EXXON COMPANY, U.S.A.

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MARKETING DEPARTMENT • ENVIRONMENTAL ENGINEERING

MARLA D. GUENSLER
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December 2, 1996

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

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

Dear Ms. Shin:

Attached for your review and comment is a report entitled ***Quarterly Ground Water Monitoring Report, Fourth 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 October 1996 ground water monitoring and sampling event.

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

Sincerely,

By: R.D. Hicks

Marla D. Guensler
Senior Engineer

MDG/jb

attachment: Delta Quarterly Reported dated December 2, 1996

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

w/o attachment:
Mr. Richard D. Munsch - Delta

Analytical Results

Ground water samples were collected from each of the wells on October 30, 1996, and submitted to Sequoia Analytical (a California-certified laboratory) for analyses of benzene, toluene, ethylbenzene, total xylenes (BTEX), methyl tertiary butyl ether (MTBE) by EPA Method 8020, and total purgeable petroleum hydrocarbons (TPPH) as gasoline by DHS LUFT (GC-FID) Method. 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 fourth quarter 1996 monitoring event reported that detectable concentrations of TPPH as gasoline ranged from 550 micrograms per liter (µg/L) in EW-4 to 53,000 µg/L (MW-11). Detectable concentrations of benzene ranged from 0.52 µg/L (EW-1) to 9,100 µg/L (MW-2). Detectable MTBE concentrations ranged from 5.6 µg/L (MW-10) to 110,000 µg/L (MW-5). Benzene was not detected above the laboratory detection limits in the ground water samples obtained from monitoring wells MW-8, MW-9, MW-10, and MW-12.

A dissolved benzene concentration map based on analytical results for ground water samples collected on October 30, 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 TPPH as gasoline by DHS LUFT (GC-FID) Method. 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 January 1997. 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.

William L. Brattain
Project Engineer

Richard D. Munsch
Project Manager

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

WLB (LRP003.832)
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
	07/26/96		7.60	9.75	No LPH or Sheen
	10/30/96		8.06	9.29	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
	07/26/96		7.14	9.53	No LPH or Sheen
	10/30/96		6.95	9.72	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
	07/26/96		6.80	10.31	No LPH or Sheen
	10/30/96		7.20	9.91	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
	07/26/96		7.03	10.31	No LPH or Sheen
	10/30/96		7.57	9.77	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-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
	07/26/96		7.67	9.04	No LPH or Sheen
	10/30/96		7.77	8.94	No LPH or Sheen
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
	07/26/96		6.97	10.59	No LPH or Sheen
	10/30/96		7.45	10.11	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
	07/26/96		6.62	10.50	No LPH or Sheen
	10/30/96		7.09	10.03	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
	07/26/96		6.27	10.06	No LPH or Sheen
	10/30/96		6.69	9.64	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
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
	07/26/96		6.80	8.82	No LPH or Sheen
	10/30/96		6.94	8.68	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
	07/26/96		7.47	9.32	No LPH or Sheen
	10/30/96		7.88	8.91	No LPH or Sheen
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
	07/26/96		6.98	11.06	No LPH or Sheen
	10/30/96		7.54	10.50	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
	07/26/96		5.90	10.40	No LPH or Sheen
	10/30/96		6.56	9.74	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
	07/26/96		13.93	2.29	No LPH or Sheen
	10/30/96		13.74	2.48	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-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
	07/26/96		16.50	-0.45	No LPH or Sheen
	10/30/96		20.30	-4.25	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
	07/26/96		13.14	2.88	No LPH or Sheen
	10/30/96		9.24	6.78	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
	07/26/96		6.54	10.07	No LPH or Sheen
	10/30/96		6.53	10.08	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
	07/26/96		10.00	6.51	No LPH or Sheen
	10/30/96		9.82	6.69	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 Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPPH[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
	07/26/96	8.0	0.99	26	1.0	620	23
	10/30/96	14	2.9	85	3.5	700	33
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
	07/26/96	10,000	<200	1,800	760	40,000	18,000
	10/30/96	9,100	<250	2,400	730	43,000	18,000
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
	07/26/96	800	16	24	56	2,500	250
	10/30/96	1,300	28	170	180	5,200	2,900
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
	07/26/96	1,700	<25	340	280	9,100	1,200
	10/30/96	1,100	35	420	300	5,300	1,500

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	TPPH[a] as gasoline	MTBE[b]
MW-5	09/12/94	2,300	17	320	230	10,000[f]	NA
	10/01/94	2,300	19	220	200	11,000[f]	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
	07/26/96	3,400	53	280	76	15,000	140,000
	10/30/96	2,600	76	260	150	10,000	110,000
MW-6	09/12/94	150	4.4	170	85	1,500[f]	NA
	10/01/94	120	<0.5	99	38	87[c]	NA
	01/13/95	710	220	780	1,100	9,900[f]	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
	07/26/96	270	660	1,600	5,500	27,000	1,300
	10/30/96	490	440	1,800	6,200	28,000	900
MW-7	09/12/94	490	50	280	70	6,000[f]	NA
	10/01/94	940	670	310	160	8,900[f]	NA
	01/13/95	590	780	970	4,200	20,000[f]	NA
	04/27/95	410	32	410	230	8,800	NA
	08/03/95	390	<50	290	<50[g]	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
	07/26/96	530	25	60	46	4,800	86,000
	10/30/96	180	9.8	58	38	3,400	28,000
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
	07/26/96	<0.5	<0.5	<0.5	<0.5	<50	230
	10/30/96	<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	TPPH[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
	07/26/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	10/30/96	<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
	07/26/96	<0.5	<0.5	12	0.86	140	<5.0
	10/30/96	<0.5	<0.5	<0.5	<0.5	<50	5.6
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
	07/26/96	4,600	4,200	950	9,500	39,000	800
	10/30/96	4,200	3,600	2,100	9,600	53,000	990
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
	07/26/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	10/30/96	<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	TPPH[a] as gasoline	MTBE[b]
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
	07/26/96	<0.5	<0.5	<0.5	<0.5	<50	960
	10/30/96	0.52	<0.5	<0.5	<0.5	<50	5,300
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
	07/26/96	250	56	10	220	1,400	14,000
	10/30/96	200	44	8.8	190	1,500	13,000
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
	07/26/96	45	0.70	<0.5	2.1	180	2,000
	10/30/96	60	8.2	<0.5	100	660	2,800
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
	07/26/96	610	6.2	200	300	2,900	15,000
	10/30/96	68	11	<2.5	71	550	3,400

TABLE 2-Continued

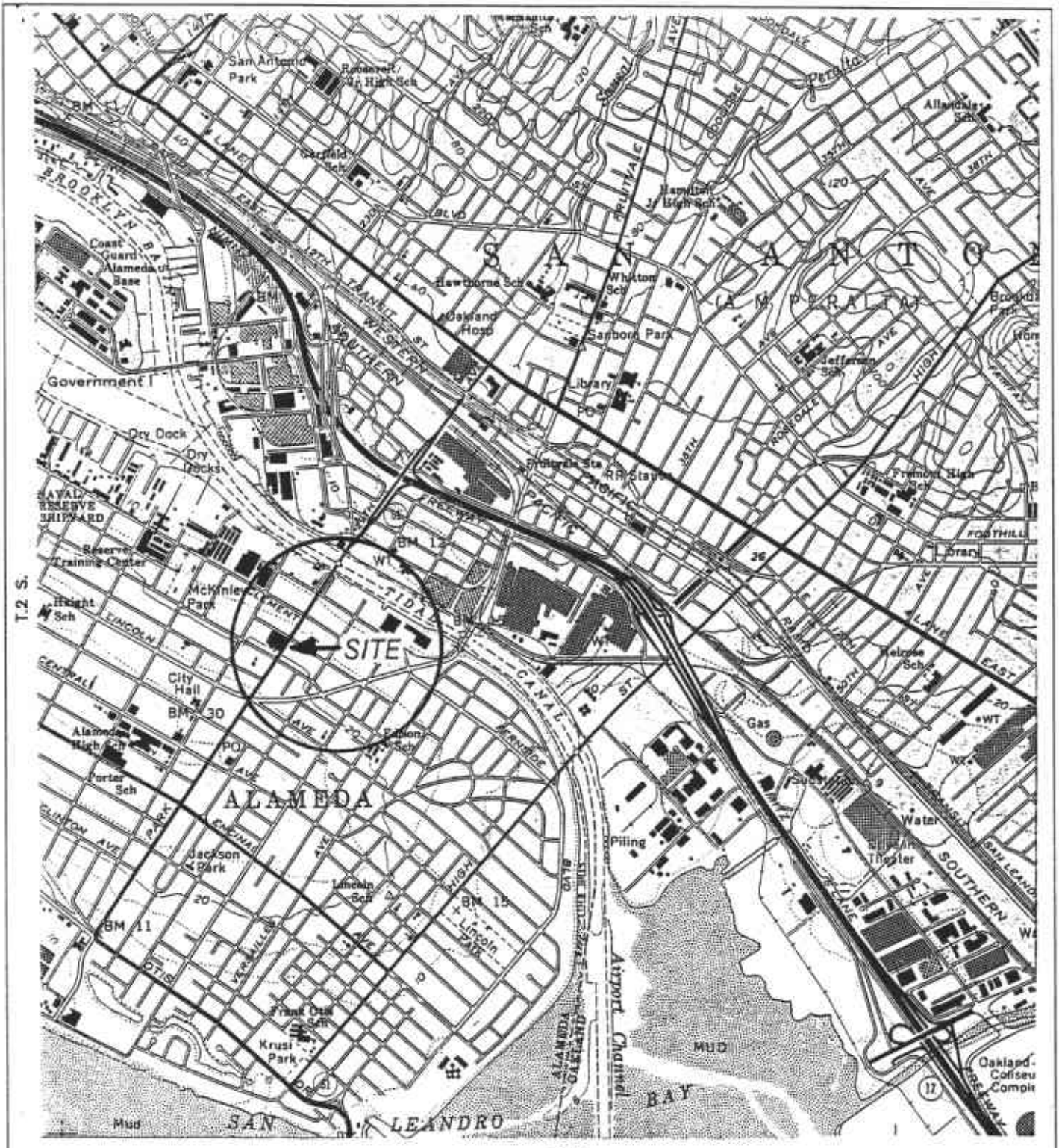
GROUND WATER SAMPLE RESULTS
Concentrations in micrograms per liter (μg/L)

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

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPPH[a] as gasoline	MTBE[b]
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
	07/26/96	82	2.5	2.4	100	850	84
	10/30/96	110	5.1	2.2	120	1,200	68

[a] Total purgeable petroleum hydrocarbons by DHS LUFT (GC-FID) method or 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.

NOTE: Elevated detection limit quantified by multiplying laboratory reporting limits by Report Limit Multiplication Factor.

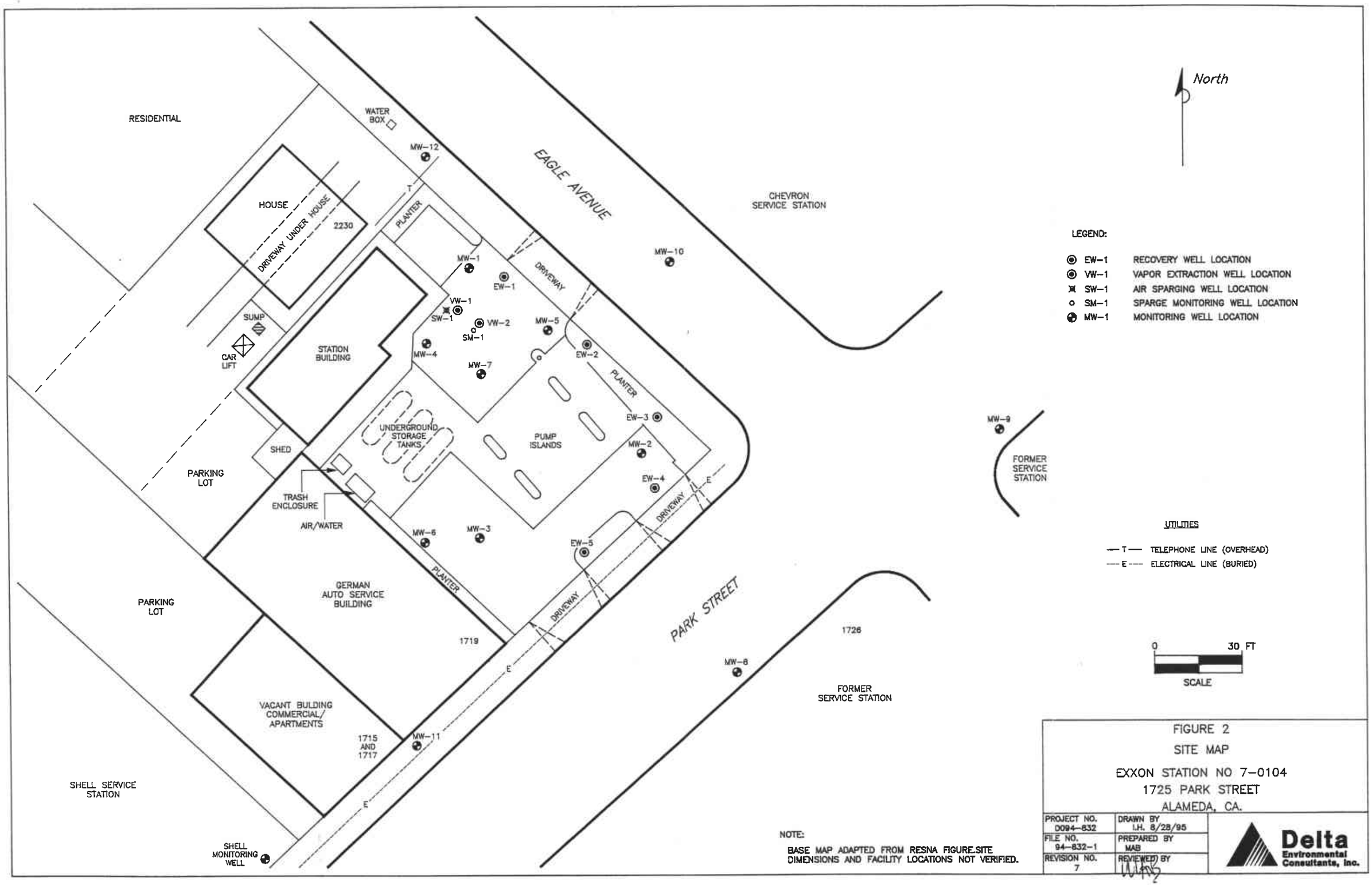


GENERAL NOTES:
BASE MAP FROM U.S.G.S.
OAKLAND EAST, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1980

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

PROJECT NO. 0094-832	DRAWN BY I.H. 9/27/94
FILE NO. —	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY 10/5/94

Delta Environmental Consultants, Inc.



NOTE:

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

FIGURE 2

SITE MAP

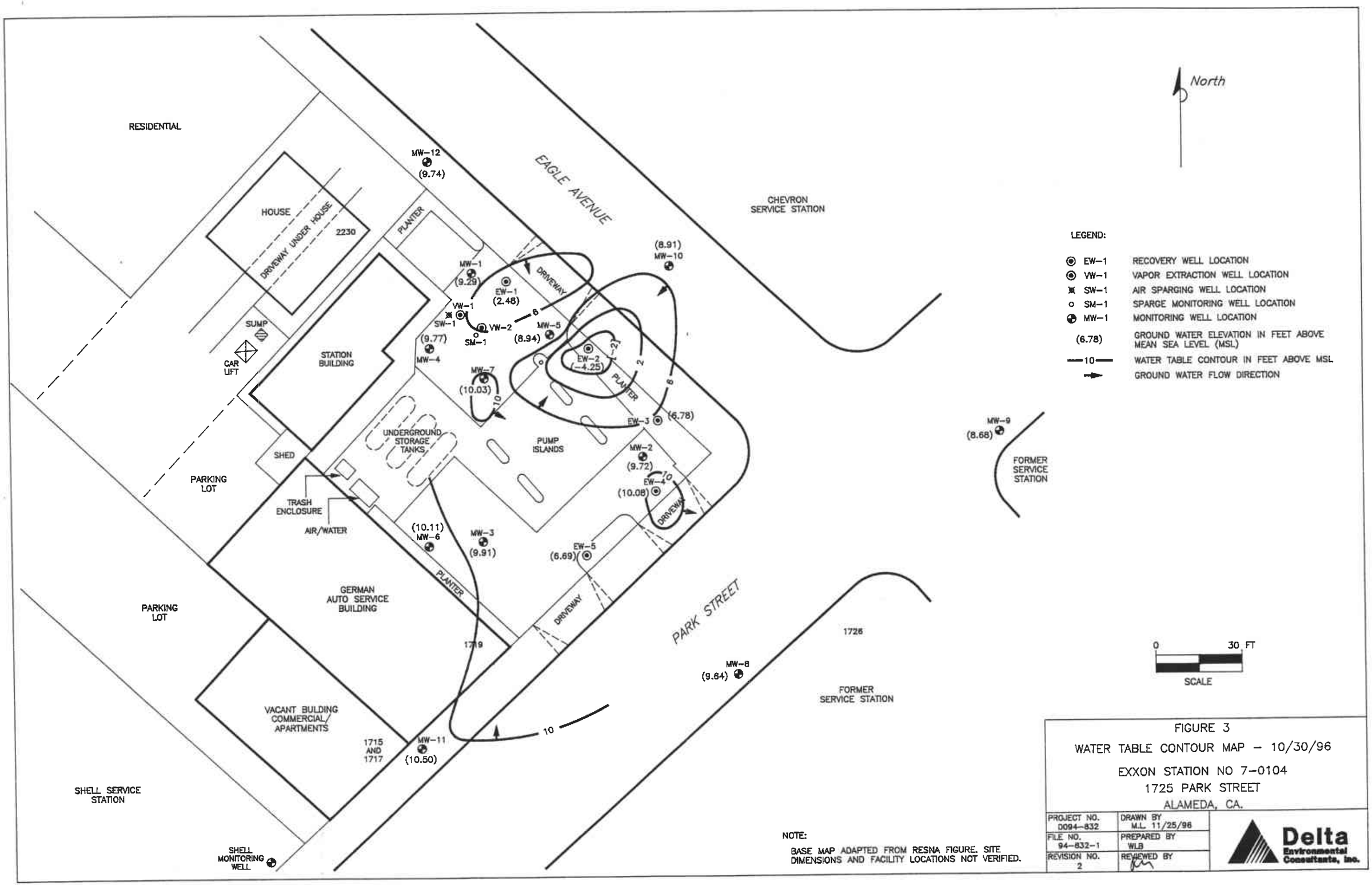
EXXON STATION NO 7-0104

1725 PARK STREET

ALAMEDA, CA.

PROJECT NO. 0094-832	DRAWN BY I.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 – 10/30/96

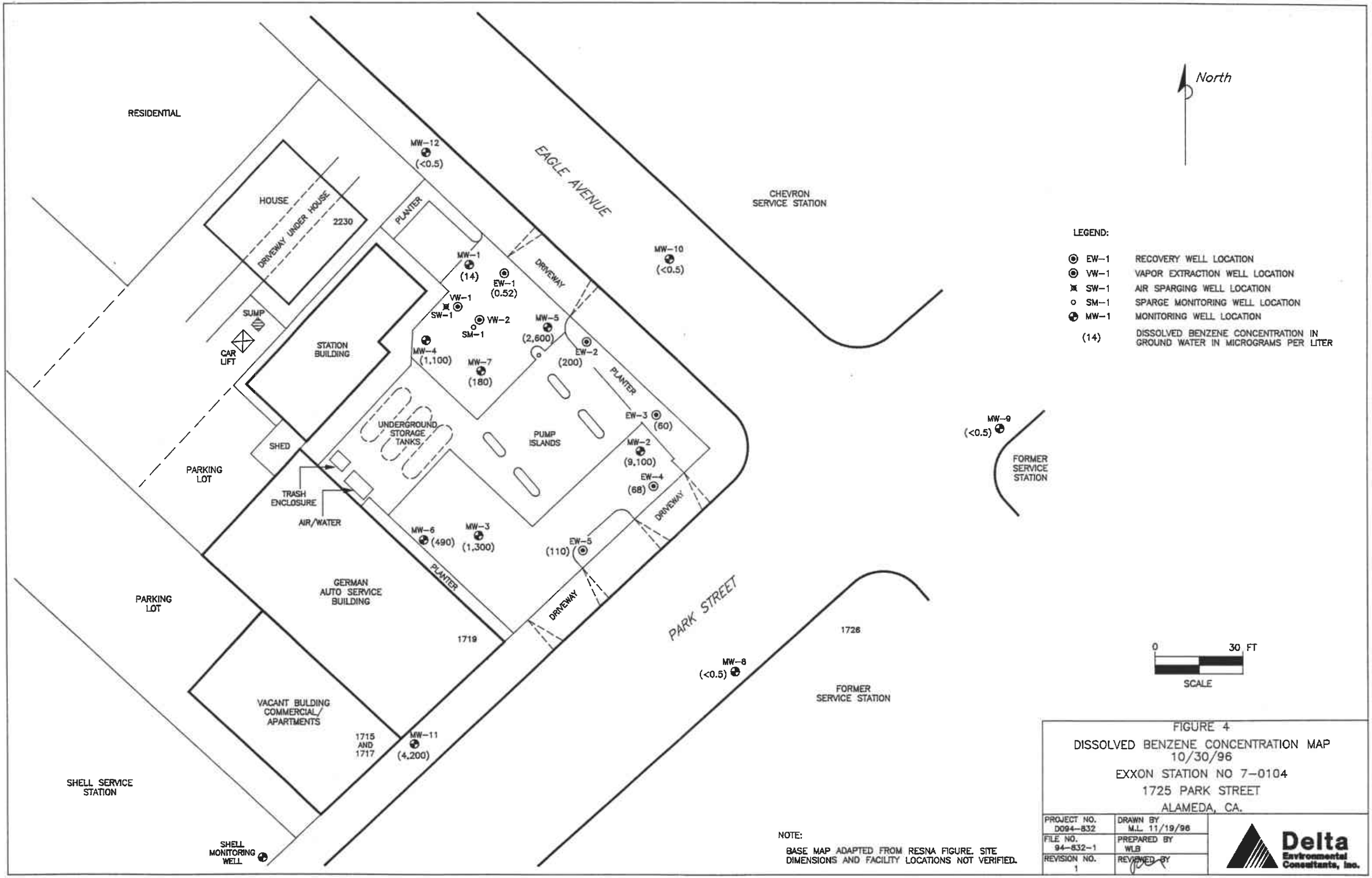
EXXON STATION NO 7-0104

1725 PARK STREET

ALAMEDA, CA.

PROJECT NO. 0094-832	DRAWN BY M.L. 11/25/96
FILE NO. 94-832-1	PREPARED BY WLB
REVISION NO. 2	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
10/30/96

EXXON STATION NO 7-0104

1725 PARK STREET

ALAMEDA, CA.

PROJECT NO. D094-832	DRAWN BY M.L. 11/19/96
FILE NO. 94-832-1	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 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	5,000	77	1,100	2,700
	06/10/88#	NLPH	6.35	11.00					
	01/17/89	NLPH	5.81	11.54	6,300	2,000	91	300	1,300
	01/24/89#	NLPH	5.16	12.19					
	06/01/89	sheen	6.27	11.08	1,700	170	6.3	13	220
	09/13/89	NLPH	7.11	10.24	2,100	3.0	53	13	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	220	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	6.12	11.23	32,000	1,400	19	<5	120
	08/21/90#	NLPH	7.03	10.32					
	09/19/90	NLPH	7.26	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	6.78	10.57					
	02/25/91#	NLPH	6.59	10.76					
	03/19/91	NLPH	5.85	11.50	1,400	900	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	9,700	1,300	570	950	2,100
	09/10/91#	NLPH	7.25	10.10					
	09/23/91#	NLPH	7.33	10.02					
	10/21/91#	NLPH	7.53	9.82					
	10/22/91	NM	NM	—	540	220	1.3	110	7.3
	11/13/91#	NLPH	7.13	10.22					
	12/11/91#	NLPH	7.25	10.10					
	01/21/92	NLPH	6.84	10.51	1,300	550	23	300	64
	02/20/92#	NLPH	4.82	12.53					
	03/19/92#	NLPH	5.24	12.11					
	04/24/92	NLPH	5.81	11.54	4,300	1,500	73	560	250
	05/13/92#	NLPH	5.99	11.36					
	06/24/92#	NLPH	6.65	10.70					
	07/16/92	NLPH	6.82	10.53	3,400	1,000	11	550	100
	08/19/92#	NLPH	7.07	10.28					
	09/24/92	NLPH	7.96	9.39	3,700	1,200	27	300	<10
	02/05/93	NLPH	5.21	12.14	11,000	2,400	160	1,400	790
	04/30/93	NLPH	5.88	11.47	6,300	330	320	640	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
(Page 2 of 11)

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	B	T	E	X
		<	feet	>	<	parts per billion	....		>
MW-1 cont.	07/15/93	NLPH	8.01	9.34	7,300	270	52	1,100	1,000
(17.35)	10/21/93#	NM	7.33	9.52					
	11/16/93	NLPH	8.59	8.56	840	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	10.38					
	02/24-25/94	NLPH	6.23	10.34	310	15	9.0	38	58
MW-2	06/07/88	—	—	—	110,000	12,000	12,000	2,100	12,000
(16.67)	06/10/88#	NLPH	6.20	10.47					
	01/17/89	NLPH	5.96	10.71	30,000	6,300	3,300	1,300	7,700
	01/24/89#	NLPH	5.04	11.63					
	06/01/89	sheen	6.32	10.35	3,700	330	230	560	1,200
	09/13/89	NLPH	6.73	9.94	17,000	580	280	570	220
	10/20/89#	NLPH	6.37	9.30					
	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	10.65	33,000	3,500	1,500	2,100	3,900
	04/13/90#	NLPH	6.35	10.32					
	05/23/90#	NLPH	6.28	10.39					
	06/14/90	NLPH	6.14	10.53	34,000	3,300	730	1,300	3,300
	08/21/90#	NLPH	6.70	9.97					
	09/19/90	NLPH	6.34	9.33	63,000	670	130	390	1,000
	12/17/90	NLPH	6.46	10.21	140,000	3,700	2,500	3,000	3,300
	01/31/91#	sheen	6.66	10.01					
	02/25/91#	NLPH	6.50	10.17					
	03/19/91	sheen	5.76	10.91	48,000	4,500	1,300	2,100	5,500
	04/22/91#	NLPH	5.78	10.39					
	05/17/91#	NLPH	6.01	10.66					
	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	9.66					
	10/22/91	—	—	—	34,000	3,700	1,100	1,300	5,200
	11/13/91#	NLPH	6.66	10.01					
	12/11/91#	NLPH	6.35	9.32					
	01/21/92	NLPH	6.22	10.45	21,000	4,500	1,300	1,700	5,100
	02/20/92#	NLPH	5.28	11.39					
	03/19/92#	NLPH	5.34	11.33					
	04/24/92	sheen	5.75	10.92	36,000	5,000	370	2,300	5,200
	05/13/92#	NLPH	5.95	10.72					

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					
	01/21/92	NLPH	6.16	10.95	13,000	2,700	30	1,300	740
	02/20/92#	NLPH	4.39	12.22					
	03/19/92#	NLPH	4.85	12.25					
	04/24/92	NLPH	5.28	11.33	17,000	4,200	170	1,900	900
	05/13/92#	NLPH	5.58	11.53					
	06/24/92#	NLPH	6.22	10.39					
	07/16/92	NLPH	6.36	10.75	11,000	2,700	230	1,100	570
	08/19/92#	NLPH	6.55	10.46					
	09/24/92	NLPH	6.93	10.13	7,100	2,000	44	1,000	220
	02/05/93	NLPH	4.71	12.40	13,000	3,500	110	1,300	430
	04/30/93	NLPH	5.46	11.35	13,000	1,500	370	1,500	1,300
	05/14/93#	NLPH	6.53	10.58					
	07/15/93	NLPH	7.28	9.33	2,100	310	15	230	58
	10/27/93#	NM	7.42	9.59					
	11/16/93	NLPH	8.02	9.09	4,000	400	400	120	490
	11/30/93	—	7.79	9.32	—	—	—	—	—
	12/17/93#	NM	7.13	9.98					
	01/31/94#	NM	6.32	10.79					
	02/24-25/94	NLPH	6.04	11.07	3,300	280	52	150	400
MW-4 (17.34)	01/17/89	NLPH	5.26	11.38	19,000	1,000	1,500	360	2,200
	01/24/89#	NLPH	5.46	11.38					
	06/01/89	NLPH	6.01	11.33	3,500	180	240	63	810
	09/18/89	NLPH	6.30	10.54	6,000	290	200	28	510
	10/20/89#	NLPH	7.08	10.25					
	11/22/89#	NLPH	6.32	10.52					
	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	11.90	12,000	1,500	1500	470	28,000
	04/18/90#	NLPH	6.14	11.20					
	05/23/90#	NLPH	6.22	11.12					
	06/14/90	NLPH	5.32	11.42	12,000	5,700	400	1,300	760
	08/21/90#	NLPH	6.33	10.51					
	09/19/90	NLPH	7.07	10.27	5,500	670	180	390	1,000
	12/17/90	NLPH	6.50	10.34	14,000	1,400	620	540	2,100
	01/31/91#	NLPH	5.66	10.58					
	02/25/91#	NLPH	6.21	11.13					
	03/19/91	NLPH	5.29	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	10.80	10,000	1,200	440	410	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	780	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	1,200	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	1,600
	05/13/92#	sheen	5.62	11.72					
	06/24/92#	sheen	6.19	11.15					
	07/16/92	sheen	6.31	10.83	5,400	870	240	440	700
	08/19/92#	NLPH	6.35	10.49					
	09/24/92	NLPH	7.17	10.17	9,300	1,300	130	530	690
	02/05/93	NLPH	4.61	12.73	15,000	2,300	820	980	2,200
	04/30/93	NLPH	5.59	11.75	21,000	4,000	960	1,500	2,900
	05/14/93#	NLPH	6.50	10.84					
	07/15/93	NLPH	7.30	9.34	2,300	440	55	130	220
	10/21/93#	NM	7.77	9.57					
	11/16/93	NLPH	8.27	9.07	5,100	320	160	250	760
	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	2,100	190	660	1,200
MW-5 (16.71)	01/17/89	NLPH	5.39	11.32	25,000	3,700	3,300	990	5,300
	01/24/89#	NLPH	5.51	11.20					
	06/01/89	sheen	5.93	10.78	5,200	740	220	130	650
	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	870
	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	290	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
	08/21/90#	NLPH	6.31	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	85	120	460
	12/17/90	sheen	6.24	10.47	18,000	2,300	810	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	2,900	610	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	—	6,600	2,000	64	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	630	1,300
	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	2,300	120	620	830
	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	43	880	720
	08/19/92#	sheen	6.53	10.18					
	09/24/92	sheen	6.80	9.91	9,200	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	7.93	9.34					
	10/21/93#	NM	7.25	9.46					
	11/15/93#	0.04	8.42	9.32					
	11/30/93#	—	8.10	8.51					
	12/17/93#	NM	7.43	9.28					
	01/31/94#	NM	6.95	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	9,300	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
	09/18/89	NLPH	6.95	10.61	17,000	660	410	660	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	23,000	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. (17.56)	03/07/90#	NM	NM	—					
	03/13/90	NLPH	6.63	11.93	38,000	12,000	15,000	2,500	12,000
	04/18/90#	NLPH	6.25	11.30					
	05/23/90#	NLPH	6.42	11.14					
	06/14/90	NLPH	6.19	11.37	38,000	9,100	7,300	2,900	12,000
	08/21/90#	NLPH	7.01	10.55					
	09/19/90	NLPH	7.23	10.33	22,000	4,200	300	1,400	3,400
	12/17/90	NLPH	6.86	10.90	20,000	3,100	4,100	890	2,700
	01/31/91#	NLPH	6.39	11.17					
	02/25/91#	NLPH	6.39	11.17					
	03/19/91	NLPH	5.57	11.99	180,000	11,000	55,000	6,800	29,000
	04/22/91#	NLPH	5.42	12.14					
	05/17/91#	NLPH	5.73	11.83					
	07/24/91	NLPH	6.72	10.34	48,000	5,400	2,300	2,000	9,000
	09/10/91#	NLPH	7.15	10.41					
	09/23/91#	NLPH	7.25	10.31					
	10/21/91#	NLPH	7.42	10.14					
	10/22/91	NM	NM	—	13,000	3,100	700	1,400	2,900
	11/18/91#	NLPH	7.08	10.48					
	12/11/91#	NLPH	7.17	10.39					
	01/21/92	NLPH	6.40	11.16	9,400	2,100	370	1,000	1,100
	02/20/92#	NLPH	6.06	12.50					
	03/19/92#	NLPH	4.86	12.70					
	04/24/92	NLPH	5.44	12.12	42,000	3,500	3,000	2,100	8,000
	05/13/92#	NLPH	5.83	11.73					
	06/24/92#	NLPH	6.50	11.06					
	07/16/92	NLPH	6.68	10.38	14,000	1,600	1,000	1,000	2,500
	08/19/92#	NLPH	7.00	10.56					
	09/24/92	NLPH	7.23	10.23	4,700	790	97	640	540
	02/05/93	NLPH	4.34	12.72	26,000	2,500	4,300	1,700	5,300
	04/30/93	NLPH	5.69	11.37	9,600	1,000	410	1,100	1,600
	05/14/93#	NLPH	6.52	11.04					
	07/15/93	NLPH	7.51	10.05	4,600	250	72	540	650
	10/21/93#	NM	7.35	9.71					
	11/16/93	NLPH	8.29	9.27	410	41	12	47	71
	11/30/93#	NM	8.08	9.48					
	12/17/93#	NM	7.27	10.29					
	01/31/94#	NM	6.62	10.94					
	02/24-25/94	NLPH	6.23	11.33	4,300	190	190	300	460

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-7	01/09/90	NM	NM	—	17,000	230	180	330	1,300
(17.12)	02/13/90#	NLPH	4.98	12.14					
	03/13/90	NLPH	4.34	12.18	16,000	360	270	83	460
	05/22/90#	NLPH	5.87	11.25					
	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	10.37	75,000	2,500	7,000	3,300	14,000
	01/31/91#	NLPH	6.64	10.48					
	02/25/91#	NLPH	5.30	11.32					
	03/19/91	NLPH	4.96	12.16	44,000	1,500	740	3,400	8,300
	04/22/91#	NLPH	4.82	12.30					
	05/17/91#	NLPH	5.18	11.34					
	07/24/91	NLPH	6.22	10.30	18,000	1,100	160	2,700	1,000
	09/10/91#	NLPH	6.71	10.41					
	09/23/91#	NLPH	6.34	10.23					
	10/21/91#	NLPH	7.00	10.12					
	10/22/91	—	—	—	10,000	990	25	1,300	490
	11/18/91#	NLPH	6.56	10.56					
	12/11/91#	NLPH	6.58	10.44					
	01/21/92	NLPH	5.99	11.13	23,000	2,200	3,000	1,300	6,100
	02/20/92#	NLPH	4.36	12.76					
	03/19/92#	NLPH	4.22	12.90					
	04/24/92	NLPH	4.34	12.23	25,000	1,400	220	2,100	2,300
	05/13/92#	NLPH	5.24	11.38					
	06/24/92#	NLPH	6.04	11.08					
	07/16/92	NLPH	6.19	10.93	8,700	470	45	970	36
	08/19/92#	NLPH	6.55	10.57					
	09/24/92	NLPH	6.33	10.29	9,200	560	48	1,200	54
	02/05/93	NLPH	4.11	13.01	33,000	1,100	2,300	1,200	4,200
	04/30/93b	NLPH	5.29	11.83	13,000	240	85	710	320
	05/14/93#	NLPH	5.91	11.21					
	07/15/93	NLPH	7.07	10.05	6,900	200	30	500	48
	10/21/93#	NM	7.55	9.57					
	11/16/93	NLPH	7.35	9.27	7,400	300	35	480	120
	11/30/93#	NM	7.36	9.46					
	12/17/93#	NM	6.75	10.27					
	01/31/94#	NM	6.22	10.90					
	02/24-25/94	NLPH	6.32	11.30	7,200	470	120	400	330

See notes on page 11 of 11.

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	NLPH	6.54	9.79	<50	<0.5	<1.0	<0.5	<0.5
	07/15/93	NLPH	6.57	9.76	<50	<0.5	<0.5	<0.5	<0.5
	10/21/93#	NM	6.83	9.50					
	11/16/93	NLPH	7.15	9.18	<50	<0.5	<0.5	<0.5	<0.5
	11/30/93	—	6.94	9.39	—	—	—	—	—
	12/17/93#	NM	6.98	9.35					
	01/31/94#	NM	6.13	10.20					
	02/24-25/94	NLPH	5.80	10.53	<50	<0.5	<0.5	<0.5	<0.5
MW-9 (15.32)	05/14/93	NLPH	6.31	9.01	<50	<0.5	<1.0	<0.5	<0.5
	07/15/93	NLPH	6.79	8.53	<50	<0.5	<0.5	<0.5	<0.5
	10/21/93#	NM	6.97	8.35					
	11/16/93	NLPH	7.12	8.20	<50	<0.5	<0.5	<0.5	<0.5
	11/30/93	—	6.68	8.64	—	—	—	—	—
	12/17/93#	NM	6.73	8.59					
	01/31/94#	NM	6.71	8.61					
	02/24-25/94	NLPH	6.15	9.17	<50	<0.5	<0.5	<0.5	<0.5
MW-10 (16.79)	05/14/93	NLPH	6.81	9.98	97	<0.5	<0.5	9.3	22
	07/15/93	NLPH	7.47	9.32	160	<0.5	<0.5	15	19
	10/21/93#	NM	7.57	9.22					
	11/16/93	NLPH	8.17	8.62	<50	<0.5	<0.5	<0.5	<0.5
	11/30/93	—	7.86	8.93	—	—	—	—	—
	12/17/93#	NM	7.25	9.54					
	01/31/94#	NM	6.66	10.13					
	02/24-25/94	NLPH	6.53	10.26	230	<0.5	<0.5	12	7.0
EW-1 (16.22)	10/21/93#	NM	6.67	9.55					
	12/17/93#	NM	10.09	6.13					
	01/31/94#	NM	5.88	10.34					
	02/24-25/94	NLPH	5.68	10.54	1,000	140	4.5	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	5.35	10.70					
	02/24-25/94	LPH	14.30	1.75	5,200	1,200	390	63	410
EW-3 (16.02)	10/21/93#	NM	6.55	9.47					
	12/17/93#	NM	15.75	0.27					
	01/31/94#	NM	5.34	10.68					
	02/24-25/94	NLPH	21.00	-4.98	91	<0.5	<0.5	<0.5	<0.5

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
(Page 10 of 11)

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	B	T	E	X
		< ..... feet ..... >			< ..... parts per billion ..... >				
EW-4 (15.61)	10/21/93#	NM	6.13	9.48					
	12/17/93#	NM	14.60	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 (16.51)	10/21/93#	NM	6.77	9.74					
	12/17/93#	NM	14.20	2.31					
	01/31/94#	NM	5.64	10.87					
	02/24-25/94	NLPH	11.95	4.56	1,000	140	45	3.4	190
Field Blanks	12/11/89	—	—	—	<50	0.38	0.95	0.62	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	0.6	1.0
	04/24/92	—	—	—	<50	<0.5	<0.5	<0.5	<0.5
	09/24/92	—	—	—	250	<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
(Page 11 of 11)

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 * 0.3)] 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 petroleum 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).

Sequoia Analytical

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

Delta Environmental Consultants	Client Project ID:	Exxon #7-0104, Alameda, CA	Sampled: Oct 30, 1996
3164 Gold Camp Dr., Suite 200	Sample Matrix:	Water	Received: Oct 31, 1996
Rancho Cordova, CA 95670	Analysis Method:	EPA 5030/8020, DHS Luft	Reported: Nov 13, 1996
Attention: Richard Munsch	First Sample #:	610-1420	

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 610-1420 MW-2	Sample I.D. 610-1421 MW-3	Sample I.D. 610-1422 MW-6	Sample I.D. 610-1423 MW-4	Sample I.D. 610-1424 MW-7	Sample I.D. 610-1425 MW-1
Purgeable Hydrocarbons	50	43,000	5,200	28,000	5,300	3,400	700
Benzene	0.50	9,100	1,300	490	1,100	180	14
Toluene	0.50	N.D.	28	440	35	9.8	2.9
Ethyl Benzene	0.50	2,400	170	1,800	420	58	85
Total Xylenes	0.50	730	180	6,200	300	38	3.5
Chromatogram Pattern:		Gasoline C6-C12	Gasoline C6-C12	Weathered Gasoline C6-C12	Gasoline C6-C12	Weathered Gasoline C6-C12	Gasoline C6-C12

Quality Control Data

Report Limit Multiplication Factor:	500	50	100	20	10	1.0
Date Analyzed:	11/08/96	11/08/96	11/07/96	11/07/96	11/08/96	11/08/96
Instrument Identification:	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Surrogate Recovery, %: (QC Limits = 60-140%)	114	107	113	134	112	*

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

SEQUOIA ANALYTICAL, ELAP #1624

EDANA M. BELEGANER FOR
Linda C. Schneider
Project Manager/Sacramento Laboratory

6101414.DLT <2>

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Delta Environmental Consultants	Client Project ID:	Exxon #7-0104, Alameda, CA	Sampled: Oct 30, 1996
3164 Gold Camp Dr., Suite 200	Sample Matrix:	Water	Received: Oct 31, 1996
Rancho Cordova, CA 95670	Analysis Method:	EPA 5030/8020, DHS Luft	Reported: Nov 13, 1996
Attention: Richard Munsch	First Sample #:	610-1414	

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 610-1414 MW-8	Sample I.D. 610-1415 MW-9	Sample I.D. 610-1416 MW-10	Sample I.D. 610-1417 MW-12	Sample I.D. 610-1418 MW-11	Sample I.D. 610-1419 MW-5
Purgeable Hydrocarbons	50	N.D.	N.D.	N.D.	N.D.	53,000	10,000
Benzene	0.50	N.D.	N.D.	N.D.	N.D.	4,200	2,600
Toluene	0.50	N.D.	N.D.	N.D.	N.D.	3,600	76
Ethyl Benzene	0.50	N.D.	N.D.	N.D.	N.D.	2,100	260
Total Xylenes	0.50	N.D.	N.D.	N.D.	N.D.	9,600	150
Chromatogram Pattern:		--	--	--	--	Gasoline C6-C12	Weathered Gasoline C6-C12

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	200	100
Date Analyzed:	11/07/96	11/07/96	11/07/96	11/07/96	11/08/96	11/07/96
Instrument Identification:	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Surrogate Recovery, %: (QC Limits = 60-140%)	99	100	96	99	112	121

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

EDANA M. BEUSCHNER FOR:
Linda C. Schneider
Project Manager/Sacramento Laboratory

6101414.DLT <1>

Sequoia Analytical

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

Delta Environmental Consultants	Client Project ID:	Exxon #7-0104, Alameda, CA	Sampled: Oct 30, 1996
3164 Gold Camp Dr., Suite 200	Sample Matrix:	Water	Received: Oct 31, 1996
Rancho Cordova, CA 95670	Analysis Method:	EPA 5030/8020 Modified	Reported: Nov 13, 1996
Attention: Richard Munsch	First Sample #:	610-1414	

Methyl Tertiary Butyl Ether (MTBE)

Analyte	Reporting Limit µg/L	Sample I.D. 610-1414 MW-8	Sample I.D. 610-1415 MW-9	Sample I.D. 610-1416 MW-10	Sample I.D. 610-1417 MW-12	Sample I.D. 610-1418 MW-11	Sample I.D. 610-1419 MW-5
MTBE	5.0	N.D.	N.D.	5.6	N.D.	990	110,000

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	200	2,000
Date Analyzed:	11/07/96	11/07/96	11/07/96	11/07/96	11/08/96	11/08/96
Instrument Identification:	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Surrogate Recovery: (QC Limits = 70-130%)	99	100	96	99	112	111

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

SEQUOIA ANALYTICAL, ELAP #1624

EDANA M. BEUSCHNER FOR
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Delta Environmental Consultants	Client Project ID:	Exxon #7-0104, Alameda, CA	Sampled:	Oct 30, 1996
3164 Gold Camp Dr., Suite 200	Sample Matrix:	Water	Received:	Oct 31, 1996
Rancho Cordova, CA 95670	Analysis Method:	EPA 5030/8020 Modified	Reported:	Nov 13, 1996
Attention: Richard Munsch	First Sample #:	610-1420		

Methyl Tertiary Butyl Ether (MTBE)

Analyte	Reporting Limit µg/L	Sample I.D. 610-1420 MW-2	Sample I.D. 610-1421 MW-3	Sample I.D. 610-1422 MW-6	Sample I.D. 610-1423 MW-4	Sample I.D. 610-1424 MW-7	Sample I.D. 610-1425 MW-1
MTBE	5.0	18,000	2,900	900	1,500	28,000	33

Quality Control Data

Report Limit Multiplication Factor:	500	50	100	80	2,000	1.0
Date Analyzed:	11/08/96	11/08/96	11/07/96	11/11/96	11/08/96	11/08/96
Instrument Identification:	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Surrogate Recovery: (QC Limits = 70-130%)	114	107	113	100	109	*

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

SEQUOIA ANALYTICAL, ELAP #1624

EDANA M. BELSCHNER FOR

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Project Manager/Sacramento Laboratory

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Delta Environmental Consultants	Client Project ID:	Exxon #7-0104, Alameda, CA	Sampled:	Oct 30, 1996
3164 Gold Camp Dr., Suite 200	Sample Matrix:	Water	Received:	Oct 31, 1996
Rancho Cordova, CA 95670	Analysis Method:	EPA 5030/8020, DHS Luft	Reported:	Nov 13, 1996
Attention: Richard Munsch	First Sample #:	610-1426		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 610-1426 EA-1	Sample I.D. 610-1427 EA-2	Sample I.D. 610-1428 EA-3	Sample I.D. 610-1429 EA-4	Sample I.D. 610-1430 EA-5
Purgeable Hydrocarbons	50	N.D.	1,500	660	550	1,200
Benzene	0.50	0.52	200	60	68	110
Toluene	0.50	N.D.	44	8.2	11	5.1
Ethyl Benzene	0.50	N.D.	8.8	N.D.	N.D.	2.2
Total Xylenes	0.50	N.D.	190	100	71	120
Chromatogram Pattern:		--	Gasoline C6-C12	Gasoline C6-C12	Weathered Gasoline C6-C12	Gasoline C6-C12

Quality Control Data

Report Limit Multiplication Factor:	1.0	10	1.0	5.0	4.0
Date Analyzed:	11/08/96	11/08/96	11/08/96	11/11/96	11/11/96
Instrument Identification:	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Surrogate Recovery, %: (QC Limits = 60-140%)	103	109	*	92	82

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

EDANA M. BELSCHNER FOR
Linda C. Schneider
Project Manager/Sacramento Laboratory

6101414.DLT <3>

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Delta Environmental Consultants	Client Project ID:	Exxon #7-0104, Alameda, CA	Sampled:	Oct 30, 1996
3164 Gold Camp Dr., Suite 200	Sample Matrix:	Water	Received:	Oct 31, 1996
Rancho Cordova, CA 95670	Analysis Method:	EPA 5030/8020 Modified	Reported:	Nov 13, 1996
Attention: Richard Munsch	First Sample #:	610-1426		

Methyl Tertiary Butyl Ether (MTBE)

Analyte	Reporting Limit µg/L	Sample I.D. 610-1426 EA-1	Sample I.D. 610-1427 EA-2	Sample I.D. 610-1428 EA-3	Sample I.D. 610-1429 EA-4	Sample I.D. 610-1430 EA-5
MTBE	5.0	5,300	13,000	2,800	3,400	68

Quality Control Data

Report Limit Multiplication Factor:	100	1,000	100	100	4.0
Date Analyzed:	11/11/96	11/11/96	11/11/96	11/11/96	11/11/96
Instrument Identification:	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Surrogate Recovery: (QC Limits = 70-130%)	98	104	93	101	82

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

SEQUOIA ANALYTICAL, ELAP #1624

EDANA M. BELSCHNER FOR

Linda C. Schneider
Project Manager/Sacramento Laboratory

6101414.DLT <6>

Delta
Environmental
Consultants, Inc.

8164 Gold Camp Drive
Suite 208
Rancho Cordova, CA 95670
916/638-2085
FAX: 916/638-8385

December 2, 1996

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

Subject: *Quarterly Ground Water Monitoring Report, Fourth 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 October 30, 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 6.53 (EW-4) to 20.30 (EW-2) feet below the top of the well casings. Ground water elevations in the monitoring wells decreased approximately 0.4 feet from the previous measurements collected in July 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 October 30, 1996, is included as Figure 3. The contour map indicates an induced ground water flow direction toward recovery wells EW-1 through EW-3, and EW-5. The ground water extraction system has induced a hydraulic gradient of approximately 0.2 in the vicinity of recovery wells EW-1 and EW-2. Away from the recovery wells, previous data indicates the ground water flow direction to be towards the east.

Subjective Analysis

Liquid-phase petroleum hydrocarbons were not observed in any monitoring wells during the fourth quarter site visit.

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EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

Consultant's Name: Delta Environmental Consultants			**Page** 1 of 2
Address: 3164 Gold Camp Dr. Rancho Cordova			**Site Location:** Alameda
Project #:	**Consultant Project #:** D094-032		**Consultant Work Release #:** 19951522
Project Contact: Rich Munch	**Phone #:** 638-2085		**Laboratory Work Release #:**
EXXON Contact: Marla Guenzler	**Phone #:**		**EXXON RAS #:** 7-0104
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)

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
MW-8	10-30-96	0915	H2O	HCl	3	5610-1414	X			X		
MW-9		0930				1415						
MW-10		0945				1416						
MW-12		1000				1417						
MW-11		1015				1418						
MW-5		1105				1419						
MW-2		1120				1420						
MW-3		1130				1421						
MW-6		1145				1422						

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
[signature] / Delta	10/31/96	1450	John Youell / SEQUOIA	10/31/96	1450	
John Youell / SEQUOIA	10/31/96	1545	Sandi Hansen / Sequoia	10/31/96	1545	

Pink - Client
Yellow - Sequoia
White - Sequoia

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EXXON COMPANY, U.S.A.

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CHAIN OF CUSTODY

Page 2 of 2

Consultant's Name: Delta Environmental Consultants		
Address: 3164 Gold Country Dr. Rancho		Site Location: Alameda
Project #:	Consultant Project #: D094-832	Consultant Work Release #: 7432522
Project Contact: Rich Munch	Phone #: 638-2085	Laboratory Work Release #:
EXXON Contact: Maria Gonzalez	Phone #:	EXXON RAS #: 7 0104
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-4	10-30-96	1200	H2O	HCl	3	56K-1423	X			X		
MW-7		1210				1424						
MW-1		1220				1425						
EA-1		1300				1426						
EA-2		1305				1427						
EA-3		1310				1428						
EA-4		1315				1429						
EA-5		1325				1430						

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
[signature]	10/31/96	1450	John Yowell / Sequoia	10/31/96	1450	
John Yowell / Sequoia	10/31/96	1545				
			Sunil Hiro / Sequoia	10/31/96	1545	

White - Sequoia Yellow - Sequoia Pink - Client