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

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

6/24 - left msg w/ M. Guensler to have Delta provide evaluation of remediation system - how much HC removed to date - how effective it is now. Should it be pulsed or turned off, etc.
Also, site is impacted by odors at 'shed' sts

June 7, 1996

Ms. Juliet Shin
Alameda County Department of Environmental Health
Hazardous Materials Division
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

RE: Exxon RAS #7-0104/1725 Park Street, Alameda, CA

Dear Ms. Shin:

Attached for your review and comment is a report entitled ***Quarterly Ground Water Monitoring Report, Second Quarter 1996*** for the above referenced site. This report, prepared by Delta Environmental Consultants, Inc., (Delta) of Rancho Cordova, California, details the results of the April 1996 ground water monitoring and sampling event.

Please contact me at (510) 246-8776 if you have any questions or comments.

Sincerely,

Marla D. Guensler
Senior Engineer

MDG/jb

attachment: Delta Quarterly Report dated May 22, 1996

cc: w/attachment:
Mr. Richard Hiett - San Francisco Bay RWQCB
Mr. Larry Seto - Alameda Co. Dept. of Environmental Health

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

Delta
Environmental
Consultants, Inc.

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

May 22, 1996

Ms. Marla 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. 7-0104
1725 Park Street
Alameda, California
Delta Project No. D094-832

Dear Ms. Guensler:

Delta Environmental Consultants, Inc. (Delta), has been authorized by Exxon Company, U.S.A. (Exxon), to conduct quarterly ground water monitoring and remediation activities at Exxon Service Station No. 7-0104, located at 1725 Park Street, Alameda, California. This letter report presents the results of quarterly ground water monitoring and data collection conducted on April 24, 1996. The location of the site is shown in Figure 1 and site features are illustrated in Figure 2. Work conducted at the site by Delta was performed in accordance with the field methods and procedures described in Enclosure A.

Ground Water Elevations, Flow Direction, and Hydraulic Gradient

Ground water was measured in each of the twelve monitoring wells (MW-1 through MW-12) and the five recovery wells (EW-1 through EW-5). Ground water depths in the wells ranged from 4.46 (MW-12) to 18.10 (EW-3) feet below the top of the well casings. Ground water elevations in the monitoring wells increased approximately 1.5 feet from the previous measurements collected in January 1996. Cumulative ground water level measurements collected by Delta are presented in Table 1. Historical ground water monitoring and sampling data collected by previous consultants (June 7, 1988 through February 25, 1994) are presented in Enclosure B.

A water table contour map constructed from the ground water level measurements recorded on April 24, 1996, is included as Figure 3. The contour map indicates an induced ground water flow direction toward recovery wells EW-2, EW-3, and EW-5. The ground water extraction system has induced a hydraulic gradient of approximately 0.2 in the vicinity of the recovery wells. Away from the recovery wells, previous data indicates the ground water flow direction to be towards the east.

Subjective Analysis

Liquid-phase petroleum hydrocarbons (LPH) were not observed in any monitoring wells during the second quarter site visit.

Analytical Results

Ground water samples were collected from each of the wells on April 24, 1996, and submitted to Sequoia Analytical (a California-certified laboratory) for analyses of benzene, toluene, ethylbenzene, total xylenes (BTEX), and methyl tertiary butyl ether (MTBE) by EPA Method 8020, and total petroleum hydrocarbons (TPH) as gasoline by EPA Method 8015 Modified. Cumulative analytical results from samples collected by Delta are presented in Table 2. A summary of historical analytical results for ground water samples collected by previous consultants (June 7, 1988 through February 25, 1994) is presented in Enclosure B.

The analytical results for the second quarter 1996 monitoring event reported that detectable concentrations of TPH as gasoline ranged from 110 micrograms per liter (μg/L) in the sample from monitoring well MW-10 to 34,000 μg/L (MW-2). Detected concentrations of benzene ranged from 34 μg/L (EW-3) to 8,700 μg/L (MW-2). Detectable MTBE concentrations ranged from 6.8 μg/L (MW-10) to 360,000 μg/L (MW-7). All analytes were below laboratory detection limits for ground water samples obtained from monitoring wells MW-8 and MW-9.

A dissolved benzene concentration map based on analytical results for ground water samples collected on April 24, 1996, is included as Figure 4. A copy of the laboratory analytical report and chain-of-custody documentation is presented in Enclosure C.

Ground Water Remediation System Status

The ground water remediation system is sampled on a monthly basis, as required in the discharge permit issued by the East Bay Municipal Utility District (EBMUD). Influent and effluent water samples are collected for analyses of BTEX by EPA Method 5030/8020, and TPH as gasoline by EPA Method 8015 Modified. As per the revised discharge permit dated February 14, 1995, the ground water remediation system analytical sampling results are presented in semi-annual reports to EBMUD.

Future Work

The next quarterly monitoring event for this site is scheduled for July 1996. Delta anticipates continuing operation of the ground water remediation system.

Delta recommends that copies of this report be forwarded to the following agencies:

Mr. Richard Hiett
Regional Water Quality Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Mr. Larry Seto
Alameda County Department of Environmental Health
Hazardous Material Division
80 Swan Way, Room 200
Oakland, California 94621

Mr. Safa Toma
East Bay Municipal Utility District
Post Office Box 24055
Oakland, California 94621

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.

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

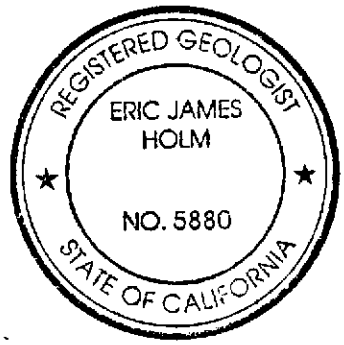
Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.

J. William Speth
Staff Scientist

Richard D. Munsch
Project Manager

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



JWS (LRP213.CAC)
Enclosures

TABLE 1

GROUND WATER LEVEL MEASUREMENTS

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Top of Riser Elevation (ft)[a]	Depth to Water (ft)	Ground Water Elevation (ft)	Comments
MW-1	09/12/94	17.35	7.11	10.24	No LPH[b] or Sheen
	10/01/94		7.44	9.91	No LPH or Sheen
	01/13/95		5.13	12.22	No LPH or Sheen
	04/27/95		6.57	10.78	No LPH or Sheen
	08/03/95		7.46	9.89	No LPH or Sheen
	10/17/95		7.67	9.68	No LPH or Sheen
	01/24/96		6.52	10.83	No LPH or Sheen
	04/24/96		5.95	11.40	No LPH or Sheen
MW-2	09/12/94	16.67	6.71	9.96	No LPH or Sheen
	10/01/94		7.22	9.45	Sheen
	01/13/95		4.46	12.22[c]	LPH Thickness 0.01
	04/27/95		6.92	9.75	No LPH or Sheen
	08/03/95		6.96	9.71	No LPH or Sheen
	10/17/95		7.83	8.84	No LPH or Sheen
	01/24/96		6.45	10.22	No LPH or Sheen
	04/24/96		6.00	10.67	No LPH or Sheen
MW-3	09/12/94	17.11	6.58	10.53	No LPH or Sheen
	10/01/94		6.85	10.26	No LPH or Sheen
	01/13/95		5.27	11.84	No LPH or Sheen
	04/27/95		6.05	11.06	No LPH or Sheen
	08/03/95		6.71	10.40	No LPH or Sheen
	10/17/95		7.46	9.65	No LPH or Sheen
	01/24/96		5.83	11.28	No LPH or Sheen
	04/24/96		5.38	11.73	No LPH or Sheen
MW-4	09/12/94	17.34	6.80	10.54	No LPH or Sheen
	10/01/94		7.09	10.25	No LPH or Sheen
	01/13/95		4.66	12.68	No LPH or Sheen
	04/27/95		5.54	11.80	No LPH or Sheen
	08/03/95		6.92	10.42	No LPH or Sheen
	10/17/95		7.50	9.84	No LPH or Sheen
	01/24/96		5.81	11.53	No LPH or Sheen
	04/24/96		5.44	11.90	No LPH or Sheen
MW-5	09/12/94	16.71	7.12	9.59	No LPH or Sheen
	10/01/94		7.06	9.65	Sheen
	01/13/95		4.85	11.88[c]	LPH Thickness 0.02
	04/27/95		6.51	10.20	No LPH or Sheen
	08/03/95		7.24	9.47	No LPH or Sheen
	10/17/95		7.80	8.91	No LPH or Sheen
	01/24/96		6.66	10.05	No LPH or Sheen
	04/24/96		5.80	10.91	No LPH or Sheen

TABLE 1-Continued

GROUND WATER LEVEL DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Top of Riser Elevation (ft)[a]	Depth to Water (ft)	Ground Water Elevation (ft)	Comments
MW-6	09/12/94	17.56	6.88	10.68	No LPH or Sheen
	10/01/94		7.15	10.41	No LPH or Sheen
	01/13/95		4.80	12.76	No LPH or Sheen
	04/27/95		6.14	11.42	No LPH or Sheen
	08/03/95		6.83	10.73	No LPH or Sheen
	10/17/95		7.66	9.90	No LPH or Sheen
	01/24/96		5.86	11.70	No LPH or Sheen
	04/24/96		5.39	12.17	No LPH or Sheen
MW-7	09/12/94	17.12	6.43	10.69	No LPH or Sheen
	10/01/94		6.71	10.41	No LPH or Sheen
	01/13/95		4.29	12.83	No LPH or Sheen
	04/27/95		5.00	12.12	No LPH or Sheen
	08/03/95		6.53	10.59	No LPH or Sheen
	10/17/95		7.23	9.89	No LPH or Sheen
	01/24/96		5.26	11.86	No LPH or Sheen
	04/24/96		5.06	12.06	No LPH or Sheen
MW-8	09/12/94	16.33	6.42	9.91	No LPH or Sheen
	10/01/94		6.62	9.71	No LPH or Sheen
	01/13/95		5.25	11.08	No LPH or Sheen
	04/27/95		6.00	10.33	No LPH or Sheen
	08/03/95		6.28	10.05	No LPH or Sheen
	10/17/95		6.93	9.40	No LPH or Sheen
	01/24/96		5.71	10.62	No LPH or Sheen
	04/24/96		5.52	10.81	No LPH or Sheen
MW-9	09/12/94	15.62	6.84	8.78	No LPH or Sheen
	10/01/94		6.97	8.65	No LPH or Sheen
	01/13/95		6.18	9.44	No LPH or Sheen
	04/27/95		6.58	9.04	No LPH or Sheen
	08/03/95		6.72	8.90	No LPH or Sheen
	10/17/95		7.09	8.53	No LPH or Sheen
	01/24/96		6.46	9.16	No LPH or Sheen
	04/24/96		6.43	9.19	No LPH or Sheen
MW-10	09/12/94	16.79	7.04	9.75	No LPH or Sheen
	10/01/94		7.30	9.49	No LPH or Sheen
	01/13/95		6.04	10.75	No LPH or Sheen
	04/27/95		6.66	10.13	No LPH or Sheen
	08/03/95		7.23	9.56	No LPH or Sheen
	10/17/95		7.93	8.86	No LPH or Sheen
	01/24/96		6.43	10.36	No LPH or Sheen
	04/24/96		6.42	10.37	No LPH or Sheen

TABLE 1-Continued

GROUND WATER LEVEL DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Top of Riser Elevation (ft)[a]	Depth to Water (ft)	Ground Water Elevation (ft)	Comments
MW-11	10/17/95	18.04	7.72	10.32	No LPH or Sheen
	01/24/96		5.97	12.07	No LPH or Sheen
	04/24/96		5.84	12.20	No LPH or Sheen
MW-12	10/17/95	16.30	6.38	9.92	No LPH or Sheen
	01/24/96		4.86	11.44	No LPH or Sheen
	04/24/96		4.46	11.84	No LPH or Sheen
EW-1	09/12/94	16.22	6.13	10.09	No LPH or Sheen
	10/01/94		7.63	8.59	No LPH or Sheen
	01/13/95		11.46	4.76	No LPH or Sheen
	04/27/95		15.47	0.75	No LPH or Sheen
	08/03/95		13.85	2.37	No LPH or Sheen
	10/17/95		8.05	8.17	No LPH or Sheen
	01/24/96		11.07	5.15	No LPH or Sheen
	04/24/96		6.20	10.02	No LPH or Sheen
EW-2	09/12/94	16.05	6.09	9.96	Sheen
	10/01/94		7.32	8.73	Sheen
	01/13/95		14.38	1.67	No LPH or Sheen
	04/27/95		15.23	0.82	No LPH or Sheen
	08/03/95		7.19	8.86	No LPH or Sheen
	10/17/95		18.97	-2.92	No LPH or Sheen
	01/24/96		20.32	-4.27	No LPH or Sheen
	04/24/96		9.46	6.59	No LPH or Sheen
EW-3	09/12/94	16.02	6.12	9.9	No LPH or Sheen
	10/01/94		10.52	5.5	No LPH or Sheen
	01/13/95		18.13	-2.11	No LPH or Sheen
	04/27/95		23.07	-7.05	No LPH or Sheen
	08/03/95		22.90	-6.88	No LPH or Sheen
	10/17/95		22.87	-6.85	No LPH or Sheen
	01/24/96		20.97	-4.95	No LPH or Sheen
	04/24/96		18.10	-2.08	No LPH or Sheen
EW-4	09/12/94	16.61	5.69	10.92	No LPH or Sheen
	10/01/94		7.90	8.71	No LPH or Sheen
	01/13/95		11.36	5.25	No LPH or Sheen
	04/27/95		16.30	0.31	No LPH or Sheen
	08/03/95		6.45	10.16	No LPH or Sheen
	10/17/95		15.89	0.72	No LPH or Sheen
	01/24/96		6.03	10.58	No LPH or Sheen
	04/24/96		4.97	11.64	No LPH or Sheen

TABLE 1-Continued

GROUND WATER LEVEL DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Top of Riser Elevation (ft)[a]	Depth to Water (ft)	Ground Water Elevation (ft)	Comments
EW-5	09/12/94	16.51	6.30	10.21	No LPH or Sheen
	10/01/94		11.83	4.68	No LPH or Sheen
	01/13/95		12.54	3.97	No LPH or Sheen
	04/27/95		13.11	3.40	No LPH or Sheen
	08/03/95		11.99	4.52	No LPH or Sheen
	10/17/95		13.43	3.08	No LPH or Sheen
	01/24/96		9.72	6.79	No LPH or Sheen
	04/24/96		8.13	8.38	No LPH or Sheen

[a] Elevation of top of well casing in relative to mean sea level (RESNA Industries, Inc., February 10, 1994).
[b] Liquid-phase petroleum hydrocarbons.
[c] Adjusted ground water elevations, based on the specific gravity of gasoline as 0.80.

TABLE 2

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

Exxon Retail Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH[a] as gasoline	MTBE[b]
MW-1	09/12/94	200	1.9	210	6.6	1,600[c]	NA[d]
	10/01/94	200	<0.5	160	6.6	1,400[c]	NA
	01/13/95	410[e]	17	280[e]	89	2,100[c]	NA
	04/27/95	460	41	340	270	4,700	NA
	08/03/95	140	<5.0	160	9.9	1,900	30
	10/17/95	6.2	<0.5	13	0.75	280	5.5
	01/24/96	21	1.4	38	3.1	740	440
	04/24/96	200	110	1,000	740	7,800	250
MW-2	09/12/94	4,400	120	1,700	2,100	31,000[c]	NA
	10/01/94	4,500	250	1,800	2,400	45,000[c]	NA
	01/13/95	NS[f]	NS	NS	NS	NS	NA
	04/27/95	7,000	840	2,400	3,400	44,000	NA
	08/03/95	4,600	170	1,600	1,100	30,000	37,000
	10/17/95	5,400	190	2,000	1,500	45,000	14,000
	01/24/96	5,000	810	2,200	2,200	30,000	4,100
	04/24/96	8,700	410	2,200	2,000	34,000	22,000
MW-3	09/12/94	580	8.0	340	100	3,100[c]	NA
	10/01/94	640	11	230	130	3,800[c]	NA
	01/13/95	690	24	210	130	3,800[c]	NA
	04/27/95	940	35	810	530	7,500	NA
	08/03/95	380	<5.0	140	45	1,900	24
	10/17/95	950	29	230	190	6,100	<5.0
	01/24/96	730	15	190	110	3,000	<100
	04/24/96	1,200	130	1,000	1,400	11,000	<100
MW-4	09/12/94	900	57	310	490	5,200[c]	NA
	10/01/94	1,200	66	360	380	9,100[c]	NA
	01/13/95	1,300	200	550	1,000	25,000[c]	NA
	04/27/95	650	130	350	590	5,900	NA
	08/03/95	1,000	<12	170	140	4,200	5,700
	10/17/95	1,300	30	360	380	6,900	1,700
	01/24/96	1,900	46	290	330	6,300	830
	04/24/96	1,800	<20	190	130	5,000	1,600

TABLE 2-Continued

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

Exxon Service

Station No. 7-0104

1725 Park Street
Alameda, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH[a] as gasoline	MTBE[b]
MW-5	09/12/94	2,300	17	320	230	10,000[c]	NA
	10/01/94	2,300	19	220	200	11,000[c]	NA
	01/13/95	NS	NS	NS	NS	NS	NA
	04/27/95	2,200	72	540	350	14,000	NA
	08/03/95	2,100	<100	210	<100	<10,000	39,000
	10/17/95	1,800	14	240	170	13,000	38,000
	01/24/96	2,400	79	340	190	10,000	20,000
	04/24/96	3,700	120	520	170	13,000	33,000
MW-6	09/12/94	150	4.4	170	85	1,500[c]	NA
	10/01/94	120	<0.5	99	38	87[c]	NA
	01/13/95	710	220	780	1,100	9,900[c]	NA
	04/27/95	340	40	460	320	3,900	NA
	08/03/95	89	<2.5	110	63	1,100	65
	10/17/95	410	74	850	110	8,500	<5.0
	01/24/96	560	1,500	2,200	7,500	31,000	<5.0
	04/24/96	460	570	1,400	3,300	15,000	280
MW-7	09/12/94	490	50	280	70	6,000[c]	NA
	10/01/94	940	670	310	160	8,900[c]	NA
	01/13/95	590	780	970	4,200	20,000[c]	NA
	04/27/95	410	32	410	230	8,800	NA
	08/03/95	390	<50	290	<50	4,900	17,000
	10/17/95	530	26	240	25	6,700	17,000
	01/24/96	2,000	390	350	230	9,300	60,000
	04/24/96	2,400	850	150	130	9,000	360,000
MW-8	09/12/94	<0.5	<0.5	<0.5	<0.5	<50[c]	NA
	10/01/94	<0.5	<0.5	<0.5	<0.5	<50[c]	NA
	01/13/95	<0.5	<0.5	<0.5	<0.5	<50[c]	NA
	04/27/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/03/95	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	10/17/95	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	01/24/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	04/24/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0

TABLE 2-Continued

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

Exxon Service

Station No. 7-0104

1725 Park Street
Alameda, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH[a] as gasoline	MTBE[b]
MW-9	09/12/94	<0.5	<0.5	<0.5	<0.5	<50[c]	NA
	10/01/94	<0.5	<0.5	<0.5	<0.5	<50[c]	NA
	01/13/95	<0.5	<0.5	<0.5	<0.5	<50[c]	NA
	04/27/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/03/95	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	10/17/95	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	01/24/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	04/24/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW-10	09/12/94	<0.5	<0.5	1.6	<0.5	71[c]	NA
	10/01/94	1.1	<0.5	2.8	0.73	330[c]	NA
	01/13/95	<0.5	<0.5	<0.5	<0.5	90[c]	NA
	04/27/95	<0.5	<0.5	5.4	1.3	140	NA
	08/03/95	<0.5	<0.5	<0.5	<0.5	150	<2.5
	10/17/95	<0.5	<0.5	<0.5	<0.5	<50	95
	01/24/96	1.6	0.52	62	28	760	24
	04/24/96	<0.5	<0.5	7.1	<0.5	110	6.8
MW-11	10/17/95	3,800	150	950	4,500	34,000	890
	01/24/96	3,800	1,200	2,100	9,800	44,000	<500
	04/24/96	2,900	1,400	1,700	8,300	34,000	720
MW-12	10/17/95	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	01/24/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	04/24/96	<0.5	0.68	<0.5	0.72	<50	<5.0
EW-1	09/12/94	40	<0.5	10	5.4	400[c]	NA
	10/01/94	<0.5	4.4	30	11	3,400[c]	NA
	01/13/95	40	<0.5	12	16	680[c]	NA
	04/27/95	NS	NS	NS	NS	NS	NA
	08/03/95	2.7	<1.2	<1.2	<1.2	<125	590
	10/17/95	220	<0.5	160	36	3,600	400
	01/24/96	4.3	<0.5	1.3	0.53	64	260
	04/24/96	130	2.3	35	2.1	740	3,000
EW-2	09/12/94	2,000	79	180	290	8,800[c]	NA
	10/01/94	1,400	6.7	700	310	9,500[c]	NA
	01/13/95	930	270	21	280	5,700[c]	NA
	04/27/95	NS	NS	NS	NS	NS	NA
	08/03/95	170	27	36	64	830	1,600
	10/17/95	<0.5	<0.5	<0.5	5.1	180	3,600
	01/24/96	290	82	14	170	1,700	6,400
	04/24/96	670	200	110	490	3,500	7,300

TABLE 2-Continued

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

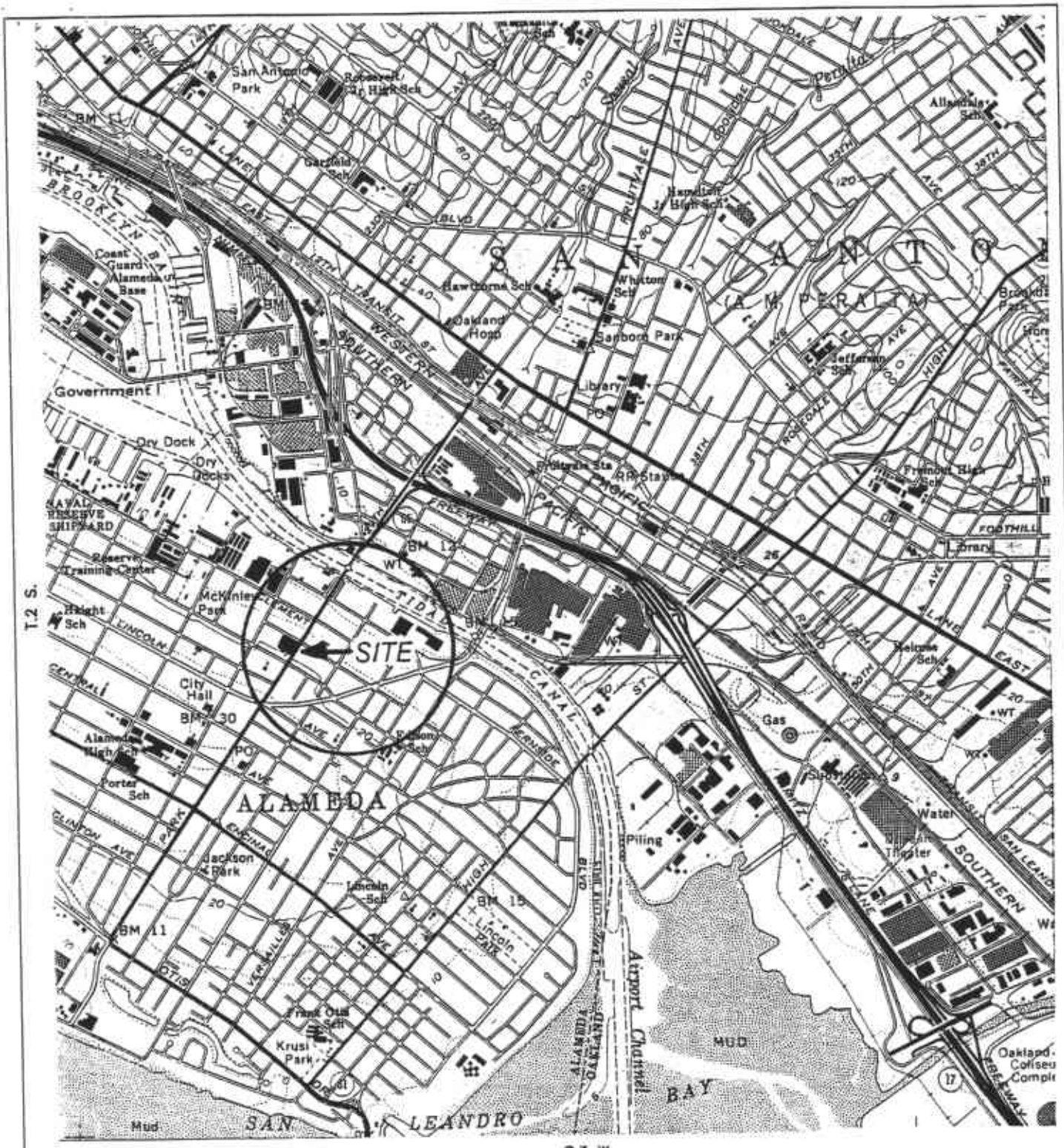
Exxon Service

Station No. 7-0104

1725 Park Street
Alameda, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH[a] as gasoline	MTBE[b]
EW-3	09/12/94	44	5.9	12	31	300[c]	NA
	10/01/94	12	0.42	1.7	3.7	140[c]	NA
	01/13/95	4.6	7.6	1.2	6.6	230[c]	NA
	04/27/95	NS	NS	NS	NS	NS	NA
	08/03/95	<2.0	<2.0	<2.0	<2.0	<200	1,400
	10/17/95	4.4	<0.5	<0.5	<0.5	74	2,400
	01/24/96	16	<0.5	<0.5	<0.5	120	2,300
	04/24/96	34	3.7	8.9	11	180	3,800
EW-4	09/12/94	1,700	12	210	77	4,000[c]	NA
	10/01/94	100	1.5	15	11	460[c]	NA
	01/13/95	89	8.8	1.6	82	520[c]	NA
	04/27/95	NS	NS	NS	NS	NS	NA
	08/03/95	3,100	1,100	2,000	8,200	42,000	17,000
	10/17/95	6.3	<0.5	<0.5	<0.5	92	2,500
	01/24/96	79	2.5	2.9	10	220	9,200
	04/24/96	49	36	69	1,100	4,600	860
EW-5	09/12/94	26	1.7	11	12	180[c]	NA
	10/01/94	16	0.92	5.7	8.5	130[c]	NA
	01/13/95	0.6	0.8	0.6	2.9	130[c]	NA
	04/27/95	NS	NS	NS	NS	NS	NA
	08/03/95	<0.5	<0.5	<0.5	<0.5	70	210
	10/17/95	1.5	<0.5	<0.5	3.0	78	50
	01/24/96	280	66	22	370	2,500	350
	04/24/96	690	240	380	1,300	6,400	400

[a] Total petroleum hydrocarbons by EPA Method 8015 Modified, except as noted.
[b] Methyl tertiary butyl ether by EPA Method 8020.
[c] Total volatile hydrocarbons by DOHS/LUFT manual method.
[d] Not analyzed.
[e] Result obtained from a 1:10 dilution analyzed on January 17, 1995.
[f] Not sampled.



GENERAL NOTES:
BASE MAP FROM U.S.G.S.
OAKLAND EAST, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1980

North

QUADRANGLE LOCATION

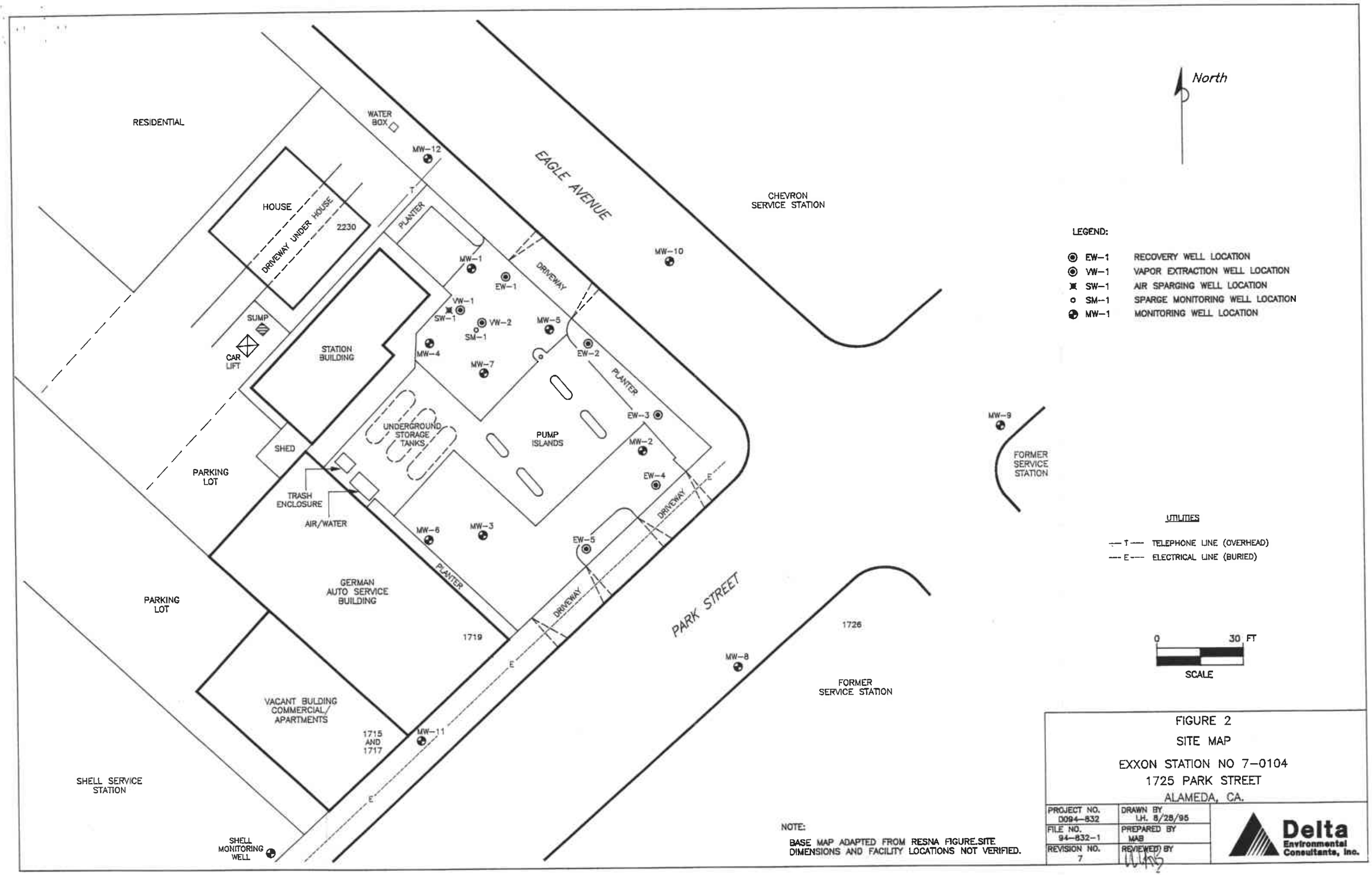
0 2000 FT

SCALE 1 : 24,000

FIGURE 1
SITE LOCATION MAP
EXXON STATION NO 7-0104
1725 PARK STREET
ALAMEDA, CA.

PROJECT NO. 0094-832	DRAWN BY LH. 9/27/94
FILE NO. —	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY 10/4/94

Delta Environmental Consultants, Inc.



NOTE:

BASE MAP ADAPTED FROM RESNA FIGURE.SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

FIGURE 2

SITE MAP

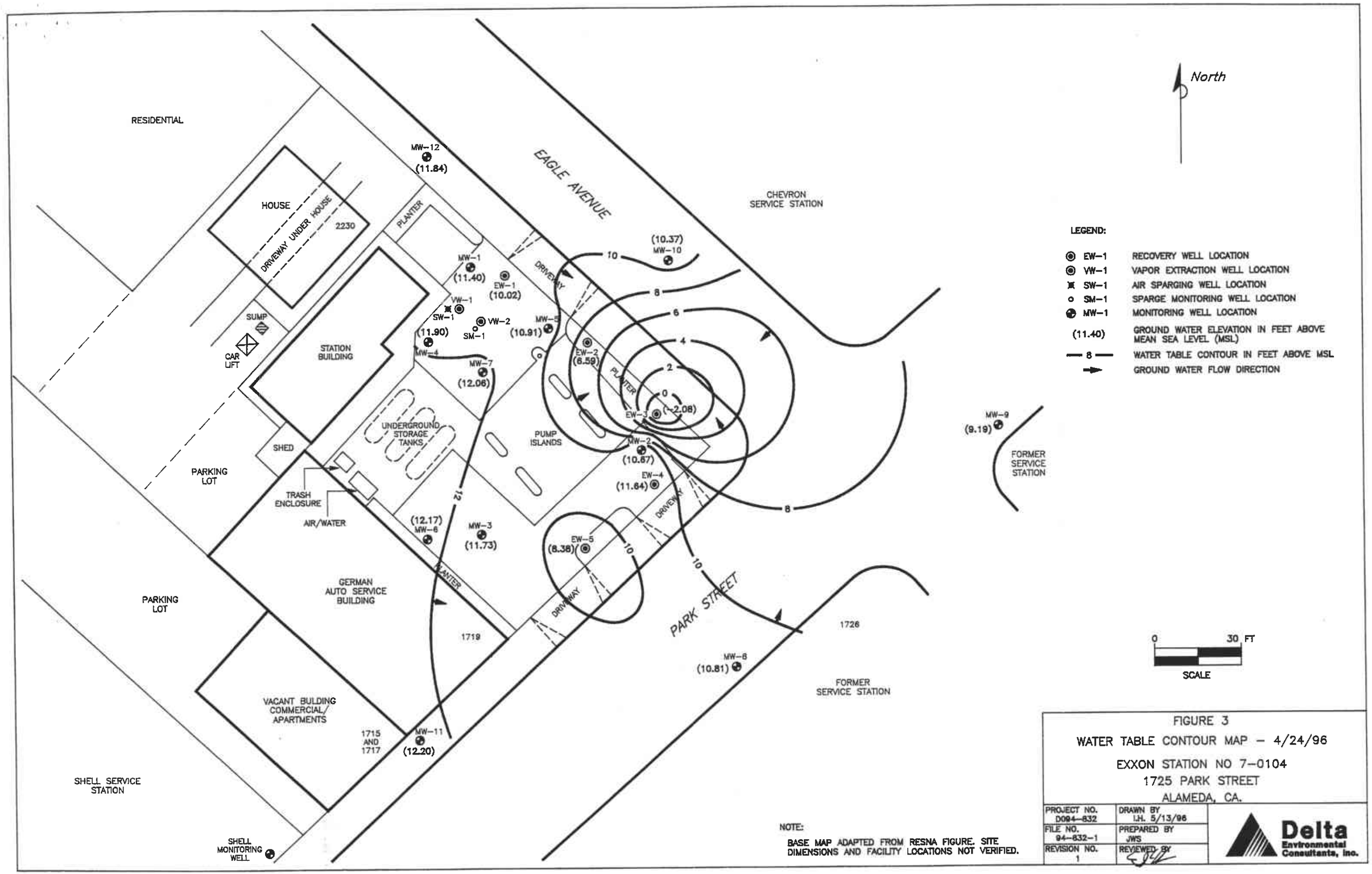
EXXON STATION NO 7-0104

1725 PARK STREET

ALAMEDA, CA.

PROJECT NO. 0094-832	DRAWN BY L.H. 8/28/95
FILE NO. 94-832-1	PREPARED BY MAB
REVISION NO. 7	REVIEWED BY

Delta Environmental Consultants, Inc.



NOTE:

BASE MAP ADAPTED FROM RESNA FIGURE. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

FIGURE 3

WATER TABLE CONTOUR MAP – 4/24/96

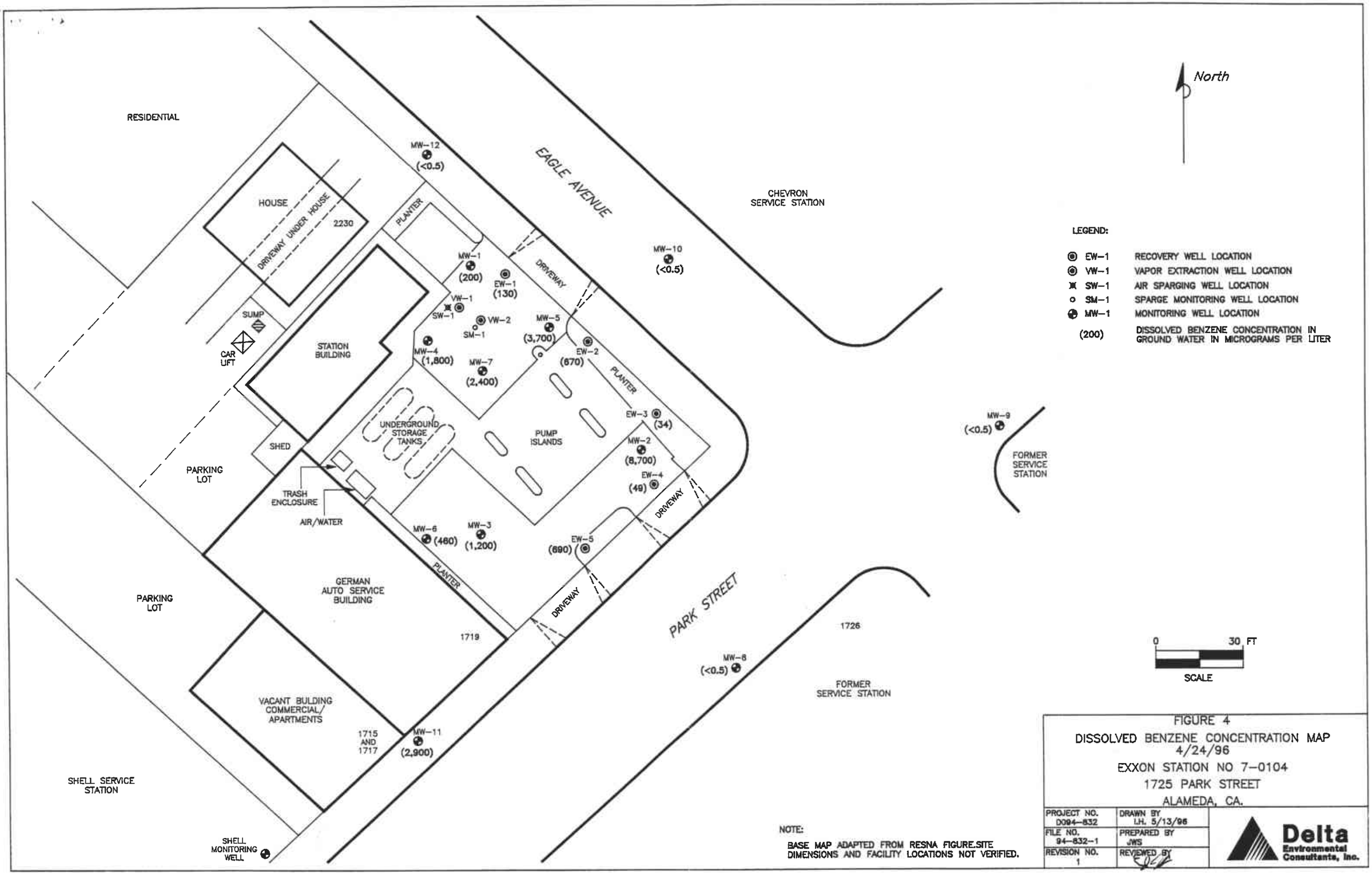
EXXON STATION NO 7-0104

1725 PARK STREET

ALAMEDA, CA.

PROJECT NO. D094-832	DRAWN BY I.H. 5/13/96
FILE NO. 94-832-1	PREPARED BY JWS
REVISION NO. 1	REVIEWED BY

Delta Environmental Consultants, Inc.



NOTE:

BASE MAP ADAPTED FROM RESNA FIGURE.SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

FIGURE 4

DISSOLVED BENZENE CONCENTRATION MAP
4/24/96

EXXON STATION NO 7-0104

1725 PARK STREET

ALAMEDA, CA.

PROJECT NO. D094-832	DRAWN BY I.H. 5/13/96
FILE NO. 94-832-1	PREPARED BY JWS
REVISION NO. 1	REVIEWED BY

Delta Environmental Consultants, Inc.

FIELD METHODS AND PROCEDURES

1.0 GROUND WATER AND LIQUID-PHASE HYDROCARBON DEPTH ASSESSMENT

A water/hydrocarbon interface probe was used to assess the liquid-phase hydrocarbon (LPH) thickness, if present, and a water level indicator was used to measure the 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 hydrocarbon sheen.

2.0 SUBJECTIVE ANALYSIS OF GROUND WATER

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

3.0 MONITORING WELL PURGING AND SAMPLING

Monitoring wells were purged using a centrifugal pump until three well volumes of water had been removed. Ground water removed from the wells was discharged to the sanitary sewer after treatment through the ground water remediation system located at the subject site. After purging, ground water levels were allowed to stabilize. A ground water sample was then removed from each of the wells using a disposable bailer. If the well was purged dry, it was allowed to sufficiently recharge and a sample was collected. Samples were collected in air-tight vials, appropriately labeled, and stored on ice from the time of collection through the time of delivery to the laboratory. A chain-of-custody form was completed to ensure sample integrity. Ground water samples were transported to the laboratory and analyzed within the EPA-specified holding times for the requested analyses.

ENCLOSURE B

Historical Ground Water Level Data and Analytical Results
(June 7, 1988 through February 25, 1994)

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	B	T	E	X
		<	feet	>	<	parts per billion	....		>
MW-1 (17.35)	06/07/88	NM	NM	—	27,000	5,300	77	1,100	2,700
	06/10/88#	NLPH	6.35	11.00					
	01/17/89	NLPH	5.31	11.54	5,300	2,000	91	300	1,500
	01/24/89#	NLPH	5.16	12.19					
	06/01/89	sheen	6.27	11.08	1,700	170	6.3	13	230
	09/18/89	NLPH	7.11	10.24	2,100	9.0	53	18	130
	10/20/89#	NLPH	7.28	10.07					
	11/22/89#	NLPH	7.02	10.33					
	12/11/89	NLPH	6.60	10.75	5,300	200	42	290	330
	02/13/90#	NLPH	6.02	11.33					
	03/07/90a#	NM	NM	—					
	03/13/90	NLPH	5.91	11.44	2,300	430	14	16	220
	04/18/90#	NLPH	6.18	11.17					
	05/23/90#	NLPH	6.29	11.06					
	06/14/90	NLPH	6.19	11.23	32,000	1,400	19	<5	120
	08/21/90#	NLPH	7.03	10.32					
	09/19/90	NLPH	7.29	10.09	950	290	2.9	<0.5	27
	12/17/90	NLPH	6.75	10.60	2,100	550	13	350	110
	01/31/91#	NLPH	6.73	10.57					
	02/25/91#	NLPH	6.59	10.75					
	03/19/91	NLPH	5.35	11.50	1,400	300	45	330	150
	04/22/91#	sheen	5.72	11.63					
	05/17/91#	NLPH	6.00	11.35					
	07/24/91	NLPH	6.79	10.56	8,700	1,300	670	950	2,100
	09/10/91#	NLPH	7.25	10.10					
	09/23/91#	NLPH	7.33	10.02					
	10/21/91#	NLPH	7.33	9.32					
	10/22/91	NM	NM	—	540	220	1.3	110	7.3
	11/18/91#	NLPH	7.13	10.22					
	12/11/91#	NLPH	7.25	10.10					
	01/21/92	NLPH	6.54	10.31	1,300	650	23	300	54
	02/20/92#	NLPH	4.82	12.53					
	03/19/92#	NLPH	5.24	12.11					
	04/24/92	NLPH	5.71	11.54	4,300	1,500	78	680	250
	05/13/92#	NLPH	5.99	11.36					
	06/24/92#	NLPH	6.65	10.70					
	07/16/92	NLPH	6.72	10.53	3,400	1,000	11	550	100
	08/19/92#	NLPH	7.07	10.28					
	09/24/92	NLPH	7.36	9.99	3,700	1,200	21	330	<10
	02/05/93	NLPH	5.21	12.14	11,000	2,400	160	1,400	790
	04/30/93	NLPH	5.38	11.47	6,500	330	320	540	1,300
	05/14/93#	NLPH	7.22	10.13					

See notes on page 11 of 11.

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	B	T	E	X
		<	feet	>	<	parts per billion	....	....	>
MW-1 cont. (17.35)	07/15/93	NLPH	8.01	9.34	7,300	270	52	1,100	1,000
	10/21/93#	NM	7.33	9.52					
	11/16/93	NLPH	8.59	8.36	340	18	1.4	72	17
	11/30/93#	NM	8.38	8.59					
	12/17/93#	NM	7.42	9.93					
	01/31/93#	NM	6.37	10.98					
	02/24-25/94	NLPH	6.23	10.34	310	15	9.0	98	58
MW-2 (16.57)	06/07/88	—	—	—	110,000	12,000	12,000	2,100	12,000
	06/10/88#	NLPH	6.20	10.47					
	01/17/89	NLPH	5.36	10.71	30,000	6,500	3,300	1,500	7,700
	01/24/89#	NLPH	5.04	11.33					
	06/01/89	sheen	6.32	10.25	3,700	330	230	680	1,200
	09/13/89	NLPH	5.73	9.34	17,000	330	230	570	220
	10/20/89#	NLPH	6.37	9.20					
	11/22/89#	NLPH	6.30	9.37					
	12/11/89	NLPH	6.57	10.10	32,000	1,000	350	310	1,200
	02/13/90#	NLPH	6.12	10.55					
	03/13/90	NLPH	6.02	10.56	39,000	3,500	1,300	2,100	3,900
	04/18/90#	NLPH	6.35	10.22					
	05/23/90#	NLPH	6.29	10.39					
	06/14/90	NLPH	6.14	10.53	34,000	3,300	730	1,500	3,300
	08/27/90#	NLPH	6.70	9.37					
	09/19/90	NLPH	6.24	9.93	63,000	570	130	320	1,000
	12/17/90	NLPH	6.46	10.27	140,000	3,700	2,500	3,000	3,300
	01/31/91#	sheen	6.56	10.01					
	02/25/91#	NLPH	6.50	10.17					
	03/19/91	sheen	5.78	10.31	48,000	4,500	1,300	2,100	5,500
	04/22/91#	NLPH	5.78	10.39					
	05/17/91#	NLPH	6.01	10.56					
	07/24/91	NLPH	6.43	10.24	49,000	3,500	2,200	2,000	6,400
	09/10/91#	NLPH	6.31	9.36					
	09/23/91#	NLPH	6.32	9.35					
	10/21/91#	NLPH	7.01	9.56					
	10/22/91	—	—	—	34,000	3,700	1,100	1,900	5,200
	11/13/91#	NLPH	6.66	10.01					
	12/11/91#	NLPH	6.35	9.32					
	01/27/92	NLPH	6.22	10.45	21,000	4,300	1,300	1,700	5,100
	02/20/92#	NLPH	6.29	11.39					
	03/19/92#	NLPH	5.34	11.33					
	04/24/92	sheen	5.75	10.92	36,000	5,000	970	2,300	5,200
	05/13/92#	NLPH	5.35	10.72					

See notes on page 11 of 11.

TABLE 1

CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Exxon Service Station No. 7-3104

1725 Park Street

Alameda, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	B	T	E	X
		<	feet	>	<	parts per billion	....	....	>
MW-2 cont. (16.57)	06/24/92#	NLPH	6.39	10.22	42,000	3,500	490	1,300	3,700
	07/16/92	sheen	6.50	10.17					
	08/19/92#	NLPH	6.59	9.98	25,000	3,300	670	1,700	3,200
	09/24/92	sheen	6.74	9.93					
	02/05/93#	0.01	5.58	11.10	230,000	11,000	6,500	5,500	160,000
	04/30/93	sheen	5.78	10.39					
	05/14/93#	NA	NA	—					
	07/15/93#	0.01	7.39	9.79					
	10/21/93#	NM	7.24	9.43					
	11/16/93#	0.02	8.37	8.22					
	11/30/93#	NM	7.93	8.74					
	12/17/93#	NM	7.74	8.93					
	01/31/94#	NM	6.32	10.35	51,000	11,000	1,700	2,700	5,500
	02/24-25/94	NLPH	6.93	9.74					
MW-3 (17.11)	06/07/88	NM	NM	—	23,000	6,000	30	940	1,300
	06/10/88#	NLPH	6.05	11.06	5,200	2,500	230	590	1,100
	01/17/89	NLPH	5.49	11.32					
	01/24/89#	NLPH	5.38	11.73	5,400	330	300	570	580
	06/01/89	NLPH	5.96	11.15	12,000	580	170	350	360
	09/13/89	NLPH	6.55	10.46					
	10/20/89#	NLPH	6.38	10.23					
	11/22/89#	NLPH	6.74	10.37	14,000	1,100	150	670	590
	12/11/89	NLPH	6.37	10.74					
	02/13/90#	NLPH	5.58	11.53	18,000	6,300	200	1,100	1,100
	03/13/90	NLPH	5.48	11.53					
	04/18/90#	NLPH	6.01	11.10					
	05/23/90#	NLPH	6.14	10.97	9,500	1,300	380	310	1,300
	06/14/90	NLPH	5.83	11.28					
	08/21/90#	NLPH	6.67	10.44	16,000	5,000	65	1,500	450
	09/19/90	NLPH	6.38	10.23	5,700	1,500	64	650	460
	12/17/90	NLPH	6.46	10.65					
	01/31/91#	NLPH	6.24	10.87					
	02/25/91#	NLPH	6.18	10.93	13,000	4,200	2,100	1,100	1,200
	03/19/91	NLPH	5.35	11.76					
	04/22/91#	NLPH	5.72	11.39					
	05/17/91#	NLPH	5.55	11.56	38,000	6,200	990	2,900	9,300
	07/24/91	NLPH	6.41	10.70					
	09/10/91#	NLPH	6.30	10.31					
	09/23/91#	NLPH	6.30	10.31					
	10/21/91#	NLPH	7.09	10.02	23,000	3,400	150	2,500	4,400
	10/22/91	NM	NM	—					

See notes on page 11 of 11.

TABLE 1

CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Exxon Service Station No. 7-0104

1725 Park Street

Alameda, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	B	T	E	X
		< feet >			< parts per billion >				
MW-3 cont. (17.11)	11/18/91#	NLPH	6.74	10.37					
	12/11/91#	NLPH	6.79	10.32	13,000	2,700	30	1,300	740
	01/21/92	NLPH	6.16	10.95					
	02/20/92#	NLPH	4.39	12.72					
	03/19/92#	NLPH	4.39	12.72	17,000	4,200	170	1,600	600
	04/24/92	NLPH	5.23	11.88					
	05/13/92#	NLPH	5.58	11.53					
	06/24/92#	NLPH	6.22	10.89	11,000	2,700	230	1,100	570
	07/16/92	NLPH	6.36	10.75					
	08/19/92#	NLPH	6.85	10.46	7,100	2,000	44	1,000	220
	09/24/92	NLPH	6.93	10.18	13,000	3,500	110	1,300	430
	02/05/93	NLPH	4.71	12.40	13,000	1,600	370	1,600	1,300
	04/30/93	NLPH	5.46	11.65					
	05/14/93#	NLPH	6.53	10.58	2,100	310	15	230	58
	07/15/93	NLPH	7.28	9.83					
	10/21/93#	NM	7.42	9.69	4,000	400	400	120	490
	11/16/93	NLPH	8.02	9.09	—	—	—	—	—
	11/30/93	—	7.79	9.32					
	12/17/93#	NM	7.13	9.98					
	01/31/94#	NM	8.32	10.79	3,300	230	61	150	400
	02/24-25/94	NLPH	8.04	11.07					
MW-4 (17.34)	01/17/89	NLPH	5.36	11.38	18,000	1,000	1,300	360	2,000
	01/24/89#	NLPH	5.46	11.38					
	06/01/89	NLPH	6.01	11.33	3,300	130	240	83	310
	09/13/89	NLPH	6.30	10.54	5,000	230	200	33	510
	10/20/89#	NLPH	7.03	10.25					
	11/22/89#	NLPH	6.32	10.32					
	12/11/89	NLPH	6.37	10.97	13,000	750	910	510	1,200
	02/13/90#	NLPH	5.49	11.35					
	03/07/90a#	NM	NM	—					
	03/13/90	NLPH	5.44	11.30	12,000	1,500	1500	470	28,000
	04/18/90#	NLPH	6.14	11.20					
	05/23/90#	NLPH	6.27	11.12					
	06/14/90	NLPH	5.32	11.42	12,000	5,700	400	1,300	780
	08/21/90#	NLPH	6.33	10.51					
	09/19/90	NLPH	7.07	10.27	5,300	670	130	390	1,000
	12/17/90	NLPH	6.50	10.34	14,000	1,400	620	540	2,100
	01/31/91#	NLPH	6.56	10.58					
	02/25/91#	NLPH	6.27	11.13					
	03/19/91	NLPH	5.23	12.05	11,000	1,500	740	620	2,100
	04/22/91#	NLPH	5.25	12.08					

See notes on page 11 of 11.

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	B	T	E	X
		<	feet	>	<	parts per billion		....	>
MW-4 cont. (17.34)	05/17/91#	NLPH	5.60	11.74					
	07/24/91	NLPH	6.54	10.30	10,000	1,200	440	470	1,200
	09/10/91#	NLPH	7.04	10.30					
	09/23/91#	NLPH	7.14	10.20					
	10/21/91#	sheen	7.30	10.04					
	10/22/91	—	—	—	4,600	750	190	350	780
	11/18/91#	NLPH	6.90	10.44					
	12/11/91#	NLPH	7.01	10.33					
	01/21/92	NLPH	6.25	11.09	6,000	1,300	320	510	1,200
	02/20/92#	NLPH	4.79	12.55					
	03/19/92#	NLPH	4.70	12.64					
	04/24/92	sheen	5.25	12.09	11,000	1,700	630	710	1,500
	05/13/92#	sheen	5.62	11.72					
	06/24/92#	sheen	6.19	11.15					
	07/16/92	sheen	6.51	10.83	5,400	870	240	440	700
	08/19/92#	NLPH	6.85	10.49					
	09/24/92	NLPH	7.17	10.17	5,300	1,300	100	530	680
	02/05/93	NLPH	4.61	12.73	15,000	2,300	320	980	2,200
	04/30/93	NLPH	5.59	11.75	21,000	4,000	960	1,500	2,300
	05/14/93#	NLPH	6.50	10.34					
	07/15/93	NLPH	7.50	9.34	2,300	440	35	130	220
	10/21/93#	NM	7.77	9.57					
	11/16/93	NLPH	8.27	9.07	5,100	320	160	250	780
	11/30/93	—	8.02	9.32	—	—	—	—	—
	12/17/93#	NM	7.04	10.30					
	01/31/94#	NM	6.36	10.98					
	02/24-25/94	NLPH	5.78	11.56	9,300	2,200	190	660	1,200
MW-5 (16.71)	01/17/89	NLPH	5.39	11.32	25,000	8,700	3,300	990	5,300
	01/24/89#	NLPH	5.51	11.20					
	06/01/89	sheen	6.33	10.38	5,200	240	220	130	690
	09/18/89	NLPH	6.52	10.19	3,000	340	150	140	460
	10/20/89#	NLPH	6.72	9.99					
	11/22/89#	NLPH	6.54	10.17					
	12/11/89	NLPH	6.21	10.50	15,000	720	320	450	370
	02/13/90#	NLPH	5.60	11.11					
	03/07/90#	NM	NM	—					
	03/13/90	NLPH	5.54	11.17	10,000	3,400	220	230	800
	04/18/90#	NLPH	5.75	10.96					
	05/23/90#	NLPH	5.98	10.73					
	06/14/90	NLPH	6.31	10.30	12,000	3,300	160	350	730
	08/27/90#	NLPH	6.51	10.20					

See notes on page 11 of 11.

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	B	T	E	X
		<	feet	>	<	parts per billion	....		>
MW-5 cont. (16.71)	09/19/90	NLPH	6.70	10.01	3,500	1,300	35	120	450
	12/17/90	sheen	6.24	10.47	18,000	2,300	310	450	1,400
	01/31/91#	NLPH	6.31	10.40					
	02/25/91#	NLPH	6.13	10.58					
	03/19/91	NLPH	5.32	11.39	17,000	2,300	510	580	1,200
	04/22/91#	sheen	5.30	11.41					
	05/17/91#	NLPH	5.59	11.12					
	07/24/91	NLPH	6.33	10.38	16,000	3,200	320	690	1,100
	09/10/91#	NLPH	6.66	10.05					
	09/23/91#	NLPH	6.75	9.96					
	10/21/91#	sheen	6.92	9.79					
	10/22/91	NM	NM	—	8,300	2,000	54	320	480
	11/18/91#	NLPH	6.55	10.16					
	12/11/91#	NLPH	6.64	10.07					
	01/21/92	sheen	6.07	10.64	14,000	4,000	190	620	1,200
	02/20/92#	NLPH	4.33	11.38					
	03/19/92#	sheen	4.33	11.38					
	04/24/92	sheen	5.32	11.39	12,000	2,500	120	620	530
	05/13/92#	sheen	5.61	11.10					
	06/24/92#	NLPH	6.17	10.54					
	07/16/92	sheen	6.25	10.46	20,000	4,000	48	330	720
	08/19/92#	sheen	6.53	10.18					
	09/24/92	sheen	6.80	9.91	9,300	2,200	31	330	250
	02/05/93b#	NLPH	4.70	12.01					
	04/30/93	sheen	5.43	11.28	30,000	5,300	450	1,900	1,500
	05/14/93#	NLPH	7.31	9.40					
	07/15/93#	0.07	7.33	9.34					
	10/21/93#	NM	7.25	9.46					
	11/15/93#	0.04	8.42	8.32					
	11/30/93#	—	8.10	8.61					
	12/17/93#	NM	7.43	9.28					
	01/31/94#	NM	5.95	10.76					
	02/24-25/94#	sheen	6.23	10.48					
MW-6 (17.56)	01/17/89	NLPH	5.59	11.97	38,000	7,400	8,300	2,000	9,900
	01/24/89#	NLPH	5.27	12.29					
	06/01/89	sheen	6.25	11.31	23,000	1,300	2,500	2,000	6,000
	09/13/89	NLPH	6.95	10.61	17,000	650	410	550	320
	10/20/89#	NLPH	7.24	10.32					
	11/22/89#	NLPH	7.05	10.51					
	12/11/89	NLPH	6.63	10.93	29,000	1,100	310	330	1,500
	02/13/90#	NLPH	5.70	11.86					

See notes on page 11 of 11.

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	B	T	E	X
		<	feet	>	<	parts per billion	....		>
MW-6 cont.	03/07/90#	NM	NM	—	38,000	12,000	15,000	2,500	12,000
(17.56)	03/13/90	NLPH	5.63	11.93					
	04/18/90#	NLPH	6.26	11.30					
	05/23/90#	NLPH	6.42	11.14	38,000	9,100	7,300	2,300	12,000
	06/14/90	NLPH	6.19	11.37					
	08/21/90#	NLPH	7.01	10.55	22,000	4,200	300	1,400	3,400
	09/19/90	NLPH	7.23	10.33	20,000	3,100	4,100	390	2,700
	12/17/90	NLPH	6.36	10.30					
	01/31/91#	NLPH	6.39	11.17					
	02/25/91#	NLPH	6.39	11.17	180,000	11,000	55,000	5,600	23,000
	03/19/91	NLPH	5.57	11.99					
	04/22/91#	NLPH	5.42	12.14					
	05/17/91#	NLPH	5.73	11.83	48,000	5,400	2,300	2,000	9,000
	07/24/91	NLPH	6.72	10.84					
	09/10/91#	NLPH	7.15	10.41					
	09/23/91#	NLPH	7.25	10.31					
	10/21/91#	NLPH	7.42	10.14	18,000	3,100	700	1,400	2,900
	10/22/91	NM	NM	—					
	11/18/91#	NLPH	7.08	10.48					
	12/11/91#	NLPH	7.17	10.39	9,400	2,100	370	1,000	1,100
	01/21/92	NLPH	6.40	11.16					
	02/20/92#	NLPH	5.06	12.50					
	03/19/92#	NLPH	4.86	12.70	42,000	3,500	3,000	2,100	3,000
	04/24/92	NLPH	5.44	12.12					
	05/13/92#	NLPH	5.83	11.73					
	06/24/92#	NLPH	6.50	11.06	14,000	1,500	1,000	1,000	2,500
	07/16/92	NLPH	6.58	10.33					
	08/19/92#	NLPH	7.20	10.36	4,700	790	97	640	540
	09/24/92	NLPH	7.28	10.28	25,000	2,500	4,300	1,700	6,300
	02/05/93	NLPH	4.84	12.72	9,500	1,200	470	1,100	1,500
	04/30/93	NLPH	6.19	11.37					
	05/14/93#	NLPH	6.52	11.04	4,500	250	72	540	650
	07/15/93	NLPH	7.51	10.05					
	10/21/93#	NM	7.85	9.71	410	41	12	47	77
	11/16/93	NLPH	8.29	9.27					
	11/30/93#	NM	8.08	9.48					
	12/17/93#	NM	7.27	10.29					
	01/31/94#	NM	6.62	10.94	4,300	190	190	300	460
	02/24-25/94	NLPH	6.23	11.33					

See notes on page 11 of 11.

TABLE 1

CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Exxon Service Station No. 7-0104

1725 Park Street

Alameda, California

Well ID # (TOC)	Sampling Date	SUBJ	GTW	Elev.	TPHg	B	T	E	X
		< feet >			< parts per billion >				
MW-7 (17.12)	01/09/90	NM	NM	—	17,000	330	130	330	1,300
	02/13/90#	NLPH	4.38	12.74					
	03/13/90	NLPH	4.34	12.78	16,000	360	270	33	460
	05/22/90#	NLPH	5.37	11.75					
	06/14/90	NLPH	5.55	11.57	14,000	1,200	2,300	75	930
	09/19/90	NLPH	6.79	10.33	16,000	2,300	95	2,500	1,700
	12/17/90	NLPH	6.15	10.97	75,000	2,300	7,000	3,300	14,000
	01/31/91#	NLPH	5.64	10.48					
	02/25/91#	NLPH	5.30	11.32	44,000	1,300	740	3,400	3,300
	03/19/91	NLPH	4.96	12.16					
	04/22/91#	NLPH	4.32	12.80					
	05/17/91#	NLPH	5.18	11.94	18,000	1,200	160	2,700	1,000
	07/24/91	NLPH	5.22	10.90					
	09/10/91#	NLPH	5.71	10.47					
	09/23/91#	NLPH	5.54	10.29					
	10/21/91#	NLPH	7.00	10.13	10,000	990	25	1,300	490
	10/22/91	—	—	—					
	11/18/91#	NLPH	5.56	10.56					
	12/11/91#	NLPH	5.52	10.44	23,000	2,200	3,000	1,300	5,100
	01/21/92	NLPH	5.39	11.13					
	02/20/92#	NLPH	4.36	12.76					
	03/19/92#	NLPH	4.42	12.30	25,000	1,400	220	2,100	2,300
	04/24/92	NLPH	4.34	12.38					
	05/13/92#	NLPH	5.24	11.38					
	06/24/92#	NLPH	6.04	11.08	8,700	470	45	870	36
	07/16/92	NLPH	6.19	10.93					
	08/19/92#	NLPH	6.55	10.57	9,200	560	48	1,300	54
	09/24/92	NLPH	6.33	10.79	33,000	1,100	2,300	1,200	4,200
	02/05/93	NLPH	4.11	13.01	13,000	240	85	710	320
	04/30/93b	NLPH	5.29	11.83					
	05/14/93#	NLPH	5.31	11.27	6,900	200	30	500	48
	07/15/93	NLPH	7.07	10.05					
	10/21/93#	NM	7.55	9.57	7,400	300	35	480	120
	11/16/93	NLPH	7.35	9.77					
	11/30/93#	NM	7.56	9.46					
	12/17/93#	NM	6.75	10.37					
	01/31/94#	NM	6.22	10.90	7,200	470	120	400	330
	02/24-25/94	NLPH	5.52	11.60					

See notes on page 11 of 11.

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHG	B	T	E	X
		< feet >			< parts per billion >				
MW-8 (16.33)	05/14/93	NL*H	6.54	9.79	<50	<0.5	<1.0	<0.5	<0.5
	07/15/93	NL*H	6.57	9.76	<50	<0.5	<0.5	<0.5	<0.5
	10/21/93#	NM	6.33	9.50					
	11/16/93	NL*H	7.15	9.18	<50	<0.5	<0.5	<0.5	<0.5
	11/30/93	—	6.94	9.39	—	—	—	—	—
	12/17/93#	NM	6.48	9.85					
	01/31/94#	NM	6.13	10.20					
	02/24-25/94	NL*H	6.30	10.53	<50	<0.5	<0.5	<0.5	<0.5
MW-9 (15.52)	05/14/93	NL*H	6.51	9.01	<50	<0.5	<1.0	<0.5	<0.5
	07/15/93	NL*H	6.79	8.83	<50	<0.5	<0.5	<0.5	<0.5
	10/21/93#	NM	6.57	8.65					
	11/16/93	NL*H	7.12	8.50	<50	<0.5	<0.5	<0.5	<0.5
	11/30/93	—	6.98	8.64	—	—	—	—	—
	12/17/93#	NM	6.78	8.87					
	01/31/94#	NM	6.71	8.91					
	02/24-25/94	NL*H	6.45	9.17	<50	<0.5	<0.5	<0.5	<0.5
MW-10 (16.79)	05/14/93	NL*H	6.81	9.98	97	<0.5	<0.5	9.8	22
	07/15/93	NL*H	7.47	9.32	160	<0.5	<0.5	15	19
	10/21/93#	NM	7.57	9.22					
	11/16/93	NL*H	8.17	8.62	<50	<0.5	<0.5	<0.5	<0.5
	11/30/93	—	7.96	8.83	—	—	—	—	—
	12/17/93#	NM	7.25	9.54					
	01/31/94#	NM	6.66	10.13					
	02/24-25/94	NL*H	6.53	10.25	230	<0.5	<0.5	12	7.
EW-1 (16.22)	10/21/93#	NM	6.87	9.35					
	12/17/93#	NM	10.09	6.13					
	01/31/94#	NM	6.38	10.34					
	02/24-25/94	NL*H	6.38	10.34	1,000	140	4.3	15	120
EW-2 (16.05)	10/21/93#	NM	6.71	9.34					
	12/17/93#	NM	14.95	1.10					
	01/31/94#	NM	6.35	10.70					
	02/24-25/94	LPH	14.30	1.75	5,200	1,200	390	63	470
EW-3 (16.02)	10/21/93#	NM	6.55	9.47					
	12/17/93#	NM	15.65	0.37					
	01/31/94#	NM	6.34	10.68					
	02/24-25/94	NL*H	21.00	-4.98	91	<0.5	<0.5	<0.5	<0

See notes on page 11 of 11.

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	B	T	E	X
		< .... feet ...... >			< .... parts per billion .... >				
EW-4 (15.31)	10/21/93#	NM	5.13	9.48					
	12/17/93#	NM	14.30	1.01					
	01/31/94#	NM	5.08	10.53					
	02/24-25/94	LPH	14.38	0.73	4,600	1,900	140	13	450
EW-5 (15.51)	10/21/93#	NM	5.77	9.74					
	12/17/93#	NM	14.20	2.31					
	01/31/94#	NM	5.54	10.37					
	02/24-25/94	NLPH	11.35	4.56	1,200	140	45	3.4	190
Field Blanks	12/11/89	—	—	—	<50	0.38	0.95	0.52	1.7
	12/17/90	—	—	—	<50	<0.5	<0.5	<0.5	<0.5
	03/19/91	—	—	—	<50	<0.5	<0.5	<0.5	<0.5
	07/24/91	—	—	—	<50	<0.5	<0.5	<0.5	<0.5
	10/22/91	—	—	—	<50	<0.5	<0.5	<0.5	<0.5
	01/21/92	—	—	—	<50	<0.5	<0.5	<0.5	<0.5
	07/16/92	—	—	—	<50	<0.5	<0.5	<0.5	<0.5
Travel Blanks	06/14/90	—	—	—	<50	<0.5	<0.5	<0.5	<0.5
	09/19/90	—	—	—	<50	0.3	<0.5	0.5	1.0
	04/24/92	—	—	—	<50	<0.5	<0.5	<0.5	<0.5
	09/24/92	—	—	—	230	<0.5	<0.5	<0.5	<0.5
	Maximum Contaminant Levels (MCLs) (DHS)				—	1.0	—	680	1,750
	Drinking Water Action Level (DWAL) (DHS)				—	—	100	—	—

See notes on page 11 of 11.

TABLE 1

CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Exxon Service Station No. 7-0104

1725 Park Street

Alameda, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	B	T	E	X
		<	feet	>	<	parts per billion	....		>

Notes:

TOC	= Elevation of top of well casing; datum is mean sea level, revised February 10, 1994.
SUBJ	= Results of subjective evaluation, liquid-phase product thickness (PT) in feet
DTW	= Depth to water
Elev.	= Elevation of groundwater; datum is mean sea level; adjusted for free-phase petroleum hydrocarbons when present using the equation: Elev. = TOC - [DTW + (PT * 0.8)] where PT is the product thickness
TPHg	= Total petroleum hydrocarbons as gasoline analyzed using EPA method 5030/8015
BTEX	= Benzene, Toluene, Ethylbenzene, and total Xylenes analyzed using EPA method 5030/8020
NM	= Not Monitored
NLPH	= No liquid-phase petroleum hydrocarbons present in well
LPH	= Liquid-phase petroluem hydrocarbons present in well, thickness not measured, or not measurable.
NA	= Well not accessible on this date
<	= Less than the indicated detection limit shown by the laboratory
—	= Not applicable
#	= Well not sampled on this date
a	= 03/07/90 sampling: Total Dissolved Solids were detected in samples from MW-1 and MW-4 at 910 parts-per-million (ppm) and 370 ppm, respectively.
b	= a peak eluting before benzene was present in the groundwater samples from MW-5 and MW-7, and is suspected to be methyl-tert-butyl-ether (MTBE).

0311MGUELFIN\T0077.23

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	Client Project ID:	Exxon #7-0104, Alameda, CA	Sampled: Apr 24, 1996
3164 Gold Camp Dr., Suite 200	Sample Matrix:	Water	Received: Apr 29, 1996
Rancho Cordova, CA 95670	Analysis Method:	EPA 5030/8015/8020	Reported: May 7, 1996
Attention: Richard Munsch	First Sample #:	604-1220	

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 604-1220 EW-1	Sample I.D. 604-1221 EW-2	Sample I.D. 604-1222 EW-3	Sample I.D. 604-1223 EW-4	Sample I.D. 604-1224 EW-5	Sample I.D. 604-1225 MW-1
Purgeable Hydrocarbons	50	740	3,500	180	4,600	6,400	7,800
Benzene	0.50	130	670	34	49	690	200
Toluene	0.50	2.3	200	3.7	36	240	110
Ethyl Benzene	0.50	35	110	8.9	69	380	1,000
Total Xylenes	0.50	2.1	490	11	1,100	1,300	740
Chromatogram Pattern:		Weathered Gasoline C6-C12	Weathered Gasoline C6-C12	Weathered Gasoline C6-C12	Weathered Gasoline C6-C12	Gasoline C6-C12	Gasoline C6-C12

Quality Control Data

Report Limit Multiplication Factor:	4.0	20	1.0	20	20	20
Date Analyzed:	05/01/96	05/01/96	04/30/96	04/30/96	05/01/96	04/30/96
Instrument Identification:	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	95	78	117	102	107	107

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
Linda C. Schneider
Project Manager/Sacramento Laboratory

6041220.DLT <1>

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	Client Project ID:	Exxon #7-0104, Alameda, CA	Sampled: Apr 24, 1996
3164 Gold Camp Dr., Suite 200	Sample Matrix:	Water	Received: Apr 29, 1996
Rancho Cordova, CA 95670	Analysis Method:	EPA 5030/8015/8020	Reported: May 7, 1996
Attention: Richard Munsch	First Sample #:	604-1226	

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 604-1226 MW-2	Sample I.D. 604-1227 MW-3	Sample I.D. 604-1228 MW-4	Sample I.D. 604-1229 MW-5	Sample I.D. 604-1230 MW-6	Sample I.D. 604-1231 MW-7
Purgeable Hydrocarbons	50	34,000	11,000	5,000	13,000	15,000	9,000
Benzene	0.50	8,700	1,200	1,800	3,700	460	2,400
Toluene	0.50	410	130	N.D.	120	570	850
Ethyl Benzene	0.50	2,200	1,000	190	520	1,400	150
Total Xylenes	0.50	2,000	1,400	130	170	3,300	130
Chromatogram Pattern:		Gasoline C6-C12	Gasoline C6-C12	Weathered Gasoline C6-C12	Weathered Gasoline C6-C12	Gasoline C6-C12	Gasoline C6-C12

Quality Control Data

Report Limit Multiplication Factor:	200	20	40	100	40	50
Date Analyzed:	05/01/96	04/30/96	04/30/96	04/30/96	05/01/96	05/02/96
Instrument Identification:	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	82	101	113	86	79	87

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

6041220.DLT <2>

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: Richard Munsch

Client Project ID: Exxon #7-0104, Alameda, CA
Sample Matrix: Water
Analysis Method: EPA 5030/8015/8020
First Sample #: 604-1232

Sampled: Apr 24, 1996
Received: Apr 29, 1996
Reported: May 7, 1996

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 604-1232 MW-8	Sample I.D. 604-1233 MW-9	Sample I.D. 604-1234 MW-10	Sample I.D. 604-1235 MW-11	Sample I.D. 604-1236 MW-12
Purgeable Hydrocarbons	50	N.D.	N.D.	110	34,000	N.D.
Benzene	0.50	N.D.	N.D.	N.D.	2,900	N.D.
Toluene	0.50	N.D.	N.D.	N.D.	1,400	0.68
Ethyl Benzene	0.50	N.D.	N.D.	7.1	1,700	N.D.
Total Xylenes	0.50	N.D.	N.D.	N.D.	8,300	0.72
Chromatogram Pattern:		--	--	Weathered Gasoline C8-C12	Gasoline C6-C12	--

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	100	1.0
Date Analyzed:	05/01/96	05/01/96	05/01/96	05/01/96	05/01/96
Instrument Identification:	GCHP-1	GCHP-1	GCHP-1	GCHP-1	GCHP-1
Surrogate Recovery, %: (QC Limits = 70-130%)	71	80	88	93	78

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

6041220.DLT <3>

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	Client Project ID:	Exxon #7-0104, Alameda, CA	Sampled:	Apr 24, 1996
3164 Gold Camp Dr., Suite 200	Sample Matrix:	Water	Received:	Apr 29, 1996
Rancho Cordova, CA 95670	Analysis Method:	EPA 5030/8020 Modified	Reported:	May 7, 1996
Attention: Richard Munsch	First Sample #:	604-1220		

Methyl Tertiary Butyl Ether (MTBE)

Analyte	Reporting Limit µg/L	Sample I.D. 604-1220 EW-1	Sample I.D. 604-1221 EW-2	Sample I.D. 604-1222 EW-3	Sample I.D. 604-1223 EW-4	Sample I.D. 604-1224 EW-5	Sample I.D. 604-1225 MW-1
MTBE	5.0	3,000	7,300	3,800	860	400	250

Quality Control Data

Report Limit Multiplication Factor:	100	250	100	20	20	20
Date Analyzed:	05/01/96	05/01/96	05/01/96	04/30/96	05/01/96	04/30/96
Instrument Identification:	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Surrogate Recovery: (QC Limits = 70-130%)	99	93	91	102	107	107

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

SEQUOIA ANALYTICAL, ELAP #1624

Linda C. Schneider

Linda C. Schneider
Project Manager/Sacramento Laboratory

6041220.DLT <4>

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	Client Project ID:	Exxon #7-0104, Alameda, CA	Sampled: Apr 24, 1996
3164 Gold Camp Dr., Suite 200	Sample Matrix:	Water	Received: Apr 29, 1996
Rancho Cordova, CA 95670	Analysis Method:	EPA 5030/8020 Modified	Reported: May 7, 1996
Attention: Richard Munsch	First Sample #:	604-1226	

Methyl Tertiary Butyl Ether (MTBE)

Analyte	Reporting Limit µg/L	Sample I.D. 604-1226 MW-2	Sample I.D. 604-1227 MW-3	Sample I.D. 604-1228 MW-4	Sample I.D. 604-1229 MW-5	Sample I.D. 604-1230 MW-6	Sample I.D. 604-1231 MW-7
MTBE	5.0	22,000	N.D.	1,600	33,000	280	360,000

Quality Control Data

Report Limit Multiplication Factor:	1,000	20	40	1,000	50	10,000
Date Analyzed:	05/01/96	04/30/96	04/30/96	05/01/96	05/03/96	05/02/96
Instrument Identification:	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-1
Surrogate Recovery: (QC Limits = 70-130%)	100	101	113	89	103	91

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

Please Note:
Reporting limits raised due to matrix interference.

6041220.DLT <5>

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	Client Project ID: Exxon #7-0104, Alameda, CA	Sampled:	Apr 24, 1996
3164 Gold Camp Dr., Suite 200	Sample Matrix: Water	Received:	Apr 29, 1996
Rancho Cordova, CA 95670	Analysis Method: EPA 5030/8020 Modified	Reported:	May 7, 1996
Attention: Richard Munsch	First Sample #: 604-1232		

Methyl Tertiary Butyl Ether (MTBE)

Analyte	Reporting Limit µg/L	Sample I.D. 604-1232 MW-8	Sample I.D. 604-1233 MW-9	Sample I.D. 604-1234 MW-10	Sample I.D. 604-1235 MW-11	Sample I.D. 604-1236 MW-12
MTBE	5.0	N.D.	N.D.	6.8	720	N.D.

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	100	1.0
Date Analyzed:	05/01/96	05/01/96	05/01/96	05/01/96	05/01/96
Instrument Identification:	GCHP-1	GCHP-1	GCHP-1	GCHP-1	GCHP-1
Surrogate Recovery: (QC Limits = 70-130%)	71	80	88	93	78

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

SEQUOIA ANALYTICAL, ELAP #1624

Linda C. Schneider
Linda C. Schneider
Project Manager/Sacramento Laboratory

6041220.DLT <6>

MAY 10 '96 10:21 9163210100 SEQUOIA ANALYTICAL

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

Page 1 of 2

Consultant's Name: Delta Environmental Consultants		
Address: 3164 Gold Camp Dr. Rancho Cordova		Site Location: Alameda
Project #:	Consultant Project #: D004-832	Consultant Work Release #: 19932522
Project Contact: Richard Mench	Phone #: 638-2085	Laboratory Work Release #:
EXXON Contact: Marla Craensler	Phone #:	EXXON RAS #: 7-0109
Sampled by (print): Jay Stokes	Sampler's Signature:	
Shipment Method: Sequoia	Air Bill #:	

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

ANALYSIS REQUIRED

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	MTBE		Temperature: _____ Inbound Seal: Yes No Outbound Seal: Yes No
EW-1	4-24-96	1310	H2O	HCl	3	5604 1220	X			X		
EW-2		1315				1221						
EW-3		1320				1222						
EW-4		1325				1223						
EW-5		1330				1224						
MW-1		1145				1225						
MW-2		1220				1226						
MW-3		1130				1227						
MW-4		1150				1228						

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
Jay Stokes / Delta	4/29/96	0900	John Youell / Sequoia	4/29/96	0900	
John Youell / Sequoia	4/29/96	0940	Sindi Hanson Sequoia	4/29/96	0940	

Pink - Client
Yellow - Sequoia
White - Sequoia

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

Page 2 of 2

Consultant's Name: Delta Environmental Consultants		
Address: 3164 Gold Camp Dr. Rancho Cordova		Site Location: Alameda
Project #:	Consultant Project #: D099-832	Consultant Work Release #: A9325ZZ
Project Contact: Richard Munch	Phone #: 638-2085	Laboratory Work Release #:
EXXON Contact: Makia Ewenstein	Phone #:	EXXON RAS #: 7-0109
Sampled by (print): Jay Stoops	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	4-29-96	1215	H2O	HCl	3	5604-1229	X			X		
MW-6		1140				1230						
MW-7		1200				1231						
MW-8		0930				1232						
MW-9		0850				1233						
MW-10		000				1234						
MW-11		1030				1235						
MW-12		1015				1236						

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
Jay Stoops/Delta	4/29/96	0900	John Youell/Sequoia	4/29/96	0900	
John Youell/Sequoia	4/29/96	0940	Cindi Hanson/Sequoia	4/29/96	0940	

Pink - Client
Yellow - Sequoia
White - Sequoia

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

FAX TRANSMITTAL

TO:

Name: Richard Munsch

Company: Delta

FAX No.: 7

FROM:

Name: Linda Schneider
Sequoia Analytical / Sacramento

Date: May 9, 1996

Report No.: 604-1220

No. Of Pages (including this pg): 9

Original to follow in the mail: (yes) no

COMMENTS: Exxon 7-0104

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