

**ExxonMobil
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Gene N. Ortega
Territory Manager
Global Remediation – U.S. Retail

ExxonMobil
Refining & Supply

May 9, 2001

MAY 14 2001

Mr. Scott Seery
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, CA 94501-6577

Subject: Former Exxon RAS #7-3399, 2991 Hopyard Road, Pleasanton, California

Dear Mr. Seery:

Attached for your review and comment is a copy of the *Report of Groundwater Monitoring, First Quarter 2001* for the above-referenced site. The report was prepared by ETIC Engineering, Inc. of Pleasant Hill, California, and summarizes the results of the March 2001 sampling event. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached report is true and correct.

If you have any questions or comments, please contact me at (925) 246-8747.

Sincerely,



Gene N. Ortega
Territory Manager

Attachment: ETIC Groundwater Monitoring Report dated May 2001

- c: w/attachment:
Mr. Chuck Headlee – Regional Water Quality Control Board, San Francisco Bay Region
Mr. Matthew Katen – Zone 7 Water Agency
Mr. Stephen Cusenza – City of Pleasanton Public Works Department
Mr. Thomas Elson – Luhdorff and Scalmanini Consulting Engineers
Mr. Winson B. Low – Valero Energy Corporation
- c: w/o attachment:
Ms. Christa Marting - ETIC Engineering, Inc.



MAY 14 2001

Report of Groundwater Monitoring First Quarter 2001

Former Exxon Retail Site 7-3399 2991 Hopyard Road Pleasanton, California

Prepared for

ExxonMobil Refining and Supply Company
P.O. Box 4032
2300 Clayton Road, Suite 1250
Concord, California 94524-4032

Prepared by

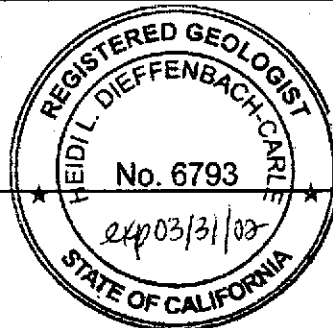
ETIC Engineering, Inc.
2285 Morello Avenue
Pleasant Hill, California 94523
(925) 602-4710

Joseph T. Muehleck
Project Manager

5/8/01

Date

Heidi Dieffenbach-Carle, R.G. #6793
Senior Geologist



may 8, 2001

Date

May 2001

SITE CONTACTS

Site Name: Former Exxon Retail Site 7-3399

Site Address: 2991 Hopyard Road
Pleasanton, California

ExxonMobil Project Manager: Gene N. Ortega
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(925) 931-5507

1. INTRODUCTION

Former Exxon RS 7-3399 is an active retail service station located at 2991 Hopyard Road, on the southeast corner of the intersection with Valley Avenue in Pleasanton, California. The site has six pump islands and two 10,000-gallon and one 12,000-gallon double-walled fiberglass underground storage tanks (USTs) for dispensing three grades of gasoline. Auto repair is conducted in the onsite station building. Operation of the site was taken over by Valero Energy Corporation in June 2000.

Three additional groundwater monitoring wells (MW12A, MW13, and MW14) were installed at the site in August 2000. A report documenting the installation of the wells was submitted under separate cover.

Well MW9 was pressure grouted and replaced with newly installed well MW9A in November 2000, as outlined in the Work Plan for Well Replacement dated October 2000. A report documenting the well replacement was submitted under separate cover.

2. SUMMARY OF RESULTS

On 28 March 2001, groundwater was gauged in wells MW1, MW4, MW5D, MW5S, MW7, MW8, MW9A, MW10, MW11, MW12A, MW13, MW14, PMW1-PMW6, VR1, VR2, OW1, and OW2. Groundwater samples were collected from wells MW1, MW4, MW5D, MW5S, MW7, MW8, MW9A, MW10, MW11, MW12A, MW13, MW14, PMW2-PMW5, VR1, VR2, OW1, and OW2. The samples were analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g), for benzene, toluene, ethylbenzene, and total xylenes (BTEX), and for methyl t-butyl ether (MTBE). Insufficient water was present in wells PMW1 and PMW6 to collect samples.

The current groundwater monitoring data are presented in boldface type in Table 1, along with previous data, and current groundwater elevations are shown in Figure 1. ~~Due to variability of groundwater elevations observed in perched zone wells (PMW1-PMW6, OW1, and OW2) during this and previous monitoring events, it is concluded that a truly representative gradient across the site cannot be estimated for the perched zone.~~ Groundwater elevations in the perched zone may be influenced by the UST backfill and water infiltration from the nearby planter. ~~The groundwater flow direction on 28 March 2001 was to the northwest at the water table (Zone 1), with a gradient of approximately 0.004 calculated using wells MW5S, MW7, and MW10. Groundwater gradient was flat in the deepest groundwater zone monitored (Zone 3), as determined using wells MW8, MW12A, and MW14, the three wells screened in this zone.~~

After the depths to water were measured, the wells were purged. Field parameters of pH, temperature, and electrical conductance of the purged water were measured for approximately every well casing volume removed during purging. When the field parameters were stable (less than a 10 percent change from the previous reading for temperature and electrical conductance and not more than 0.1 pH units) and approximately 3 casing volumes were removed from each well, samples were collected in 40-ml glass VOA vials and placed in an ice-filled cooler. Wells that purged dry were allowed to recover prior to sampling. All samples were handled and transported under chain of custody. Copies of the field documents are included as Appendix A.

The samples were submitted to Sequoia Analytical in Morgan Hill, California, and analyzed for TPH-g by Cal EPA-modified EPA Method 8015, for BTEX and MTBE by EPA Method 8020, and for MTBE by EPA Method 8260A. The results for these analyses are presented in boldface type, along with previous analytical data, in Table 1, and are shown in Figure 1. The laboratory analytical report and chain-of-custody documentation are included in Appendix B.

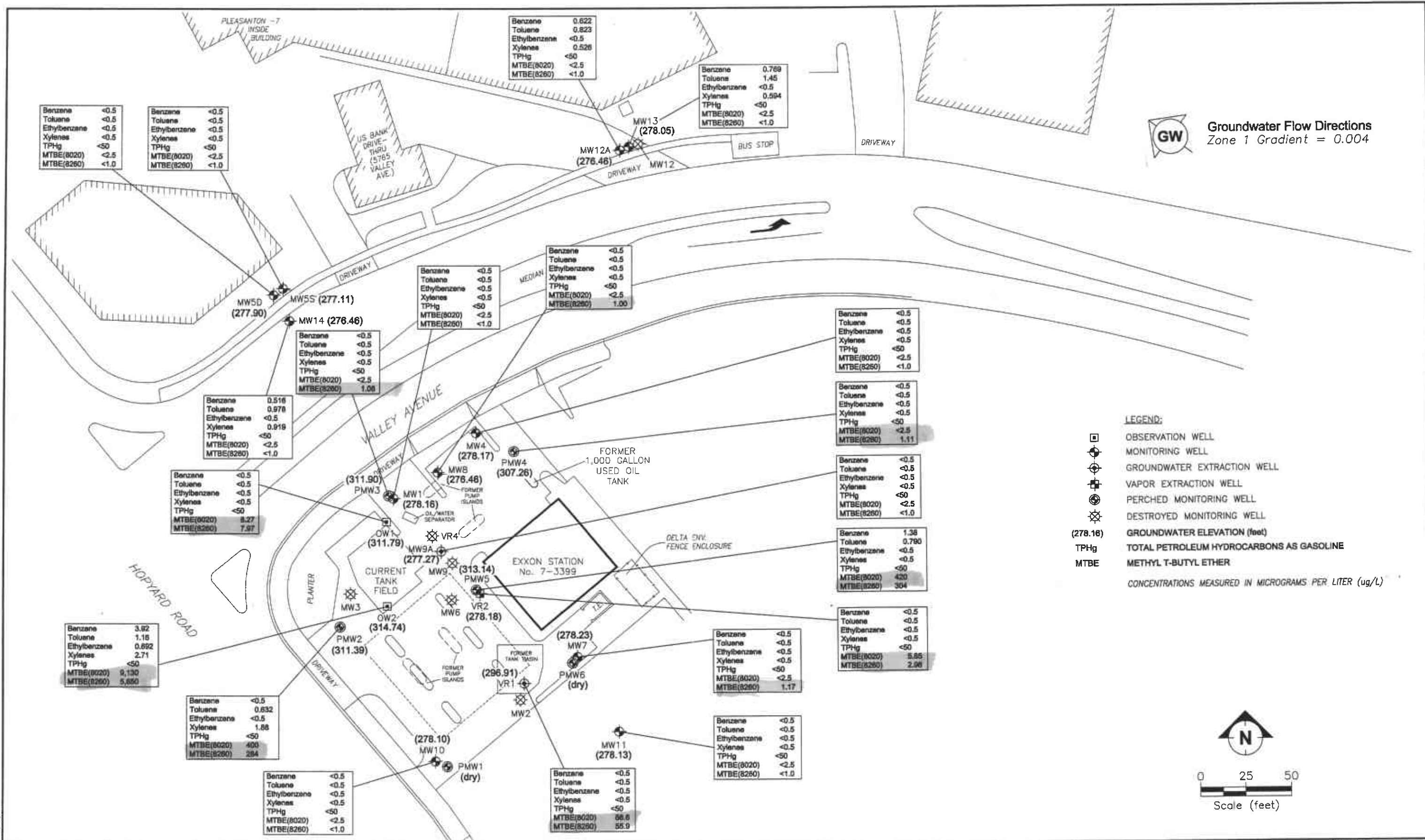
3. REMEDIATION SYSTEM

Construction of a groundwater extraction system (GES) at the site was completed in March 2001. Groundwater is discharged under a permit from the Dublin-San Ramon Services District. The GES consists of submersible pumps in wells VR1 and MW9A, pneumatic pumps for wells OW1 and OW2, bag filters, an air compressor, two 2,000-pound liquid-phase carbon vessels in series, and a third 2,000-pound carbon vessel on standby. ETIC Engineering started the GES on 12 March 2001. As of 6 April 2001, the GES had treated 206,240 gallons of groundwater and removed approximately 0.1 pounds of hydrocarbons and 0.06 pounds of MTBE since startup on 12 March 2001. Cumulative performance data for the GES are included in Table 2, and a graph showing influent TPH and MTBE concentrations and TPH and MTBE mass removed since initial startup is included as Figure 2. Table 3 presents GES influent analytical data.

4. WORK PROPOSED FOR NEXT QUARTER

Groundwater in monitoring wells will be gauged and sampled in June 2001. Groundwater samples will be analyzed for TPH-g, BTEX, and MTBE.

Operation of the groundwater extraction system will continue.



SITE PLAN SHOWING GROUNDWATER ELEVATIONS AND ANALYTICAL RESULTS
FORMER EXXON RS 7-3399
2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA
28 MARCH 2001

FIGURE:
1

**Figure 2: Influent TPH Concentration and Total Pounds of Hydrocarbons Removed by Groundwater Extraction
Former Exxon 7-3399, 2991 Hopyard Road, Pleasanton, CA**

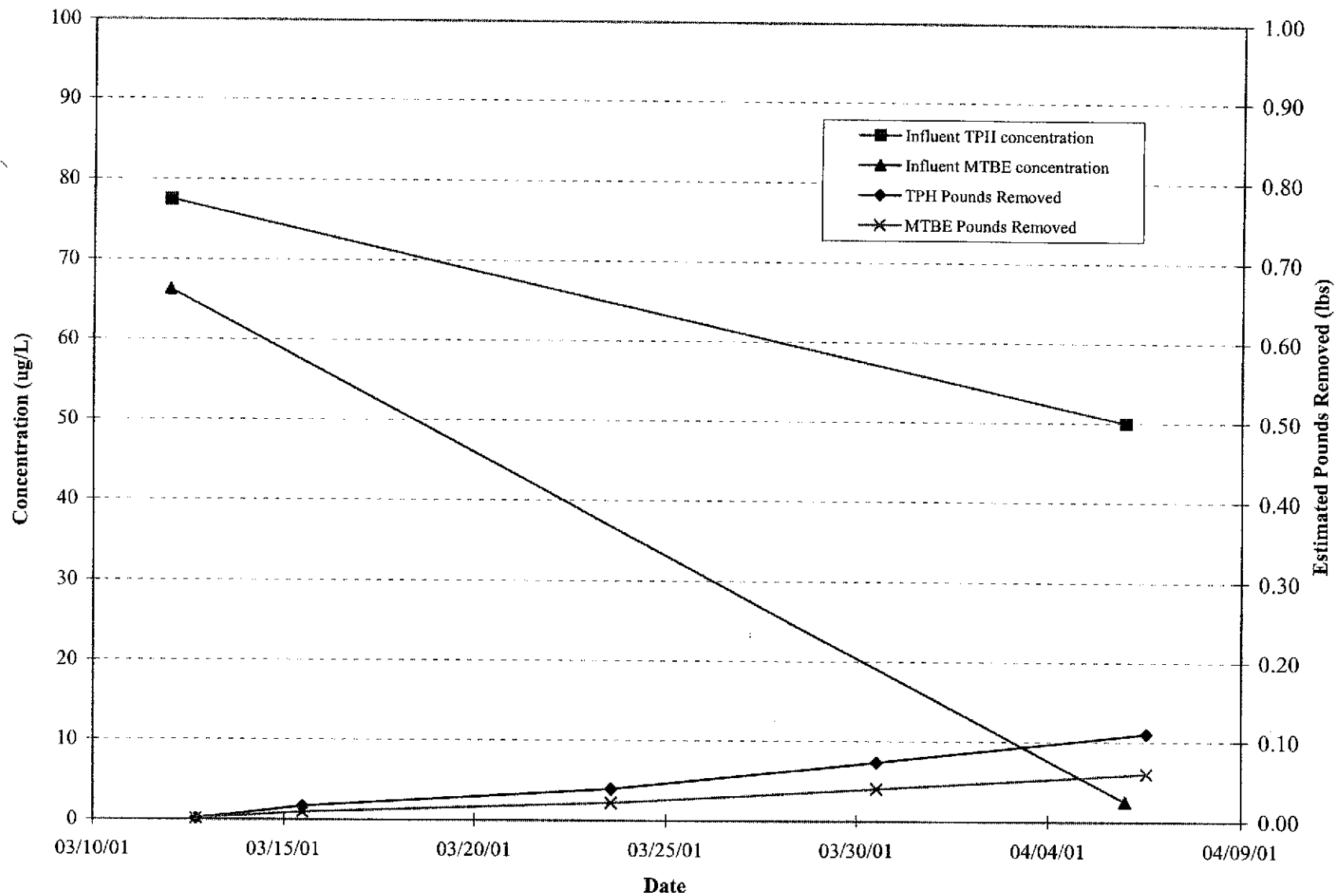


TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW1	04/02/88	321.44	NM	NC	NM	<0.5	1.7	<0.5	<0.5	<20	NA
	04/06/88		36.34	285.10	0.00	NS	NS	NS	NS	NS	NS
	04/08/88		36.29	285.15	0.00	NS	NS	NS	NS	NS	NS
	04/19/88		36.36	285.08	0.00	NS	NS	NS	NS	NS	NS
	06/06/88		38.16	283.28	0.00	NS	NS	NS	NS	NS	NS
	06/23/88		38.71	282.73	0.00	NS	NS	NS	NS	NS	NS
	06/28/88		39.16	282.28	0.00	NS	NS	NS	NS	NS	NS
	07/06/88		39.73	281.71	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/13/88		40.22	281.22	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/12/88		NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/26/88		41.90	279.54	0.00	NS	NS	NS	NS	NS	NS
	09/07/88		42.27	279.17	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	12/07/88		43.94	277.50	0.00	NS	NS	NS	NS	NS	NS
	12/19/88		43.70	277.74	0.00	NS	NS	NS	NS	NS	NS
	02/09/89		42.53	278.91	0.00	NS	NS	NS	NS	NS	NS
	03/03/89		NM	NC	NM	1.6	<0.5	<0.5	<0.5	<20	NA
	03/08/89		41.96	279.48	0.00	NS	NS	NS	NS	NS	NS
	04/03/89		41.59	279.85	0.00	NS	NS	NS	NS	NS	NS
	04/26/89		41.67	279.77	0.00	NS	NS	NS	NS	NS	NS
	06/30/89		43.79	277.65	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/17/89		44.74	276.70	0.00	<0.5	<0.5	<0.5	<0.5	23	NA
	07/18/89		44.76	276.68	0.00	NS	NS	NS	NS	NS	NS
	07/19/89		44.82	276.62	0.00	NS	NS	NS	NS	NS	NS
	07/20/89		44.85	276.59	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/21/89		44.95	276.49	0.00	NS	NS	NS	NS	NS	NS
	07/26/89		45.42	276.02	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/02/89		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/03/89		46.18	275.26	0.00	NS	NS	NS	NS	NS	NS
	08/17/89		47.12	274.32	0.00	NS	NS	NS	NS	NS	NS
	09/13/89		49.08	272.36	0.00	39	0.6	<0.5	5.1	220	NA
	11/28/89		50.21	271.23	0.00	NS	NS	NS	NS	NS	NS
	12/20/89		NM	NC	NM	56	0.72	<0.5	0.71	220	NA

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW1	01/09/90	321.44	49.31	272.13	0.00	NS	NS	NS	NS	NS	NS
	01/25/90		NM	NC	NM	18	1.6	<0.5	1.8	57	NA
	01/26/90		49.29	272.15	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		49.02 ^a	272.42	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		49.02	272.42	0.00	NS	NS	NS	NS	NS	NS
	02/27/90		NM	NC	NM	3.2	2.3	<0.5	3.2	55	NA
	03/26/90		48.71 ^a	272.73	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	03/26/90		48.70	272.74	0.00	NS	NS	NS	NS	NS	NS
	04/18/90		48.79	272.65	0.00	1.1	1.6	<0.5	3.1	25	NA
	05/17/90		49.40	272.04	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	06/11/90		50.83	270.61	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/30/90		52.17	269.27	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/27/90		53.44	268.00	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	09/28/90		53.40	268.04	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	12/27/90		NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/20/91		53.35	268.09	0.00	NS	NS	NS	NS	NS	NS
	06/20/91		53.55	267.89	0.00	NS	NS	NS	NS	NS	NS
	09/12/91		NM	NC	NM	NS	NS	NS	NS	NS	NS
	12/30/91		NM	NC	NM	NS	NS	NS	NS	NS	NS
	01/30/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	02/16/93		NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/02/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/24/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	04/14/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	05/21/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	06/08/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	07/14/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/10/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	09/16/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	10/07/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	11/09/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	12/10/92		NM	NC	NM	NS	NS	NS	NS	NS	NS

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW1	01/26/93	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	02/16/93		NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/11/93		53.09	268.35	0.00	NS	NS	NS	NS	NS	NS
	04/12/93		53.32	268.12	0.00	NS	NS	NS	NS	NS	NS
	06/01/93		53.40	268.04	0.00	NS	NS	NS	NS	NS	NS
	07/15/93		59.80	261.64	0.00	NS	NS	NS	NS	NS	NS
	08/15/93		53.45	267.99	0.00	NS	NS	NS	NS	NS	NS
	09/29/93		53.43	268.01	0.00	NS	NS	NS	NS	NS	NS
	09/30/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	10/28/93		53.38	268.06	0.00	NS	NS	NS	NS	NS	NS
	11/23/93		53.46	267.98	0.00	NS	NS	NS	NS	NS	NS
	11/24/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/10-11/94		53.46	267.98	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/04-05/94		53.34	268.10	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94 ^e		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94		52.09	269.35	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95		49.41	272.03	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95		39.97	281.47	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95		40.68	280.76	0.00	<0.5	0.83	<0.5	<0.5	<50	<2.5
	11/30/95		38.99	282.45	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96		35.70	285.74	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96		34.17	287.27	0.00	<0.5	<0.5	<0.5	<0.5	52	<5.0
	08/28/96		38.37	283.07	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	11/18/96		38.40	283.04	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	02/28/97		33.29	288.15	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	05/23/97		33.63	287.91	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/23/97		38.05	283.39	0.00	<0.5	<0.5	<0.5	<0.5	<50	29
	12/30/97		36.74	284.70	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/24/98		31.65	289.79	0.00	1.4	2.5	<0.5	1.4	<50	16
	06/15/98		29.28	292.16	0.00	<0.5	<0.5	<0.5	<0.5	<50	22
	09/11/98		34.94	286.50	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/09/98		31.14	290.30	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f

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Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW1	03/31/99	321.44	28.10	293.34	0.00	<0.5	<0.5	<0.5	<0.5	<50	124/131 ^f
	06/30/99		33.94	287.50	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	08/03/99		37.94	283.50	0.00	NS	NS	NS	NS	NS	NS
	09/24/99	320.52	44.92	275.60	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5 ^f
	12/22/99		9.93	310.59	0.00	1.9	1.4	1.5	7.3	<50	990 ^f
	01/21/00		39.35	281.17	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 ^f
	04/04/00		34.70	285.82	0.00	<1	<1	<1	<1	<50	<1
	06/28/00		39.72	280.80	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 ^f
	09/26/00		43.26	277.26	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 ^f
	12/28/00		42.90	277.62	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 ^f
	03/28/01	320.52	42.36	278.16	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 ^f
MW2	04/02/88	NM	NM	NC	0.25	NS	NS	NS	NS	NS	NS
	04/04/88		NM	NC	1.5	NS	NS	NS	NS	NS	NS
	04/05/88		NM	NC	1.5	NS	NS	NS	NS	NS	NS
	04/06/88		39.31	NC	3.2	NS	NS	NS	NS	NS	NS
	04/08/88		NM	NC	NM	NS	NS	NS	NS	NS	NS
	04/19/88		38.90	NC	2.48	NS	NS	NS	NS	NS	NS
	06/06/88		38.78	NC	0.26	NS	NS	NS	NS	NS	NS
	06/23/88		39.23	NC	0.13	NS	NS	NS	NS	NS	NS
	06/28/88		39.72	NC	NM	NS	NS	NS	NS	NS	NS
	07/06/88		40.31	NC	Slight sheen	25,700	18,500	2,900	21,400	62,000	NA
	07/12/88	Well destroyed									
MW3	04/06/88	NM	37.19	NC	0.00	<0.5	<0.5	<0.5	<0.5	20	NA
	04/08/88		37.14	NC	0.00	NS	NS	NS	NS	NS	NS
	04/19/88		37.22	NC	0.00	NS	NS	NS	NS	NS	NS
	06/06/88		39.02	NC	0.00	NS	NS	NS	NS	NS	NS
	06/23/88		39.58	NC	0.00	NS	NS	NS	NS	NS	NS
	06/28/88		40.04	NC	0.00	NS	NS	NS	NS	NS	NS
	07/06/88		40.60	NC	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/13/88		41.09	NC	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW3	08/12/88	NM	NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/26/88		42.77	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/29/88		Well destroyed								
MW4	04/08/88	321.56	36.41	285.15	0.00	NS	NS	NS	NS	NS	NS
	04/11/88		NM	NC	NM	1.8	16.3	0.6	7.1	80	NA
	04/19/88		36.51	285.05	0.00	NS	NS	NS	NS	NS	NS
	06/06/88		38.26	283.30	0.00	NS	NS	NS	NS	NS	NS
	06/23/88		38.83	282.73	0.00	NS	NS	NS	NS	NS	NS
	06/28/88		39.28	282.28	0.00	NS	NS	NS	NS	NS	NS
	07/06/88		39.85	281.71	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/13/88		40.31	281.25	0.00	<0.5	0.9	<0.5	<0.5	<20	NA
	08/12/88		NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/26/88		42.01	279.55	0.00	NS	NS	NS	NS	NS	NS
	09/07/88		NM	NC	NM	NS	NS	NS	NS	NS	NS
	12/07/88		NM	NC	NM	NS	NS	NS	NS	NS	NS
	12/19/88		43.83	277.73	0.00	NS	NS	NS	NS	NS	NS
	02/09/89		42.67	278.89	0.00	NS	NS	NS	NS	NS	NS
	03/08/89		42.11	279.45	0.00	3.8	1.0	<0.5	<0.5	440	NA
	04/03/89		41.73	279.83	0.00	NS	NS	NS	NS	NS	NS
	04/26/89		41.79	279.77	0.00	NS	NS	NS	NS	NS	NS
	06/30/89		43.88	277.68	0.00	<0.5	<0.5	<0.5	<0.5	100	NA
	07/17/89		44.85	276.71	0.00	<0.5	<0.5	<0.5	<0.5	390	NA
	07/18/89		44.88	276.68	0.00	NS	NS	NS	NS	NS	NS
07/19/89		44.92	276.64	0.00	NS	NS	NS	NS	NS	NS	
07/20/89		44.98	276.58	0.00	<0.5	<0.5	<0.5	<0.5	200	NA	
07/21/89		45.04	276.52	0.00	NS	NS	NS	NS	NS	NS	
07/26/89		45.50	276.06	0.00	<0.5	<0.5	<0.5	<0.5	66	NA	
08/02/89		NM	NC	NM	NS	NS	NS	NS	NS	NS	
08/03/89		46.28	275.28	0.00	NS	NS	NS	NS	NS	NS	
08/17/89		47.22	274.34	0.00	NS	NS	NS	NS	NS	NS	
09/13/89		49.19	272.37	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA	

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW4	11/28/89	321.56	50.34	271.22	0.00	NS	NS	NS	NS	NS	NS
	12/20/89		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	01/09/90		49.47	272.09	0.00	NS	NS	NS	NS	NS	NS
	01/26/90		49.36	272.20	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		49.18 ^a	272.38	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		49.15	272.41	0.00	NS	NS	NS	NS	NS	NS
	03/26/90		48.84 ^a	272.72	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	03/26/90		48.83	272.73	0.00	NS	NS	NS	NS	NS	NS
	04/18/90		48.90	272.66	0.00	NS	NS	NS	NS	NS	NS
	05/17/90		50.03	271.53	0.00	NS	NS	NS	NS	NS	NS
	06/11/90		50.98	270.58	0.00	NS	NS	NS	NS	NS	NS
	07/30/90		53.57	267.99	0.00	NS	NS	NS	NS	NS	NS
	08/01/90		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/27/90		53.61	267.95	0.00	NS	NS	NS	NS	NS	NS
	09/28/90		53.57	267.99	0.00	NS	NS	NS	NS	NS	NS
	12/27/90		53.68	267.88	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/20/91		53.56	268.00	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	06/20/91		53.75	267.81	0.00	NS	NS	NS	NS	NS	NS
	09/12/91		53.70	267.86	0.00	NS	NS	NS	NS	NS	NS
	12/30/91		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	01/30/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	03/02/92		53.83	267.73	0.00	NS	NS	NS	NS	NS	NS
	03/24/92		53.73	267.83	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	04/14/92		53.76	267.80	0.00	NS	NS	NS	NS	NS	NS
	05/21/92		54.73	266.83	0.00	NS	NS	NS	NS	NS	NS
	06/08/92		53.80	267.76	0.00	NS	NS	NS	NS	NS	NS
	07/14/92		53.60	267.96	0.00	NS	NS	NS	NS	NS	NS
	08/10/92		53.71	267.85	0.00	NS	NS	NS	NS	NS	NS
	09/16/92		53.89	267.67	0.00	NS	NS	NS	NS	NS	NS
	10/07/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	12/10/92		53.83	267.73	0.00	57	34	11	200	600	NA

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW4	01/26/93	321.56	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	02/16/93		53.64	267.92	0.00	NS	NS	NS	NS	NS	NS
	03/11/93		53.54	268.02	0.00	NS	NS	NS	NS	NS	NS
	04/12/93		53.62	267.94	0.00	20	10	22	80	360	NA
	06/01/93		53.52	268.04	0.00	NS	NS	NS	NS	NS	NS
	07/15/93		53.80	267.76	0.00	NS	NS	NS	NS	NS	NS
	08/15/93		53.65	267.91	0.00	NS	NS	NS	NS	NS	NS
	09/29/93		54.23	267.33	0.00	NS	NS	NS	NS	NS	NS
	09/30/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	10/28/93		53.54	268.25	0.00	NS	NS	NS	NS	NS	NS
	11/23/93		53.57	267.99	0.00	NS	NS	NS	NS	NS	NS
	11/24/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/10-11/94		53.64	267.92	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/04-05/94		53.54	268.02	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94 ^e		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94		52.96	268.60	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95		50.37	271.19	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95		44.86	276.70	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95		41.71	279.85	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.6
	11/30/95		39.95	281.61	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96		36.76	284.80	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96		35.19	286.37	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96		39.39	282.17	0.00	NS	NS	NS	NS	NS	NS
	11/18/96		39.42	282.14	0.00	NS	NS	NS	NS	NS	NS
	02/28/97		34.38	287.18	0.00	NS	NS	NS	NS	NS	NS
	05/23/97		34.66	286.90	0.00	NS	NS	NS	NS	NS	NS
	09/23/97		39.05	282.51	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/30/97		37.78	283.78	0.00	NS	NS	NS	NS	NS	NS
	03/24/98		NM	NC	NM	NS	NS	NS	NS	NS	NS
	06/15/98		30.32	291.24	0.00	NS	NS	NS	NS	NS	NS
	09/11/98		35.97	285.59	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/09/98		32.93	288.63	0.00	NS	NS	NS	NS	NS	NS

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW4	03/31/99	321.56	29.71	291.85	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
	06/30/99		34.99	286.57	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.65/3.12 ^{fb}
	08/03/99		38.52	283.04	0.00	NS	NS	NS	NS	NS	NS
	09/24/99		42.93	278.63	0.00	<0.5	<0.5	<0.5	<0.5	<50	1.12 ^f
	12/22/99		NM	NC	NM	NS	NS	NS	NS	NS	NS
	04/04/00		NM	NC	NM	NS	NS	NS	NS	NS	NS
	06/28/00		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<1 ^f
	09/26/00		44.24	277.32	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 ^f
	12/28/00		43.92	277.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 ^f
	03/28/01		43.39	278.17	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 ^f
MW5S	05/25/88	321.64	38.46	283.18	0.00	<0.5	0.9	<0.5	<0.5	<20	NA
	06/06/88		38.86	282.78	0.00	NS	NS	NS	NS	NS	NS
	06/23/88		39.52	282.12	0.00	NS	NS	NS	NS	NS	NS
	06/28/88		39.84	281.80	0.00	NS	NS	NS	NS	NS	NS
	07/06/88		40.45	281.19	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/13/88		40.90	280.74	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/22/88		41.30	280.34	0.00	0.9	4.1	1.3	8.7	50	NA
	08/05/88		23.84 ^b	297.80	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/12/88		42.21	279.43	0.00	NS	NS	NS	NS	NS	NS
	08/26/88		42.55	279.09	0.00	NS	NS	NS	NS	NS	NS
	09/07/88		42.94	278.70	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	12/07/88		44.67	276.97	0.00	NS	NS	NS	NS	NS	NS
	02/09/89		43.19	278.45	0.00	NS	NS	NS	NS	NS	NS
	03/08/89		42.11	279.53	0.00	<0.5	<0.5	<0.5	<1.0	<20	NA
	04/26/89		41.84	279.80	0.00	NS	NS	NS	NS	NS	NS
	06/30/89		43.95	277.69	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/17/89		44.91	276.73	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/18/89		44.93	276.71	0.00	NS	NS	NS	NS	NS	NS
	07/19/89		44.98	276.66	0.00	NS	NS	NS	NS	NS	NS
	07/20/89		45.02	276.62	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
07/21/89	45.10	276.54	0.00	NS	NS	NS	NS	NS	NS		

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW5S	07/26/89	321.64	45.57	276.07	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/02/89		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/03/89		46.31	275.33	0.00	NS	NS	NS	NS	NS	NS
	08/17/89		47.25	274.39	0.00	NS	NS	NS	NS	NS	NS
	09/13/89		49.22	272.42	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	11/28/89		50.39	271.25	0.00	NS	NS	NS	NS	NS	NS
	12/20/89		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	01/09/90		49.51	272.13	0.00	NS	NS	NS	NS	NS	NS
	01/26/90		49.40	272.24	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		49.20 ^a	272.44	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		49.20	272.44	0.00	NS	NS	NS	NS	NS	NS
	03/26/90		48.89 ^a	272.75	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	03/26/90		48.88	272.76	0.00	NS	NS	NS	NS	NS	NS
	04/18/90		48.95	272.69	0.00	NS	NS	NS	NS	NS	NS
	05/17/90		50.06	271.58	0.00	NS	NS	NS	NS	NS	NS
	06/11/90		50.98	270.66	0.00	NS	NS	NS	NS	NS	NS
	07/30/90		53.40	268.24	0.00	NS	NS	NS	NS	NS	NS
	08/01/90		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/27/90		53.60	268.04	0.00	NS	NS	NS	NS	NS	NS
	09/28/90		53.55	268.09	0.00	NS	NS	NS	NS	NS	NS
	12/27/90		53.61	268.03	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/20/91		53.56	268.08	0.00	NS	NS	NS	NS	NS	NS
	06/20/91		53.73	267.91	0.00	NS	NS	NS	NS	NS	NS
	09/12/91		53.78	267.86	0.00	NS	NS	NS	NS	NS	NS
	12/30/91		53.80	267.84	0.00	NS	NS	NS	NS	NS	NS
	01/30/92		53.82	267.82	0.00	NS	NS	NS	NS	NS	NS
	03/02/92		53.82	267.82	0.00	NS	NS	NS	NS	NS	NS
	04/14/92		53.74	267.90	0.00	NS	NS	NS	NS	NS	NS
	05/21/92		53.77	267.87	0.00	NS	NS	NS	NS	NS	NS
	06/08/92		53.81	267.83	0.00	NS	NS	NS	NS	NS	NS
	07/14/92		53.74	267.90	0.00	NS	NS	NS	NS	NS	NS
	08/10/92		53.78	267.86	0.00	NS	NS	NS	NS	NS	NS

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW5S	09/16/92	321.64	53.90	267.74	0.00	NS	NS	NS	NS	NS	NS
	10/07/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92		53.87	267.77	0.00	NS	NS	NS	NS	NS	NS
	12/10/92		53.78	267.86	0.00	NS	NS	NS	NS	NS	NS
	01/26/93		53.38	268.26	0.00	NS	NS	NS	NS	NS	NS
	02/16/93		53.44	268.20	0.00	NS	NS	NS	NS	NS	NS
	03/11/93		53.28	268.36	0.00	NS	NS	NS	NS	NS	NS
	04/12/93		53.42	268.22	0.00	11	5.9	13	48	220	NA
	06/01/93		53.56	268.08	0.00	NS	NS	NS	NS	NS	NS
	07/15/93		53.00	268.64	0.00	NS	NS	NS	NS	NS	NS
	08/15/93		53.60	268.04	0.00	NS	NS	NS	NS	NS	NS
	09/29/93		53.62	268.02	0.00	NS	NS	NS	NS	NS	NS
	09/30/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	10/28/93		54.62	267.02	0.00	NS	NS	NS	NS	NS	NS
	11/23/93		53.62	268.02	0.00	NS	NS	NS	NS	NS	NS
	03/10-11/94		53.61	268.03	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/04-05/94		53.52	268.12	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94 ^e		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94		53.05	268.59	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95		50.55	271.09	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95		44.96	276.68	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95		41.77	279.87	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95		39.95	281.69	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96		36.80	284.84	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96		35.28	286.36	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96		39.46	282.18	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	11/18/96		39.47	282.17	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	02/28/97		34.44	287.20	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	05/23/97		34.72	286.92	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/23/97		39.09	282.55	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	
MW5S	12/30/97	321.64	37.83	283.81	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA	
	03/24/98		32.76	288.88	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	06/15/98		30.46	291.18	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	09/11/98		36.04	285.60	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	12/09/98		33.00	288.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	
	03/31/99		29.20	292.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0	
	06/30/99		35.08	286.56	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	08/03/99	38.62	283.02	0.00	NS	NS	NS	NS	NS	NS	NS	
	09/24/99	320.52	42.89	277.63	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5 ^f	
	12/22/99		42.05	278.47	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 ^f	
	04/04/00		35.91	284.61	0.00	<1	<1	<1	<1	<50	<1	
	06/28/00		40.75	279.77	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 ^f	
	09/26/00		44.34	276.18	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 ^f	
	12/28/00		43.95	276.57	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 ^f	
	03/28/01		43.41	277.11	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 ^f	
MW5D	05/25/88	321.79	38.55	283.24	0.00	<0.5	3.1	<0.5	<0.5	<20	NA	
	06/06/88		38.90	282.89	0.00	NS	NS	NS	NS	NS	NS	
	06/23/88		39.56	282.23	0.00	NS	NS	NS	NS	NS	NS	
	06/28/88		40.23	281.56	0.00	NS	NS	NS	NS	NS	NS	
	07/06/88		40.69	281.10	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/13/88		41.22	280.57	0.00	<0.5	<0.5	<0.5	<0.5	40	NA	
	08/12/88		42.34	279.45	0.00	NS	NS	NS	NS	NS	NS	
	08/26/88		42.60	279.19	0.00	NS	NS	NS	NS	NS	NS	
	09/07/88		42.99	278.80	0.00	NS	NS	NS	NS	NS	NS	
	12/07/88		44.58	277.21	0.00	NS	NS	NS	NS	NS	NS	
	02/09/89 ^c		NM	NC	NM	NS	NS	NS	NS	NS	NS	NS
	03/08/89 ^d		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA	
	03/08/89		42.49	279.30	0.00	NS	NS	NS	NS	NS	NS	
	04/03/89		42.21	279.58	0.00	NS	NS	NS	NS	NS	NS	
	04/26/89		42.36	279.43	0.00	NS	NS	NS	NS	NS	NS	
06/30/89	44.79	277.00	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA			

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MWSD	07/17/89	321.79	45.73	276.06	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/18/89		45.75	276.04	0.00	NS	NS	NS	NS	NS	NS
	07/19/89		44.89	276.90	0.00	NS	NS	NS	NS	NS	NS
	07/20/89		46.02	275.77	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/21/89		46.18	275.61	0.00	NS	NS	NS	NS	NS	NS
	07/26/89		46.83	274.96	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/02/89		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/03/89		47.67	274.12	0.00	NS	NS	NS	NS	NS	NS
	08/17/89		48.27	273.52	0.00	NS	NS	NS	NS	NS	NS
	09/13/89		50.60	271.19	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	11/28/89		51.16	270.63	0.00	NS	NS	NS	NS	NS	NS
	12/20/89		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	01/09/90		50.42	271.37	0.00	NS	NS	NS	NS	NS	NS
	01/26/90		50.10	271.69	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		50.08	271.71	0.00	NS	NS	NS	NS	NS	NS
	03/26/90		49.80 ^f	271.99	0.00	NS	NS	NS	NS	NS	NS
	03/26/90		49.77	272.02	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	04/18/90		49.80	271.99	0.00	NS	NS	NS	NS	NS	NS
	05/17/90		51.32	270.47	0.00	NS	NS	NS	NS	NS	NS
	06/11/90		52.10	269.69	0.00	NS	NS	NS	NS	NS	NS
	07/30/90		53.47	268.32	0.00	NS	NS	NS	NS	NS	NS
	08/01/90		NM	NM	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/27/90		58.24	263.55	0.00	NS	NS	NS	NS	NS	NS
	09/29/90		60.70	261.09	0.00	NS	NS	NS	NS	NS	NS
	12/27/90		62.52	259.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/20/91		59.18	262.61	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	06/20/91		65.02	256.77	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/12/91		DRY	DRY	NM	NS	NS	NS	NS	NS	NS
	12/30/91		DRY	DRY	NM	NS	NS	NS	NS	NS	NS
	01/30/92		DRY	DRY	NM	NS	NS	NS	NS	NS	NS
	03/02/92		DRY	DRY	NM	NS	NS	NS	NS	NS	NS
	03/24/92		74.98	246.81	0.00	NS	NS	NS	NS	NS	NS

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW5D	04/14/92	321.79	74.42	247.37	0.00	NS	NS	NS	NS	NS	NS
	05/21/92		75.67	246.12	0.00	NS	NS	NS	NS	NS	NS
	06/08/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	07/14/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	08/10/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	09/16/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	10/07/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	12/10/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	01/26/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	02/16/93		76.47	245.32	0.00	NS	NS	NS	NS	NS	NS
	03/11/93		74.03	247.76	0.00	NS	NS	NS	NS	NS	NS
	04/12/93		70.96	250.83	0.00	1.0	1.0	2.5	7.4	<50	NA
	06/01/93		67.64	254.15	0.00	NS	NS	NS	NS	NS	NS
	07/15/93		54.40	267.39	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/15/93		67.85	253.94	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/29/93		67.62	254.17	0.00	NS	NS	NS	NS	NS	NS
	09/30/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	10/28/93		66.15	255.49	0.00	NS	NS	NS	NS	NS	NS
	11/23/93		64.80	256.84	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/10-11/94		59.10	262.69	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/04-05/94		55.66	265.13	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94 ^e		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94		54.36	268.74	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95		51.20	270.59	0.00	NS	NS	NS	NS	NS	NS
	05/09/95		45.49	276.30	0.00	NS	NS	NS	NS	NS	NS
	05/12/95		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95		42.35	279.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95		43.60	278.19	0.00	5.4	10	1.4	12	77	<5.0
	03/28/96		37.12	284.67	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96		35.67	286.12	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96		40.22	281.57	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW5D	11/18/96	321.79	39.89	281.90	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	02/28/97		34.75	287.04	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	02/28/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Rinseate	02/28/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	05/23/97		35.21	286.58	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	05/23/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Rinseate	05/23/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/23/97		39.58	282.21	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	09/23/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Rinseate	09/23/97		NM	NC	NM	<0.5	1.5	<0.5	<0.5	<50	3.0
	12/30/97		38.30	283.49	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
Duplicate	12/30/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
Rinseate	12/30/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/24/98		32.77	289.02	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	06/15/98		30.69	291.10	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	06/15/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/11/98		36.68	285.11	0.00	<0.5	<0.5	<0.5	<0.5	<50	33
Duplicate	09/11/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	35
	10/28/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f
	12/09/98		32.70	289.09	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f
Duplicate	12/09/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f
Rinseate	12/09/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f
	03/31/99		28.91	292.88	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
Duplicate	03/31/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0
	06/30/99		35.90	289.89	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	06/30/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	3.3/<0.5 ^{fh}
Rinseate	06/30/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	08/03/99		40.39	281.40	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5 ^f
Duplicate	08/03/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5 ^f
	09/24/99		44.25	277.54	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5 ^f
Duplicate	09/24/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5 ^f
Rinseate	09/24/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5 ^f

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW5D	12/22/99	321.79	38.51	283.28	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 ^f
Duplicate	12/22/99		NM	NC	NM	<1.0	<1.0	<1.0	<1.0	<50	<5.0 ^f
	04/04/00		30.05	291.74	0.00	<1	<1	<1	<1	<50	<1
	06/28/00		42.00	279.79	0.00	<0.5	<0.5	<0.5	<0.5	<50	1.47 ^f
	09/26/00		45.05	276.74	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 ^f
	12/28/00		44.44	277.35	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 ^f
	03/28/01	321.80	43.90	277.90	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0^f
MW6	05/11/88	NM	37.31	NC	0.00	NS	NS	NS	NS	NS	NS
	05/17/88		NM	NM	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	06/06/88		38.70	NC	0.00	NS	NS	NS	NS	NS	NS
	06/23/88		39.23	NC	0.00	NS	NS	NS	NS	NS	NS
	06/28/88		39.74	NC	0.00	31.8	7.5	5.4	6.7	440	NA
	07/13/88		40.78	NC	0.00	162.3	7.7	22.5	14.1	290	NA
	08/05/88		41.72	NC	0.00	245	5.2	47.1	23.7	1,180	NA
	08/12/88		42.14	NC	0.00	NS	NS	NS	NS	NS	NS
	08/17/88		NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/26/88		42.51	NC	0.00	NS	NS	NS	NS	NS	NS
	09/07/88		42.85	NC	0.00	474	16	262	136	2,920	NA
	10/24/88		Well destroyed								
MW7	07/13/88	321.27	40.50	280.77	0.00	860	1,910	710	4,420	16,700	NA
	07/22/88		41.85 ^a	279.42	0.00	136	85	5	58	460	NA
	08/05/88		41.45 ^a	279.82	0.00	73.3	52.8	2.3	28.1	270	NA
	08/12/88		42.69	278.58	NM	NS	NS	NS	NS	NS	NS
	09/07/88		42.60	278.67	NM	NS	NS	NS	NS	NS	NS
	12/07/88		NM	NC	NM	NS	NS	NS	NS	NS	NS
	01/17/89		43.20	278.07	NM	NS	NS	NS	NS	NS	NS
	02/09/89		NM	NC	NM	600	688	10	448	6,700	NA
	06/30/89		NM	NC	NM	180	50	13	40	1,100	NA
	08/02/89		NM	NC	NM	1.6	<0.5	<0.5	0.6	31	NA
	09/13/89		NM	NC	NM	<0.5	2.6	<0.5	12	87	NA

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW7	10/12/89	321.27	49.93	271.34	0.00	NS	NS	NS	NS	NS	NS
	11/28/89		57.61 ^a	263.66	0.00	NS	NS	NS	NS	NS	NS
	12/20/89		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	01/09/90		57.57 ^a	263.70	0.00	NS	NS	NS	NS	NS	NS
	01/26/90		57.54 ^a	263.73	0.00	NS	NS	NS	NS	NS	NS
	01/26/90		49.08	272.19	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		55.26 ^a	266.01	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		48.93	272.34	0.00	NS	NS	NS	NS	NS	NS
	03/26/90		57.52 ^a	263.75	0.00	NS	NS	NS	NS	NS	NS
	03/26/90		48.60	272.67	0.00	NS	NS	NS	NS	NS	NS
	04/18/90		57.55 ^a	263.72	0.00	NS	NS	NS	NS	NS	NS
	05/17/90		57.40 ^a	263.87	0.00	NS	NS	NS	NS	NS	NS
	06/11/90		50.68	270.59	0.00	NS	NS	NS	NS	NS	NS
	07/30/90		NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/27/90		53.05	268.22	0.00	NS	NS	NS	NS	NS	NS
	09/28/90		NM	NC	NM	NS	NS	NS	NS	NS	NS
	12/27/90		NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/20/91		54.11	267.16	0.00	NS	NS	NS	NS	NS	NS
	06/20/91		55.14	266.13	0.00	<0.5	1.8	0.6	4.1	74	NA
	09/12/91		55.84	265.43	0.00	3.5	<0.5	1.7	6.8	<50	NA
	12/30/91		55.21	266.06	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	01/30/92		54.88	266.39	0.00	NS	NS	NS	NS	NS	NS
	03/02/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/24/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	04/14/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	05/21/92		53.36	267.91	0.00	NS	NS	NS	NS	NS	NS
	06/08/92		54.20	267.07	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	07/14/92		53.31	267.96	0.00	NS	NS	NS	NS	NS	NS
	08/10/92		54.01	267.26	0.00	NS	NS	NS	NS	NS	NS
	09/16/92		55.97	265.30	0.00	NS	NS	NS	NS	NS	NS
	10/07/92		56.09	265.18	0.00	NS	NS	NS	NS	NS	NS
	11/09/92		54.16	267.11	0.00	NS	NS	NS	NS	NS	NS

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW7	12/10/92	321.27	56.02	265.25	0.00	NS	NS	NS	NS	NS	NS
	01/26/93		56.15	265.12	0.00	NS	NS	NS	NS	NS	NS
	02/16/93		56.23	265.04	0.00	28	30	17	200	600	NA
	03/11/93		55.82	265.45	0.00	NS	NS	NS	NS	NS	NS
	04/12/93		55.45	265.82	0.00	NS	NS	NS	NS	NS	NS
	06/01/93		54.90	266.37	0.00	NS	NS	NS	NS	NS	NS
	07/15/93		54.50	266.77	0.00	NS	NS	NS	NS	NS	NS
	08/15/93		54.25	267.02	0.00	NS	NS	NS	NS	NS	NS
	09/29/93		54.55	266.72	0.00	NS	NS	NS	NS	NS	NS
	09/30/93		NM	NC	NM	NS	NS	NS	NS	NS	NS
	10/28/93		54.94	266.92	0.00	NS	NS	NS	NS	NS	NS
	11/23/93		54.73	266.54	0.00	NS	NS	NS	NS	NS	NS
	11/24/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/10-11-94		52.83	268.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/04-05/94		52.77	268.50	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94 ^e		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94		52.74	268.53	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95		50.05	271.22	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95		44.61	276.66	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95		41.40	279.87	0.00	<0.5	<0.5	<0.5	<0.5	<50	4.1
	11/30/95		39.64	281.63	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96		36.42	284.85	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96		34.87	286.40	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96		39.11	282.16	0.00	NS	NS	NS	NS	NS	NS
	11/18/96		39.10	282.17	0.00	NS	NS	NS	NS	NS	NS
	02/28/97		34.03	287.24	0.00	NS	NS	NS	NS	NS	NS
	05/23/97		34.36	286.91	0.00	NS	NS	NS	NS	NS	NS
	09/23/97		38.66	282.61	0.00	<0.5	<0.5	<0.5	<0.5	<50	4.4
	12/30/97		37.45	283.82	0.00	NS	NS	NS	NS	NS	NS
	03/24/98		NM	NC	NM	NS	NS	NS	NS	NS	NS
	06/15/98		30.05	291.22	0.00	NS	NS	NS	NS	NS	NS
	09/11/98		35.63	285.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW7	12/09/98	321.27	21.54	299.73	NM	NS	NS	NS	NS	NS	NS
	03/31/99		28.84	292.43	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
	06/30/99		34.68	286.59	0.00	5.96	<0.5	<0.5	<0.5	<50	<2.5
	08/03/99		38.22	283.05	0.00	NS	NS	NS	NS	NS	NS
	09/24/99		42.59	278.68	0.00	<0.5	<0.5	<0.5	<0.5	<50	11.7 ^f
	12/22/99		41.69	279.58	0.00	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0 ^f
	04/04/00		35.45	285.82	0.00	<1	<1	<1	<1	<50	<1
	06/28/00		40.46	280.81	0.00	<0.5	<0.5	<0.5	<0.5	<50	4.88 ^f
	09/26/00		44.00	277.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 ^f
	12/28/00		44.63	276.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 ^f
	03/28/01		43.04	278.23	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/1.17 ^f
MW8	10/01/89	321.86	53.88	267.98	0.00	NS	NS	NS	NS	NS	NS
	10/03/89		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	11/28/89		53.74	268.12	0.00	NS	NS	NS	NS	NS	NS
	12/20/89		NM	NC	NM	<0.5	<0.5	<0.5	0.61	<20	NA
	01/09/90		57.90	263.96	0.00	NS	NS	NS	NS	NS	NS
	01/26/90		53.57	268.29	0.00	NS	NS	NS	NS	NS	NS
	01/31/90		NM	NC	NM	<0.5	<0.5	<0.5	0.87	<20	NA
	02/09/90		NM	NC	NM	<0.5	<0.5	<0.5	1.1	<20	NA
	(Blank)		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	02/23/90		52.16	269.70	0.00	NS	NS	NS	NS	NS	NS
	03/26/90		52.80 ^a	269.06	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	(Blank)		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	04/18/90		51.60	270.26	0.00	<0.5	0.58	<0.5	1.1	<20	NA
	05/17/90		58.21	263.65	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	06/11/90		58.65	263.21	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/30/90		64.33	257.53	0.00	NS	NS	NS	NS	NS	NS
	08/01/90		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/27/90		70.41	251.45	0.00	<0.5	<0.5	<0.5	0.5	<20	NA
	09/28/90		71.93	249.93	0.00	<0.5	<0.5	<0.5	0.5	<50	NA
12/27/90	66.60	255.26	0.00	<0.5	<0.5	<0.5	0.6	<50	NA		

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW8	03/20/91	321.86	60.75	261.11	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	06/20/91		88.77	233.09	0.00	<0.5	<0.5	<0.5	0.6	<50	NA
	09/12/91		103.17	218.69	0.00	NS	NS	NS	NS	NS	NS
	10/14/91		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	12/30/91		81.15	240.71	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	01/30/92		81.69	240.17	0.00	NS	NS	NS	NS	NS	NS
	03/02/92		78.45	243.41	0.00	NS	NS	NS	NS	NS	NS
	03/24/92		76.55	245.31	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	04/14/92		75.56	246.30	0.00	NS	NS	NS	NS	NS	NS
	05/21/92		86.99	234.87	0.00	NS	NS	NS	NS	NS	NS
	06/08/92		91.69	230.17	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	07/14/92		94.65	227.21	0.00	NS	NS	NS	NS	NS	NS
	08/10/92		95.02	226.84	0.00	NS	NS	NS	NS	NS	NS
	09/16/92		91.90	229.96	0.00	<0.5	0.9	<0.5	<0.5	<50	NA
	10/07/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92		84.35	237.51	0.00	NS	NS	NS	NS	NS	NS
	12/10/92		82.20	239.66	0.00	<0.5	0.6	<0.5	<0.5	<50	NA
	01/26/93		78.63	243.23	0.00	NS	NS	NS	NS	NS	NS
	02/16/93		76.90	244.96	0.00	0.7	0.6	<0.5	2.3	<50	NA
	03/11/93		74.39	247.47	0.00	NS	NS	NS	NS	NS	NS
	04/12/93		71.20	250.66	0.00	26	7.3	11	38	230	NA
	06/01/93		68.04	253.82	0.00	NS	NS	NS	NS	NS	NS
	07/15/93		78.05	243.81	0.00	NS	NS	NS	NS	NS	NS
	08/15/93		78.45	243.41	0.00	NS	NS	NS	NS	NS	NS
	09/29/93		73.64	248.22	0.00	NS	NS	NS	NS	NS	NS
	09/30/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	10/28/93		67.53	253.91	0.00	NS	NS	NS	NS	NS	NS
	11/23/93		64.68	256.76	0.00	NS	NS	NS	NS	NS	NS
	11/24/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/10-11/94		59.26	262.60	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/04-05/94		56.84	265.02	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94 ^e		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW8	11/16/94	321.86	55.47	266.39	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95		52.00	269.86	0.00	NS	NS	NS	NS	NS	NS
	05/09/95		46.60	275.26	0.00	NS	NS	NS	NS	NS	NS
	05/12/95		NM	NC	NM	2.3	1.2	2.0	7.4	<50	NA
	08/21/95		43.86	278.00	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95		41.25	280.61	0.00	<0.5	<0.5	0.69	2.7	<50	<5.0
	03/28/96		37.71	284.15	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96		36.71	285.15	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96		42.80	279.06	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	11/18/96		40.78	281.08	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	02/28/97		35.14	286.72	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	02/28/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Rinseate	02/28/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	05/23/97		36.41	285.45	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	05/23/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Rinseate	05/23/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/23/97		41.22	280.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	09/23/97					<0.5	<0.5	<0.5	<0.5	<50	<2.5
Rinseate	09/23/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/30/97		39.81	282.05	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
Duplicate	12/30/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
Rinseate	12/30/97		NM	NC	NM	<0.5	0.52	<0.5	<0.5	<50	3.2 ^f
	03/24/98		31.46	290.40	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	06/15/98		31.43	290.43	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
Duplicate	06/15/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/11/98		38.73	283.13	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	09/11/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/09/98		28.96	292.90	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f
Duplicate	12/09/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f
Rinseate	12/09/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW8	03/31/99	321.86	25.05	296.81	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
Duplicate	03/31/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0
Rinseate	03/31/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0
	06/30/99		42.62	279.24	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	06/30/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	13.1/1.18 th
Rinseate	06/30/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	08/03/99		51.59	270.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	0.672 ^f
Duplicate	08/03/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	0.659 ^f
Rinseate	08/03/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5 ^f
	09/24/99		50.95	270.91	0.00	<0.5	<0.5	<0.5	<0.5	<50	0.777 ^f
Duplicate	09/24/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	0.776 ^f
	12/22/99		38.59	283.27	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 ^f
Duplicate	12/22/99		NM	NC	NM	<1.0	<1.0	<1.0	<1.0	<50	<5.0 ^f
Rinseate	12/22/99		NM	NC	NM	<1.0	<1.0	<1.0	<1.0	<50	<5.0 ^f
	04/04/00		36.21	285.65	0.00	<1	<1	<1	<1	<50	3.3/<5 ^f
	06/28/00		46.51	275.35	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 ^f
	09/26/00		47.55	274.31	0.00	<0.5	<0.5	<0.5	0.528	<50	<1 ^f
	12/28/00		45.68	276.18	0.00	1.03	1.25	<0.5	1.76	<50	<2 ^f
	03/28/01		45.40	276.46	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/1.00^f
MW9	10/03/89	321.44	NM	NC	NM	1,000	9,200	3,000	13,000	89,000	NA
	10/12/89		50.24	271.20	0.00	NS	NS	NS	NS	NS	NS
	11/28/89		50.59	270.85	0.10	NS	NS	NS	NS	NS	NS
	12/01/89		50.32	271.12	0.02	NS	NS	NS	NS	NS	NS
	12/07/89		50.13	271.31	0.16	NS	NS	NS	NS	NS	NS
	12/13/89		49.91	271.53	Slight Sheen	NS	NS	NS	NS	NS	NS
	12/20/89		49.78	271.66	Slight Sheen	6,300	31,000	9,500	55,000	190,000	NA
	01/02/90		NM	NC	NM	NS	NS	NS	NS	NS	NS
	01/09/90		49.39	272.05	Slight Sheen	NS	NS	NS	NS	NS	NS
	01/25/90		NM	NC	NM	2,400	9,400	2,700	15,000	77,000	NA
	01/26/90		49.30	272.14	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		49.06 ^a	272.38	0.00	1,200	7,100	2,300	14,000	97,000	NA

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW9	02/23/90	321.44	49.05	272.39	0.00	NS	NS	NS	NS	NS	NS
	03/26/90		48.75 ^a	272.69	0.00	1,800	7,700	2,000	11,000	89,000	NA
	03/26/90		48.73	272.71	Slight sheen	NS	NS	NS	NS	NS	NS
	04/18/90		48.81	272.63	0.00	2,000	7,500	2,500	16,000	110,000	NA
	05/17/90		49.96	271.48	0.00	1,500	5,700	2,300	14,000	81,000	NA
	06/11/90		51.58	269.86	0.00	NS	NS	NS	NS	NS	NS
	06/20/90		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	430	NA
	07/30/90		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	08/27/90		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	09/28/90		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	12/27/90		NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/20/91		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	06/20/91		49.63	271.81	NM	NS	NS	NS	NS	NS	NS
	09/12/91		NM	NC	NM	NS	NS	NS	NS	NS	NS
	12/30/91		NM	NC	NM	NS	NS	NS	NS	NS	NS
	01/30/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/02/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/24/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	04/14/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	05/21/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	06/08/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	07/14/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/10/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	09/16/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	10/07/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	12/10/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	01/26/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	02/16/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	03/11/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	04/12/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	06/01/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW9	07/15/93	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	08/15/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	09/29/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	10/28/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/23/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	03/10-11/94		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	05/04-05/94		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/16/94		52.62	268.82	0.00	NS	NS	NS	NS	NS	NS
	02/15/95		49.76	271.68	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95		44.30	277.14	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95		41.11	280.33	0.00	270	51	5.2	140	1,100	<25
	11/30/95		39.40	282.04	0.00	920	680	120	870	6,600	<100
	03/28/96		36.13	285.31	0.00	72	28	1.8	49	360	<10
	05/31/96	34.56	286.88	0.00	2,800	510	<50	400	8,200	<5.0	
	08/28/96	38.80	282.64	0.00	1.6	<0.5	<0.5	9.6	160	28	
	11/18/96	38.74	282.70	0.00	2,000	610	130	790	7,100	<200	
	02/28/97	33.74	287.70	0.00	2,900	2,600	280	2,400	22,000	4,200	
	05/23/97	33.77	287.67	0.00	5,300	5,200	800	3,900	32,000	1,600	
	09/23/97	320.68	38.17	282.51	0.00	<0.5	<0.5	<0.5	<0.5	<50	20
	12/30/97	38.83	281.85	0.00	840	750	80	310	4,600	1,100 ^f	
	03/24/98	31.32	289.36	0.00	11,000	16,000	1,200	6,200	62,000	7,000	
	06/15/98	28.72	291.96	0.00	1.8	2.7	<0.5	3.8	<50	8.1	
	09/11/98	31.52	289.16	0.00	1.5	0.97	<0.5	1.1	<50	7.1	
	12/09/98	28.92	291.76	0.00	1.4	2.9	<0.5	<0.5	<50	7.9 ^f	
	03/31/99	27.77	292.91	0.00	2,560	4,100	118	3,090	18,400	3,850/4,950 ^f	
	06/30/99	32.57	288.11	0.00	0.883	1.43	<0.5	1.24	<50	7.05/5.81 ^{fh}	
	08/03/99	36.24	284.44	0.00	1.20	1.70	<0.5	0.60	91.1	<0.5 ^f	
09/24/99	320.26	41.65	278.61	0.00	2.60/3.13 ⁱ	1.06	<0.5	1.17	<50	3.92 ^f	
12/22/99	40.55	279.71	0.00	860/870 ⁱ	380/380 ⁱ	<5.0/<5.0 ⁱ	2,190/2,170 ^j	7,300	4,300 ^f		
04/04/00	34.69	285.57	0.00	2.7	2.5	<1	9	<50	310/300 ^f		
06/28/00	39.31	280.95	0.00	111	2.98	<0.5	14.9	207	488 ^f		
09/26/00	43.14	277.12	0.00	<0.5	<0.5	<0.5	<0.5	<50	77.2 ^f		

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	
MW9	11/03/00		Well destroyed									
MW9A	12/28/00		43.72	NC	0.00	14.5	3.75	26.4	37.4	1,040	65.5 ^f	
	03/28/01	321.17	43.90	277.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 ^f	
MW10	10/12/89	322.99	51.93	271.06	0.00	<0.5	<0.5	<0.5	<0.5	20	NA	
	11/28/89		51.88	271.11	0.00	NS	NS	NS	NS	NS	NS	
	12/20/89		51.47	271.52	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA	
	01/09/90		50.98	272.01	0.00	NS	NS	NS	NS	NS	NS	
	01/26/90		50.87	272.12	0.00	NS	NS	NS	NS	NS	NS	
	02/23/90		50.67 ^a	272.32	0.00	NS	NS	NS	NS	NS	NS	
	02/23/90		50.65	272.34	0.00	NS	NS	NS	NS	NS	NS	
	03/26/90		50.36 ^a	272.63	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA	
	03/26/90		50.35	272.64	0.00	NS	NS	NS	NS	NS	NS	
	04/18/90		50.45	272.54	0.00	NS	NS	NS	NS	NS	NS	
	06/11/90		51.16	271.83	0.00	NS	NS	NS	NS	NS	NS	
	07/30/90		55.72	267.27	0.00	NS	NS	NS	NS	NS	NS	
	08/27/90		57.75	265.24	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA	
	09/28/90		NM	NC	NM	NS	NS	NS	NS	NS	NS	NS
	12/27/90		58.08	264.91	0.00	NS	NS	NS	NS	NS	NS	
	03/20/91		57.80	265.19	0.00	NS	NS	NS	NS	NS	NS	
	06/20/91		58.00	264.99	0.00	NS	NS	NS	NS	NS	NS	
	09/12/91		NM	NC	Dry	NS	NS	NS	NS	NS	NS	NS
	12/30/91		NM	NC	NM	NS	NS	NS	NS	NS	NS	NS
	01/30/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS	NS
03/02/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS	NS	
03/24/92		58.53	264.46	0.00	NS	NS	NS	NS	NS	NS		
04/14/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS	NS	
05/21/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS	NS	
06/08/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS	NS	
07/14/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS	NS	
08/10/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS	NS	

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW10	09/16/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	10/07/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	12/10/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	01/26/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	02/16/93		58.23	264.76	0.00	NS	NS	NS	NS	NS	NS
	03/11/93		57.81	265.18	0.00	NS	NS	NS	NS	NS	NS
	04/12/93		57.84	265.15	0.00	21	11	21	75	350	NA
	06/01/93		57.88	265.11	NM	NS	NS	NS	NS	NS	NS
	07/15/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	08/15/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	09/29/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	10/28/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/23/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	03/10-11/94		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	05/04-05/94		57.21	265.78	Dry	NS	NS	NS	NS	NS	NS
	09/01/94 ^e		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94		54.82	268.17	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95		51.90	271.09	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95		46.32	276.67	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95		43.06	279.93	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95		41.34	281.65	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96		38.15	284.84	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96		36.61	286.38	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96		40.86	282.13	0.00	NS	NS	NS	NS	NS	NS
	11/18/96		40.90	282.09	0.00	NS	NS	NS	NS	NS	NS
	02/28/97		35.75	287.24	0.00	NS	NS	NS	NS	NS	NS
	05/23/97		36.07	286.92	0.00	NS	NS	NS	NS	NS	NS
	09/23/97		40.41	282.58	0.00	NS	NS	NS	NS	NS	NS
	12/30/97		38.20	284.79	0.00	NS	NS	NS	NS	NS	NS
	03/24/98		34.12	288.87	0.00	NS	NS	NS	NS	NS	NS
	06/15/98		31.79	291.20	0.00	NS	NS	NS	NS	NS	NS

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW10	09/11/98	322.99	35.40	287.59	0.00	NS	NS	NS	NS	NS	NS
	12/09/98		34.32	288.67	0.00	NS	NS	NS	NS	NS	NS
	03/31/99		30.55	292.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
	06/30/99		36.36	286.63	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	08/03/99		39.95	283.04	0.00	NS	NS	NS	NS	NS	NS
	09/24/99		44.40	278.59	0.00	<0.5	<0.5	<0.5	0.87	<50	19.30 ^f
	12/22/99		43.39	279.60	0.00	9.5	5.3	3.9	25.1	140	<5.0 ^f
	04/04/00		37.18	285.81	0.00	<1	<1	<1	<1	<50	<1
	06/28/00		42.19	280.80	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 ^f
	09/26/00		45.80	277.19	0.00	<0.5	<0.5	<0.5	<0.5	<50	3.39 ^f
	12/28/00		45.41	277.58	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 ^f
	03/28/01		44.89	278.10	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 ^f
MW11	11/10/89	321.77	50.64	272.13	0.00	NS	NS	NS	NS	NS	NS
	11/16/89		NM	NC	NM	4.1	9.4	0.74	20	150	NA
	11/28/89		50.51	272.26	0.00	NS	NS	NS	NS	NS	NS
	12/20/89		51.47	271.30	0.00	7.2	7.5	2.9	13	150	NA
	01/09/90		49.68	273.09	0.00	NS	NS	NS	NS	NS	NS
	01/26/90		49.55	273.22	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		49.37 ^a	273.40	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		49.35	273.42	0.00	NS	NS	NS	NS	NS	NS
	03/26/90		49.03 ^a	273.74	0.00	<0.5	<0.5	<0.5	2.7	32	NA
	04/18/90		49.12	273.65	0.00	NS	NS	NS	NS	NS	NS
	05/17/90		50.30	272.47	0.00	NS	NS	NS	NS	NS	NS
	06/11/90		51.16	271.61	0.00	NS	NS	NS	NS	NS	NS
	07/30/90		53.50	269.27	0.00	<0.5	<0.5	<0.5	3.8	26	NA
	08/27/90		53.65	269.12	0.00	NS	NS	NS	NS	NS	NS
	09/28/90		53.62	269.15	0.00	NS	NS	NS	NS	NS	NS
	12/27/90		53.63	269.14	0.00	NS	NS	NS	NS	NS	NS
	03/20/91		53.26	269.51	0.00	NS	NS	NS	NS	NS	NS
	06/20/91		53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
09/12/91	53.60	269.17	0.00	NS	NS	NS	NS	NS	NS		

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW11	12/30/91	321.77	53.95	268.82	0.00	NS	NS	NS	NS	NS	NS
	01/30/92		53.65	269.12	0.00	NS	NS	NS	NS	NS	NS
	03/02/92		53.68	269.09	0.00	NS	NS	NS	NS	NS	NS
	03/24/92		53.70	269.07	0.00	NS	NS	NS	NS	NS	NS
	04/14/92		53.66	269.11	0.00	NS	NS	NS	NS	NS	NS
	05/21/92		53.62	269.15	0.00	NS	NS	NS	NS	NS	NS
	06/08/92		53.61	269.16	0.00	NS	NS	NS	NS	NS	NS
	07/14/92		53.53	269.24	0.00	NS	NS	NS	NS	NS	NS
	08/10/92		53.58	269.19	0.00	NS	NS	NS	NS	NS	NS
	09/16/92		53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
	10/07/92		DRY	DRY	NM	NS	NS	NS	NS	NS	NS
	11/09/92		DRY	DRY	NM	NS	NS	NS	NS	NS	NS
	12/10/92		53.59	269.18	0.00	NS	NS	NS	NS	NS	NS
	01/26/93		53.67	269.10	0.00	NS	NS	NS	NS	NS	NS
	02/16/93		53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
	03/11/93		53.58	269.19	0.00	NS	NS	NS	NS	NS	NS
	04/12/93		53.54	269.23	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	06/01/93		53.52	269.25	0.00	NS	NS	NS	NS	NS	NS
	07/15/93		53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
	08/15/93		53.55	269.22	0.00	NS	NS	NS	NS	NS	NS
	09/29/93		53.62	269.15	0.00	NS	NS	NS	NS	NS	NS
	09/30/93		NM	NC	NM	NS	NS	NS	NS	NS	NS
	10/28/93		53.63	269.14	0.00	NS	NS	NS	NS	NS	NS
	11/23/93		53.58	268.19	0.00	NS	NS	NS	NS	NS	NS
	11/24/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/10-11/94		53.61	268.16	0.00	NS	NS	NS	NS	NS	NS
	05/04-05/94		53.51	268.26	0.00	NS	NS	NS	NS	NS	NS
	11/16/94		53.46	268.31	0.00	NS	NS	NS	NS	NS	NS
	02/15/95		50.57	271.20	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95		45.05	276.72	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95		41.88	279.89	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.8
	11/30/95		40.04	281.73	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW11	03/28/96	321.77	36.90	284.87	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96		35.34	286.43	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96		39.56	282.21	0.00	NS	NS	NS	NS	NS	NS
	11/18/96		39.56	282.21	0.00	NS	NS	NS	NS	NS	NS
	02/28/97		34.50	287.27	0.00	NS	NS	NS	NS	NS	NS
	05/23/97		34.80	286.97	0.00	NS	NS	NS	NS	NS	NS
	09/23/97		39.18	282.59	0.00	NS	NS	NS	NS	NS	NS
	12/30/97		37.94	283.83	0.00	NS	NS	NS	NS	NS	NS
	03/24/98		32.86	289.65	NM	NS	NS	NS	NS	NS	NS
	06/15/98		30.49	291.28	0.00	NS	NS	NS	NS	NS	NS
	09/11/98		35.96	285.81	0.00	NS	NS	NS	NS	NS	NS
	12/09/98		33.06	288.71	0.00	NS	NS	NS	NS	NS	NS
	03/31/99		29.31	292.46	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.79/2.64 ^f
	06/30/99	35.15	286.62	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	08/03/99	38.65	283.12	0.00	NS	NS	NS	NS	NS	NS	
	09/24/99	321.73	43.08	278.65	0.00	<0.5	<0.5	<0.5	<0.5	<50	3.93 ^f
	12/22/99		40.94	280.79	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 ^f
	04/04/00		35.91	285.82	0.00	<1	<1	<1	<1	<50	<1
	06/28/00		40.46	281.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 ^f
	09/26/00		44.45	277.28	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 ^f
12/28/00	44.11		277.62	0.00	<0.5	<0.5	<0.5	<0.5	<50	5.71 ^f	
03/28/01	43.60		278.13	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 ^f	
MW12A	09/26/00	322.53	48.26	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 ^f
	12/28/00		46.45	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 ^f
	03/28/01		46.07	276.46	0.00	0.622	0.823	<0.5	0.526	<50	<2.5/<1.0 ^f
MW13	09/26/00	322.62	45.62	NC	0.00	0.504	0.594	<0.5	0.982	<50	1.62 ^f
	12/28/00		45.15	NC	0.00	1.19	1.05	<0.5	1.25	<50	2.17 ^f
	03/28/01		44.57	278.05	0.00	0.769	1.45	<0.5	0.594	<50	<2.5/<1.0 ^f
MW14	09/26/00		46.90	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 ^f

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW14	12/28/00		45.09	NC	0.00	2.04	<0.5	0.740	1.78	<50	<2 ^f
	03/28/01	321.16	44.70	276.46	0.00	0.516	0.978	<0.5	0.919	<50	<2.5/<1.0^f
VR1	03/24/92		NM	NC	NM	1.7	<0.5	<0.5	<0.5	<50	NA
	06/30/99		19.52	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	6.83/7.31 ^{fh}
	08/03/99		19.53	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.49 ^f
	09/24/99	321.00	19.73	301.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	5.94 ^f
	12/22/99		21.35	299.65	0.00	<1.0	<1.0	<1.0	<1.0	<50	10 ^f
	04/04/00		19.23	301.77	0.00	<1	<1	<1	<1	<50	4,500/5,500 ^f
	06/28/00		20.42	300.58	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,370 ^f
	09/26/00		21.92	299.08	0.00	<0.5	<0.5	<0.5	<0.5	<50	387 ^f
	12/28/00		21.85	299.15	0.00	<0.5	<0.5	<0.5	<0.5	<50	200 ^f
	03/28/01	320.90	23.99	296.91	0.00	<0.5	<0.5	<0.5	<0.5	<50	86.6/55.9^f
VR2	06/30/99		33.63	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,080/1,160 ^{fh}
	08/03/99		37.19	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	3,390 ^f
	09/24/99	320.18	41.54	278.64	0.00	2,650	<50	<50	309	5,170	1,030 ^f
	12/22/99		40.63	279.55	0.00	<1.0	<1.0	<1.0	<1.0	<50	34 ^f
	01/21/00		39.04	281.14	0.00	<1.0	<1.0	<1.0	<1.0	<50	17 ^f
	04/04/00		35.63	284.55	0.00	<1	<1	<1	<1	<50	370/400 ^f
	06/28/00		39.28	280.90	0.00	1.12	<1	<1	<1	<50	268 ^f
	09/26/00		DRY	NC	NM	NS	NS	NS	NS	NS	NS
	12/28/00		42.55	277.63	0.00	<0.5	<0.5	<0.5	<0.5	<50	10.6 ^f
	03/28/01		42.00	278.18	0.00	<0.5	<0.5	<0.5	<0.5	<50	5.85/2.98^f
VR3	06/30/99		9.15	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,220/1,380 ^{fh}
	08/03/99		8.19	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	16,100 ^f
	09/24/99	318.73	8.97	309.76	0.00	7.20	1.14	<1.0	1.94	122	10,900 ^f
	11/05/99		Well destroyed								
VR4	06/30/99		8.50	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	146
	08/03/99		8.69	NC	0.00	<0.5	<0.5	<0.5	<0.5	71.7 ^b	3.96 ^f

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
	09/24/99	321.19	9.10	312.09	0.00	0.890	2.22	0.800	3.15	79.6	90.6 ^f
	11/05/99		Well destroyed								
OW1	09/24/99	322.45	10.37	312.08	0.00	2.10	1.41	<0.5	7.22	119	7,810 ^f
	12/22/99		10.93	311.52	0.00	12	<5.0	<5.0	5.2	360	44,000 ^f
	04/04/00		10.83	311.62	0.00	1	<1	<1	<1	120	5,300/6,800 ^f
	06/28/00		11.91	310.54	0.00	1.20	<1	<1	<1	<100	1,530 ^f
	09/26/00		DRY	NC	NM	NS	NS	NS	NS	NS	NS
	12/28/00		DRY	NC	NM	NS	NS	NS	NS	NS	NS
	03/28/01	321.44	9.65	311.79	0.00	<0.5	<0.5	<0.5	<0.5	<50	8.27/7.97 ^f
OW2	09/24/99	321.55	9.48	312.07	0.00	31.1	<0.5	<0.5	20.6	275 ^B	177,000 ^f
	12/22/99		10.13	311.42	0.00	<5.0	<5.0	<5.0	5.2	410	85,000 ^f
	04/04/00		10.00	NC	NM	NS	NS	NS	NS	NS	NS
	06/28/00		11.00	310.55	0.00	<50	<50	<50	<50	<5,000	45,400 ^f
	09/26/00		11.11	310.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,690 ^f
	12/28/00		11.11	310.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	4,520 ^f
	03/28/01	321.33	6.59	314.74	0.00	3.92	1.16	0.692	2.71	<50	9,130/5,650 ^f
PMW1	12/22/99	322.75	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	04/04/00		NM	NC	NM	NS	NS	NS	NS	NS	NS
	06/28/00		13.72	309.03	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 ^f
	09/26/00		DRY	NC	NM	NS	NS	NS	NS	NS	NS
	12/28/00		DRY	NC	NM	NS	NS	NS	NS	NS	NS
	03/28/01	322.74	DRY	NC	NM	NS	NS	NS	NS	NS	NS
PMW2	12/22/99	322.37	12.85	309.52	0.00	NS	NS	NS	NS	NS	NS
	04/04/00		10.65	311.72	0.00	<1	<1	<1	<1	<50	740/720 ^f
	06/28/00		11.50	310.87	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,570 ^f
	09/26/00		12.36	310.01	0.00	<0.5	<0.5	<0.5	<0.5	<50	157 ^f
	12/28/00		11.85	310.52	0.00	<0.5	<0.5	<0.5	<0.5	445	234 ^f
	03/28/01	322.07	10.68	311.39	0.00	<0.5	0.632	<0.5	1.88	<50	400/284 ^f

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
PMW3	12/22/99	321.27	12.61	308.66	0.00	NS	NS	NS	NS	NS	NS
	04/04/00		9.78	311.49	0.00	<1	<1	<1	<1	<50	250/310 ^f
	06/28/00		10.52	310.75	0.00	<0.5	<0.5	<0.5	<0.5	<50	31.5 ^f
	09/26/00		10.39	310.88	0.00	<0.5	<0.5	<0.5	<0.5	<50	13.6 ^f
	12/28/00		12.20	309.07	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 ^f
	03/28/01		9.37	311.90	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/1.08^f
PMW4	12/22/99	321.37	15.32	306.05	0.00	NS	NS	NS	NS	NS	NS
	04/04/00		10.60	310.77	0.00	<1	<1	<1	<1	<50	28/27 ^f
	06/28/00		14.00	307.37	0.00	<0.5	<0.5	<0.5	<0.5	<50	3.73 ^f
	09/26/00		DRY	NC	NM	NS	NS	NS	NS	NS	NS
	12/28/00		DRY	NC	NM	NS	NS	NS	NS	NS	NS
	03/28/01		14.11	307.26	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/1.11^f
PMW5	12/22/99	320.04	13.19	306.85	0.00	1.0	<1.0	<1.0	<1.0	<50	810 ^f
	04/04/00		9.61	310.43	0.00	<1	<1	<1	<1	<50	680/890 ^f
	06/28/00		10.10	309.94	0.00	1.79	<0.5	<0.5	<0.5	<50	629 ^f
	09/26/00		12.15	307.89	0.00	1.83	<0.5	<0.5	<0.5	<50	743 ^f
	12/28/00		12.48	307.56	0.00	1.93	<0.5	<0.5	<0.5	<50	919 ^f
	03/28/01		6.90	313.14	0.00	1.38	0.790	<0.5	<0.5	<50	420/304^f
PMW6	12/22/99	321.38	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	04/04/00		15.10	NC	NM	NS	NS	NS	NS	NS	NS
	06/28/00		14.60	NC	NM	NS	NS	NS	NS	NS	NS
	09/26/00		NM	NC	NM	NS	NS	NS	NS	NS	NS
	12/28/00		DRY	NC	NM	NS	NS	NS	NS	NS	NS
	03/28/01		DRY	NC	NM	NS	NS	NS	NS	NS	NS

a = Water level recorded during pumping of MW7.

b = Anomalous water level possibly due to recharge from a perched water zone.

c = Casing head cut to lower elevation.

TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
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d = Casing head damaged by construction.

e = Results obtained past the technical holding time.

f = Methyl tertiary butyl ether by EPA Method 8260.

g = Unidentified Hydrocarbon C6-C12.

h = Analysis performed outside of EPA recommended hold time.

Depth to groundwater = Measured from notch/mark on north edge of well casing.

LPH = Liquid-phase hydrocarbons.

TPH = Total Petroleum Hydrocarbons.

MTBE = Methyl tertiary butyl ether.

NA = Not analyzed.

NC = Not calculated.

ND = Not detected at or above the laboratory's reporting limits.

NM = Not measured.

NS = Not sampled.

µg/L = Micrograms per liter.

**TABLE 2 OPERATION AND PERFORMANCE DATA - GROUNDWATER EXTRACTION SYSTEM
FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Date	Days of Operation	Percent Operational	Flow Total (gallons)	Average Flow rate (gpm)	Concentrations (µg/L)		Total TPH Removed in period (pounds)	Total MTBE Removed in period (pounds)
					Influent TPH	MTBE		
03/12/01	0	0%	185	0.0				
03/12/01	0.26	100%	2390	5.8	77.5	66.3	0.001	0.001
03/15/01	2.80	100%	30740	7.0			0.015	0.008
03/23/01	5.44	67%	73030	5.4			0.022	0.012
03/30/01	6.94	100%	137670	6.5			0.034	0.019
04/06/01	7.03	100%	206240	6.8	<100	<2.50	0.036	0.020
Cumulative Total							0.110	0.060

* Est. Pounds Removed = Average influent TPH conc. (µg/L) * period flow total (gallons) * 1 lb/454 g * 1g/1,000,000ug * 3.785 L/gallon

µg/L - Micrograms per liter

NM - Not Measured

gpm - Gallons per minute

TPH - Total Petroleum Hydrocarbons (measured as the sum of both Total Petroleum Hydrocarbons as gasoline and diesel as analyzed by EPA Method 8015 modified), if analyte is not detected at a concentration equal to or greater than laboratory reporting limit, half the reporting limit is used for mass removal calculation.

**TABLE 3 SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER EXTRACTION SYSTEM
FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Sample		Concentration (µg/L)							
Location	Date	TPH-g	Benzene	Toluene	Ethyl- benzene	Total Xylenes	TPH-d	MTBE	MTBE by 8260B
Influent									
	03/12/01	52.5	< 0.500	< 0.500	< 0.500	< 0.500	< 50.0	66.3	65.7
	04/06/01	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 50.0	< 2.50	NA

µg/L - Micrograms per liter

TPH-g - Total petroleum hydrocarbons as gasoline

TPH-d - Total petroleum hydrocarbons as diesel

Appendix A
Field Documents

MONITORING WELL DATA FORM

Client: Exxon

Date: 3/28/2001

Project Number: UP3399.1

Station Number: 7-3399

Site Location:
2991 Hopeyard Rd, Pleasanton, CA

Samplers: DOUG F.

MONITORING WELL NUMBER	DEPTH TO WATER (TOC)	DEPTH TO PRODUCT (TOC)	APPARENT PRODUCT THICKNESS	AMOUNT OF PRODUCT REMOVED	MONITORING WELL INTEGRITY	DEPTH TO BOTTOM (TOC)	WELL CASING DIAMETER
MW-5D	43.9'					77.50	4"
MW-5S	43.41'					54.60	4"
PMW-2	10.68	10'				15.53 15.74	4"
PMW-3	9.37					15.42	4"
PMW-4	14.11					15.72	4"
MW-1	42.36					55.15	4"
MW-7	43.04'					57.55	4"
MW-8	45.40					137.90	4"
MW-11	43.60					58.30	4"
VR-1 VR-1	23.99		+			30.85	4"
VR-2	42.00		+			43.51	2"
MW-10	44.89					58.30	4"
PMW-5	6.90					14.68	4"
OW1	9.65					12.40	4"
OW2	6.59					12.74	4"
MW-9	(sealed off)					52.47	4"
PMW-6	15.32 not sampled	(DRY)				15.90	4"
PMW-1	15.08	(DRY)				15.72	4"
MW-4	43.39					66.90	4"
MW-14	44.70'					* 135.46	2"
MW-12A	46.07					* 128.47	2"
MW-13	44.57					* 71.50 70.02	2"
MW-9A	43.90					50.75	6"

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *MW-1* Date: *3/28/2001*
 Project No: *UP3399.1* Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *Inter-Face Probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
	<i>5525</i>	<i>5525</i>	<i>42.36</i>	<i>12.79</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>8.1</i>
				<i>0.04</i>	<i>0.16</i>	<i>0.64</i>	<i>1.44</i>		

PURGING DATA

Purge Method: *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time	1818	1821	1824			
Volume Purge (gal)	<i>9.0</i>	<i>18.0</i>	<i>27.0</i>			
Temperature (C)	<i>19.1</i>	<i>19.3</i>	<i>19.3</i>			
pH	<i>6.73</i>	<i>6.74</i>	<i>6.75</i>			
Spec. Cond. (umhos)	<i>2.22</i>	<i>2.37</i>	<i>2.39</i>			
Turbidity/Color	/					
Odor (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			
Casing Volumes	<i>clear</i>	<i>clear</i>	<i>clear</i>			
Dewatered (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			

Comments/Observations:

SAMPLING DATA

Time Sampled: *1839* Approximate Depth to Water During Sampling: *42.37 (feet)*

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>MW-1</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>	/	
					/	
					/	

Total Purge Volume: *27.0 (gallons)* Disposal: *SYSTEM*

Weather Conditions: *OK*

Condition of Well Box and Casing at Time of Sampling: *OK*

Well Head Conditions Requiring Correction: *None*

Problems Encountered During Purging and Sampling: *None*

Comments:



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *MW-4* Date: *3/28/2001*
 Project No: *UP3399.1* Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)			
	<i>66.90</i>	<i>-</i>	<i>43.39</i>	<i>=</i>	<i>23.51</i>	<i>X</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>15.0</i>	<i>=</i>
						0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time	1507	1510	1514			
Volume Purge (gal)	<i>15.0</i>	<i>30.0</i>	<i>45.0</i>			
Temperature (C)	<i>20.2</i>	<i>20.1</i>	<i>20.1</i>			
pH	<i>6.79</i>	<i>6.69</i>	<i>6.68</i>			
Spec. Cond. (umhos)	<i>2.45</i>	<i>2.45</i>	<i>2.45</i>			
Turbidity/Color	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>
Odor (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			
Casing Volumes	<i>Clear</i>	<i>Clear</i>	<i>Clear</i>			
Dewatered (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			

Comments/Observations:

SAMPLING DATA

Time Sampled: *1610* Approximate Depth to Water During Sampling: *43.35 (feet)*

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>MW-4</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>	<i>/</i>	<i>TPH-g, BTEX, MTBE</i>
					<i>/</i>	
					<i>/</i>	

Total Purge Volume: *45.0 (gallons)* Disposal: *SYSTEM*

Weather Conditions: *OK*

Condition of Well Box and Casing at Time of Sampling: *OK*

Well Head Conditions Requiring Correction: *None*

Problems Encountered During Purging and Sampling: *None*

Comments:

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *MW-5D* Date: *3/28/2001*
 Project No: *UP3399.1* Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *interFace Probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
	<i>77.50</i>	<i>43.90</i>	<i>33.6</i>	<i>X</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>21.5</i>
				<i>0.04</i>	<i>0.16</i>	<i>0.64</i>	<i>1.44</i>		

PURGING DATA

Purge Method: *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time	1151	1157			
Volume Purge (gal)	<i>22.0</i>	<i>44.0</i>	<i>66.0</i>		
Temperature (°C)	<i>19.4</i>	<i>19.2</i>	<i>19.0</i>		
pH	<i>6.88</i>	<i>6.87</i>	<i>6.89</i>		
Spec. Cond. (umhos)	<i>1.87</i>	<i>1.89</i>	<i>1.88</i>		
Turbidity/Color	<i>/</i>	<i>/</i>	<i>/</i>		
Odor (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>		
Casing Volumes	<i>clear</i>	<i>clear</i>	<i>clear</i>		
Dewatered (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>		

Comments/Observations:

SAMPLING DATA

Time Sampled: *1231* Approximate Depth to Water During Sampling: *43.38* (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>MW5D</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>	<i>/</i>	<i>TPH-g, BTEX, MTBE</i>
					<i>/</i>	
					<i>/</i>	

Total Purge Volume: *66.0* (gallons) Disposal: *SYSTEM*

Weather Conditions: *OK*

Condition of Well Box and Casing at Time of Sampling: *OK*

Well Head Conditions Requiring Correction: *none*

Problems Encountered During Purging and Sampling: *none*

Comments:

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *MW-55* Date: *3/28/2001*
 Project No: *UP3399.1* Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *interface Probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
	<i>54.60</i>	<i>43.41</i>	<i>11.19</i>	<i>X</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>7.1</i>
				0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time	1134	1136	1138			
Volume Purge (gal)	<i>8.0</i>	<i>16.0</i>	<i>24.0</i>			
Temperature (C)	<i>20.3</i>	<i>19.9</i>	<i>19.8</i>			
pH	<i>6.57</i>	<i>6.64</i>	<i>6.68</i>			
Spec. Cond. (umhos)	<i>1.82</i>	<i>2.10</i>	<i>2.12</i>			
Turbidity/Color	/					
Odor (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			
Casing Volumes	<i>clear</i>	<i>clear</i>	<i>clear</i>			
Dewatered (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			

Comments/Observations:

SAMPLING DATA

Time Sampled: *1245* Approximate Depth to Water During Sampling: *43.82 (feet)*

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>MW-55</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>	/	<i>TPH-g, BTEX, MTBE</i>
					/	
					/	

Total Purge Volume: *24.0 (gallons)* Disposal: *SYSTEM*

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling: *OK*

Well Head Conditions Requiring Correction: *none*

Problems Encountered During Purging and Sampling: *none*

Comments:

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *MW-7* Date: *3/28/2001*
 Project No: *UP3399.1* Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *INTERFACE Probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
	<i>57.55</i>	<i>43.04</i>	<i>14.51</i>	<i>X</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>9.2</i>
				<i>0.04</i>	<i>0.16</i>	<i>0.64</i>	<i>1.44</i>		

PURGING DATA

Purge Method: *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time	Volume Purge (gal)	Temperature (C)	pH	Spec. Cond. (umhos)	Turbidity/Color	Odor (Y/N)	Casing Volumes	Dewatered (Y/N)
<i>1355</i>	<i>10.0</i>	<i>20.2</i>	<i>6.85</i>	<i>2.33</i>	<i>/</i>	<i>N</i>	<i>clear</i>	<i>N</i>
<i>1357</i>	<i>20.0</i>	<i>20.2</i>	<i>6.79</i>	<i>2.19</i>	<i>/</i>	<i>N</i>	<i>clear</i>	<i>N</i>
<i>1359</i>	<i>30.0</i>	<i>20.3</i>	<i>6.76</i>	<i>2.15</i>	<i>/</i>	<i>N</i>	<i>clear</i>	<i>N</i>

Comments/Observations:

SAMPLING DATA

Time Sampled: *1500* Approximate Depth to Water During Sampling: *43-6 (feet)*

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>MW-7</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>	<i>/</i>	<i>TPH-g, BTEX, MTBE</i>

Total Purge Volume: *30.0 (gallons)* Disposal: *SYSTEM*

Weather Conditions: *04*
 Condition of Well Box and Casing at Time of Sampling: *04*
 Well Head Conditions Requiring Correction: *None*
 Problems Encountered During Purging and Sampling: *None*

Comments:

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 7-3399 Well No: MW-8 Date: 3/28/2001
 Project No: UP3399.1 Personnel: DOUG F.

GAUGING DATA

Water Level Measuring Method: interface probe Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)				
				1	2	4	6						
	<u>137.90</u>	<u>-</u>	<u>45.40</u>	<u>=</u>	<u>92.5</u>	<u>X</u>	<u>1</u>	<u>2</u>	<u>4</u>	<u>6</u>	<u>59.2</u>	<u>=</u>	<u>177.6</u>
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: Submersible Pump Purge Depth: Screen Purge Rate: (gpm)

Time	1736	1751	1800			
Volume Purge (gal)	<u>60.0</u>	<u>120.0</u>	<u>180.0</u>			
Temperature (C)	<u>17.9</u>	<u>17.6</u>	<u>17.6</u>			
pH	<u>7.06</u>	<u>7.04</u>	<u>7.08</u>			
Spec. Cond. (umhos)	<u>1.13</u>	<u>1.02</u>	<u>1.02</u>			
Turbidity/Color	<u>/</u>	<u>/</u>	<u>/</u>			
Odor (Y/N)	<u>N</u>	<u>N</u>	<u>N</u>			
Casing Volumes	<u>Clear</u>	<u>clear</u>	<u>clear</u>			
Dewatered (Y/N)	<u>N</u>	<u>N</u>	<u>N</u>			

Comments/Observations:

SAMPLING DATA

Time Sampled: 1815 Approximate Depth to Water During Sampling: 45.28 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<u>MW-8</u>	<u>6</u>	<u>Voa</u>	<u>HCL</u>	<u>40 ml</u>	<u>/</u>	<u>TPH-g, BTEX, MTBE</u>
					<u>/</u>	
					<u>/</u>	

Total Purge Volume: 180.0 (gallons) Disposal: SYSTEM

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging and Sampling: NONE

Comments:

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *MWS9A* Date: *3/28/2001*
 Project No: *UP3399.1* Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
	<i>50.75</i>	<i>43.90</i>	<i>6.85</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>9.8</i>	<i>29.5</i>
				0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time						
Volume Purge (gal)						
Temperature (C)						
pH						
Spec. Cond. (umhos)						
Turbidity/Color						
Odor (Y/N)						
Casing Volumes						
Dewatered (Y/N)						

Sampled off system!

Comments/Observations:

SAMPLING DATA

Time Sampled: *1625* Approximate Depth to Water During Sampling: *—* (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>MW-9A</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>		<i>TPH-g, BTEX, MTBE</i>

Total Purge Volume: *575.00* (gallons) Disposal: *SYSTEM*

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling: *OK*

Well Head Conditions Requiring Correction: *None*

Problems Encountered During Purging and Sampling: *None*

Comments:



GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *MW-10* Date: *3/28/2001*
 Project No: *UP3399.1* Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION:	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)			
	<i>58.30</i>	<i>⊖</i>	<i>44.89</i>	<i>=</i>	<i>13.41</i>	<i>⊗</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>8.5</i>	<i>=</i>
						<i>0.04</i>	<i>0.16</i>	<i>0.64</i>	<i>1.44</i>			

PURGING DATA

Purge Method: *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time	1421	1423	1425			
Volume Purge (gal)	<i>9.0</i>	<i>18.0</i>	<i>27.0</i>			
Temperature (C)	<i>20.0</i>	<i>19.9</i>	<i>19.9</i>			
pH	<i>6.88</i>	<i>6.79</i>	<i>6.74</i>			
Spec. Cond. (umhos)	<i>2.37</i>	<i>2.38</i>	<i>2.39</i>			
Turbidity/Color	<i>/</i>					
Odor (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			
Casing Volumes	<i>clear</i>	<i>clear</i>	<i>clear</i>			
Dewatered (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			

Comments/Observations:

SAMPLING DATA

Time Sampled: *1545* Approximate Depth to Water During Sampling: *44.6 (feet)*

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/Color	Analysis Method
<i>MW-10</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>	<i>/</i>	<i>TPH-g, BTEX, MTBE</i>
					<i>/</i>	
					<i>/</i>	

Total Purge Volume: *27.0 (gallons)* Disposal: *SYSTEM*

Weather Conditions: *OK*

Condition of Well Box and Casing at Time of Sampling: *OK*

Well Head Conditions Requiring Correction: *none*

Problems Encountered During Purging and Sampling: *none*

Comments:

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *MW 11* Date: *3/28/2001*
 Project No: *UP3399.1* Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *INTERFACE Probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION:	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
	<i>58.30</i>	<i>43.60</i>	<i>14.7</i>	<i>X</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>9.4</i>
				0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time	1331	1334	1338			
Volume Purge (gal)	<i>10.0</i>	<i>20.0</i>	<i>30.0</i>			
Temperature (C)	<i>19.9</i>	<i>20.0</i>	<i>20.0</i>			
pH	<i>6.86</i>	<i>6.78</i>	<i>6.76</i>			
Spec. Cond. (umhos)	<i>2.12</i>	<i>2.15</i>	<i>2.15</i>			
Turbidity/Color	<i>/</i>	<i>/</i>	<i>/</i>			
Odor (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			
Casing Volumes	<i>Clear</i>	<i>Clear</i>	<i>Clear</i>			
Dewatered (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			

Comments/Observations: *Well Box Flooded / Hand Bail water to clear well head*

SAMPLING DATA

Time Sampled: *1431* Approximate Depth to Water During Sampling: *43.04 (feet)*

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>MW-11</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>	<i>/</i>	<i>TPH-g, BTEX, MTBE</i>
					<i>/</i>	
					<i>/</i>	

Total Purge Volume: *30.0 (gallons)* Disposal: *SYSTEM*

Weather Conditions: *OK*

Condition of Well Box and Casing at Time of Sampling: *OK*

Well Head Conditions Requiring Correction: *NONE*

Problems Encountered During Purging and Sampling: *NONE*

Comments:

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *MW-12A* Date: *3/28/2001*
 Project No: *UP3399.1* Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *interface probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
	<i>128.47</i>	<i>46.07</i>	<i>82.4</i>	<i>13.1</i>	<i>0.04</i>	<i>0.16</i>	<i>0.64</i>	<i>1.44</i>	<i>39.5</i>

PURGING DATA

Purge Method: *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time	1303	1308	1314			
Volume Purge (gal)	<i>14.0</i>	<i>28.0</i>	<i>42.0</i>			
Temperature (C)	<i>18.8</i>	<i>18.2</i>	<i>18.1</i>			
pH	<i>7.21</i>	<i>7.08</i>	<i>7.09</i>			
Spec. Cond. (umhos)	<i>1.09</i>	<i>.98</i>	<i>.96</i>			
Turbidity/Color	<i>/</i>	<i>/</i>	<i>/</i>			
Odor (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			
Casing Volumes	<i>clear</i>	<i>clear</i>	<i>clear</i>			
Dewatered (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			

Comments/Observations:

SAMPLING DATA

Time Sampled: *1350* Approximate Depth to Water During Sampling: *46.03 (feet)*

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>MW-12A</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>	<i>/</i>	<i>TPH-g, BTEX, MTBE</i>
					<i>/</i>	
					<i>/</i>	

Total Purge Volume: *42.0 (gallons)* Disposal: *SYSTEM*

Weather Conditions: *ok*
 Condition of Well Box and Casing at Time of Sampling: *ok*
 Well Head Conditions Requiring Correction: *none*
 Problems Encountered During Purging and Sampling: *none*
 Comments:

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *MW-13* Date: *3/28/2001*
 Project No: *UP3399.1* Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *Interferance Probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
	<i>71.50</i>	<i>44.57</i>	<i>26.93</i>	<i>X</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>4.3</i>
				0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time	1243	1245	124			
Volume Purge (gal)	<i>5.0</i>	<i>10.0</i>	<i>15.0</i>			
Temperature (C)	<i>20.4</i>	<i>20.0</i>	<i>20.1</i>			
pH	<i>6.51</i>	<i>6.91</i>	<i>6.87</i>			
Spec. Cond. (umhos)	<i>1.43</i>	<i>2.13</i>	<i>2.14</i>			
Turbidity/Color	<i>/</i>	<i>/</i>	<i>/</i>			
Odor (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			
Casing Volumes	<i>Silty</i>	<i>Silty</i>	<i>Silty</i>			
Dewatered (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			

Comments/Observations:

SAMPLING DATA

Time Sampled: *1359* Approximate Depth to Water During Sampling: *44.50 (feet)*

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>MW-13</i>	<i>6</i>	<i>Voac</i>	<i>HCL</i>	<i>40 ml</i>	<i>/</i>	<i>TPH-g, BTEX, MTBE</i>
					<i>/</i>	
					<i>/</i>	

Total Purge Volume: *15.0 (gallons)* Disposal: *SYSTEM*

Weather Conditions: *ovl*

Condition of Well Box and Casing at Time of Sampling: *ov*

Well Head Conditions Requiring Correction: *none*

Problems Encountered During Purging and Sampling: *none*

Comments:

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399*

Well No: *MW-14*

Date: *3/28/2001*

Project No: *UP3399.1*

Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *interface Probe*

Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter	Casing Volume (gal)	Total Purge Volume (gal)
	<i>135.46</i>	<i>44.70</i>	<i>90.76</i>	<i>1</i>	<i>14.5</i>	<i>43.5</i>
				<i>2</i>		
				<i>4</i>		
				<i>6</i>		
				<i>0.04</i>	<i>0.19</i>	<i>0.64</i>
					<i>1.44</i>	

PURGING DATA

Purge Method: *Submersible Pump*

Purge Depth:

Screen

Purge Rate:

(gpm)

Time:	1213	1216				
Volume Purge (gal)	<i>15.0</i>	<i>30.0</i>	<i>45.0</i>			
Temperature (C)	<i>17.6</i>	<i>17.6</i>	<i>17.6</i>			
pH	<i>7.14</i>	<i>7.14</i>	<i>7.12</i>			
Spec. Cond. (umhos)	<i>1.25</i>	<i>1.03</i>	<i>1.01</i>			
Turbidity/Color	<i>/</i>	<i>/</i>	<i>/</i>			
Odor (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			
Casing Volumes	<i>clear</i>	<i>clear</i>	<i>clear</i>			
Dewatered (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			

Comments/Observations:

SAMPLING DATA

Time Sampled: *1256*

Approximate Depth to Water During Sampling: *44.65* (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>MW-14</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>	<i>/</i>	<i>TPH-g, BTEX, MTBE</i>
					<i>/</i>	
					<i>/</i>	

Total Purge Volume: *45.0* (gallons)

Disposal:

SYSTEM

Weather Conditions:

ok

Condition of Well Box and Casing at Time of Sampling:

ok

Well Head Conditions Requiring Correction:

None

Problems Encountered During Purging and Sampling:

None

Comments:

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 7-3399 Well No: DMW-1 Date: 3/28/2001
 Project No: UP3399.1 Personnel: DOUG F.

GAUGING DATA

Water Level Measuring Method: interface Probe Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
		<u>15.72</u>	<u>-</u> <u>15.08</u>	<u>=</u> <u>.64</u>	<u>X</u> <u>1</u>	<u>2</u>	<u>4</u>	<u>6</u>	<u>.4</u>
				0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: Submersible Pump Purge Depth: Screen Purge Rate: (gpm)

Time						
Volume Purge (gal)						
Temperature (C)						
pH						
Spec. Cond. (umhos)						
Turbidity/Color						
Odor (Y/N)						
Casing Volumes						
Dewatered (Y/N)						

WELL DRY!

Comments/Observations:

SAMPLING DATA

Time Sampled: — Approximate Depth to Water During Sampling: — (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<u>DMW-1</u>	<u>6</u>	<u>Voa</u>	<u>HCL</u>	<u>40 ml</u>		<u>TPH-g, BTEX, MTBE</u>

Total Purge Volume: — (gallons) Disposal: SYSTEM

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction: none

Problems Encountered During Purging and Sampling: none

Comments:

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *pmw-2* Date: *3/28/2001*
 Project No: *UP3399.1* Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *interface probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
	<i>15.53</i>	<i>10.68</i>	<i>4.85</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>3.1</i>	<i>9.3</i>
			0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: ~~*Submersible Pump*~~ *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time:	<i>1955</i>					
Volume Purge (gal)	<i>4.0</i>	<i>8.0</i>	<i>12.0</i>			
Temperature (C)	<i>18.6</i>					
pH	<i>8.86</i>					
Spec. Cond. (umhos)	<i>1.33</i>					
Turbidity/Color						
Odor (Y/N)	<i>N</i>					
Casing Volumes	<i>clear</i>					
Dewatered (Y/N)	<i>Y</i>					

Comments/Observations:

SAMPLING DATA

Time Sampled: *2007* Approximate Depth to Water During Sampling: *14.15* (feet)

Comments: *slow to recharge just to 80%*

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>pmw-2</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>		<i>TPH-g, BTEX, MTBE</i>

Total Purge Volume: *4.0* (gallons) Disposal: *SYSTEM*

Weather Conditions: *04*

Condition of Well Box and Casing at Time of Sampling: *04*

Well Head Conditions Requiring Correction: *none*

Problems Encountered During Purging and Sampling: *none*

Comments:

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399*

Well No: *pmw-3*

Date: *3/28/2001*

Project No: *UP3399.1*

Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *interface Probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
				1	2	4	6		
	<i>15.42</i>	<i>9.37</i>	<i>6.05</i>	<i>X</i>		<i>4</i>		<i>3.8</i>	<i>= 11.6</i>
				0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time	1830	1831				
Volume Purge (gal)	<i>4.0</i>	<i>8.0</i>	<i>12.0</i>			
Temperature (C)	<i>18.2</i>	<i>17.3</i>				
pH	<i>6.82</i>	<i>7.02</i>				
Spec. Cond. (umhos)	<i>1.25</i>	<i>.98</i>				
Turbidity/Color						
Odor (Y/N)	<i>N</i>	<i>N</i>				
Casing Volumes	<i>clear</i>	<i>clear</i>				
Dewatered (Y/N)	<i>N</i>	<i>Y</i>				

Comments/Observations:

SAMPLING DATA

Time Sampled: *18.50*

Approximate Depth to Water During Sampling: *12.2 (feet)*

Comments: *slow to recharge, not to 30%*

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>pmw-3</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>		<i>TPH-g, BTEX, MTBE</i>

Total Purge Volume: *8.0 (gallons)*

Disposal: *SYSTEM*

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling: *ok*

Well Head Conditions Requiring Correction: *none*

Problems Encountered During Purging and Sampling: *none*

Comments:



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *pmw-4* Date: *3/28/2001*
 Project No: *UP3399.1* Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)			
	<i>15.72</i>	<i>-</i>	<i>14.11</i>	<i>=</i>	<i>1.61</i>	<i>X</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>1.0</i>	<i>=</i>
						<i>0.04</i>	<i>0.16</i>	<i>0.64</i>	<i>1.44</i>			

PURGING DATA

Purge Method: *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time	<i>1524</i>	<i>1528</i>				
Volume Purge (gal)	<i>1.0</i>	<i>2.0</i>	<i>3.0</i>			
Temperature (C)	<i>21.6</i>	<i>21.6</i>				
pH	<i>6.80</i>	<i>7.30</i>				
Spec. Cond. (umhos)	<i>1.49</i>	<i>1.51</i>				
Turbidity/Color						
Odor (Y/N)	<i>N</i>	<i>N</i>				
Casing Volumes	<i>clear</i>	<i>clear</i>				
Dewatered (Y/N)	<i>N</i>	<i>Y</i>				

Comments/Observations:

SAMPLING DATA

Time Sampled: *1630* Approximate Depth to Water During Sampling: *15.00 (feet)*

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/Color	Analysis Method
<i>pmw-4</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>		<i>TPH-g, BTEX, MTBE</i>
						
						

Total Purge Volume: *2.0 (gallons)* Disposal: *SYSTEM*

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling: *OK*

Well Head Conditions Requiring Correction: *none*

Problems Encountered During Purging and Sampling: *none*

Comments:

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *DMW-5* Date: *3/28/2001*
 Project No: *UP3399.1* Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *interFace Probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
				1	2	4	6		
<i>14.68</i>	<i>6.90</i>	<i>7.78</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>4.9</i>	<i>14.9</i>	
			0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time	Volume Purge (gal)	Temperature (C)	pH	Spec. Cond. (umhos)	Turbidity/Color	Odor (Y/N)	Casing Volumes	Dewatered (Y/N)
<i>1841</i>	<i>5.0</i>	<i>18.1</i>	<i>11.14</i>	<i>1.05</i>	 	<i>N</i>	<i>Clear</i>	<i>Y</i>

Comments/Observations:

SAMPLING DATA

Time Sampled: *1935* Approximate Depth to Water During Sampling: *NM* ~~*4.9*~~ *(feet)*

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>DMW-5</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>	 	<i>TPH-g, BTEX, MTBE</i>

Total Purge Volume: *5.0* (gallons) Disposal: *SYSTEM*

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling: *OK*

Well Head Conditions Requiring Correction: *None*

Problems Encountered During Purging and Sampling: *None*

Comments:

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *PMW-6* Date: *3/28/2001*
 Project No: *UP3399.1* Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
	<i>18.90</i>	<i>15.32</i>	<i>.58</i>	<i>X</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>.3</i>
				0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time							
Volume Purge (gal)							
Temperature (C)							
pH							
Spec. Cond. (umhos)							
Turbidity/Color							
Odor (Y/N)							
Casing Volumes							
Dewatered (Y/N)							

WELL DRY!

Comments/Observations:

SAMPLING DATA

Time Sampled: *—* Approximate Depth to Water During Sampling: *—* (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>PMW-6</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>		<i>TPH-g, BTEX, MTBE</i>

Total Purge Volume: *—* (gallons) Disposal: *SYSTEM*

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling: *ok*

Well Head Conditions Requiring Correction: *ok*

Problems Encountered During Purging and Sampling: *none*

Comments:



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 7-3399

Well No: OW-1

Date: 3/28/2001

Project No: UP3399.1

Personnel: DOUG F.

GAUGING DATA

Water Level Measuring Method: interface probe

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)			
	12.40	-	9.65	=	2.75	X	1	2	4	6	1.76	=
						0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: Submersible Pump

Purge Depth: Screen

Purge Rate: (gpm)

Time	1950	1951	1952	1953	1954	
Volume Purge (gal)	2.0	4.0	6.0	8.0	10.0	
Temperature (C)	16.3	16.1	16.0	16.0	16.0	
pH	6.86	6.87	6.86	6.83	6.81	
Spec. Cond. (umhos)	.544	.516	.501	.486	.474	
Turbidity/Color	/					
Odor (Y/N)	N	N	N	N	N	
Casing Volumes	clear	clear	clear	clear	clear	
Dewatered (Y/N)	N	N	N	N	N	

Comments/Observations:

SAMPLING DATA

Time Sampled: 2000

Approximate Depth to Water During Sampling: 9.70 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/Color	Analysis Method
OW-1	6	Voa	HCL	40 ml	/	TPH-g, BTEX, MTBE
					/	
					/	

Total Purge Volume: 10.0 (gallons)

Disposal:

SYSTEM

Weather Conditions:

OK

Condition of Well Box and Casing at Time of Sampling:

OK

Well Head Conditions Requiring Correction:

none

Problems Encountered During Purging and Sampling:

none

Comments:

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *OW-2* Date: *3/28/2001*
 Project No: *UP3399.1* Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *interface probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)		
				1	2	4	6				
	<i>12.74</i>	<i>6.59</i>	<i>6.15</i>	<i>X</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>3.9</i>	<i>=</i>	<i>11.8</i>
					<i>0.04</i>	<i>0.16</i>	<i>0.64</i>	<i>1.44</i>			

PURGING DATA

Purge Method: *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time	1913	1915	1917			
Volume Purge (gal)	<i>4.0</i>	<i>8.0</i>	<i>12.0</i>			
Temperature (C)	<i>17.8</i>	<i>18.0</i>	<i>18.0</i>			
pH	<i>6.85</i>	<i>6.73</i>	<i>6.71</i>			
Spec. Cond. (umhos)	<i>.696</i>	<i>.608</i>	<i>.569</i>			
Turbidity/Color	<i>/</i>	<i>/</i>	<i>/</i>			
Odor (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			
Casing Volumes	<i>clear</i>	<i>clear</i>	<i>clear</i>			
Dewatered (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			

Comments/Observations:

SAMPLING DATA

Time Sampled: *2020* Approximate Depth to Water During Sampling: *9-64 (feet)*

Comments: *210 vol recharge to 50%*

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>OW-2</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>	<i>/</i>	<i>TPH-g, BTEX, MTBE</i>
					<i>/</i>	
					<i>/</i>	
					<i>/</i>	

Total Purge Volume: *12.0 (gallons)* Disposal: *SYSTEM*

Weather Conditions: *OK*

Condition of Well Box and Casing at Time of Sampling: *OK*

Well Head Conditions Requiring Correction: *None*

Problems Encountered During Purging and Sampling: *None*

Comments:



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *VR-1* Date: *3/28/2001*
 Project No: *UP3399.1* Personnel: *DOUG F.*

GAUGING DATA
 Water Level Measuring Method: *Interface Probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
	<i>30.85</i>	<i>23.99</i>	<i>6.86</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>4.3</i>	<i>13.1</i>
				<i>0.04</i>	<i>0.16</i>	<i>0.64</i>	<i>1.44</i>		

PURGING DATA
 Purge Method: *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time	2023	2024	2026			
Volume Purge (gal)	<i>5.0</i>	<i>10.0</i>	<i>15.0</i>			
Temperature (C)	<i>19.1</i>	<i>19.7</i>	<i>19.9</i>			
pH	<i>6.61</i>	<i>6.63</i>	<i>6.69</i>			
Spec. Cond. (umhos)	<i>1.13</i>	<i>1.23</i>	<i>1.30</i>			
Turbidity/Color	<i>/</i>	<i>/</i>	<i>/</i>			
Odor (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			
Casing Volumes	<i>clear</i>	<i>clear</i>	<i>clear</i>			
Dewatered (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>			

Comments/Observations: *Well box flooded / no bolts to cover*

SAMPLING DATA
 Time Sampled: *2035* Approximate Depth to Water During Sampling: *24.02 (feet)*
 Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>VR-1</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>	<i>/</i>	<i>TPH-g, BTEX, MTBE</i>
					<i>/</i>	
					<i>/</i>	

Total Purge Volume: *15.0 (gallons)* Disposal: *SYSTEM*

Weather Conditions: *OK*
 Condition of Well Box and Casing at Time of Sampling: *OK*
 Well Head Conditions Requiring Correction: *None*
 Problems Encountered During Purging and Sampling: *None*

Comments:

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *VR-2* Date: *3/28/2001*
 Project No: *UP3399.1* Personnel: *DOUG F.*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Description: *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
	<i>43.51</i>	<i>42.00</i>	<i>1.51</i>	<i>X</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>.24</i>
				<i>0.04</i>	<i>0.16</i>	<i>0.64</i>	<i>1.44</i>		

PURGING DATA

Purge Method: *Submersible Pump* Purge Depth: *Screen* Purge Rate: *(gpm)*

Time	Volume Purge (gal)	Temperature (C)	pH	Spec Cond. (umhos)	Turbidity/Color	Odor (Y/N)	Casing Volumes	Dewatered (Y/N)
<i>Purged & Sample Only!</i>								

Comments/Observations:

SAMPLING DATA

Time Sampled: *17-36* Approximate Depth to Water During Sampling: *42.00 (feet)*

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/Color	Analysis Method
<i>VR-2</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>		<i>TPH-g, BTEX, MTBE</i>

Total Purge Volume: *.72* (gallons) Disposal: *SYSTEM*

Weather Conditions: *OK*

Condition of Well Box and Casing at Time of Sampling: *OK*

Well Head Conditions Requiring Correction: *none*

Problems Encountered During Purging and Sampling: *none*

Comments:

Appendix B
Laboratory Analytical Reports



Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

13 April, 2001

Joe Muehleck
ETIC Engineering Inc - WC (Exxon)
2285 Morello Avenue
Pleasant Hill, CA 94523

RE: Exxon
Sequoia Report: MKD0083

Enclosed are the results of analyses for samples received by the laboratory on 03/30/01 16:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Wayne Stevenson
Client Services Manager

CA ELAP Certificate #1210

Received

APR 21 2001

ETIC Engineering Inc.





ETIC Engineering Inc - WC (Exxon)
2285 Moreflo Avenue
Pleasant Hill CA, 94523

Project: Exxon
Project Number: 7-3399
Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-5 S	MKD0083-01	Water	03/28/01 12:31	03/30/01 16:40
MW-5 D	MKD0083-02	Water	03/28/01 12:45	03/30/01 16:40
MW-14	MKD0083-03	Water	03/28/01 12:56	03/30/01 16:40
MW-12 A	MKD0083-04	Water	03/28/01 13:50	03/30/01 16:40
MW-13	MKD0083-05	Water	03/28/01 13:59	03/30/01 16:40
MW-11	MKD0083-06	Water	03/28/01 14:31	03/30/01 16:40
MW-7	MKD0083-07	Water	03/28/01 15:10	03/30/01 16:40
MW-10	MKD0083-08	Water	03/28/01 15:40	03/30/01 16:40
MW-4	MKD0083-09	Water	03/28/01 15:40	03/30/01 16:40
MW-9 A	MKD0083-10	Water	03/28/01 16:25	03/30/01 16:40
PMW 4	MKD0083-11	Water	03/28/01 16:30	03/30/01 16:40
VR 2	MKD0083-12	Water	03/28/01 17:36	03/30/01 16:40
MW 8	MKD0083-13	Water	03/28/01 18:15	03/30/01 16:40
MW 1	MKD0083-14	Water	03/28/01 18:39	03/30/01 16:40
MW 3	MKD0083-15	Water	03/28/01 18:50	03/30/01 16:40
PMW 5	MKD0083-16	Water	03/28/01 19:39	03/30/01 16:40
OW -1	MKD0083-17	Water	03/28/01 20:00	03/30/01 16:40
OW -2	MKD0083-18	Water	03/28/01 20:00	03/30/01 16:40
PMW 2	MKD0083-19	Water	03/28/01 20:07	03/30/01 16:40
Vr -1	MKD0083-20	Water	03/28/01 20:07	03/30/01 16:40

*JA 5/7/01
(PMW3)*

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Wayne Stevenson, Client Services Manager





ETIC Engineering Inc - WC (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon
Project Number: 7-3399
Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 S (MKD0083-01) Water Sampled: 03/28/01 12:31 Received: 03/30/01 16:40									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05003	04/05/01	04/05/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		94.0 %	70-130		"	"	"	"	
MW-5 D (MKD0083-02) Water Sampled: 03/28/01 12:45 Received: 03/30/01 16:40									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05003	04/05/01	04/05/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		95.1 %	70-130		"	"	"	"	
MW-14 (MKD0083-03) Water Sampled: 03/28/01 12:56 Received: 03/30/01 16:40									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05003	04/05/01	04/05/01	DHS LUFT	
Benzene	0.516	0.500	"	"	"	"	"	"	
Toluene	0.978	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	0.919	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		98.1 %	70-130		"	"	"	"	





ETIC Engineering Inc - WC (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon
Project Number: 7-3399
Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-12 A (MKD0083-04) Water Sampled: 03/28/01 13:50 Received: 03/30/01 16:40									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05003	04/05/01	04/05/01	DHS LUFT	
Benzene	0.622	0.500	"	"	"	"	"	"	
Toluene	0.823	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	0.526	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98.1 %	70-130		"	"	"	"	
MW-13 (MKD0083-05) Water Sampled: 03/28/01 13:59 Received: 03/30/01 16:40									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05003	04/05/01	04/05/01	DHS LUFT	
Benzene	0.769	0.500	"	"	"	"	"	"	
Toluene	1.45	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	0.594	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		93.2 %	70-130		"	"	"	"	
MW-11 (MKD0083-06) Water Sampled: 03/28/01 14:31 Received: 03/30/01 16:40									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05003	04/05/01	04/05/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		91.5 %	70-130		"	"	"	"	





ETIC Engineering Inc - WC (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon
Project Number: 7-3399
Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (MKD0083-07) Water Sampled: 03/28/01 15:10 Received: 03/30/01 16:40									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05003	04/05/01	04/05/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		96.6 %	70-130		"	"	"	"	
MW-10 (MKD0083-08) Water Sampled: 03/28/01 15:40 Received: 03/30/01 16:40									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05003	04/05/01	04/05/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		94.1 %	70-130		"	"	"	"	
MW-4 (MKD0083-09) Water Sampled: 03/28/01 15:40 Received: 03/30/01 16:40									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05003	04/05/01	04/05/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		94.8 %	70-130		"	"	"	"	





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2285 Morello Avenue
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Project: Exxon
Project Number: 7-3399
Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 A (MKD0083-10) Water Sampled: 03/28/01 16:25 Received: 03/30/01 16:40									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05003	04/05/01	04/05/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		93.5 %	70-130		"	"	"	"	
PMW 4 (MKD0083-11) Water Sampled: 03/28/01 16:30 Received: 03/30/01 16:40									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D06001	04/06/01	04/06/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		95.8 %	70-130		"	"	"	"	
VR 2 (MKD0083-12) Water Sampled: 03/28/01 17:36 Received: 03/30/01 16:40									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05004	04/05/01	04/05/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	5.85	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		95.2 %	70-130		"	"	"	"	





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2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon
Project Number: 7-3399
Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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MW 8 (MKD0083-13) Water Sampled: 03/28/01 18:15 Received: 03/30/01 16:40

Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D09003	04/09/01	04/09/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	

Surrogate: *a,a,a-Trifluorotoluene* 93.8 % 70-130 " " " "

MW 1 (MKD0083-14) Water Sampled: 03/28/01 18:39 Received: 03/30/01 16:40

Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05004	04/05/01	04/05/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	

Surrogate: *a,a,a-Trifluorotoluene* 94.4 % 70-130 " " " "

MW 3 (MKD0083-15) Water Sampled: 03/28/01 18:50 Received: 03/30/01 16:40

Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05004	04/05/01	04/05/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	

Surrogate: *a,a,a-Trifluorotoluene* 93.2 % 70-130 " " " "





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2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon
Project Number: 7-3399
Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PMW 5 (MKD0083-16) Water Sampled: 03/28/01 19:39 Received: 03/30/01 16:40									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05004	04/05/01	04/05/01	DHS LUFT	
Benzene	1.38	0.500	"	"	"	"	"	"	
Toluene	0.790	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	420	25.0	"	10	"	"	04/05/01	"	M-03
<i>Surrogate: a,a,a-Trifluorotoluene</i>		104 %	70-130	"	"	"	04/05/01	"	
OW -1 (MKD0083-17) Water Sampled: 03/28/01 20:00 Received: 03/30/01 16:40									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05004	04/05/01	04/05/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	8.27	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		97.9 %	70-130	"	"	"	"	"	
OW -2 (MKD0083-18) Water Sampled: 03/28/01 20:00 Received: 03/30/01 16:40									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05004	04/05/01	04/05/01	DHS LUFT	
Benzene	3.92	0.500	"	"	"	"	"	"	
Toluene	1.16	0.500	"	"	"	"	"	"	
Ethylbenzene	0.692	0.500	"	"	"	"	"	"	
Xylenes (total)	2.71	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	9130	125	"	50	"	"	04/06/01	"	M-03
<i>Surrogate: a,a,a-Trifluorotoluene</i>		116 %	70-130	"	"	"	04/05/01	"	





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2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon
Project Number: 7-3399
Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PMW 2 (MKD0083-19) Water Sampled: 03/28/01 20:07 Received: 03/30/01 16:40									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05004	04/05/01	04/05/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	0.632	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	1.88	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	400	25.0	"	10	"	"	04/05/01	"	M-03
Surrogate: a,a,a-Trifluorotoluene		101 %	70-130		"	"	04/05/01	"	
Vr -1 (MKD0083-20) Water Sampled: 03/28/01 20:07 Received: 03/30/01 16:40									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D05004	04/05/01	04/05/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	86.6	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		98.5 %	70-130		"	"	"	"	





ETIC Engineering Inc - WC (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon
Project Number: 7-3399
Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

**MTBE by EPA Method 8260A
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 S (MKD0083-01) Water Sampled: 03/28/01 12:31 Received: 03/30/01 16:40									
Methyl tert-butyl ether	ND	1.00	ug/l	1	1D06006	04/05/01	04/05/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130		"	"	"	"	
MW-5 D (MKD0083-02) Water Sampled: 03/28/01 12:45 Received: 03/30/01 16:40									
Methyl tert-butyl ether	ND	1.00	ug/l	1	1D06006	04/05/01	04/06/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		89.0 %	70-130		"	"	"	"	
MW-14 (MKD0083-03) Water Sampled: 03/28/01 12:56 Received: 03/30/01 16:40									
Methyl tert-butyl ether	ND	1.00	ug/l	1	1D06006	04/05/01	04/06/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		86.8 %	70-130		"	"	"	"	
MW-12 A (MKD0083-04) Water Sampled: 03/28/01 13:50 Received: 03/30/01 16:40									
Methyl tert-butyl ether	ND	1.00	ug/l	1	1D06006	04/05/01	04/06/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		86.1 %	70-130		"	"	"	"	
MW-13 (MKD0083-05) Water Sampled: 03/28/01 13:59 Received: 03/30/01 16:40									
Methyl tert-butyl ether	ND	1.00	ug/l	1	1D06006	04/05/01	04/06/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		87.7 %	70-130		"	"	"	"	
MW-11 (MKD0083-06) Water Sampled: 03/28/01 14:31 Received: 03/30/01 16:40									
Methyl tert-butyl ether	ND	1.00	ug/l	1	1D06006	04/05/01	04/06/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130		"	"	"	"	
MW-7 (MKD0083-07) Water Sampled: 03/28/01 15:10 Received: 03/30/01 16:40									
Methyl tert-butyl ether	1.17	1.00	ug/l	1	1D06006	04/05/01	04/06/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130		"	"	"	"	





ETIC Engineering Inc - WC (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon
Project Number: 7-3399
Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

MTBE by EPA Method 8260A Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MKD0083-08) Water Sampled: 03/28/01 15:40 Received: 03/30/01 16:40									
Methyl tert-butyl ether	ND	1.00	ug/l	1	1D06006	04/05/01	04/06/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		90.7 %	70-130		"	"	"	"	
MW-4 (MKD0083-09) Water Sampled: 03/28/01 15:40 Received: 03/30/01 16:40									
Methyl tert-butyl ether	ND	1.00	ug/l	1	1D06006	04/05/01	04/06/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130		"	"	"	"	
MW-9 A (MKD0083-10) Water Sampled: 03/28/01 16:25 Received: 03/30/01 16:40									
Methyl tert-butyl ether	ND	1.00	ug/l	1	1D06006	04/05/01	04/06/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		89.4 %	70-130		"	"	"	"	
PMW 4 (MKD0083-11) Water Sampled: 03/28/01 16:30 Received: 03/30/01 16:40									
Methyl tert-butyl ether	1.11	1.00	ug/l	1	1D09022	04/06/01	04/06/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		"	"	"	"	
R 2 (MKD0083-12) Water Sampled: 03/28/01 17:36 Received: 03/30/01 16:40									
Methyl tert-butyl ether	2.98	1.00	ug/l	1	1D09022	04/06/01	04/07/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		"	"	"	"	
IW 8 (MKD0083-13) Water Sampled: 03/28/01 18:15 Received: 03/30/01 16:40									
Methyl tert-butyl ether	1.00	1.00	ug/l	1	1D09022	04/06/01	04/07/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		"	"	"	"	
IW 1 (MKD0083-14) Water Sampled: 03/28/01 18:39 Received: 03/30/01 16:40									
Methyl tert-butyl ether	ND	1.00	ug/l	1	1D09022	04/06/01	04/07/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		"	"	"	"	





ETIC Engineering Inc - WC (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon
Project Number: 7-3399
Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

MTBE by EPA Method 8260A Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 3 (MKD0083-15) Water Sampled: 03/28/01 18:50 Received: 03/30/01 16:40 (PMW3) SM 5/2/01									
Methyl tert-butyl ether	1.08	1.00	ug/l	1	1D09022	04/06/01	04/07/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		"	"	"	"	
PMW 5 (MKD0083-16) Water Sampled: 03/28/01 19:39 Received: 03/30/01 16:40									
Methyl tert-butyl ether	304	20.0	ug/l	20	1D10015	04/09/01	04/09/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		84.9 %	70-130		"	"	"	"	
OW -1 (MKD0083-17) Water Sampled: 03/28/01 20:00 Received: 03/30/01 16:40									
Methyl tert-butyl ether	7.97	1.00	ug/l	1	1D09022	04/06/01	04/07/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130		"	"	"	"	
OW -2 (MKD0083-18) Water Sampled: 03/28/01 20:00 Received: 03/30/01 16:40									
Methyl tert-butyl ether	5650	100	ug/l	100	1D10015	04/09/01	04/09/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		80.8 %	70-130		"	"	"	"	
PMW 2 (MKD0083-19) Water Sampled: 03/28/01 20:07 Received: 03/30/01 16:40									
Methyl tert-butyl ether	284	20.0	ug/l	20	1D10015	04/09/01	04/09/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		78.7 %	70-130		"	"	"	"	
Vr -1 (MKD0083-20) Water Sampled: 03/28/01 20:07 Received: 03/30/01 16:40									
Methyl tert-butyl ether	55.9	5.00	ug/l	5	1D10015	04/09/01	04/09/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		79.2 %	70-130		"	"	"	"	





ETIC Engineering Inc - WC (Exxon)
2285 Morelio Avenue
Pleasant Hill CA, 94523

Project: Exxon
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Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1D05003 - EPA 5030B [P/T]

Blank (1D05003-BLK1)

Prepared & Analyzed: 04/05/01

Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	9.36		"	10.0		93.6	70-130			

LCS (1D05003-BS1)

Prepared & Analyzed: 04/05/01

Benzene	9.74	0.500	ug/l	10.0		97.4	70-130			
Toluene	9.03	0.500	"	10.0		90.3	70-130			
Ethylbenzene	9.12	0.500	"	10.0		91.2	70-130			
Xylenes (total)	27.2	0.500	"	30.0		90.7	70-130			
Surrogate: a,a,a-Trifluorotoluene	9.36		"	10.0		93.6	70-130			

Matrix Spike (1D05003-MS1)

Source: MKD0083-02

Prepared & Analyzed: 04/05/01

Benzene	10.0	0.500	ug/l	10.0	ND	100	60-140			
Toluene	9.34	0.500	"	10.0	ND	93.4	60-140			
Ethylbenzene	9.19	0.500	"	10.0	ND	91.9	60-140			
Xylenes (total)	28.0	0.500	"	30.0	ND	93.3	60-140			
Surrogate: a,a,a-Trifluorotoluene	9.62		"	10.0		96.2	70-130			

Matrix Spike Dup (1D05003-MSD1)

Source: MKD0083-02

Prepared & Analyzed: 04/05/01

Benzene	9.81	0.500	ug/l	10.0	ND	98.1	60-140	1.92	25	
Toluene	8.85	0.500	"	10.0	ND	88.5	60-140	5.39	25	
Ethylbenzene	8.34	0.500	"	10.0	ND	83.4	60-140	9.70	25	
Xylenes (total)	26.9	0.500	"	30.0	ND	89.7	60-140	4.01	25	
Surrogate: a,a,a-Trifluorotoluene	9.70		"	10.0		97.0	70-130			





ETIC Engineering Inc - WC (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon
Project Number: 7-3399
Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1D05004 - EPA 5030B [P/T]

Blank (1D05004-BLK1)

Prepared & Analyzed: 04/05/01

Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	9.72		"	10.0		97.2	70-130			

LCS (1D05004-BS1)

Prepared & Analyzed: 04/05/01

Purgeable Hydrocarbons	242	50.0	ug/l	250		96.8	70-130			
Surrogate: a,a,a-Trifluorotoluene	13.7		"	10.0		137	70-130			S-02

Matrix Spike (1D05004-MS1)

Source: MKD0083-15

Prepared & Analyzed: 04/05/01

Purgeable Hydrocarbons	233	50.0	ug/l	250	ND	93.2	60-140			
Surrogate: a,a,a-Trifluorotoluene	15.2		"	10.0		152	70-130			S-02

Matrix Spike Dup (1D05004-MSD1)

Source: MKD0083-15

Prepared & Analyzed: 04/05/01

Purgeable Hydrocarbons	231	50.0	ug/l	250	ND	92.4	60-140	0.862	25	
Surrogate: a,a,a-Trifluorotoluene	15.1		"	10.0		151	70-130			S-02

Batch 1D06001 - EPA 5030B [P/T]

Blank (1D06001-BLK1)

Prepared & Analyzed: 04/06/01

Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	10.0		"	10.0		100	70-130			





ETIC Engineering Inc - WC (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon
Project Number: 7-3399
Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1D06001 - EPA 5030B [P/T]										
LCS (1D06001-BS1) Prepared & Analyzed: 04/06/01										
Purgeable Hydrocarbons	248	50.0	ug/l	250		99.2	70-130			
Surrogate: a,a,a-Trifluorotoluene	9.14		"	10.0		91.4	70-130			
Matrix Spike (1D06001-MS1) Source: MKD0127-04 Prepared & Analyzed: 04/06/01										
Purgeable Hydrocarbons	264	50.0	ug/l	250	ND	106	60-140			
Surrogate: a,a,a-Trifluorotoluene	9.36		"	10.0		93.6	70-130			
Matrix Spike Dup (1D06001-MSD1) Source: MKD0127-04 Prepared & Analyzed: 04/06/01										
Purgeable Hydrocarbons	201	50.0	ug/l	250	ND	80.4	60-140	27.1	25	Q-07
Surrogate: a,a,a-Trifluorotoluene	9.09		"	10.0		90.9	70-130			
Batch 1D09003 - EPA 5030B [P/T]										
Blank (1D09003-BLK1) Prepared & Analyzed: 04/09/01										
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	8.96		"	10.0		89.6	70-130			
LCS (1D09003-BS1) Prepared & Analyzed: 04/09/01										
Benzene	9.13	0.500	ug/l	10.0		91.3	70-130			
Toluene	8.58	0.500	"	10.0		85.8	70-130			
Ethylbenzene	8.63	0.500	"	10.0		86.3	70-130			
Xylenes (total)	25.7	0.500	"	30.0		85.7	70-130			
Surrogate: a,a,a-Trifluorotoluene	8.97		"	10.0		89.7	70-130			





ETIC Engineering Inc - WC (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon
Project Number: 7-3399
Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1D09003 - EPA 5030B [P/T]

Matrix Spike (1D09003-MS1)		Source: MKD0163-04		Prepared & Analyzed: 04/09/01						
Benzene	9.89	0.500	ug/l	10.0	ND	98.9	60-140			
Toluene	9.21	0.500	"	10.0	ND	92.1	60-140			
Ethylbenzene	9.40	0.500	"	10.0	ND	94.0	60-140			
Xylenes (total)	27.7	0.500	"	30.0	ND	92.3	60-140			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	9.80		"	10.0		98.0	70-130			

Matrix Spike Dup (1D09003-MSD1)		Source: MKD0163-04		Prepared & Analyzed: 04/09/01						
Benzene	9.38	0.500	ug/l	10.0	ND	93.8	60-140	5.29	25	
Toluene	8.78	0.500	"	10.0	ND	87.8	60-140	4.78	25	
Ethylbenzene	8.80	0.500	"	10.0	ND	88.0	60-140	6.59	25	
Xylenes (total)	26.3	0.500	"	30.0	ND	87.7	60-140	5.19	25	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	8.75		"	10.0		87.5	70-130			





ETIC Engineering Inc - WC (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon
Project Number: 7-3399
Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

MTBE by EPA Method 8260A - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1D06006 - EPA 5030B P/T

Blank (1D06006-BLK1)

Prepared & Analyzed: 04/05/01

Methyl tert-butyl ether	ND	1.00	ug/l							
Surrogate: 1,2-Dichloroethane-d4	9.24		"	10.0		92.4	70-130			

LCS (1D06006-BS1)

Prepared & Analyzed: 04/05/01

Methyl tert-butyl ether	10.3	1.00	ug/l	10.0		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	9.41		"	10.0		94.1	70-130			

Matrix Spike (1D06006-MS1)

Source: MKD0083-01 Prepared: 04/05/01 Analyzed: 04/06/01

Methyl tert-butyl ether	10.2	1.00	ug/l	10.0	ND	98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	9.05		"	10.0		90.5	70-130			

Matrix Spike Dup (1D06006-MSD1)

Source: MKD0083-01 Prepared: 04/05/01 Analyzed: 04/06/01

Methyl tert-butyl ether	10.2	1.00	ug/l	10.0	ND	98.5	70-130	0	25	
Surrogate: 1,2-Dichloroethane-d4	9.06		"	10.0		90.6	70-130			

Batch 1D09022 - EPA 5030B P/T

Blank (1D09022-BLK1)

Prepared & Analyzed: 04/06/01

Methyl tert-butyl ether	ND	1.00	ug/l							
Surrogate: 1,2-Dichloroethane-d4	11.7		"	10.0		117	70-130			

LCS (1D09022-BS1)

Prepared & Analyzed: 04/06/01

Methyl tert-butyl ether	11.0	1.00	ug/l	10.0		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	11.8		"	10.0		118	70-130			

LCS Dup (1D09022-BSD1)

Prepared & Analyzed: 04/06/01

Methyl tert-butyl ether	11.7	1.00	ug/l	10.0		117	70-130	6.17	25	
Surrogate: 1,2-Dichloroethane-d4	11.2		"	10.0		112	70-130			





ETIC Engineering Inc - WC (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon
Project Number: 7-3399
Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

MTBE by EPA Method 8260A - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1D10015 - EPA 5030B P/T										
Blank (1D10015-BLK1) Prepared & Analyzed: 04/09/01										
Methyl tert-butyl ether	ND	1.00	ug/l							
Surrogate: 1,2-Dichloroethane-d4	10.1		"	10.0		101	70-130			
LCS (1D10015-BS1) Prepared & Analyzed: 04/09/01										
Methyl tert-butyl ether	9.47	1.00	ug/l	10.0		94.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	10.5		"	10.0		105	70-130			
Matrix Spike (1D10015-MS1) Source: MKD0083-16 Prepared & Analyzed: 04/09/01										
Methyl tert-butyl ether	417	20.0	ug/l	100	304	113	70-130			
Surrogate: 1,2-Dichloroethane-d4	12.3		"	10.0		123	70-130			
Matrix Spike Dup (1D10015-MSD1) Source: MKD0083-16 Prepared & Analyzed: 04/09/01										
Methyl tert-butyl ether	395	20.0	ug/l	100	304	91.0	70-130	5.42	25	
Surrogate: 1,2-Dichloroethane-d4	8.07		"	10.0		80.7	70-130			





ETIC Engineering Inc - WC (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon
Project Number: 7-3399
Project Manager: Joe Muehleck

Reported:
04/13/01 15:20

Notes and Definitions

- M-03 Sample was analyzed at a second dilution.
- Q-07 The RPD value for this QC sample is above the established control limit. Review of associated QC indicates the high RPD does not represent an out-of-control condition for the batch.
- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference





680 Chesapeake Dr.
Redwood City, CA 94063
(650) 364-9600 • FAX (650) 364-9233

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

Consultant's Name: ETIC Page 1 of 3

Address: 2285 Morello Ave, Pleasant Hill CA, 94523 Site Location: 2991 HOPKARD RD.

Project #: M2399 Consultant Project #: UP3399.1 Consultant Work Release #:

Project Contact: Joe Muehleck Phone #: 925-602-4710 Laboratory Work Release #: 21040445

EXXON Contact: Gene Ortega Phone #: EXXON RAS #: 7-3399

Sampled by (print): Jake H / Doug F Sampler's Signature: Doug F Pleasanton, CA

Shipment Method: Air Bill #:

TAT: 24 hr 48 hr 72 hr 96 hr Standard (10 day) ANALYSIS REQUIRED MKCO083

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas	TPH/	TRPH	MTBE	Temperature: _____
							BTEX/8015/8020	Diesel EPA 8015	S.M. 5520	8260	
MW 5	3/28/01	1231	H2O	HCl	6		X			X	01
MW 5D		1245			6		X			X	02
MW 14		1256			6		X			X	03
MW 12A		1350			6		X			X	04
MW 13		1359			6		X			X	05
MW 11		1431			6		X			X	06
MW 7		1510			6		X			X	07
MW 10		1540			6		X			X	08
MW 4		1610			6		X			X	09

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
<u>Doug F / Sequoia</u>	3/28/01		<u>Mark Colby / Sequoia</u>	3/30/01	1616	
<u>Mark Colby / Sequoia</u>	3/30/01	1640	<u>Mike Gouin / Sequoia</u>	3/30/01	1640	
<u>Mike Gouin / Sequoia</u>	4/2/01	1115	<u>John Small / Sequoia</u>	4/2/01	1115	
<u>John Small / Sequoia</u>	4/2/01	1952	<u>A. Shelley / Sequoia</u>	4/2/01	1952	

Pink - Client
Yellow - Sequoia
White - Sequoia



CHAIN OF CUSTODY

Consultant's Name: ETIC

Address: 2285 Morello Ave, Pleasant Hill CA 94523 Site Location: 2991 Hopyard Rd

Project #: _____ Consultant Project #: UP3399.1 Consultant Work Release #: _____

Project Contact: Joe Muehleck Phone #: 925-602-4710 Laboratory Work Release #: 21040445

EXXON Contact: Gene Ortega Phone #: _____ EXXON RAS #: 7-3399

Sampled by (print): JAKE H. / Doug F Sampler's Signature: Doug Fagan Pleasanton, CA

Shipment Method: _____ 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	TPH/Diesel	TRPH	MTBE	Temperature: _____
							BTEX/8015/8020	EPA 8015	S.M. 5520	8260	
/ MW 9A	3-28-01	1625	H2O	HCl	6		X			X	10
/ pmw 4		1630			6		X			X	11
/ VR2		1736			6		X			X	12
/ mw 8		1815			6		X			X	13
/ mw 1		1839			6		X			X	14
/ mw 3 (pmw 3) sn 5/1/01		1850			6		X			X	15
/ pmw 5		1935			6		X			X	16
/ ow - 1		2000			6		X			X	17
/ ow - 2		2020			6		X			X	18

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
<u>Doug Fagan</u>	<u>3/28/01</u>		<u>Mark Coll. / Sequoia</u>	<u>3/30/01</u>	<u>1616</u>	
<u>Mark Coll. / Sequoia</u>	<u>3/30/01</u>	<u>1640</u>	<u>Mike Gornal / Sequoia</u>	<u>3/30/01</u>	<u>1640</u>	
<u>Mike Gornal / Sequoia</u>	<u>4/2/01</u>	<u>1115</u>	<u>D. R. Yonell / Sequoia</u>	<u>4/2/01</u>	<u>1115</u>	
<u>Shelley 4/2/01 1952</u>			<u>H. Shelley / Sequoia 1952</u>			

Pink - Client
Yellow - Sequoia
White - Sequoia



680 Chesapeake Dr.
Redwood City, CA 94063
(650) 364-9600 • FAX (650) 364-9233

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

CHAIN OF CUSTODY

Consultant's Name: <u>ETIC</u>		Site Location: <u>2991 Hopwood Rd</u>
Address: <u>2285 Morello Ave Pleasant Hill CA 94523</u>		Consultant Work Release #:
Project #:	Consultant Project #: <u>UP3399-1</u>	Laboratory Work Release #: <u>2104 0445</u>
Project Contact: <u>Joe Muchleck</u>	Phone #: <u>925-602-4710</u>	EXXON RAS #: <u>7-3399</u>
EXXON Contact: <u>Gene Ortega</u>	Phone #:	
Sampled by (print): <u>Jake H / Doug F</u>	Sampler's Signature: <u>Doug Fitzgerald</u>	<u>Pleasanton, CA</u>
Shipment Method:	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	TPH/Diesel	TRPH	MTBE	Temperature: _____
							BTEX/8015/8020	EPA 8015	S.M. 5520	8260	
<u>1 Pmw2</u>	<u>3-28-01</u>	<u>2007</u>	<u>H2O</u>	<u>HCl</u>	<u>6</u>		<u>X</u>			<u>X</u>	<u>19</u>
<u>VR-1</u>	<u>↓</u>	<u>2035</u>	<u>H2O</u>	<u>HCl</u>	<u>6</u>		<u>X</u>			<u>X</u>	<u>20</u>

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
<u>Doug Fitzgerald</u>	<u>3/28/01</u>		<u>Mark Cobb / Sequoia</u>	<u>3/30/01</u>	<u>1616</u>	
<u>Mark Cobb / Sequoia</u>	<u>3/30/01</u>	<u>1640</u>	<u>Mike Gorn / Sequoia</u>	<u>3/30/01</u>	<u>1640</u>	
<u>Gorn / Sequoia</u>	<u>4/2/01</u>	<u>1115</u>	<u>John Gwell / Sequoia</u>	<u>4/2/01</u>	<u>1115</u>	
<u>Shelley</u>	<u>4/2/01</u>	<u>1952</u>	<u>Shelley / Sequoia</u>	<u>4/2/01</u>	<u>1952</u>	

Pink - Client
Yellow - Sequoia
White - Sequoia