number: 9503520-10	Reported: 03/13/95

QC Batch Number: GC031095801009A
Instrument ID: GCHP09

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	2.0	N.D.
Carbon Tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	2.0	N.D.
2-Chloroethylvinyl ether	2.0	N.D.
Chloroform	1.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	1.0	N.D.
1,2-Dichlorobenzene	1.0	N.D.
1,3-Dichlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	1.0	N.D.
1,1-Dichloroethane	1.0	N.D.
1,2-Dichloroethane	1.0	N.D.
1,1-Dichloroethene	1.0	N.D.
cis-1,2-Dichloroethene	1.0	N.D.
trans-1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	1.0	N.D.
cis-1,3-Dichloropropene	1.0	N.D.
trans-1,3-Dichloropropene	1.0	N.D.
Methylene chloride	10	N.D.
1,1,2,2-Tetrachloroethane	1.0	N.D.
Tetrachloroethene	1.0	N.D.
1,1,1-Trichloroethane	1.0	N.D.
1,1,2-Trichloroethane	1.0	N.D.
Trichloroethene	1.0	N.D.
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	70	130	72

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

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

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Delta Environmental Consults	Client Proj. ID: Exxon 7-7003, Pleasanton	Sampled: 03/06/95
3330 Data Drive	Sample Descript: VE-2	Received: 03/08/95
Rancho Cordova, CA 95670	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 03/09/95
Attention: Rich Chandler	Lab Number: 9503520-11	Reported: 03/13/95

QC Batch Number: GC030995BTEX03A
Instrument ID: GCHP03

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**460**
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	**0.50**	**9.4**
Xylenes (Total)	**0.50**	**1.3**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	105

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

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

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Delta Environmental Consults	Client Proj. ID: Exxon 7-7003, Pleasanton	Received: 03/08/95
3330 Data Drive Rancho Cordova, CA 95670 Attention: Rich Chandler	Lab Proj. ID: 9503520	Reported: 03/13/95

LABORATORY NARRATIVE

(8010_W) SAMPLE 520-01 RAN AS DILUTION DUR TO HIGH HITS IN 8020 RUN.

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Sequoia Analytical

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Delta Environmental Consultants
3330 Data Drive
Rancho Cordova, CA 95670
Attention: Rich Chandler

Client Project ID: Exxon 7-7003, Pleasanton
Matrix: Liquid
Work Order #: 9503520 -06,10

Reported: Mar 14, 1995

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene
QC Batch#:	GC031095801009A	GC031095801009A	GC031095801009A
Analy. Method:	EPA 8010	EPA 8010	EPA 8010
Prep. Method:	EPA 5030	EPA 5030	EPA 5030
Analyst:	H. Porter	H. Porter	H. Porter
MS/MSD #:	950344701	950344701	950344701
Sample Conc.:	N.D.	N.D.	N.D.
Prepared Date:	3/10/95	3/10/95	3/10/95
Analyzed Date:	3/10/95	3/10/95	3/10/95
Instrument I.D.#:	GCHP9	GCHP9	GCHP9
Conc. Spiked:	25 µg/L	25 µg/L	25 µg/L
Result:	22	27	27
MS % Recovery:	88	108	108
Dup. Result:	22	22	22
MSD % Recov.:	88	88	88
RPD:	0.0	20	20
RPD Limit:	0-50	0-50	0-50
LCS #:	BLK031095	BLK031095	BLK031095
Prepared Date:	3/10/95	3/10/95	3/10/95
Analyzed Date:	3/10/95	3/10/95	3/10/95
Instrument I.D.#:	GCHP9	GCHP9	GCHP9
Conc. Spiked:	25 µg/L	25 µg/L	25 µg/L
LCS Result:	27	25	25
LCS % Recov.:	108	100	100
MS/MSD LCS Control Limits	28-167	35-146	38-150

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

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 matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

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Delta Environmental Consultants
3330 Data Drive
Rancho Cordova, CA 95670
Attention: Rich Chandler

Client Project ID: Exxon 7-7003, Pleasanton
Matrix: Liquid
Work Order #: 9503520-01

Reported: Mar 14, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC030995BTEX02A	GC030995BTEX02A	GC030995BTEX02A	GC030995BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	950331303	950331303	950331303	950331303
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/9/95	3/9/95	3/9/95	3/9/95
Analyzed Date:	3/9/95	3/9/95	3/9/95	3/9/95
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	10	10	30
MS % Recovery:	100	100	100	100
Dup. Result:	11	11	11	33
MSD % Recov.:	110	110	110	110
RPD:	9.5	9.5	9.5	9.5
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:				
Prepared Date:				
Analyzed Date:				
Instrument I.D.#:				
Conc. Spiked:				
LCS Result:				
LCS % Recov.:				
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

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 matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

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Delta Environmental Consultants
3330 Data Drive
Rancho Cordova, CA 95670
Attention: Rich Chandler

Client Project ID: Exxon 7-7003, Pleasanton
Matrix: Liquid
Work Order #: 9503520-02-09

Reported: Mar 14, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC031095BTEX02A	GC031095BTEX02A	GC031095BTEX02A	GC031095BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	950330502	950330502	950330502	950330502
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/10/95	3/10/95	3/10/95	3/10/95
Analyzed Date:	3/10/95	3/10/95	3/10/95	3/10/95
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	11	11	14	35
MS % Recovery:	110	110	140	117
Dup. Result:	11	12	12	34
MSD % Recov.:	110	120	120	113
RPD:	0.0	8.7	15	2.9
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:				
Prepared Date:				
Analyzed Date:				
Instrument I.D.#:				
Conc. Spiked:				
LCS Result:				
LCS % Recov.:				
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

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 matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

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Delta Environmental Consultants
3330 Data Drive
Rancho Cordova, CA 95670
Attention: Rich Chandler

Client Project ID: Exxon 7-7003, Pleasanton
Matrix: Liquid
Work Order #: 9503520-10
Reported: Mar 14, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC031095BTEX17A	GC031095BTEX17A	GC031095BTEX17A	GC031095BTEX17A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	R. Vincent	R. Vincent	R. Vincent	R. Vincent
MS/MSD #:	950330502	950330502	950330502	950330502
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/10/95	3/10/95	3/10/95	3/10/95
Analyzed Date:	3/10/95	3/10/95	3/10/95	3/10/95
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	11	11	12	35
MS % Recovery:	110	110	120	117
Dup. Result:	11	10	10	30
MSD % Recov.:	110	100	100	100
RPD:	0.0	9.5	18	15
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:				
Prepared Date:				
Analyzed Date:				
Instrument I.D.#:				
Conc. Spiked:				
LCS Result:				
LCS % Recov.:				
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Please Note:
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** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

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Delta Environmental Consultants
3330 Data Drive
Rancho Cordova, CA 95670
Attention: Rich Chandler

Client Project ID: Exxon 7-7003, Pleasanton
Matrix: Liquid
Work Order #: 9503520-11

Reported: Mar 14, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC030995BTEX03A	GC030995BTEX03A	GC030995BTEX03A	GC030995BTEX03A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	950331304	950331304	950331304	950331304
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/9/95	3/9/95	3/9/95	3/9/95
Analyzed Date:	3/9/95	3/9/95	3/9/95	3/9/95
Instrument I.D.#:	GCHP3	GCHP3	GCHP3	GCHP3
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.4	9.5	9.5	29
MS % Recovery:	94	95	95	97
Dup. Result:	9.8	9.9	9.9	29
MSD % Recov.:	98	99	99	97
RPD:	4.2	4.1	4.1	0.0
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:				
Prepared Date:				
Analyzed Date:				
Instrument I.D.#:				
Conc. Spiked:				
LCS Result:				
LCS % Recov.:				
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

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 matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

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: _____ **Page** 1 **of** 1

Address:		**Site Location:**
Project #:	**Consultant Project #:**	**Consultant Work Release #:**
Project Contact:	**Phone #:**	**Laboratory Work Release #:**
EXXON Contact:	**Phone #:**	**EXXON RAS #:**
Sampled by (print):	**Sampler's Signature:**	
Shipment Method:	**Air Bill #:**	

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

ANALYSIS REQUIRED (PROPOSED)

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			Temperature: 11°C Inbound Seal: Yes No Outbound Seal: Yes No
MW-3	3-6-95		H2O	HCl	3	1-A.C.	X					
						2	X					
						3						
						4						
						5						
						6-A.F						
						7 A.C						
						8						
						9	X					

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
	3/6/95	16:35	Kim Baetz	3/6/95	1635	
	3-7-95	1620		3-7	1620	
	3-8			3-8-95	1445	

Pink - Client
Yellow - Sequoia
White - Sequoia

S[redacted] Anal[redacted]
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CHAIN OF CUSTODY

Consultant's Name: [illegible]		Page [illegible] of [illegible]
Address: [illegible]		Site Location: [illegible]
Project #: [illegible]	Consultant Project #: [illegible]	Consultant Work Release #: [illegible]
Project Contact: [illegible]	Phone #: [illegible]	Laboratory Work Release #:
EXXON Contact: [illegible]	Phone #:	EXXON RAS #:
Sampled by (print): [illegible]	Sampler's Signature: [illegible]	
Shipment Method:	Air Bill #:	

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

ANALYSIS REQUIRED 9503[illegible]

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			Temperature: [illegible] Inbound Seal: Yes No Outbound Seal: Yes No
[illegible]	3-[illegible]	1[illegible]	[illegible]	[illegible]		10 A,B,F	X			X		
	↓		↓	↓		11 A,C	X					
						3						
						4						
						5						
						6 A F						
						7 A,C						
						8						
						9						

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
[illegible]	3/6/95	1655	Kim Barta	3/6/95	1635	
	3-7	1620	[illegible]	3 7	1620	
[illegible]	[illegible]		[illegible]	3/8/95	1445	

Pink - Client
Yellow - Sequoia
White - Sequoia