

EXXON COMPANY, U.S.A.

P.O. BOX 4032 • CONCORD, CA 94524-4032

MARKETING DEPARTMENT • ENVIRONMENTAL ENGINEERING

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

November 22, 1996

Mr. Scott Seery
Alameda County Environmental Health Department
1131 Harbor Bay Parkway
Alameda, California 94501-6577

RE: EXXON RAS #7-3399/2991 HOPYARD ROAD, PLEASANTON, CA

Dear Mr. Seery:

This letter is to confirm the submittal of the report entitled *Quarterly Groundwater Monitoring Report, Third Quarter 1996* for the above referenced Exxon site. The report, prepared by Delta Environmental Consultants, Inc., of Rancho Cordova, California, details the results of the August 1996 monitoring and sampling event.

If you have any questions or comments, please contact Roger Hicks at (510) 246-8768.

Sincerely,

By: 

Marla D. Guensler
Senior Engineer

MDG/tjm

Attachment: Delta Report dated October 9, 1996:

cc: w/attachment:

Mr. Sum Arigalia - San Francisco Bay RWQCB
Mr. David Lunn - Alameda Co. Flood Control (Zone-7)
Mr. Steve Cusenza - City of Pleasanton Public Works Dept.

w/o attachment:

Mr. Keoni Almeida - Delta, Rancho Cordova, CA

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

October 9, 1996

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

Subject: *Quarterly Ground Water Monitoring Report, Third Quarter 1996*
Exxon Retail Station No. 7-3399
2991 Hopyard Road
Pleasanton, California
Delta Project No. D094-836

Dear Ms. Guensler:

Delta Environmental Consultants, Inc. (Delta), has been authorized by Exxon Company, U.S.A. (Exxon), to conduct quarterly ground water monitoring at Exxon Service Station No. 7-3399, located at 2991 Hopyard Road, Pleasanton, California. This letter report presents the results of quarterly ground water monitoring and sampling conducted for the third quarter 1996. The location of the site is shown in Figure 1 and site features are illustrated in Figure 2. All work conducted at the site by Delta was performed in accordance with the field methods and procedures described in Enclosure A.

Ground Water Elevations, Flow Direction, and Hydraulic Gradient

On August 28, 1996, ground water elevations were measured in on-site monitoring wells MW-1, MW-4, MW-7, MW-8, MW-9, MW-10 and off-site monitoring wells MW-5D, MW-5S, and MW-11. Depth to ground water in the monitoring wells ranged from 38.37 (MW-1) to 40.86 (MW-10) feet below the top of the well casings excluding monitoring well MW-5D and MW-8 which are screened in lower water bearing zones. Ground water elevation levels decreased an average of 4.5 feet in the monitoring wells since the May 1996 event. Cumulative ground water elevation measurements recorded are presented in Table 1.

A water table contour map constructed from the ground water elevations recorded on August 28, 1996, is included as Figure 3. The water table contours illustrated in Figure 3 indicate that ground water in the upper water bearing zone flowed toward the northeast and southeast across the site. Based on the water table contour map, the estimated hydraulic gradient is approximately 0.02. The ground water elevation measurements from monitoring wells MW-5D and MW-8 were not included in the contour map, because these wells are screened in a lower zone.

Subjective Analysis

No liquid-phase petroleum hydrocarbons or hydrocarbon sheens were present in the wells during the August 1996, sampling visit.

Ms. Marla Guensler
Exxon Company, U.S.A.
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Ground Water Analytical Results

Ground water samples were collected from monitoring wells MW-1, MW-5S, MW-5D, MW-8 and MW-9 on August 28, 1996, and submitted to Sequoia Analytical (a California-certified laboratory) for analysis of benzene, toluene, ethylbenzene, total xylenes, and methyl tertiary butyl ether (MTBE) by EPA Method 8020, and total petroleum hydrocarbons (TPH) as gasoline by EPA Method 8015 Modified. Ground water samples will be collected annually from monitoring wells MW-4 and MW-7. Monitoring wells MW-10 and MW-11 will continue to be excluded from quarterly sampling. Cumulative analytical laboratory results are summarized in Table 2.

The analytical results reported that all hydrocarbon constituents in samples collected from the sampled monitoring wells were below the laboratory's limits of detection with the exception of the samples obtained from monitoring wells MW-9. The analytical results reported the ground water sample from monitoring well MW-9 contained 1.6 micrograms per liter ($\mu\text{g/L}$) of benzene, which is a decrease in concentration from 2,800 $\mu\text{g/L}$ reported during the previous sampling event in May 1996. MTBE was not detected in any of the ground water samples above the laboratory's limits of detection. A copy of the laboratory analytical report for the August 28, 1996, sampling event is included in Enclosure B.

Discussion

Concentrations of hydrocarbons in monitoring wells MW-8 and MW-5D, which are screened across lower water bearing zone were below the laboratory's limits of detection for all analytes. Monitoring of residual dissolved hydrocarbons in the deep monitoring wells will continue, due to the proximity of the City of Pleasanton municipal wells northeast of the site.

Future Work

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

Remarks/Signatures

The interpretations contained in this report represent our professional opinions, and are based in part, on information supplied by the client. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

Ms. Marla Guensler
Exxon Company, U.S.A.
July 12, 1996
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Delta recommends that copies of this report be forwarded to:

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

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

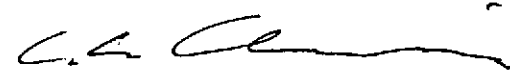
Mr. Steve Cusenza
City of Pleasanton Public Works Dept.
Post Office Box 520
Pleasanton, California 94566

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

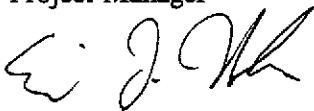
If you have any questions, please contact Keoni Almeida at (916) 638-2085.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.



Charles Keoni Almeida
Project Manager



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

CKA (LRP002.836)
Enclosures

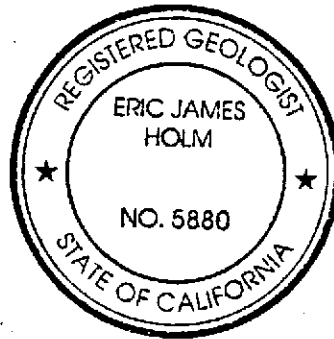


TABLE 1

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Top of Riser Elevation (ft) ^a	Depth to Water (ft)	Ground Water Elevation (ft)	Liquid-Phase Hydrocarbon Thickness (feet)
MW-1	04/06/88	321.44	36.34	285.10	No LPH
	04/08/88		36.29	285.15	No LPH
	04/19/88		36.36	285.08	No LPH
	06/06/88		38.16	283.28	No LPH
	06/23/88		38.71	282.73	No LPH
	06/28/88		39.16	282.28	No LPH
	07/06/88		39.73	281.71	No LPH
	07/13/88		40.22	281.22	No LPH
	08/12/88		NM ^b	NM	No observation
	08/26/88		41.90	279.54	No LPH
	09/07/88		42.27	279.17	No LPH
	12/07/88		43.94	277.50	No LPH
	12/19/88		43.70	277.74	No LPH
	02/09/89		42.53	278.91	No LPH
	03/08/89		41.96	279.48	No LPH
	04/03/89		41.59	279.85	No LPH
	04/26/89		41.67	279.77	No LPH
	06/30/89		43.79	277.65	No LPH
	07/17/89		44.74	276.70	No LPH
	07/18/89		44.76	276.68	No LPH
	07/19/89		44.82	276.62	No LPH
	07/20/89		44.85	276.59	No LPH
	07/21/89		44.95	276.49	No LPH
	07/26/89		45.42	276.02	No LPH
	08/02/89		NM	NM	No observation
	08/03/89		46.18	275.26	No LPH
	08/17/89		47.12	274.32	No LPH
	09/13/89		49.08	272.36	No LPH
	11/28/89		50.21	271.23	No LPH
	01/09/90		49.31	272.13	No LPH
	01/26/90		49.29	272.15	No LPH
	02/23/90		49.02 ^c	272.42	No LPH
	02/23/90		49.02	272.42	No LPH
	03/26/90		48.71 ^c	272.73	No LPH
	03/26/90		48.70	272.74	No LPH
	04/18/90		48.79	272.65	No LPH

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Top of Riser Elevation (ft) ^a	Depth to Water (ft)	Ground Water Elevation (ft)	Liquid-Phase Hydrocarbon Thickness (feet)	
MW-1 (Cont.)	05/17/90	321.44	49.40	272.04	No LPH	
	06/11/90		50.83	270.61	No LPH	
	07/30/90		52.17	269.27	No LPH	
	08/27/90		53.44	268.00	No LPH	
	09/28/90		53.40	268.04	No LPH	
	12/27/90		NM	NM	No observation	
	03/20/91		53.35	268.09	No LPH	
	06/20/91		53.55	267.89	No LPH	
	09/12/91		NM	NM	No observation	
	12/30/91		NM	NM	No observation	
	01/30/92		NM	NM	No observation	
	03/02/92		NM	NM	No observation	
	03/24/92		NM	NM	No observation	
	04/14/92		NM	NM	No observation	
	05/21/92		NM	NM	No observation	
	06/08/92		NM	NM	No observation	
	07/14/92		NM	NM	No observation	
	08/10/92		NM	NM	No observation	
	09/16/92		NM	NM	No observation	
	10/07/92		NM	NM	No observation	
	11/09/92		DRY	DRY	No observation	
	12/10/92		NM	NM	No observation	
	01/26/93		NM	NM	No observation	
	02/16/93		NM	NM	No observation	
	03/11/93			53.09	268.35	No LPH
	04/12/93			53.32	268.12	No LPH
	06/01/93			53.40	268.04	No LPH
	07/15/93			59.80	261.64	No LPH
	08/15/93			53.45	267.99	No LPH
	09/29/93			53.43	268.01	No LPH
10/28/93			53.38	268.06	No LPH	
11/23/93			53.46	267.98	No LPH	
11/16/94			52.09	269.35	No LPH	
02/15/95			49.41	272.03	No LPH	

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Top of Riser Elevation (ft) ^a	Depth to Water (ft)	Ground Water Elevation (ft)	Liquid-Phase Hydrocarbon Thickness (feet)
MW-1 (Cont.)	05/09/95	321.44	39.97	281.47	No LPH
	08/21/95		40.68	280.76	No LPH
	11/30/95		38.99	282.45	No LPH
	03/28/96		35.70	285.74	No LPH
	05/31/96		34.17	287.27	No LPH
	08/28/96		38.37	283.07	No LPH
MW-2	04/02/88	NM	NM	NM	0.25
	04/04/88		NM	NM	1.50
	04/05/88		NM	NM	1.50
	04/06/88		39.31	NM	3.20
	04/08/88		NM	NM	No observation
	04/19/88		38.90	NC ^d	2.48
	06/06/88		38.78	NC	0.26
	06/23/88		39.23	NC	0.13
	06/28/88		39.72	NC	No observation
	07/06/88		40.31	NC	Slight sheen
	07/12/88		Well Destroyed		
MW-3	04/06/88	NM	37.19	NM	No LPH
	04/08/88		37.14	NM	No LPH
	04/19/88		37.22	NM	No LPH
	06/06/88		39.02	NM	No LPH
	06/23/88		39.58	NM	No LPH
	06/28/88		40.04	NM	No LPH
	07/06/88		40.60	NM	No LPH
	07/13/88		41.09	NM	No LPH
	08/12/88		NA	NM	No LPH
	08/26/88		42.77	NM	No observation
	08/29/88		Well Destroyed	No LPH	

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Top of Riser Elevation (ft) ^a	Depth to Water (ft)	Ground Water Elevation (ft)	Liquid-Phase Hydrocarbon Thickness (feet)
MW-4	04/08/88	321.56	36.41	285.15	No LPH
	04/19/88		36.51	285.05	No LPH
	06/06/88		38.26	283.30	No LPH
	06/23/88		38.83	282.73	No LPH
	06/28/88		39.28	282.28	No LPH
	07/06/88		39.85	281.71	No LPH
	07/13/88		40.31	281.25	No LPH
	08/12/88		NM	NM	No observation
	08/26/88		42.01	279.55	No LPH
	09/07/88		NM	NM	No observation
	12/07/88		NM	NM	No observation
	12/19/88		43.83	277.73	No LPH
	02/09/89		42.67	278.89	No LPH
	03/08/89		42.11	279.45	No LPH
	04/03/89		41.73	279.83	No LPH
	04/26/89		41.79	279.77	No LPH
	06/30/89		43.88	277.68	No LPH
	07/17/89		44.85	276.71	No LPH
	07/18/89		44.88	276.68	No LPH
	07/19/89		44.92	276.64	No LPH
	07/20/89		44.98	276.58	No LPH
	07/21/89		45.04	276.52	No LPH
	07/26/89		45.50	276.06	No LPH
	08/02/89		NM	NM	No observation
	08/03/89		46.28	275.28	No LPH
	08/17/89		47.22	274.34	No LPH
	09/13/89		49.19	272.37	No LPH
	11/28/89		50.34	271.22	No LPH
	01/09/90		49.47	272.09	No LPH
	01/26/90		49.36	272.20	No LPH
	02/23/90		49.18 ^b	272.38	No LPH
	02/23/90		49.15	272.41	No LPH
	03/26/90		48.84 ^b	272.72	No LPH
	03/26/90		48.83	272.73	No LPH
	04/18/90		48.90	272.66	No LPH
	05/17/90		50.03	271.53	No LPH
06/11/90	50.98	270.58	No LPH		
07/30/90	53.57	267.99	No LPH		
08/27/90	53.61	267.95	No LPH		
09/28/90	53.57	267.99	No LPH		
12/27/90	53.68	267.88	No LPH		
03/20/91	53.56	268.00	No LPH		

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Top of Riser Elevation (ft) ^a	Depth to Water (ft)	Ground Water Elevation (ft)	Liquid-Phase Hydrocarbon Thickness (feet)
MW-4 (Cont.)	06/20/91	321.56	53.75	267.81	No LPH
	09/12/91		53.70	267.86	No LPH
	12/30/91		DRY	DRY	No observation
	01/30/92		DRY	DRY	No observation
	03/02/92		53.83	267.73	No LPH
	03/24/92		53.73	267.83	No LPH
	04/14/92		53.76	267.80	No LPH
	05/21/92		54.73	266.83	No LPH
	06/08/92		53.80	267.76	No LPH
	07/14/92		53.60	267.96	No LPH
	08/10/92		53.71	267.85	No LPH
	09/16/92		53.89	267.67	No LPH
	10/07/92		DRY	DRY	No observation
	11/09/92		DRY	DRY	No observation
	12/10/92		53.83	267.73	No LPH
	01/26/93		DRY	DRY	No observation
	02/16/93		53.64	267.92	No LPH
	03/11/93		53.54	268.02	No LPH
	04/12/93		53.62	267.94	No LPH
	06/01/93		53.52	268.04	No LPH
	07/15/93		53.80	267.76	No LPH
	08/15/93		53.65	267.91	No LPH
	09/29/93		54.23	267.33	No LPH
	10/28/93		53.54	268.25	No LPH
	11/23/93		53.57	268.22	No LPH
	11/16/94		52.96	268.60	No LPH
	02/15/95		50.37	271.19	No LPH
	05/09/95		44.86	276.70	No LPH
	08/21/95		41.71	279.85	No LPH
	11/30/95		39.95	281.61	No LPH
	03/28/96		36.76	284.80	No LPH
	05/31/96		35.19	286.37	No LPH
08/28/96		39.39	282.17	No LPH	

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Top of Riser Elevation (ft) ^a	Depth to Water (ft)	Ground Water Elevation (ft)	Liquid-Phase Hydrocarbon Thickness (feet)
MW-5S	05/25/88	321.64	38.46	283.18	No LPH
	06/06/88		38.86	282.78	No LPH
	06/23/88		39.52	282.12	No LPH
	06/28/88		39.84	281.80	No LPH
	07/06/88		40.45	281.19	No LPH
	07/13/88		40.90	280.74	No LPH
	07/22/88		41.30	280.34	No LPH
	08/05/88		23.84 ^e	297.80	No LPH
	08/12/88		42.21	279.43	No LPH
	08/26/88		42.55	279.09	No LPH
	09/07/88		42.94	278.70	No LPH
	12/07/88		44.67	276.97	No LPH
	02/09/89		43.19	278.45	No LPH
	03/08/89 ^f		42.11	279.53	No LPH
	04/26/89		41.84	279.80	No LPH
	06/30/89		43.95	277.69	No LPH
	07/17/89		44.91	276.73	No LPH
	07/18/89		44.93	276.71	No LPH
	07/19/89		44.98	276.66	No LPH
	07/20/89		45.02	276.62	No LPH
	07/21/89		45.10	276.54	No LPH
	07/26/89		45.57	276.07	No LPH
	08/02/89		NM	NM	No observation
	08/03/89		46.31	275.33	No LPH
	08/17/89		47.25	274.39	No LPH
	09/13/89		49.22	272.42	No LPH
	11/28/89		50.39	271.25	No LPH
	01/09/90		49.51	272.13	No LPH
	01/26/90		49.40	272.24	No LPH
	02/23/90		49.20 ^e	272.44	No LPH
	02/23/90		49.20	272.44	No LPH
	03/26/90		48.89 ^e	272.75	No LPH
	03/26/90		48.88	272.76	No LPH
	04/18/90		48.95	272.69	No LPH
	05/17/90		50.06	271.58	No LPH
	06/11/90		50.98	270.66	No LPH

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Top of Riser Elevation (ft) ^a	Depth to Water (ft)	Ground Water Elevation (ft)	Liquid-Phase Hydrocarbon Thickness (feet)	
MW-5S (Cont.)	07/30/90	321.64	53.40	268.24	No LPH	
	08/27/90		53.60	268.04	No LPH	
	09/28/90		53.55	268.09	No LPH	
	12/27/90		53.61	268.03	No LPH	
	03/20/91		53.56	268.08	No LPH	
	06/20/91		53.73	267.91	No LPH	
	09/12/91		53.78	267.86	No LPH	
	12/30/91		53.80	267.84	No LPH	
	01/30/92		53.82	267.82	No LPH	
	03/02/92		53.82	267.82	No LPH	
	04/14/92		53.74	267.90	No LPH	
	05/21/92		53.77	267.87	No LPH	
	06/08/92		53.81	267.83	No LPH	
	07/14/92		53.74	267.90	No LPH	
	08/10/92		53.78	267.86	No LPH	
	09/16/92		53.90	267.74	No LPH	
	10/07/92			DRY	DRY	No observation
	11/09/92			53.87	267.77	No LPH
	12/10/92			53.78	267.86	No LPH
	01/26/93			53.38	268.26	No LPH
	02/16/93			53.44	268.20	No LPH
	03/11/93			53.28	268.36	No LPH
	04/12/93			53.42	268.22	No LPH
	06/01/93			53.56	268.08	No LPH
	07/15/93			53.00	268.64	No LPH
	08/15/93			53.60	268.04	No LPH
	09/29/93			53.62	268.02	No LPH
	10/28/93			54.62	267.02	No LPH
	11/23/93			53.62	268.02	No LPH
	11/16/94			53.05	268.59	No LPH
	02/15/95			50.55	271.09	No LPH
	05/09/95			44.96	276.68	No LPH
	08/21/95			41.77	279.87	No LPH
11/30/95			39.95	281.69	No LPH	
03/28/96			36.80	284.84	No LPH	
05/31/96			35.28	286.36	No LPH	
08/28/96			39.46	282.18	No LPH	

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
 2991 Hopyard Road
 Pleasanton, California

Monitoring Well	Date	Top of Riser Elevation (ft) ^a	Depth to Water (ft)	Ground Water Elevation (ft)	Liquid-Phase Hydrocarbon Thickness (feet)	
MW-5D	05/25/88	321.79	38.55	283.24	No LPH	
	06/06/88		38.90	282.89	No LPH	
	06/23/88		39.56	282.23	No LPH	
	06/28/88		40.23	281.56	No LPH	
	07/06/88		40.69	281.10	No LPH	
	07/13/88		41.22	280.57	No LPH	
	08/12/88		42.34	279.45	No LPH	
	08/26/88		42.60	279.19	No LPH	
	09/07/88		42.99	278.80	No LPH	
	12/07/88		44.58	277.21	No LPH	
	02/09/89 ^f			NM	NM	No observation
	03/08/89 ^e			NM	NM	No observation
	03/08/93			42.49	279.30	No LPH
	04/03/89			42.21	279.58	No LPH
	04/26/89			42.36	279.43	No LPH
	06/30/89			44.79	277.00	No LPH
	07/17/89			45.73	276.06	No LPH
	07/18/89			45.75	276.04	No LPH
	07/19/89			44.89	276.90	No LPH
	07/20/89			46.02	275.77	No LPH
	07/21/89			46.18	275.61	No LPH
	07/26/89			46.83	274.96	No LPH
	08/02/89			NA	NA	No observation
	08/03/89			47.67	274.12	No LPH
	08/17/89			48.27	273.52	No LPH
	09/13/89			50.60	271.19	No LPH
	11/28/89			51.16	270.63	No LPH
	01/09/90			50.42	271.37	No LPH
	01/26/90			50.10	271.69	No LPH
	02/23/90			50.08	271.71	No LPH
	03/26/90			49.80 ^e	271.99	No LPH
	03/26/90			49.77	272.02	No LPH
	04/18/90			49.80	271.99	No LPH
	05/17/90			51.32	270.47	No LPH
	06/11/90			52.10	269.69	No LPH
	07/30/90			53.47	268.32	No LPH

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Top of Riser Elevation (ft) ^a	Depth to Water (ft)	Ground Water Elevation (ft)	Liquid-Phase Hydrocarbon Thickness (feet)
MW-5D	08/27/90	321.79	58.24	263.55	No LPH
(Cont.)	09/29/90		60.70	261.09	No LPH
	12/27/90		62.52	259.27	No LPH
	03/20/91		59.18	262.61	No LPH
	06/20/91		65.02	256.77	No LPH
	09/12/91		DRY	DRY	No observation
	12/30/91		DRY	DRY	No observation
	01/30/92		DRY	DRY	No observation
	03/02/92		DRY	DRY	No observation
	03/24/92		74.98	246.81	No LPH
	04/14/92		74.42	247.37	No LPH
	05/21/92		75.67	246.12	No LPH
	06/08/92		DRY	DRY	No observation
	07/14/92		DRY	DRY	No observation
	08/10/92		DRY	DRY	No observation
	09/16/92		DRY	DRY	No observation
	10/07/92		DRY	DRY	No observation
	11/09/92		DRY	DRY	No observation
	12/10/92		DRY	DRY	No observation
	01/26/93		DRY	DRY	No observation
	02/16/93		76.47	245.32	No LPH
	03/11/93		74.03	247.76	No LPH
	04/12/93		70.96	250.83	No LPH
	06/01/93		67.64	254.15	No LPH
	07/15/93		54.40	267.39	No LPH
	08/15/93		67.85	253.94	No LPH
	09/29/93		67.62	254.17	No LPH
	10/28/93		66.15	255.49	No LPH
	11/23/93		64.80	256.84	No LPH
	11/16/94		54.36	268.74	No LPH
	02/15/95		51.20	270.59	No LPH
	05/09/95		45.49	276.30	No LPH
	08/21/95		42.35	279.44	No LPH
	11/30/95		43.60	278.19	No LPH
	03/28/96		37.12	284.67	No LPH
	05/31/96		35.67	286.12	No LPH
	08/28/96		40.22	281.57	No LPH

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Top of Riser Elevation (ft) ^a	Depth to Water (ft)	Ground Water Elevation (ft)	Liquid-Phase Hydrocarbon Thickness (feet)
MW-6	05/11/88	NM	37.31	NM	No LPH
	06/06/88		38.70	NM	No LPH
	06/23/88		39.23	NM	No LPH
	06/28/88		39.74	NM	No LPH
	07/13/88		40.78	NM	No LPH
	08/05/88		41.72	NM	No LPH
	08/12/88		42.14	NM	No LPH
	08/17/88		NM	NM	No observation
	08/26/88		42.51	NM	No LPH
	09/07/88		42.85	NM	No LPH
	10/24/88		Well Destroyed		
MW-7	07/13/88	321.27	40.50	280.77	No LPH
	07/22/88		41.85 ^c	279.42	No LPH
	08/05/88		41.45 ^c	279.82	No LPH
	08/12/88		42.69	278.58	No observation
	09/07/88		42.60	278.67	No observation
	12/07/88		NM	NM	No observation
	01/17/89		43.20	278.07	No observation
	02/09/89		NM	NM	No observation
	10/12/89		49.93	271.34	No LPH
	11/28/89		57.61 ^c	263.66	No LPH
	01/09/90		57.57 ^c	263.70	No LPH
	01/26/90		57.54 ^c	263.73	No LPH
	01/26/90		49.08	272.19	No LPH
	02/23/90		55.26 ^c	266.01	No LPH
	02/23/90		48.93	272.34	No LPH
	03/26/90		57.52 ^c	263.75	No LPH
	03/26/90		48.60	272.67	No LPH
	04/18/90		57.55 ^c	263.72	No LPH
	05/17/90		57.40 ^c	263.87	No LPH
	06/11/90		50.68	270.59	No LPH
	07/30/90		NM	NM	No observation
	08/27/90		53.05	268.22	No LPH
	09/28/90		NM	NM	No observation
	12/27/90		NM	NM	No observation
03/20/91		54.11	267.16	No LPH	
06/20/91		55.14	266.13	No LPH	
09/12/91		55.84	265.43	No LPH	
12/30/91		55.21	266.06	No LPH	
01/30/92		54.88	266.39	No LPH	

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Top of Riser Elevation (ft) ^a	Depth to Water (ft)	Ground Water Elevation (ft)	Liquid-Phase Hydrocarbon Thickness (feet)
MW-7 (Cont.)	03/02/92	321.27	NM	NM	No observation
	03/24/92		NM	NM	No observation
	04/14/92		NM	NM	No observation
	05/21/92		53.36	267.91	No LPH
	06/08/92		54.20	267.07	No LPH
	07/14/92		53.31	267.96	No LPH
	08/10/92		54.01	267.26	No LPH
	09/16/92		55.97	265.30	No LPH
	10/07/92		56.09	265.18	No LPH
	11/09/92		54.16	267.11	No LPH
	12/10/92		56.02	265.25	No LPH
	01/26/93		56.15	265.12	No LPH
	02/16/93		56.23	265.04	No LPH
	03/11/93		55.82	265.45	No LPH
	04/12/93		55.45	265.82	No LPH
	06/01/93		54.90	266.37	No LPH
	07/15/93		54.50	266.77	No LPH
	08/15/93		54.25	267.02	No LPH
	09/29/93		54.55	266.72	No LPH
	10/28/93		54.94	266.92	No LPH
	11/23/93		54.73	267.13	No LPH
	11/16/94		52.74	268.53	No LPH
	02/15/95		50.05	271.22	No LPH
	05/09/95		44.61	276.66	No LPH
	08/21/95		41.40	279.87	No LPH
	11/30/95		39.64	281.63	No LPH
	03/28/96		36.42	284.85	No LPH
	05/31/96		34.87	286.40	No LPH
	08/28/96		39.11	282.16	No LPH

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Top of Riser Elevation (ft) ^a	Depth to Water (ft)	Ground Water Elevation (ft)	Liquid-Phase Hydrocarbon Thickness (feet)
MW-8	10/01/89	321.86	53.88	267.98	No LPH
	11/28/89		53.74	268.12	No LPH
	01/09/90		57.90	263.96	No LPH
	01/26/90		53.57	268.29	No LPH
	02/23/90		52.16	269.70	No LPH
	03/26/90		52.80 ^c	269.06	No LPH
	04/18/90		51.60	270.26	No LPH
	05/17/90		58.21	263.65	No LPH
	06/11/90		58.65	263.21	No LPH
	07/30/90		64.33	257.53	No LPH
	08/27/90		70.41	251.45	No LPH
	09/28/90		71.93	249.93	No LPH
	12/27/90		66.60	255.26	No LPH
	03/20/91		60.75	261.11	No LPH
	06/20/91		88.77	233.09	No LPH
	09/12/91		103.17	218.69	No LPH
	12/30/91		81.15	240.71	No LPH
	01/30/92		81.69	240.17	No LPH
	03/02/92		78.45	243.41	No LPH
	03/24/92		76.55	245.31	No LPH
	04/14/92		75.56	246.30	No LPH
	05/21/92		86.99	234.87	No LPH
	06/08/92		91.69	230.17	No LPH
	07/14/92		94.65	227.21	No LPH
	08/10/92		95.02	226.84	No LPH
	09/16/92		91.90	229.96	No LPH
	10/07/92		DRY	DRY	No observation
	11/09/92		84.35	237.51	No LPH
	12/10/92		82.20	239.66	No LPH
	01/26/93		78.63	243.23	No LPH
	02/16/93		76.90	244.96	No LPH
	03/11/93		74.39	247.47	No LPH
	04/12/93		71.20	250.66	No LPH
	06/01/93		68.04	253.82	No LPH
	07/15/93		78.05	243.81	No LPH
08/15/93		78.45	243.41	No LPH	
09/29/93		73.64	248.22	No LPH	
10/28/93		67.53	253.91	No LPH	
11/23/93		64.68	256.76	No LPH	
11/16/94		55.47	266.39	No LPH	
02/15/95		52.00	269.86	No LPH	
05/09/95		46.60	275.26	No LPH	

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Top of Riser Elevation (ft) ^a	Depth to Water (ft)	Ground Water Elevation (ft)	Liquid-Phase Hydrocarbon Thickness (feet)
MW-8 (Cont.)	08/21/95	321.86	43.86	278.00	No LPH
	11/30/95		41.25	280.61	No LPH
	03/28/96		37.71	284.15	No LPH
	05/31/96		36.71	285.15	No LPH
	08/28/96		42.80	279.06	No LPH
MW-9	10/12/89	321.44	50.24	271.20	No LPH
	11/28/89		50.59	270.85	0.1
	12/01/89		50.32	271.12	0.02
	12/07/89		50.13	271.31	0.16
	12/13/89		49.91	271.53	Slight Sheen
	12/20/89		49.78	271.66	Slight Sheen
	01/02/90		NM	NM	No observation
	01/09/90		49.39	272.05	Slight Sheen
	01/26/90		49.30	272.14	No LPH
	02/23/90		49.06 ^c	272.38	No LPH
	02/23/90		49.05	272.39	No LPH
	03/26/90		48.75 ^c	272.69	No LPH
	03/26/90		48.73	272.71	Slight sheen
	04/18/90		48.81	272.63	No LPH
	05/17/90		49.96	271.48	No LPH
	06/11/90		51.58	269.86	No LPH
	07/30/90		DRY	DRY	No observation
	08/27/90		DRY	DRY	No observation
	09/28/90		DRY	DRY	No observation
	12/27/90		NA	NA	No observation
	03/20/91		DRY	DRY	No observation
	06/20/91		49.63	271.81	No LPH
	09/12/91		NM	NM	No Observation
	12/30/91		NM	NM	No observation
	01/30/92		NM	NM	No observation
	03/02/92		NM	NM	No observation
03/24/92	NM	NM	No observation		
04/14/92	NM	NM	No observation		
05/21/92	NM	NM	No observation		
06/08/92	NM	NM	No observation		

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Top of Riser Elevation (ft) ^a	Depth to Water (ft)	Ground Water Elevation (ft)	Liquid-Phase Hydrocarbon Thickness (feet)	
MW-9 (Cont.)	07/14/92	321.44	NM	NM	No observation	
	08/10/92		NM	NM	No observation	
	09/16/92		NM	NM	No observation	
	10/07/92		DRY	DRY	No observation	
	11/09/92		DRY	DRY	No observation	
	12/10/92		NM	NM	No observation	
	01/26/93		DRY	DRY	No Observation	
	02/16/93		DRY	DRY	No observation	
	03/11/93		DRY	DRY	No observation	
	04/12/93		DRY	DRY	No observation	
	06/01/93		DRY	DRY	No observation	
	07/15/93		DRY	DRY	No observation	
	08/15/93		DRY	DRY	No observation	
	09/29/93		DRY	DRY	No observation	
	10/28/93		DRY	DRY	No observation	
	11/23/93		DRY	DRY	No observation	
	11/16/94			52.62	268.82	No LPH
	02/15/95			49.76	271.68	No LPH
	05/09/95			44.30	277.14	No LPH
	08/21/95			41.11	280.33	No LPH
	11/30/95			39.40	282.04	No LPH
	03/28/96			36.13	285.31	No LPH
	05/31/96			34.56	286.88	No LPH
	08/28/96			38.80	282.64	No LPH

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Top of Riser Elevation (ft) ^a	Depth to Water (ft)	Ground Water Elevation (ft)	Liquid-Phase Hydrocarbon Thickness (feet)
MW-10	10/12/89	322.99	51.93	271.06	No LPH
	11/28/89		51.88	271.11	No LPH
	12/20/89		51.47	271.52	No LPH
	01/09/90		50.98	272.01	No LPH
	01/26/90		50.87	272.12	No LPH
	02/23/90		50.67 ^c	272.32	No LPH
	02/23/90		50.65	272.34	No LPH
	03/26/90		50.36 ^c	272.63	No LPH
	03/26/90		50.35	272.64	No LPH
	04/18/90		50.45	272.54	No LPH
	06/11/90		51.16	271.83	No LPH
	07/30/90		55.72	267.27	No LPH
	08/27/90		57.75	265.24	No LPH
	09/28/90		NM	NM	No observation
	12/27/90		58.08	264.91	No LPH
	03/20/91		57.80	265.19	No LPH
	06/20/91		58.00	264.99	No LPH
	09/12/91		DRY	DRY	No observation
	12/30/91		NM	NM	No observation
	01/30/92		DRY	DRY	No observation
	03/02/92		DRY	DRY	No observation
	03/24/92		58.53	264.46	No LPH
	04/14/92		DRY	DRY	No observation
	05/21/92		DRY	DRY	No observation
	06/08/92		DRY	DRY	No observation
	07/14/92		DRY	DRY	No observation
	08/10/92		DRY	DRY	No observation
	09/16/92		DRY	DRY	No observation
	10/07/92		DRY	DRY	No observation
	11/09/92		DRY	DRY	No observation
	12/10/92		DRY	DRY	No observation
	01/26/93		DRY	DRY	No observation
	02/16/93		58.23	264.76	No LPH
	03/11/93		57.81	265.18	No LPH
	04/12/93		57.84	265.15	No LPH
	06/01/93		57.88	DRY	No observation
	07/15/93		DRY	DRY	No observation
	08/15/93		DRY	DRY	No observation
	09/29/93		DRY	DRY	No observation
	10/28/93		DRY	DRY	No observation
	11/23/93		DRY	DRY	No observation

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Top of Riser Elevation (ft) ^a	Depth to Water (ft)	Ground Water Elevation (ft)	Liquid-Phase Hydrocarbon Thickness (feet)
MW-10 (Cont.)	11/16/94	322.99	54.82	268.17	No LPH
	02/15/95		51.90	271.09	No LPH
	05/09/95		46.32	276.67	No LPH
	08/21/95		43.06	279.93	No LPH
	11/30/95		41.34	281.65	No LPH
	03/28/96		38.15	284.84	No LPH
	05/31/96		36.61	286.38	No LPH
	08/28/96		40.86	282.13	No LPH
MW-11	11/10/89	321.77	50.64	272.13	No LPH
	11/28/89		50.51	272.26	No LPH
	12/20/89		51.47	271.30	No LPH
	01/09/90		49.68	273.09	No LPH
	01/26/90		49.55	273.22	No LPH
	02/23/90		49.37 ^c	273.40	No LPH
	02/23/90		49.35	273.42	No LPH
	03/26/90		49.03 ^c	273.74	No LPH
	04/18/90		49.12	273.65	No LPH
	05/17/90		50.30	272.47	No LPH
	06/11/90		51.16	271.61	No LPH
	07/30/90		53.50	269.27	No LPH
	08/27/90		53.65	269.12	No LPH
	09/28/90		53.62	269.15	No LPH
	12/27/90		53.63	269.14	No LPH
	03/20/91		53.26	269.51	No LPH
	06/20/91		53.60	269.17	No LPH
	09/12/91		53.60	269.17	No LPH
	12/30/91		53.95	268.82	No LPH
	01/30/92		53.65	269.12	No LPH
	03/02/92		53.68	269.09	No LPH
	03/24/92		53.70	269.07	No LPH
	04/14/92		53.66	269.11	No LPH
	05/21/92		53.62	269.15	No LPH
	06/08/92		53.61	269.16	No LPH
	07/14/92		53.53	269.24	No LPH
	08/10/92		53.58	269.19	No LPH
09/16/92	53.60	269.17	No LPH		
10/07/92	DRY	DRY	No observation		
11/09/92	DRY	DRY	No observation		
12/10/92	53.59	269.18	No LPH		
01/26/93	53.67	269.10	No LPH		
02/16/93	53.60	269.17	No LPH		
03/11/93	53.58	269.19	No LPH		

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Top of Riser Elevation (ft) ^a	Depth to Water (ft)	Ground Water Elevation (ft)	Liquid-Phase Hydrocarbon Thickness (feet)
MW-11	04/12/93	321.77	53.54	269.23	No LPH
(Cont.)	06/01/93		53.52	269.25	No LPH
	07/15/93		53.60	269.17	No LPH
	08/15/93		53.55	269.22	No LPH
	09/29/93		53.62	269.15	No LPH
	10/28/93		53.63	269.14	No LPH
	11/23/93		53.58	269.19	No LPH
	11/16/94		53.46	268.31	No LPH
	02/15/95		50.57	271.20	No LPH
	05/09/95		45.05	276.72	No LPH
	08/21/95		41.88	279.89	No LPH
	11/30/95		40.04	281.73	No LPH
	03/28/96		36.90	284.87	No LPH
	05/31/96		35.34	286.43	No LPH
	08/28/96		39.56	282.21	No LPH

^a The tops of well risers surveyed relative to mean sea level.

^b Not measured.

^c Water level recorded during pumping of MW-7.

^d Not calculated due to liquid phase hydrocarbons present.

^e Anomalous water level possibly due to recharge from a perched water zone.

^f Casing head cut to lower elevation.

^g Casing head damaged by construction.

NOTE: Well measurements and observations between April 6, 1988 and November 23, 1994, were recorded by RESNA, Inc.

TABLE 2

GROUND WATER ANALYTICAL RESULTS

Concentrations in micrograms per liter ($\mu\text{g/L}$)

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH ^a as gasoline	MTBE ^b	
MW-1	04/02/88	<0.5	1.7	<0.5	<0.5	<20	NA ^c	
	07/06/88	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/13/88	<0.5	<0.5	<0.5	<0.5	<20	NA	
	09/07/88	<0.5	<0.5	<0.5	<0.5	<20	NA	
	03/03/89	1.6	<0.5	<0.5	<0.5	<20	NA	
	06/30/89	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/17/89	<0.5	<0.5	<0.5	<0.5	23	NA	
	07/20/89	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/26/89	<0.5	<0.5	<0.5	<0.5	<20	NA	
	08/02/89	<0.5	<0.5	<0.5	<0.5	<20	NA	
	09/13/89	39	0.6	<0.5	5.1	220	NA	
	12/20/89	56	0.72	<0.5	0.71	220	NA	
	01/25/90	18	1.6	<0.5	1.8	57	NA	
	02/27/90	3.2	2.3	<0.5	3.2	55	NA	
	03/26/90	<0.5	<0.5	<0.5	<0.5	<20	NA	
	04/18/90	1.1	1.6	<0.5	3.1	25	NA	
	05/17/90	<0.5	<0.5	<0.5	<0.5	<20	NA	
	06/11/90	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/30/90	<0.5	<0.5	<0.5	<0.5	<20	NA	
	08/27/90	<0.5	<0.5	<0.5	<0.5	<20	NA	
	09/28/90	<0.5	<0.5	<0.5	<0.5	<50	NA	
	12/10/92	Not Accessible						
	02/16/93	Not Accessible						
	04/12/93	Not Accessible						
	09/30/93	<0.5	<0.5	<0.5	<0.5	<50	NA	
	11/24/93	<0.5	<0.5	<0.5	<0.5	<50	NA	
	11/16/94	<0.5	<0.5	<0.5	<0.5	<50	NA	
	02/15/95	<0.5	<0.5	<0.5	<0.5	<50	NA	
	05/09/95	<0.5	<0.5	<0.5	<0.5	<50	NA	
	08/21/95	<0.5	0.83	<0.5	<0.5	<50	<2.5	
	11/30/95	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	03/28/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
05/31/96	<0.5	<0.5	<0.5	<0.5	52	<5.0		
08/28/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0		
MW-2	07/06/88	25,700	18,500	2,900	21,400	62,000	NA	
	07/12/88	Well Destroyed						
MW-3	04/06/88	<0.5	<0.5	<0.5	<0.5	20	NA	
	07/06/88	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/13/88	<0.5	<0.5	<0.5	<0.5	<20	NA	
	08/26/88	<0.5	<0.5	<0.5	<0.5	<20	NA	
	08/29/88	Well Destroyed						

TABLE 2-Continued

GROUND WATER ANALYTICAL RESULTS

Concentrations in micrograms per liter ($\mu\text{g/L}$)

Exxon Service Station No. 7-3399

2991 Hopyard Road

Pleasanton, California

<u>Monitoring Well</u>	<u>Date</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl-benzene</u>	<u>Total Xylenes</u>	<u>TPH^a as gasoline</u>	<u>MTBE^b</u>
MW-4	04/11/88	1.8	16.3	0.6	7.1	80	NA
	07/06/88	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/13/88	<0.5	0.9	<0.5	<0.5	<20	NA
	03/08/89	3.8	1.0	<0.5	<0.5	440	NA
	06/30/89	<0.5	<0.5	<0.5	<0.5	100	NA
	07/17/89	<0.5	<0.5	<0.5	<0.5	390	NA
	07/20/89	<0.5	<0.5	<0.5	<0.5	200	NA
	07/26/89	<0.5	<0.5	<0.5	<0.5	66	NA
	08/02/89	NA	NA	NA	NA	NA	NA
	09/13/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	12/20/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	03/26/90	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/01/90	<0.5	<0.5	<0.5	<0.5	<20	NA
	12/27/90	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/20/91	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/24/92	<0.5	<0.5	<0.5	<0.5	<50	NA
	12/10/92	Not Accessible					
	02/16/93	57	34	11	200	600	NA
	04/12/93	20	10	22	80	360	NA
	09/30/93	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/24/93	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	<0.5	<0.5	<0.5	<0.5	<50	2.6
	11/30/95	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96	NS	NS	NS	NS	NS	NS

TABLE 2-Continued

GROUND WATER ANALYTICAL RESULTS

Concentrations in micrograms per liter ($\mu\text{g/L}$)

Exxon Service Station No. 7-3399
 2991 Hopyard Road
 Pleasanton, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH ^a as gasoline	MTBE ^b
MW-5S	05/25/88	<0.5	0.9	<0.5	<0.5	<20	NA
	07/06/88	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/13/88	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/22/88	0.9	4.1	1.3	8.7	50	NA
	08/05/88	<0.5	<0.5	<0.5	<0.5	<20	NA
	09/07/88	<0.5	<0.5	<0.5	<0.5	<20	NA
	03/08/89	<0.5	<0.5	<0.5	<1.0	<20	NA
	06/30/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/17/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/20/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/26/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/02/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	09/13/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	12/20/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	03/26/90	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/01/90	<0.5	<0.5	<0.5	<0.5	<50	NA
	12/27/90	<0.5	<0.5	<0.5	<0.5	<50	NA
	12/10/92	NS ^d	NS	NS	NS	NS	NS
	02/16/93	NS	NS	NS	NS	NS	NS
	04/12/93	11	5.9	13	48	220	NA
	09/30/93	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/24/93	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0

TABLE 2-Continued

GROUND WATER ANALYTICAL RESULTS

Concentrations in micrograms per liter ($\mu\text{g/L}$)

Exxon Service Station No. 7-3399
 2991 Hopyard Road
 Pleasanton, California

<u>Monitoring Well</u>	<u>Date</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl-benzene</u>	<u>Total Xylenes</u>	<u>TPH^a as gasoline</u>	<u>MTBE^b</u>
MW-5D	05/25/88	<0.5	3.1	<0.5	<0.5	<20	NA
	07/06/88	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/13/88	<0.5	<0.5	<0.5	<0.5	40	NA
	03/08/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	06/30/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/17/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/20/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/26/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/02/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	09/13/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	12/20/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	03/26/90	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/01/90	<0.5	<0.5	<0.5	<0.5	<20	NA
	12/27/90	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/20/91	<0.5	<0.5	<0.5	<0.5	<50	NA
	06/20/91	<0.5	<0.5	<0.5	<0.5	<50	NA
	12/10/92	NS	NS	NS	NS	NS	NS
	02/16/93	NS	NS	NS	NS	NS	NS
	04/12/93	1.0	1.0	2.5	7.4	<50	NA
	09/30/93	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/24/93	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	NS	NS	NS	NS	NS	NS
	05/12/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95	5.4	10	1.4	12	77	<5.0
	03/28/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	MW-6	05/17/88	<0.5	<0.5	<0.5	<0.5	<20
06/28/88		31.8	7.5	5.4	6.7	440	NA
07/13/88		162.3	7.7	22.5	14.1	290	NA
08/05/88		245	5.2	47.1	23.7	1,180	NA
09/07/88		474	16	262	136	2,920	NA
10/24/88							

Well Destroyed

TABLE 2-Continued

GROUND WATER ANALYTICAL RESULTS

Concentrations in micrograms per liter ($\mu\text{g/L}$)

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH ^a as gasoline	MTBE ^b
MW-7	07/13/88	860	1,910	710	4,420	16,700	NA
	07/22/88	136	85	5	58	460	NA
	08/05/88	73.3	52.8	2.3	28.1	270	NA
	02/09/89	600	688	10	448	6,700	NA
	06/30/89	180	50	13	40	1,100	NA
	08/02/89	1.6	<0.5	<0.5	0.6	31	NA
	09/13/89	<0.5	2.6	<0.5	12	87	NA
	12/20/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	06/20/91	<0.5	1.8	0.6	4.1	74	NA
	09/12/91	3.5	<0.5	1.7	6.8	<50	NA
	12/30/91	<0.5	<0.5	<0.5	<0.5	<50	NA
	06/08/92	<0.5	<0.5	<0.5	<0.5	<50	NA
	12/10/92	NS	NS	NS	NS	NS	NS
	02/16/93	28	30	17	200	600	NA
	04/12/93	NS	NS	NS	NS	NS	NS
	09/30/93	NS	NS	NS	NS	NS	NS
	11/24/93	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	<0.5	<0.5	<0.5	<0.5	<50	4.1
	11/30/95	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96	<0.5	<0.5	<0.5	<0.5	50	<5.0
	08/28/96	NS	NS	NS	NS	NS	NS

TABLE 2-Continued

GROUND WATER ANALYTICAL RESULTS

Concentrations in micrograms per liter ($\mu\text{g/L}$)

Exxon Service Station No. 7-3399

2991 Hopyard Road

Pleasanton, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH ^a as gasoline	MTBE ^b
MW-8	10/03/89	<0.5	<0.5	<0.5	<0.5	<20	NA
	12/20/89	<0.5	<0.5	<0.5	0.61	<20	NA
	01/31/90	<0.5	<0.5	<0.5	0.87	<20	NA
	02/09/90	<0.5	<0.5	<0.5	1.1	<20	NA
	(Blank)	<0.5	<0.5	<0.5	<0.5	<20	NA
	03/26/90	<0.5	<0.5	<0.5	<0.5	<20	NA
	(Blank)	<0.5	<0.5	<0.5	<0.5	<20	NA
	04/18/90	<0.5	0.58	<0.5	1.1	<20	NA
	05/17/90	<0.5	<0.5	<0.5	<0.5	<20	NA
	06/11/90	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/01/90	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/27/90	<0.5	<0.5	<0.5	0.5	<20	NA
	09/28/90	<0.5	<0.5	<0.5	0.5	<50	NA
	12/27/90	<0.5	<0.5	<0.5	0.6	<50	NA
	03/20/91	<0.5	<0.5	<0.5	<0.5	<50	NA
	06/20/91	<0.5	<0.5	<0.5	0.6	<50	NA
	10/14/91	<0.5	<0.5	<0.5	<0.5	<50	NA
	12/30/91	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/24/92	<0.5	<0.5	<0.5	<0.5	<50	NA
	06/08/92	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/16/92	<0.5	0.9	<0.5	<0.5	<50	NA
	12/10/92	<0.5	0.6	<0.5	<0.5	<50	NA
	02/16/93	0.7	0.6	<0.5	2.3	<50	NA
	04/12/93	26	7.3	11	38	230	NA
	09/30/93	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/24/93	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	NS	NS	NS	NS	NS	NS
	05/12/95	2.3	1.2	2.0	7.4	<50	NA
	08/21/95	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95	<0.5	<0.5	0.69	2.7	<50	<5.0
	03/28/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
08/28/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0	

TABLE 2-Continued

GROUND WATER ANALYTICAL RESULTS

Concentrations in micrograms per liter ($\mu\text{g/L}$)

Exxon Service Station No. 7-3399

2991 Hopyard Road

Pleasanton, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH ^a as gasoline	MTBE ^b	
MW-9	10/03/89	1,000	9,200	3,000	13,000	89,000	NA	
	12/20/89	6,300	31,000	9,500	55,000	190,000	NA	
	01/25/90	2,400	9,400	2,700	15,000	77,000	NA	
	02/27/90	1,200	7,100	2,300	14,000	97,000	NA	
	03/26/90	1,800	7,700	2,000	11,000	89,000	NA	
	04/18/90	2,000	7,500	2,500	16,000	110,000	NA	
	05/17/90	1,500	5,700	2,300	14,000	81,000	NA	
	06/20/90	<0.5	<0.5	<0.5	<0.5	430	NA	
	12/10/92	Not Accessible						
	11/16/94	NS ^d	NS	NS	NS	NS	NS	
	02/15/95	<0.5	<0.5	<0.5	<0.5	<50	NA	
	05/09/95	<0.5	<0.5	<0.5	<0.5	<50	NA	
	08/21/95	270	51	5.2	140	1,100	<25 ^e	
	11/30/95	920	680	120	870	6,600	<100 ^e	
	03/28/96	72	28	1.8	49	360	<10 ^e	
	05/31/96	2,800	510	<50 ^e	400	8,200	<5.0	
	08/28/96	1.6	<0.5	<0.5	9.6	160	28	
	MW-10	10/12/89	<0.5	<0.5	<0.5	<0.5	20	NA
		12/20/89	<0.5	<0.5	<0.5	<0.5	<20	NA
		03/26/90	<0.5	<0.5	<0.5	<0.5	<20	NA
08/01/90		<0.5	<0.5	<0.5	<0.5	<20	NA	
02/16/93		Not Accessible						
04/12/93		21	11	21	75	350	NA	
11/16/94		<0.5	<0.5	<0.5	<0.5	<50	NA	
02/15/95		<0.5	<0.5	<0.5	<0.5	<50	NA	
05/09/95		<0.5	<0.5	<0.5	<0.5	<50	NA	
08/21/95		<0.5	<0.5	<0.5	<0.5	<50	<2.5	
11/30/95		<0.5	<0.5	<0.5	<0.5	<50	<5.0	
03/28/96		<0.5	<0.5	<0.5	<0.5	<50	<5.0	
05/31/96		<0.5	<0.5	<0.5	<0.5	<50	<5.0	
08/28/96		NS	NS	NS	NS	NS	NS	

TABLE 2-Continued

GROUND WATER ANALYTICAL RESULTS

Concentrations in micrograms per liter ($\mu\text{g/L}$)

Exxon Service Station No. 7-3399

2991 Hopyard Road

Pleasanton, California

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH ^a as gasoline	MTBE ^b
MW-11	11/16/89	4.1	9.4	0.74	20	150	NA
	12/20/89	7.2	7.5	2.9	13	150	NA
	03/26/90	<0.5	<0.5	<0.5	2.7	32	NA
	07/30/90	<0.5	<0.5	<0.5	3.8	26	NA
	12/10/92	NS	NS	NS	NS	NS	NS
	02/16/93	NS	NS	NS	NS	NS	NS
	04/12/93	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/30/93	NS	NS	NS	NS	NS	NS
	11/24/93	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94	NS	NS	NS	NS	NS	NS
	02/15/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	<0.5	<0.5	<0.5	<0.5	<50	2.8
	11/30/95	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96	NS	NS	NS	NS	NS	NS
VR-1	03/24/92	1.7	<0.5	<0.5	<0.5	<50	NA

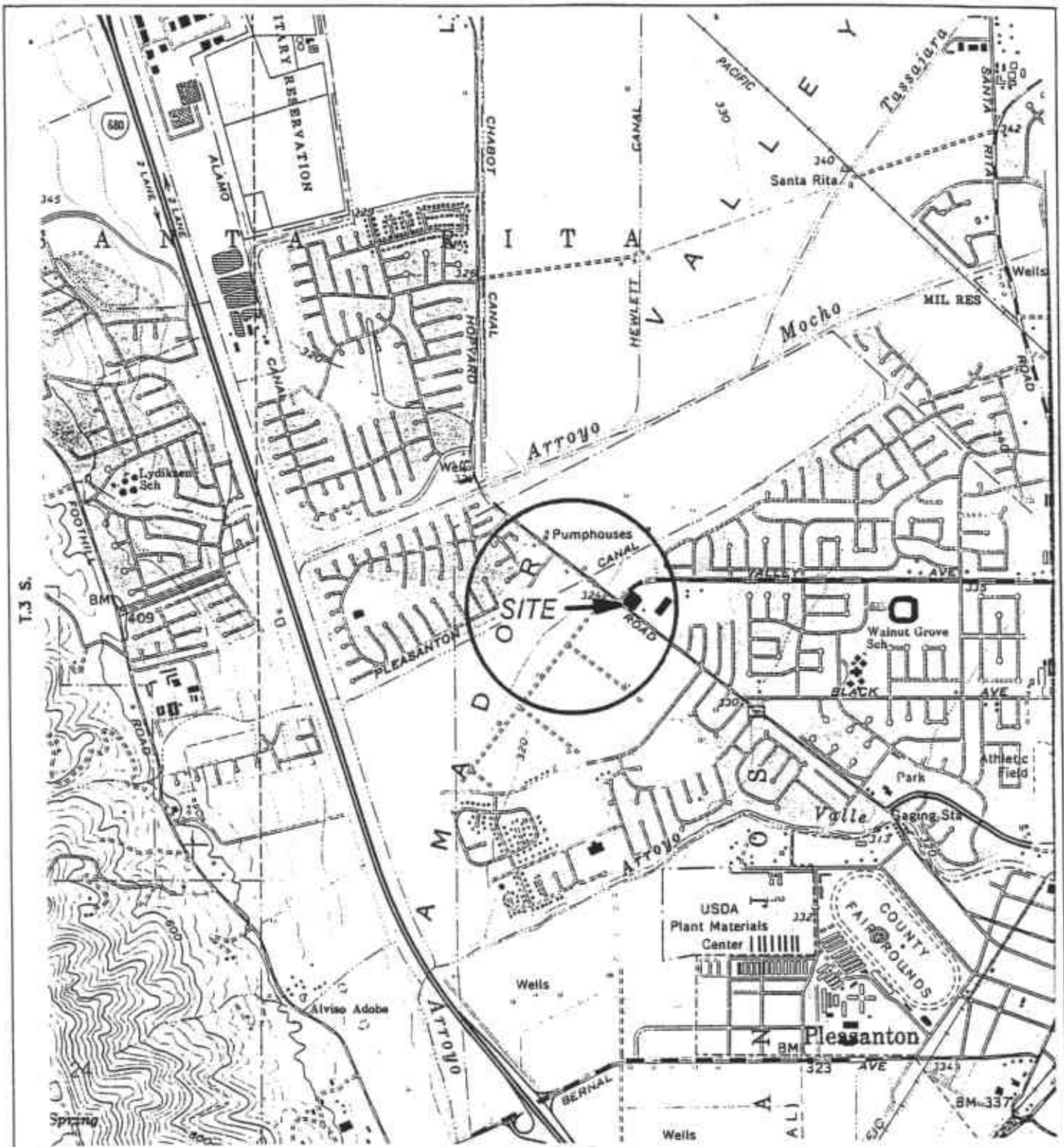
^a Total petroleum hydrocarbons by EPA Method 8015 Modified.

^b Methyl tertiary butyl ether by EPA Method 8020.

^c Not analyzed.

^d Not sampled.

^e Elevated detection limit quantified by multiplying laboratory reporting limits by Report Limit Multiplication Factor.



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

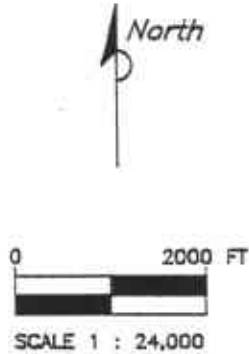
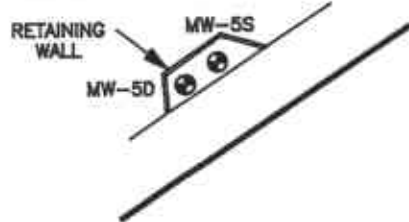


FIGURE 1
 SITE LOCATION MAP
 EXXON STATION NO 7-3399
 2991 HOPYARD ROAD
 PLEASANTON, CA.

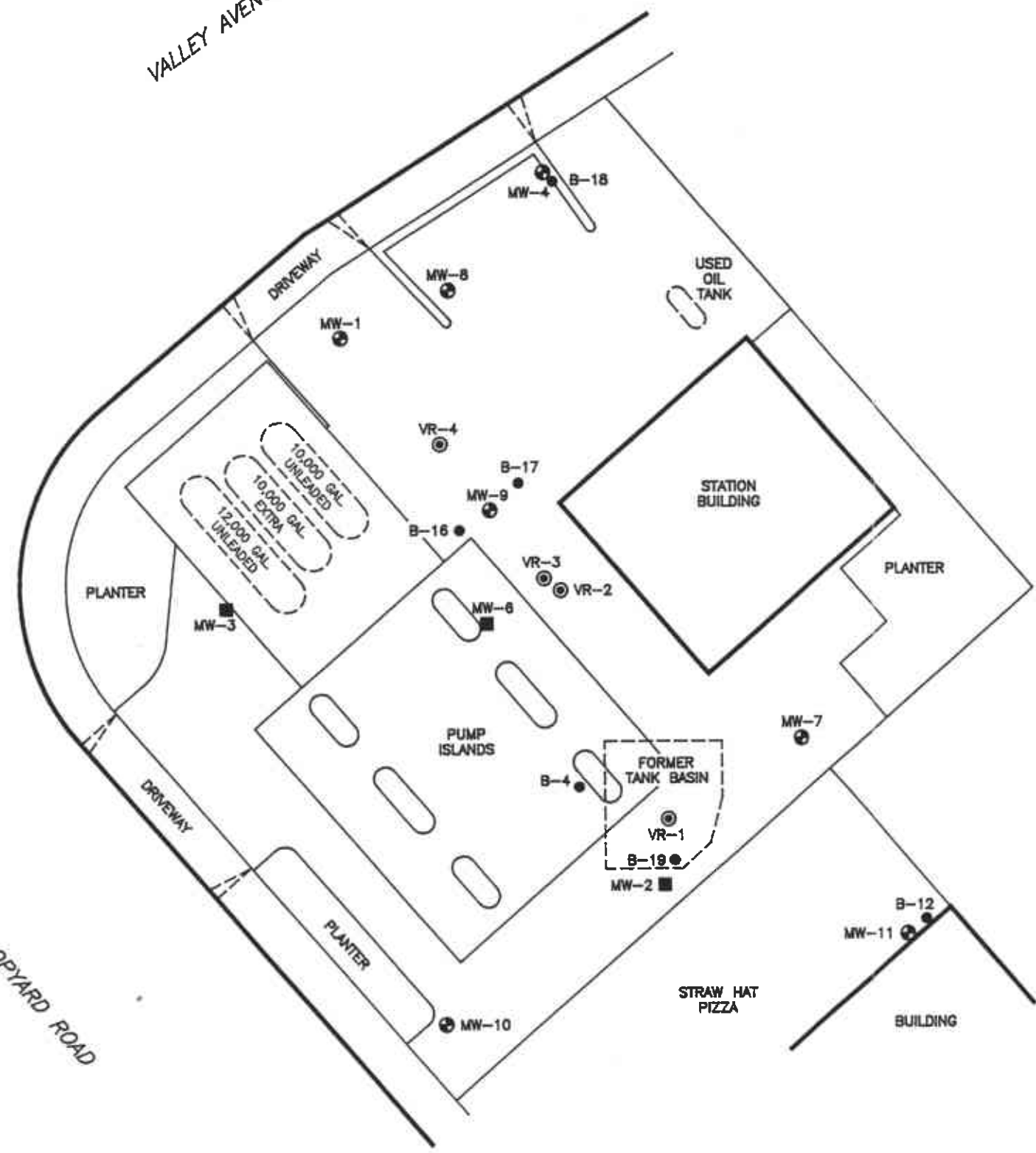
PROJECT NO. 0094-838	DRAWN BY I.H. 9/22/84
FILE NO. —	PREPARED BY TMO
REVISION NO. 1	REVIEWED BY <i>[Signature]</i>





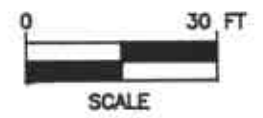
VALLEY AVENUE

HOPYARD ROAD



LEGEND:

- B-12 SOIL BORING LOCATION
- ⊙ VR-1 VAPOR EXTRACTION WELL LOCATION
- MW-2 DESTROYED MONITORING WELL
- ⊕ MW-1 MONITORING WELL LOCATION



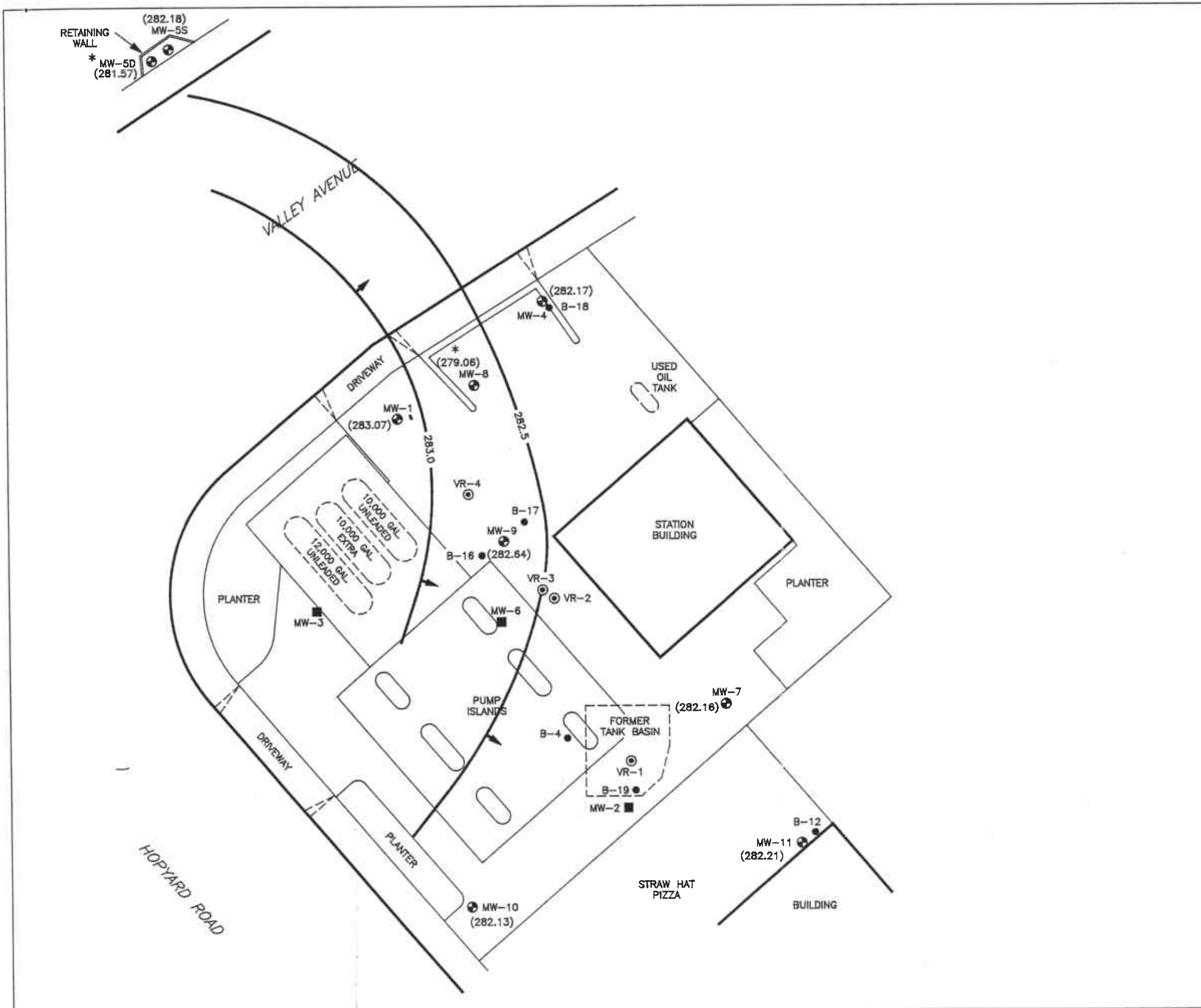
NOTE:

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

FIGURE 2
SITE MAP
EXXON STATION NO 7-3399
2991 HOPYARD ROAD
PLEASANTON, CA.

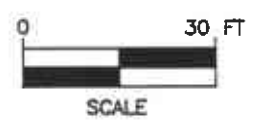
PROJECT NO. 0094-836	DRAWN BY L.H. 5/20/96
FILE NO. 94-836-1	PREPARED BY CKA
REVISION NO. 2	REVIEWED BY CKA

Delta
Environmental
Consultants, Inc.



- LEGEND:
- B-12 SOIL BORING LOCATION
 - ⊙ VR-1 VAPOR EXTRACTION WELL LOCATION
 - MW-2 DESTROYED MONITORING WELL
 - ⊕ MW-1 MONITORING WELL LOCATION
 - (283.07) GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
 - 282.5 — WATER TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL
 - ➔ GROUND WATER FLOW DIRECTION

NOTE:
 * MONITORING WELLS MW-5D AND MW-8 WERE NOT USED IN THE CALCULATION OF THE WATER TABLE CONTOURS BECAUSE THEY ARE SCREENED IN LOWER WATER BEARING ZONES.

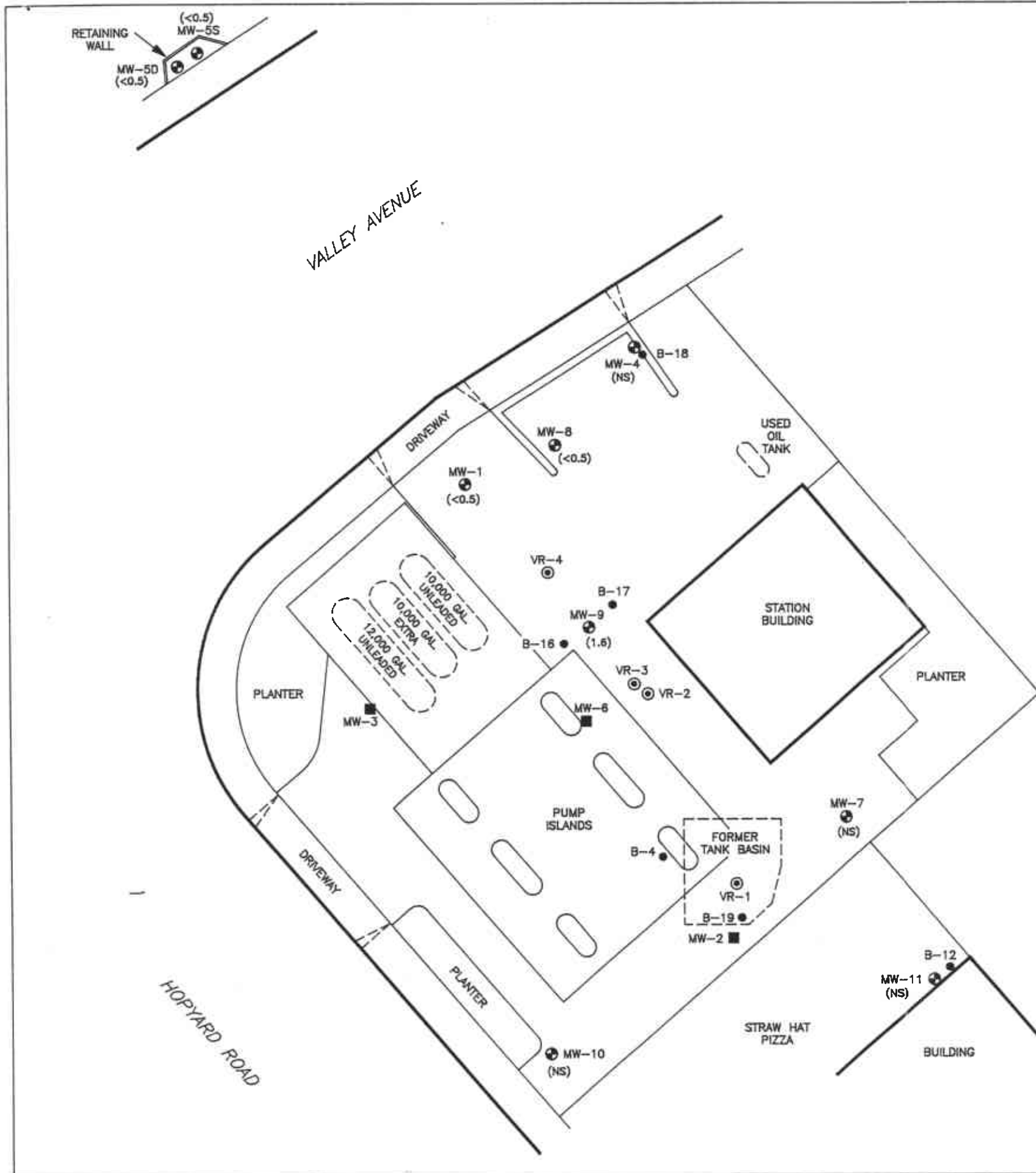


NOTE:
 BASE MAP ADAPTED FROM RESNA FIGURE. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

FIGURE 3
WATER TABLE CONTOUR MAP - 8/28/96
 EXXON STATION NO 7-3399
 2991 HOPYARD ROAD
 PLEASANTON, CA.

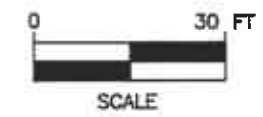
PROJECT NO. D094-836	DRAWN BY M.L. 9/19/96
FILE NO. 94-836-1	PREPARED BY CKA
REVISION NO. 1	REVIEWED BY CIA

Delta
Environmental
Consultants, Inc.



LEGEND:

- B-12 SOIL BORING LOCATION
- ⊙ VR-1 VAPOR EXTRACTION WELL LOCATION
- MW-2 DESTROYED MONITORING WELL
- ⊕ MW-1 MONITORING WELL LOCATION
- <math>(<0.5)</math> DISSOLVED BENZENE CONCENTRATION IN GROUND WATER IN MICROGRAMS PER LITER
- (NS) NOT SAMPLED



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

FIGURE 4
 DISSOLVED BENZENE CONCENTRATIONS
 8/28/96
 EXXON STATION NO 7-3399
 2991 HOPYARD ROAD
 PLEASANTON, CA.

PROJECT NO. D094-836	DRAWN BY M.L. 10/9/96	
FILE NO. 94-836-1	PREPARED BY CKA	
REVISION NO. 2	REVIEWED BY CJA	

ENCLOSURE A
Field Methods and Procedures

FIELD METHODS AND PROCEDURES

1.0 GROUND WATER AND LIQUID-PHASE HYDROCARBON DEPTH ASSESSMENT

A water/petroleum interface probe was used to assess the thickness of liquid-phase hydrocarbon (LPH) if present, and a water level indicator was used to assess ground water depth in monitoring wells that do not contain LPH. Depth to ground water was measured from the top of each monitoring well casing. The tip of the water level indicator was subjectively analyzed for hydrocarbon sheen. All measurements and physical observations were recorded in the field.

2.0 SUBJECTIVE ANALYSIS OF GROUND WATER

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

3.0 MONITORING WELL PURGING AND SAMPLING

Monitoring wells were purged using a centrifugal pump until pH, temperature, and conductivity of the purge water had stabilized and a minimum of three well volumes of water had been removed. Ground water removed from the wells was stored in 55-gallon barrels at the site. The barrels were labeled with corresponding monitoring well numbers and the date of purging. After purging, ground water levels were allowed to stabilize. A ground water sample was then removed from each of the wells using a disposal bailer. If the well was purged dry, it was allowed to sufficiently recharge and a sample was collected. Samples were collected in air-tight vials, appropriately labeled, and stored on ice from the time of collection through the time of delivery to the laboratory. A chain-of-custody form was completed to document possession of the samples. Ground water samples were transported to the laboratory and analyzed within the EPA-specified holding times for the requested analyses. Purge water will be collected from the storage barrels in a vacuum truck and transported to an appropriate facility for treatment and/or disposal.

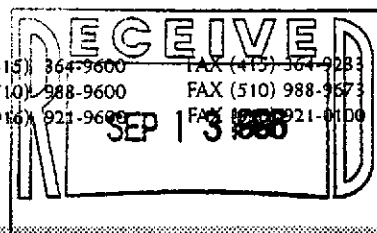
ENCLOSURE B
Laboratory Analytical Report



**Sequoia
Analytical**

680 Chesapeake Drive Redwood City, CA 94063
404 N. Wiget Lane Walnut Creek, CA 94598
819 Striker Avenue, Suite 8 Sacramento, CA 95834

(415) 864-9600 FAX (415) 364-9283
(510) 988-9600 FAX (510) 988-9573
(916) 921-9600 FAX (916) 921-0100



Delta Environmental Consultants 3164 Gold Camp Dr., Suite 200 Rancho Cordova, CA 95670 Attention: C. Keoni Almeida	Client Project ID: Exxon #7-3399, Pleasanton, CA Sample Matrix: Water Analysis Method: EPA 5030/8015/8020 First Sample #: 608-1169	Sampled: Aug 28, 1996 Received: Aug 29, 1996 Reported: Sep 10, 1996
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TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 608-1169 MW-5S	Sample I.D. 608-1170 MW-5D	Sample I.D. 608-1171 MW-1	Sample I.D. 608-1172 MW-9	Sample I.D. 608-1173 MW-8
Purgeable Hydrocarbons	50	N.D.	N.D.	N.D.	160	N.D.
Benzene	0.50	N.D.	N.D.	N.D.	1.6	N.D.
Toluene	0.50	N.D.	N.D.	N.D.	N.D.	N.D.
Ethyl Benzene	0.50	N.D.	N.D.	N.D.	N.D.	N.D.
Total Xylenes	0.50	N.D.	N.D.	N.D.	9.6	N.D.
Chromatogram Pattern:		--	--	--	Weathered Gasoline C6-C12	--

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	1.0
Date Analyzed:	09/04/96	09/04/96	09/06/96	09/04/96	09/04/96
Instrument Identification:	GCHP-1	GCHP-1	GCHP-1	GCHP-1	GCHP-1
Surrogate Recovery, %: (QC Limits = 70-130%)	90	95	90	85	99

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





Delta Environmental Consultants	Client Project ID: Exxon #7-3399, Pleasanton, CA	Sampled: Aug 28, 1996
3164 Gold Camp Dr., Suite 200	Sample Matrix: Water	Received: Aug 29, 1996
Rancho Cordova, CA 95670	Analysis Method: EPA 5030/8020 Modified	Reported: Sep 10, 1996
Attention: C. Keoni Almeida	First Sample #: 608-1169	

Methyl Tertiary Butyl Ether (MTBE)

Analyte	Reporting Limit µg/L	Sample I.D. 608-1169 MW-5S	Sample I.D. 608-1170 MW-5D	Sample I.D. 608-1171 MW-1	Sample I.D. 608-1172 MW-9	Sample I.D. 608-1173 MW-8
MTBE	5.0	N.D.	N.D.	N.D.	28	N.D.

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	1.0
Date Analyzed:	09/04/96	09/04/96	09/06/96	09/04/96	09/04/96
Instrument Identification:	GCHP-1	GCHP-1	GCHP-1	GCHP-1	GCHP-1
Surrogate Recovery: (QC Limits = 70-130%)	90	95	90	85	99

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





Delta Environmental Consultants Client Project ID: Exxon #7-3399, Pleasanton, CA
 3164 Gold Camp Dr., Suite 200 Matrix: Water
 Rancho Cordova, CA 95670
 Attention: C. Keoni Almeida QC Sample Group 6081169-73 Reported: Sep 10, 1996

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl- Benzene	Xylenes
	Method:	EPA 8020	EPA 8020	EPA 8020
Analyst:	B. Williams	B. Williams	B. Williams	B. Williams
Concentration Spiked:	10 ug/L	10 ug/L	10 ug/L	30 ug/L
LCS Batch#:	LCS090496	LCS090496	LCS090496	LCS090496
Date Prepared:	09/04/96	09/04/96	09/04/96	09/04/96
Date Analyzed:	09/04/96	09/04/96	09/04/96	09/04/96
Instrument I.D.#:	GCHP-1	GCHP-1	GCHP-1	GCHP-1
LCS % Recovery:	102	103	102	103
Control Limits:	70-130	70-130	70-130	70-130

MS/MSD Batch #:	6080042	6080042	6080042	6080042
Date Prepared:	09/04/96	09/04/96	09/04/96	09/04/96
Date Analyzed:	09/04/96	09/04/96	09/04/96	09/04/96
Instrument I.D.#:	GCHP-1	GCHP-1	GCHP-1	GCHP-1
Matrix Spike % Recovery:	104	103	103	104
Matrix Spike Duplicate % Recovery:	101	104	101	103
Relative % Difference:	2.9	0.96	2.0	0.96

SEQUOIA ANALYTICAL

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

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





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

Client Project ID: Exxon #7-3399, Pleasanton, CA
Matrix: Water

QC Sample Group 6081169-73

Reported: Sep 10, 1996

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene		Ethyl- Benzene Xylenes	
	Benzene	Toluene	Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	B. Williams	B. Williams	B. Williams	B. Williams
Concentration Spiked:	10 ug/L	10 ug/L	10 ug/L	30 ug/L
LCS Batch#:	LCS090696	LCS090696	LCS090696	LCS090696
Date Prepared:	09/06/96	09/06/96	09/06/96	09/06/96
Date Analyzed:	09/06/96	09/06/96	09/06/96	09/06/96
Instrument I.D.#:	GCHP-1	GCHP-1	GCHP-1	GCHP-1
LCS % Recovery:	107	106	106	107
Control Limits:	70-130	70-130	70-130	70-130

MS/MSD				
Batch #:	6081215	6081215	6081215	6081215
Date Prepared:	09/06/96	09/06/96	09/06/96	09/06/96
Date Analyzed:	09/06/96	09/06/96	09/06/96	09/06/96
Instrument I.D.#:	GCHP-1	GCHP-1	GCHP-1	GCHP-1
Matrix Spike % Recovery:	105	105	104	105
Matrix Spike Duplicate % Recovery:	102	104	102	103
Relative % Difference:	2.9	0.96	1.9	1.9

SEQUOIA ANALYTICAL

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

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





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(415) 364-9600 • FAX (415) 364-9233

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

Consultant's Name: <u>Delta Environmental Consultants</u>		Page <u>1</u> of <u>1</u>
Address: <u>3164 Gold Camp Dr. Rancho</u>		Site Location: <u>Pleasanton</u>
Project #:	Consultant Project #: <u>D094-836</u>	Consultant Work Release #: <u>19432526</u>
Project Contact: <u>Kroni Almeida</u>	Phone #: <u>688-2085</u>	Laboratory Work Release #:
EXXON Contact: <u>Marta Owens-Lee</u>	Phone #:	EXXON RAS #: <u>7-3399</u>
Sampled by (print): <u>Jay Steaps</u>	Sampler's Signature: <u>[Signature]</u>	
Shipment Method: <u>Sequoia</u>	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	MBE	Temperature: _____	
											Inbound Seal: Yes No	Outbound Seal: Yes No
MW-5S	8-28-96	1045	AW	HL	3	3208-1169	X			X		
MW-5D		1055				1170						
MW-1		1225				1171						
MW-9		1305				1172						
MW-8		1415				1173						

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
<u>[Signature]</u> / <u>Delta</u>	<u>8/29/96</u>	<u>1405</u>	<u>John Yowell / Sequoia</u>	<u>8/29/96</u>	<u>1405</u>	
<u>John Yowell / Sequoia</u>	<u>8/29/96</u>	<u>1515</u>	<u>[Signature]</u> / <u>Sequoia</u>	<u>8/29/96</u>	<u>1515</u>	

Pink - Client

Yellow - Sequoia

White - Sequoia