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

**ExxonMobil**  
Refining & Supply

August 17, 2001

AUG 21 2001

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

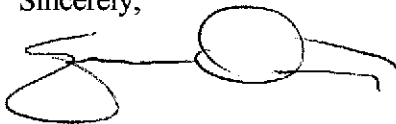
Subject: Former Exxon RAS #7-3399, 2991 Hopyard Road, Pleasanton, California

Dear Mr. Seery:

Attached for your review and comment is a copy of the *Report of Groundwater Monitoring, Second 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 June 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 August 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.



AUG 21 2001

# Report of Groundwater Monitoring Second 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

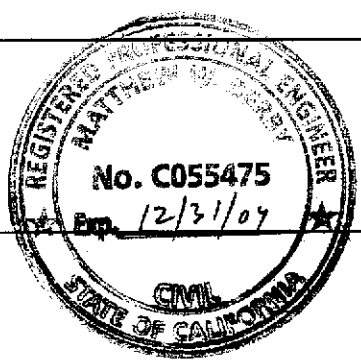
Prepared by

ETIC Engineering, Inc.  
2285 Morello Avenue  
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(925) 602-4710

*Joseph T. Muehleck*  
\_\_\_\_\_  
Joseph T. Muehleck  
Project Manager

*8/17/01*  
\_\_\_\_\_  
Date

*Matthew W. Derby*  
\_\_\_\_\_  
Matthew W. Derby, P.E. #C055475  
Senior Engineer



*8/14/01*  
\_\_\_\_\_  
Date

August 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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## 1. INTRODUCTION

Former Exxon Retail Site (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.

## 2. SUMMARY OF RESULTS

On 25 June 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, PMW1-PMW6, 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). Wells VR2 and OW1 were dry on 25 June.

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. **The groundwater flow direction on 25 June was to the east in the perched zone, with a gradient of approximately 0.03 calculated using wells PMW1-PMW6 and OW2. However, due to variability in 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 25 June was to the northwest at the water table (Zone 1), with a gradient of approximately 0.004 calculated using wells MW5S, MW7, and MW10. The groundwater flow direction in the deepest zone was to the southwest on 25 June with a gradient of approximately 0.042 calculated 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. Well MW9A, which is connected to the groundwater extraction system operating at the site, was sampled directly from the extraction system port. The groundwater extraction pump was not operable and could not be removed from well VR1 on 25 June, and therefore the well could not be purged or sampled. 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, and for BTEX and MTBE by EPA Method 8020. Samples in which MTBE was detected were also analyzed for MTBE by EPA Method 8260B for confirmation. 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 system consists of submersible pumps in wells VR1 and MW9A, pneumatic pumps in 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, Inc. (ETIC) started the GES on 12 March 2001.

As of 20 July 2001, the GES had treated 1,102,500 gallons of groundwater and removed approximately 0.44 pounds of hydrocarbons and 0.07 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 analytical data.

The GES operated continuously during the second quarter. The extraction pump in well VR1 was repaired on 20 July 2001. ETIC requested permission from the Alameda County Health Agency to stop groundwater extraction from well MW9A, and approval was granted. ETIC shut off groundwater extraction from well MW9A on 7 August 2001.

### 4. WORK PROPOSED FOR NEXT QUARTER

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

Operation of the groundwater extraction system will continue.



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

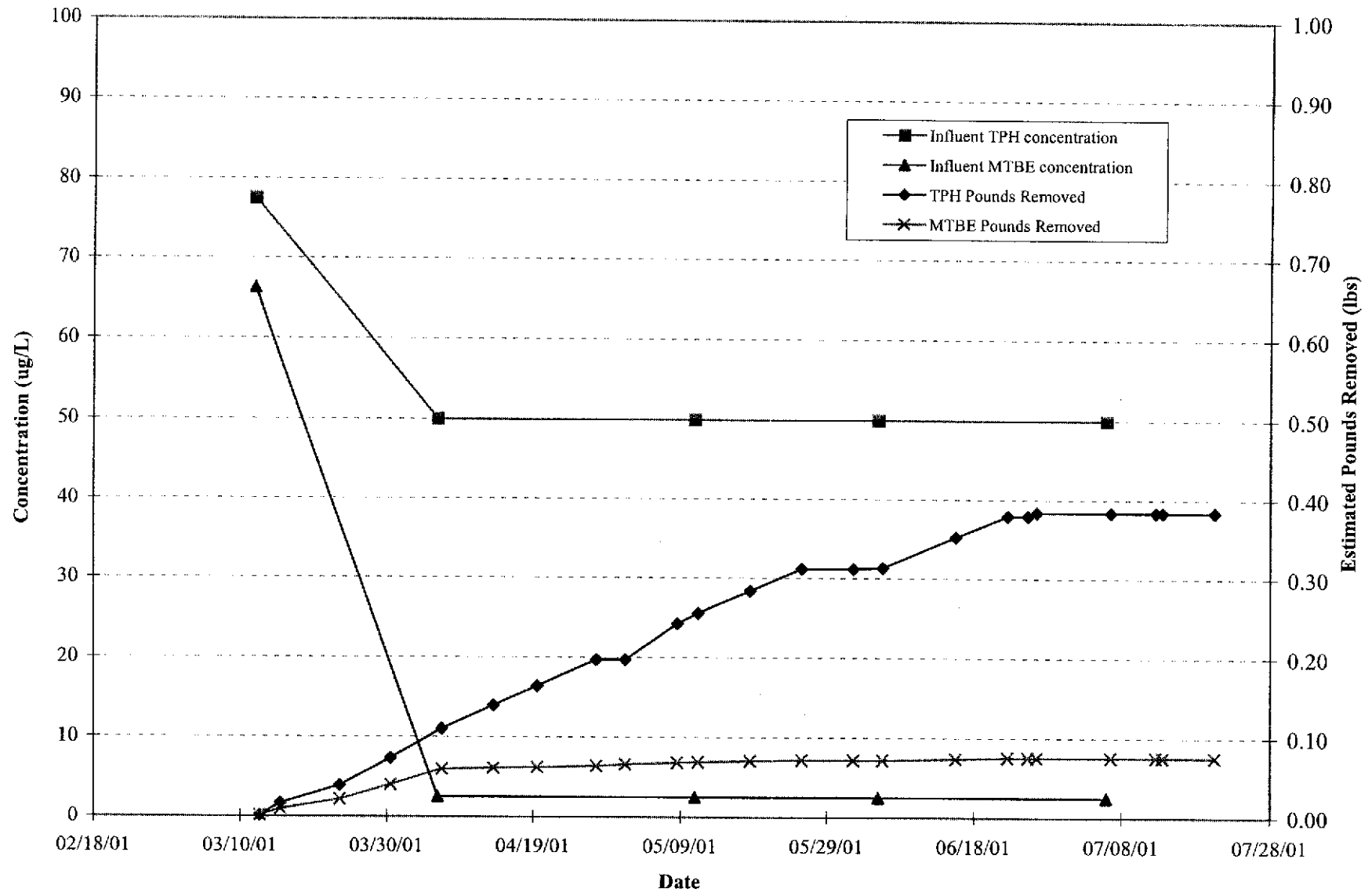


TABLE 1 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (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	321.44	36.34	285.10	0.00	NS	NS	NS	NS	NS	NS
	04/08/88	321.44	36.29	285.15	0.00	NS	NS	NS	NS	NS	NS
	04/19/88	321.44	36.36	285.08	0.00	NS	NS	NS	NS	NS	NS
	06/06/88	321.44	38.16	283.28	0.00	NS	NS	NS	NS	NS	NS
	06/23/88	321.44	38.71	282.73	0.00	NS	NS	NS	NS	NS	NS
	06/28/88	321.44	39.16	282.28	0.00	NS	NS	NS	NS	NS	NS
	07/06/88	321.44	39.73	281.71	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/13/88	321.44	40.22	281.22	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/12/88	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/26/88	321.44	41.90	279.54	0.00	NS	NS	NS	NS	NS	NS
	09/07/88	321.44	42.27	279.17	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	12/07/88	321.44	43.94	277.50	0.00	NS	NS	NS	NS	NS	NS
	12/19/88	321.44	43.70	277.74	0.00	NS	NS	NS	NS	NS	NS
	02/09/89	321.44	42.53	278.91	0.00	NS	NS	NS	NS	NS	NS
	03/03/89	321.44	NM	NC	NM	1.6	<0.5	<0.5	<0.5	<20	NA
	03/08/89	321.44	41.96	279.48	0.00	NS	NS	NS	NS	NS	NS
	04/03/89	321.44	41.59	279.85	0.00	NS	NS	NS	NS	NS	NS
	04/26/89	321.44	41.67	279.77	0.00	NS	NS	NS	NS	NS	NS
	06/30/89	321.44	43.79	277.65	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/17/89	321.44	44.74	276.70	0.00	<0.5	<0.5	<0.5	<0.5	23	NA
	07/18/89	321.44	44.76	276.68	0.00	NS	NS	NS	NS	NS	NS
	07/19/89	321.44	44.82	276.62	0.00	NS	NS	NS	NS	NS	NS
	07/20/89	321.44	44.85	276.59	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/21/89	321.44	44.95	276.49	0.00	NS	NS	NS	NS	NS	NS
	07/26/89	321.44	45.42	276.02	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/02/89	321.44	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/03/89	321.44	46.18	275.26	0.00	NS	NS	NS	NS	NS	NS
	08/17/89	321.44	47.12	274.32	0.00	NS	NS	NS	NS	NS	NS
	09/13/89	321.44	49.08	272.36	0.00	39	0.6	<0.5	5.1	220	NA
	11/28/89	321.44	50.21	271.23	0.00	NS	NS	NS	NS	NS	NS
	12/20/89	321.44	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)	Ethylbenzene (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	321.44	NM	NC	NM	18	1.6	<0.5	1.8	57	NA
	01/26/90	321.44	49.29	272.15	0.00	NS	NS	NS	NS	NS	NS
	02/23/90	321.44	49.02 <sup>a</sup>	272.42	0.00	NS	NS	NS	NS	NS	NS
	02/23/90	321.44	49.02	272.42	0.00	NS	NS	NS	NS	NS	NS
	02/27/90	321.44	NM	NC	NM	3.2	2.3	<0.5	3.2	55	NA
	03/26/90	321.44	48.71 <sup>a</sup>	272.73	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	03/26/90	321.44	48.70	272.74	0.00	NS	NS	NS	NS	NS	NS
	04/18/90	321.44	48.79	272.65	0.00	1.1	1.6	<0.5	3.1	25	NA
	05/17/90	321.44	49.40	272.04	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	06/11/90	321.44	50.83	270.61	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/30/90	321.44	52.17	269.27	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/27/90	321.44	53.44	268.00	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	09/28/90	321.44	53.40	268.04	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	12/27/90	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/20/91	321.44	53.35	268.09	0.00	NS	NS	NS	NS	NS	NS
	06/20/91	321.44	53.55	267.89	0.00	NS	NS	NS	NS	NS	NS
	09/12/91	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	12/30/91	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	01/30/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	02/16/93	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/02/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/24/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	04/14/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	05/21/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	06/08/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	07/14/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/10/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	09/16/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	10/07/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	11/09/92	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	12/10/92	321.44	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)	Ethylbenzene (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	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/11/93	321.44	53.09	268.35	0.00	NS	NS	NS	NS	NS	NS
	04/12/93	321.44	53.32	268.12	0.00	NS	NS	NS	NS	NS	NS
	06/01/93	321.44	53.40	268.04	0.00	NS	NS	NS	NS	NS	NS
	07/15/93	321.44	59.80	261.64	0.00	NS	NS	NS	NS	NS	NS
	08/15/93	321.44	53.45	267.99	0.00	NS	NS	NS	NS	NS	NS
	09/29/93	321.44	53.43	268.01	0.00	NS	NS	NS	NS	NS	NS
	09/30/93	321.44	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	10/28/93	321.44	53.38	268.06	0.00	NS	NS	NS	NS	NS	NS
	11/23/93	321.44	53.46	267.98	0.00	NS	NS	NS	NS	NS	NS
	11/24/93	321.44	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/10-11/94	321.44	53.46	267.98	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/04-05/94	321.44	53.34	268.10	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94 <sup>c</sup>	321.44	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94	321.44	52.09	269.35	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	321.44	49.41	272.03	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	321.44	39.97	281.47	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	321.44	40.68	280.76	0.00	<0.5	0.83	<0.5	<0.5	<50	<2.5
	11/30/95	321.44	38.99	282.45	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96	321.44	35.70	285.74	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96	321.44	34.17	287.27	0.00	<0.5	<0.5	<0.5	<0.5	52	<5.0
	08/28/96	321.44	38.37	283.07	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	11/18/96	321.44	38.40	283.04	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	02/28/97	321.44	33.29	288.15	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	05/23/97	321.44	33.63	287.91	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/23/97	321.44	38.05	283.39	0.00	<0.5	<0.5	<0.5	<0.5	<50	29
	12/30/97	321.44	36.74	284.70	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/24/98	321.44	31.65	289.79	0.00	1.4	2.5	<0.5	1.4	<50	16
	06/15/98	321.44	29.28	292.16	0.00	<0.5	<0.5	<0.5	<0.5	<50	22
	09/11/98	321.44	34.94	286.50	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/09/98	321.44	31.14	290.30	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>

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	03/31/99	321.44	28.10	293.34	0.00	<0.5	<0.5	<0.5	<0.5	<50	124/131 <sup>7</sup>
	06/30/99	321.44	33.94	287.50	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	08/03/99	321.44	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 <sup>f</sup>
	12/22/99	320.52	9.93	310.59	0.00	1.9	1.4	1.5	7.3	<50	990 <sup>f</sup>
	01/21/00	320.52	39.35	281.17	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
	04/04/00	320.52	34.70	285.82	0.00	<1	<1	<1	<1	<50	<1
	06/28/00	320.52	39.72	280.80	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
	09/26/00	320.52	43.26	277.26	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
	12/28/00	320.52	42.90	277.62	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 <sup>f</sup>
	03/28/01	320.52	42.36	278.16	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 <sup>f</sup>
	<b>06/25/01</b>	<b>320.52</b>	<b>45.51</b>	<b>275.01</b>	<b>0.00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;50</b>	<b>&lt;2.5</b>
MW2	04/02/88	NM	NM	NC	0.25	NS	NS	NS	NS	NS	NS
	04/04/88	NM	NM	NC	1.5	NS	NS	NS	NS	NS	NS
	04/05/88	NM	NM	NC	1.5	NS	NS	NS	NS	NS	NS
	04/06/88	NM	39.31	NC	3.2	NS	NS	NS	NS	NS	NS
	04/08/88	NM	NM	NC	NM	NS	NS	NS	NS	NS	NS
	04/19/88	NM	38.90	NC	2.48	NS	NS	NS	NS	NS	NS
	06/06/88	NM	38.78	NC	0.26	NS	NS	NS	NS	NS	NS
	06/23/88	NM	39.23	NC	0.13	NS	NS	NS	NS	NS	NS
	06/28/88	NM	39.72	NC	NM	NS	NS	NS	NS	NS	NS
	07/06/88	NM	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	NM	37.14	NC	0.00	NS	NS	NS	NS	NS	NS
	04/19/88	NM	37.22	NC	0.00	NS	NS	NS	NS	NS	NS
	06/06/88	NM	39.02	NC	0.00	NS	NS	NS	NS	NS	NS
	06/23/88	NM	39.58	NC	0.00	NS	NS	NS	NS	NS	NS
	06/28/88	NM	40.04	NC	0.00	NS	NS	NS	NS	NS	NS
	07/06/88	NM	40.60	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	07/13/88	NM	41.09	NC	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/12/88	NM	NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/26/88	NM	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	321.56	NM	NC	NM	1.8	16.3	0.6	7.1	80	NA
	04/19/88	321.56	36.51	285.05	0.00	NS	NS	NS	NS	NS	NS
	06/06/88	321.56	38.26	283.30	0.00	NS	NS	NS	NS	NS	NS
	06/23/88	321.56	38.83	282.73	0.00	NS	NS	NS	NS	NS	NS
	06/28/88	321.56	39.28	282.28	0.00	NS	NS	NS	NS	NS	NS
	07/06/88	321.56	39.85	281.71	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/13/88	321.56	40.31	281.25	0.00	<0.5	0.9	<0.5	<0.5	<20	NA
	08/12/88	321.56	NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/26/88	321.56	42.01	279.55	0.00	NS	NS	NS	NS	NS	NS
	09/07/88	321.56	NM	NC	NM	NS	NS	NS	NS	NS	NS
	12/07/88	321.56	NM	NC	NM	NS	NS	NS	NS	NS	NS
	12/19/88	321.56	43.83	277.73	0.00	NS	NS	NS	NS	NS	NS
	02/09/89	321.56	42.67	278.89	0.00	NS	NS	NS	NS	NS	NS
	03/08/89	321.56	42.11	279.45	0.00	3.8	1.0	<0.5	<0.5	440	NA
	04/03/89	321.56	41.73	279.83	0.00	NS	NS	NS	NS	NS	NS
	04/26/89	321.56	41.79	279.77	0.00	NS	NS	NS	NS	NS	NS
	06/30/89	321.56	43.88	277.68	0.00	<0.5	<0.5	<0.5	<0.5	100	NA
	07/17/89	321.56	44.85	276.71	0.00	<0.5	<0.5	<0.5	<0.5	390	NA
	07/18/89	321.56	44.88	276.68	0.00	NS	NS	NS	NS	NS	NS
07/19/89	321.56	44.92	276.64	0.00	NS	NS	NS	NS	NS	NS	
07/20/89	321.56	44.98	276.58	0.00	<0.5	<0.5	<0.5	<0.5	200	NA	
07/21/89	321.56	45.04	276.52	0.00	NS	NS	NS	NS	NS	NS	
07/26/89	321.56	45.50	276.06	0.00	<0.5	<0.5	<0.5	<0.5	66	NA	
08/02/89	321.56	NM	NC	NM	NS	NS	NS	NS	NS	NS	
08/03/89	321.56	46.28	275.28	0.00	NS	NS	NS	NS	NS	NS	
08/17/89	321.56	47.22	274.34	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	09/13/89	321.56	49.19	272.37	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	11/28/89	321.56	50.34	271.22	0.00	NS	NS	NS	NS	NS	NS
	12/20/89	321.56	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	01/09/90	321.56	49.47	272.09	0.00	NS	NS	NS	NS	NS	NS
	01/26/90	321.56	49.36	272.20	0.00	NS	NS	NS	NS	NS	NS
	02/23/90	321.56	49.18 <sup>a</sup>	272.38	0.00	NS	NS	NS	NS	NS	NS
	02/23/90	321.56	49.15	272.41	0.00	NS	NS	NS	NS	NS	NS
	03/26/90	321.56	48.84 <sup>a</sup>	272.72	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	03/26/90	321.56	48.83	272.73	0.00	NS	NS	NS	NS	NS	NS
	04/18/90	321.56	48.90	272.66	0.00	NS	NS	NS	NS	NS	NS
	05/17/90	321.56	50.03	271.53	0.00	NS	NS	NS	NS	NS	NS
	06/11/90	321.56	50.98	270.58	0.00	NS	NS	NS	NS	NS	NS
	07/30/90	321.56	53.57	267.99	0.00	NS	NS	NS	NS	NS	NS
	08/01/90	321.56	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/27/90	321.56	53.61	267.95	0.00	NS	NS	NS	NS	NS	NS
	09/28/90	321.56	53.57	267.99	0.00	NS	NS	NS	NS	NS	NS
	12/27/90	321.56	53.68	267.88	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/20/91	321.56	53.56	268.00	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	06/20/91	321.56	53.75	267.81	0.00	NS	NS	NS	NS	NS	NS
	09/12/91	321.56	53.70	267.86	0.00	NS	NS	NS	NS	NS	NS
	12/30/91	321.56	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	01/30/92	321.56	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	03/02/92	321.56	53.83	267.73	0.00	NS	NS	NS	NS	NS	NS
	03/24/92	321.56	53.73	267.83	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	04/14/92	321.56	53.76	267.80	0.00	NS	NS	NS	NS	NS	NS
	05/21/92	321.56	54.73	266.83	0.00	NS	NS	NS	NS	NS	NS
	06/08/92	321.56	53.80	267.76	0.00	NS	NS	NS	NS	NS	NS
	07/14/92	321.56	53.60	267.96	0.00	NS	NS	NS	NS	NS	NS
	08/10/92	321.56	53.71	267.85	0.00	NS	NS	NS	NS	NS	NS
	09/16/92	321.56	53.89	267.67	0.00	NS	NS	NS	NS	NS	NS
	10/07/92	321.56	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92	321.56	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)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW4	12/10/92	321.56	53.83	267.73	0.00	57	34	11	200	600	NA
	01/26/93	321.56	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	02/16/93	321.56	53.64	267.92	0.00	NS	NS	NS	NS	NS	NS
	03/11/93	321.56	53.54	268.02	0.00	NS	NS	NS	NS	NS	NS
	04/12/93	321.56	53.62	267.94	0.00	20	10	22	80	360	NA
	06/01/93	321.56	53.52	268.04	0.00	NS	NS	NS	NS	NS	NS
	07/15/93	321.56	53.80	267.76	0.00	NS	NS	NS	NS	NS	NS
	08/15/93	321.56	53.65	267.91	0.00	NS	NS	NS	NS	NS	NS
	09/29/93	321.56	54.23	267.33	0.00	NS	NS	NS	NS	NS	NS
	09/30/93	321.56	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	10/28/93	321.56	53.54	268.25	0.00	NS	NS	NS	NS	NS	NS
	11/23/93	321.56	53.57	267.99	0.00	NS	NS	NS	NS	NS	NS
	11/24/93	321.56	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/10-11/94	321.56	53.64	267.92	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/04-05/94	321.56	53.54	268.02	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94 <sup>e</sup>	321.56	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94	321.56	52.96	268.60	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	321.56	50.37	271.19	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	321.56	44.86	276.70	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	321.56	41.71	279.85	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.6
	11/30/95	321.56	39.95	281.61	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96	321.56	36.76	284.80	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96	321.56	35.19	286.37	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96	321.56	39.39	282.17	0.00	NS	NS	NS	NS	NS	NS
	11/18/96	321.56	39.42	282.14	0.00	NS	NS	NS	NS	NS	NS
	02/28/97	321.56	34.38	287.18	0.00	NS	NS	NS	NS	NS	NS
	05/23/97	321.56	34.66	286.90	0.00	NS	NS	NS	NS	NS	NS
	09/23/97	321.56	39.05	282.51	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/30/97	321.56	37.78	283.78	0.00	NS	NS	NS	NS	NS	NS
	03/24/98	321.56	NM	NC	NM	NS	NS	NS	NS	NS	NS
	06/15/98	321.56	30.32	291.24	0.00	NS	NS	NS	NS	NS	NS
	09/11/98	321.56	35.97	285.59	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)
MW4	12/09/98	321.56	32.93	288.63	0.00	NS	NS	NS	NS	NS	NS
	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	321.56	34.99	286.57	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.65/3.12 <sup>th</sup>
	08/03/99	321.56	38.52	283.04	0.00	NS	NS	NS	NS	NS	NS
	09/24/99	321.56	42.93	278.63	0.00	<0.5	<0.5	<0.5	<0.5	<50	1.12 <sup>f</sup>
	12/22/99	321.56	NM	NC	NM	NS	NS	NS	NS	NS	NS
	04/04/00	321.56	NM	NC	NM	NS	NS	NS	NS	NS	NS
	06/28/00	321.56	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
	09/26/00	321.56	44.24	277.32	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
	12/28/00	321.56	43.92	277.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 <sup>f</sup>
	03/28/01	321.56	43.39	278.17	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 <sup>f</sup>
<b>06/25/01</b>	<b>321.56</b>	<b>46.56</b>	<b>275.00</b>	<b>0.00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>0.66</b>	<b>&lt;50</b>	<b>&lt;2.5</b>	
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	321.64	38.86	282.78	0.00	NS	NS	NS	NS	NS	NS
	06/23/88	321.64	39.52	282.12	0.00	NS	NS	NS	NS	NS	NS
	06/28/88	321.64	39.84	281.80	0.00	NS	NS	NS	NS	NS	NS
	07/06/88	321.64	40.45	281.19	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/13/88	321.64	40.90	280.74	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/22/88	321.64	41.30	280.34	0.00	0.9	4.1	1.3	8.7	50	NA
	08/05/88	321.64	23.84 <sup>b</sup>	297.80	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/12/88	321.64	42.21	279.43	0.00	NS	NS	NS	NS	NS	NS
	08/26/88	321.64	42.55	279.09	0.00	NS	NS	NS	NS	NS	NS
	09/07/88	321.64	42.94	278.70	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	12/07/88	321.64	44.67	276.97	0.00	NS	NS	NS	NS	NS	NS
	02/09/89	321.64	43.19	278.45	0.00	NS	NS	NS	NS	NS	NS
	03/08/89	321.64	42.11	279.53	0.00	<0.5	<0.5	<0.5	<1.0	<20	NA
	04/26/89	321.64	41.84	279.80	0.00	NS	NS	NS	NS	NS	NS
	06/30/89	321.64	43.95	277.69	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/17/89	321.64	44.91	276.73	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/18/89	321.64	44.93	276.71	0.00	NS	NS	NS	NS	NS	NS
	07/19/89	321.64	44.98	276.66	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	07/20/89	321.64	45.02	276.62	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/21/89	321.64	45.10	276.54	0.00	NS	NS	NS	NS	NS	NS
	07/26/89	321.64	45.57	276.07	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/02/89	321.64	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/03/89	321.64	46.31	275.33	0.00	NS	NS	NS	NS	NS	NS
	08/17/89	321.64	47.25	274.39	0.00	NS	NS	NS	NS	NS	NS
	09/13/89	321.64	49.22	272.42	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	11/28/89	321.64	50.39	271.25	0.00	NS	NS	NS	NS	NS	NS
	12/20/89	321.64	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	01/09/90	321.64	49.51	272.13	0.00	NS	NS	NS	NS	NS	NS
	01/26/90	321.64	49.40	272.24	0.00	NS	NS	NS	NS	NS	NS
	02/23/90	321.64	49.20 <sup>a</sup>	272.44	0.00	NS	NS	NS	NS	NS	NS
	02/23/90	321.64	49.20	272.44	0.00	NS	NS	NS	NS	NS	NS
	03/26/90	321.64	48.89 <sup>a</sup>	272.75	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	03/26/90	321.64	48.88	272.76	0.00	NS	NS	NS	NS	NS	NS
	04/18/90	321.64	48.95	272.69	0.00	NS	NS	NS	NS	NS	NS
	05/17/90	321.64	50.06	271.58	0.00	NS	NS	NS	NS	NS	NS
	06/11/90	321.64	50.98	270.66	0.00	NS	NS	NS	NS	NS	NS
	07/30/90	321.64	53.40	268.24	0.00	NS	NS	NS	NS	NS	NS
	08/01/90	321.64	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/27/90	321.64	53.60	268.04	0.00	NS	NS	NS	NS	NS	NS
	09/28/90	321.64	53.55	268.09	0.00	NS	NS	NS	NS	NS	NS
	12/27/90	321.64	53.61	268.03	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/20/91	321.64	53.56	268.08	0.00	NS	NS	NS	NS	NS	NS
	06/20/91	321.64	53.73	267.91	0.00	NS	NS	NS	NS	NS	NS
	09/12/91	321.64	53.78	267.86	0.00	NS	NS	NS	NS	NS	NS
	12/30/91	321.64	53.80	267.84	0.00	NS	NS	NS	NS	NS	NS
	01/30/92	321.64	53.82	267.82	0.00	NS	NS	NS	NS	NS	NS
	03/02/92	321.64	53.82	267.82	0.00	NS	NS	NS	NS	NS	NS
	04/14/92	321.64	53.74	267.90	0.00	NS	NS	NS	NS	NS	NS
	05/21/92	321.64	53.77	267.87	0.00	NS	NS	NS	NS	NS	NS
	06/08/92	321.64	53.81	267.83	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	07/14/92	321.64	53.74	267.90	0.00	NS	NS	NS	NS	NS	NS
	08/10/92	321.64	53.78	267.86	0.00	NS	NS	NS	NS	NS	NS
	09/16/92	321.64	53.90	267.74	0.00	NS	NS	NS	NS	NS	NS
	10/07/92	321.64	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92	321.64	53.87	267.77	0.00	NS	NS	NS	NS	NS	NS
	12/10/92	321.64	53.78	267.86	0.00	NS	NS	NS	NS	NS	NS
	01/26/93	321.64	53.38	268.26	0.00	NS	NS	NS	NS	NS	NS
	02/16/93	321.64	53.44	268.20	0.00	NS	NS	NS	NS	NS	NS
	03/11/93	321.64	53.28	268.36	0.00	NS	NS	NS	NS	NS	NS
	04/12/93	321.64	53.42	268.22	0.00	11	5.9	13	48	220	NA
	06/01/93	321.64	53.56	268.08	0.00	NS	NS	NS	NS	NS	NS
	07/15/93	321.64	53.00	268.64	0.00	NS	NS	NS	NS	NS	NS
	08/15/93	321.64	53.60	268.04	0.00	NS	NS	NS	NS	NS	NS
	09/29/93	321.64	53.62	268.02	0.00	NS	NS	NS	NS	NS	NS
	09/30/93	321.64	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	10/28/93	321.64	54.62	267.02	0.00	NS	NS	NS	NS	NS	NS
	11/23/93	321.64	53.62	268.02	0.00	NS	NS	NS	NS	NS	NS
	03/10-11/94	321.64	53.61	268.03	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/04-05/94	321.64	53.52	268.12	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94 <sup>c</sup>	321.64	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94	321.64	53.05	268.59	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94	321.64	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94	321.64	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	321.64	50.55	271.09	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	321.64	44.96	276.68	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	321.64	41.77	279.87	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95	321.64	39.95	281.69	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96	321.64	36.80	284.84	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96	321.64	35.28	286.36	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96	321.64	39.46	282.18	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	11/18/96	321.64	39.47	282.17	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	02/28/97	321.64	34.44	287.20	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)
MW5S	05/23/97	321.64	34.72	286.92	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/23/97	321.64	39.09	282.55	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/30/97	321.64	37.83	283.81	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/24/98	321.64	32.76	288.88	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	06/15/98	321.64	30.46	291.18	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/11/98	321.64	36.04	285.60	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/09/98	321.64	33.00	288.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
	03/31/99	321.64	29.20	292.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
	06/30/99	321.64	35.08	286.56	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	08/03/99	321.64	38.62	283.02	0.00	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 <sup>f</sup>
	12/22/99	320.52	42.05	278.47	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
	04/04/00	320.52	35.91	284.61	0.00	<1	<1	<1	<1	<50	<1
	06/28/00	320.52	40.75	279.77	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
	09/26/00	320.52	44.34	276.18	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
	12/28/00	320.52	43.95	276.57	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 <sup>f</sup>
	03/28/01	320.52	43.41	277.11	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 <sup>f</sup>
	<b>06/25/01</b>	<b>320.52</b>	<b>46.58</b>	<b>273.94</b>	<b>0.00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;50</b>	<b>&lt;2.5</b>
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	321.79	38.90	282.89	0.00	NS	NS	NS	NS	NS	NS
	06/23/88	321.79	39.56	282.23	0.00	NS	NS	NS	NS	NS	NS
	06/28/88	321.79	40.23	281.56	0.00	NS	NS	NS	NS	NS	NS
	07/06/88	321.79	40.69	281.10	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/13/88	321.79	41.22	280.57	0.00	<0.5	<0.5	<0.5	<0.5	40	NA
	08/12/88	321.79	42.34	279.45	0.00	NS	NS	NS	NS	NS	NS
	08/26/88	321.79	42.60	279.19	0.00	NS	NS	NS	NS	NS	NS
	09/07/88	321.79	42.99	278.80	0.00	NS	NS	NS	NS	NS	NS
	12/07/88	321.79	44.58	277.21	0.00	NS	NS	NS	NS	NS	NS
	02/09/89 <sup>c</sup>	321.79	NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/08/89 <sup>d</sup>	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	03/08/89	321.79	42.49	279.30	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	04/03/89	321.79	42.21	279.58	0.00	NS	NS	NS	NS	NS	NS
	04/26/89	321.79	42.36	279.43	0.00	NS	NS	NS	NS	NS	NS
	06/30/89	321.79	44.79	277.00	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/17/89	321.79	45.73	276.06	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/18/89	321.79	45.75	276.04	0.00	NS	NS	NS	NS	NS	NS
	07/19/89	321.79	44.89	276.90	0.00	NS	NS	NS	NS	NS	NS
	07/20/89	321.79	46.02	275.77	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/21/89	321.79	46.18	275.61	0.00	NS	NS	NS	NS	NS	NS
	07/26/89	321.79	46.83	274.96	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/02/89	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/03/89	321.79	47.67	274.12	0.00	NS	NS	NS	NS	NS	NS
	08/17/89	321.79	48.27	273.52	0.00	NS	NS	NS	NS	NS	NS
	09/13/89	321.79	50.60	271.19	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	11/28/89	321.79	51.16	270.63	0.00	NS	NS	NS	NS	NS	NS
	12/20/89	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	01/09/90	321.79	50.42	271.37	0.00	NS	NS	NS	NS	NS	NS
	01/26/90	321.79	50.10	271.69	0.00	NS	NS	NS	NS	NS	NS
	02/23/90	321.79	50.08	271.71	0.00	NS	NS	NS	NS	NS	NS
	03/26/90	321.79	49.80 <sup>f</sup>	271.99	0.00	NS	NS	NS	NS	NS	NS
	03/26/90	321.79	49.77	272.02	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	04/18/90	321.79	49.80	271.99	0.00	NS	NS	NS	NS	NS	NS
	05/17/90	321.79	51.32	270.47	0.00	NS	NS	NS	NS	NS	NS
	06/11/90	321.79	52.10	269.69	0.00	NS	NS	NS	NS	NS	NS
	07/30/90	321.79	53.47	268.32	0.00	NS	NS	NS	NS	NS	NS
	08/01/90	321.79	NM	NM	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/27/90	321.79	58.24	263.55	0.00	NS	NS	NS	NS	NS	NS
	09/29/90	321.79	60.70	261.09	0.00	NS	NS	NS	NS	NS	NS
	12/27/90	321.79	62.52	259.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/20/91	321.79	59.18	262.61	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	06/20/91	321.79	65.02	256.77	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/12/91	321.79	DRY	DRY	NM	NS	NS	NS	NS	NS	NS
	12/30/91	321.79	DRY	DRY	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)
MW5D	01/30/92	321.79	DRY	DRY	NM	NS	NS	NS	NS	NS	NS
	03/02/92	321.79	DRY	DRY	NM	NS	NS	NS	NS	NS	NS
	03/24/92	321.79	74.98	246.81	0.00	NS	NS	NS	NS	NS	NS
	04/14/92	321.79	74.42	247.37	0.00	NS	NS	NS	NS	NS	NS
	05/21/92	321.79	75.67	246.12	0.00	NS	NS	NS	NS	NS	NS
	06/08/92	321.79	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	07/14/92	321.79	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	08/10/92	321.79	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	09/16/92	321.79	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	10/07/92	321.79	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92	321.79	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	12/10/92	321.79	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	01/26/93	321.79	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	02/16/93	321.79	76.47	245.32	0.00	NS	NS	NS	NS	NS	NS
	03/11/93	321.79	74.03	247.76	0.00	NS	NS	NS	NS	NS	NS
	04/12/93	321.79	70.96	250.83	0.00	1.0	1.0	2.5	7.4	<50	NA
	06/01/93	321.79	67.64	254.15	0.00	NS	NS	NS	NS	NS	NS
	07/15/93	321.79	54.40	267.39	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/15/93	321.79	67.85	253.94	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/29/93	321.79	67.62	254.17	0.00	NS	NS	NS	NS	NS	NS
	09/30/93	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	10/28/93	321.79	66.15	255.49	0.00	NS	NS	NS	NS	NS	NS
	11/23/93	321.79	64.80	256.84	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/10-11/94	321.79	59.10	262.69	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/04-05/94	321.79	55.66	265.13	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94 <sup>e</sup>	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94	321.79	54.36	268.74	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	321.79	51.20	270.59	0.00	NS	NS	NS	NS	NS	NS
	05/09/95	321.79	45.49	276.30	0.00	NS	NS	NS	NS	NS	NS
	05/12/95	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	321.79	42.35	279.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95	321.79	43.60	278.19	0.00	5.4	10	1.4	12	77	<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)
MW5D	03/28/96	321.79	37.12	284.67	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96	321.79	35.67	286.12	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96	321.79	40.22	281.57	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	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	321.79	34.75	287.04	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	02/28/97	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Rinseate	02/28/97	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	05/23/97	321.79	35.21	286.58	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	05/23/97	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Rinseate	05/23/97	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/23/97	321.79	39.58	282.21	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	09/23/97	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Rinseate	09/23/97	321.79	NM	NC	NM	<0.5	1.5	<0.5	<0.5	<50	3.0
	12/30/97	321.79	38.30	283.49	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
Duplicate	12/30/97	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
Rinseate	12/30/97	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/24/98	321.79	32.77	289.02	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	06/15/98	321.79	30.69	291.10	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	06/15/98	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/11/98	321.79	36.68	285.11	0.00	<0.5	<0.5	<0.5	<0.5	<50	33
Duplicate	09/11/98	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	35
	10/28/98	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
	12/09/98	321.79	32.70	289.09	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
Duplicate	12/09/98	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
Rinseate	12/09/98	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
	03/31/99	321.79	28.91	292.88	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
Duplicate	03/31/99	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0
	06/30/99	321.79	35.90	289.89	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	06/30/99	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	3.3/<0.5 <sup>ch</sup>
Rinseate	06/30/99	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	08/03/99	321.79	40.39	281.40	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
Duplicate	08/03/99	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>

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	09/24/99	321.79	44.25	277.54	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
Duplicate	09/24/99	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
Rinseate	09/24/99	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
Duplicate	12/22/99	321.79	38.51	283.28	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
	12/22/99	321.79	NM	NC	NM	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
	04/04/00	321.79	30.05	291.74	0.00	<1	<1	<1	<1	<50	<1
	06/28/00	321.79	42.00	279.79	0.00	<0.5	<0.5	<0.5	<0.5	<50	1.47 <sup>f</sup>
	09/26/00	321.79	45.05	276.74	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
	12/28/00	321.79	44.44	277.35	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 <sup>f</sup>
	03/28/01	321.80	43.90	277.90	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 <sup>f</sup>
	<b>06/25/01</b>	<b>321.80</b>	<b>48.19</b>	<b>273.61</b>	<b>0.00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;50</b>	<b>&lt;2.5</b>
MW6	05/11/88	NM	37.31	NC	0.00	NS	NS	NS	NS	NS	NS
	05/17/88	NM	NM	NM	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	06/06/88	NM	38.70	NC	0.00	NS	NS	NS	NS	NS	NS
	06/23/88	NM	39.23	NC	0.00	NS	NS	NS	NS	NS	NS
	06/28/88	NM	39.74	NC	0.00	31.8	7.5	5.4	6.7	440	NA
	07/13/88	NM	40.78	NC	0.00	162.3	7.7	22.5	14.1	290	NA
	08/05/88	NM	41.72	NC	0.00	245	5.2	47.1	23.7	1,180	NA
	08/12/88	NM	42.14	NC	0.00	NS	NS	NS	NS	NS	NS
	08/17/88	NM	NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/26/88	NM	42.51	NC	0.00	NS	NS	NS	NS	NS	NS
	09/07/88	NM	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	321.27	41.85 <sup>a</sup>	279.42	0.00	136	85	5	58	460	NA
	08/05/88	321.27	41.45 <sup>a</sup>	279.82	0.00	73.3	52.8	2.3	28.1	270	NA
	08/12/88	321.27	42.69	278.58	NM	NS	NS	NS	NS	NS	NS
	09/07/88	321.27	42.60	278.67	NM	NS	NS	NS	NS	NS	NS
	12/07/88	321.27	NM	NC	NM	NS	NS	NS	NS	NS	NS
	01/17/89	321.27	43.20	278.07	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)
MW7	02/09/89	321.27	NM	NC	NM	600	688	10	448	6,700	NA
	06/30/89	321.27	NM	NC	NM	180	50	13	40	1,100	NA
	08/02/89	321.27	NM	NC	NM	1.6	<0.5	<0.5	0.6	31	NA
	09/13/89	321.27	NM	NC	NM	<0.5	2.6	<0.5	12	87	NA
	10/12/89	321.27	49.93	271.34	0.00	NS	NS	NS	NS	NS	NS
	11/28/89	321.27	57.61 <sup>a</sup>	263.66	0.00	NS	NS	NS	NS	NS	NS
	12/20/89	321.27	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	01/09/90	321.27	57.57 <sup>a</sup>	263.70	0.00	NS	NS	NS	NS	NS	NS
	01/26/90	321.27	57.54 <sup>a</sup>	263.73	0.00	NS	NS	NS	NS	NS	NS
	01/26/90	321.27	49.08	272.19	0.00	NS	NS	NS	NS	NS	NS
	02/23/90	321.27	55.26 <sup>a</sup>	266.01	0.00	NS	NS	NS	NS	NS	NS
	02/23/90	321.27	48.93	272.34	0.00	NS	NS	NS	NS	NS	NS
	03/26/90	321.27	57.52 <sup>a</sup>	263.75	0.00	NS	NS	NS	NS	NS	NS
	03/26/90	321.27	48.60	272.67	0.00	NS	NS	NS	NS	NS	NS
	04/18/90	321.27	57.55 <sup>a</sup>	263.72	0.00	NS	NS	NS	NS	NS	NS
	05/17/90	321.27	57.40 <sup>a</sup>	263.87	0.00	NS	NS	NS	NS	NS	NS
	06/11/90	321.27	50.68	270.59	0.00	NS	NS	NS	NS	NS	NS
	07/30/90	321.27	NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/27/90	321.27	53.05	268.22	0.00	NS	NS	NS	NS	NS	NS
	09/28/90	321.27	NM	NC	NM	NS	NS	NS	NS	NS	NS
	12/27/90	321.27	NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/20/91	321.27	54.11	267.16	0.00	NS	NS	NS	NS	NS	NS
	06/20/91	321.27	55.14	266.13	0.00	<0.5	1.8	0.6	4.1	74	NA
	09/12/91	321.27	55.84	265.43	0.00	3.5	<0.5	1.7	6.8	<50	NA
	12/30/91	321.27	55.21	266.06	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	01/30/92	321.27	54.88	266.39	0.00	NS	NS	NS	NS	NS	NS
	03/02/92	321.27	NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/24/92	321.27	NM	NC	NM	NS	NS	NS	NS	NS	NS
	04/14/92	321.27	NM	NC	NM	NS	NS	NS	NS	NS	NS
	05/21/92	321.27	53.36	267.91	0.00	NS	NS	NS	NS	NS	NS
	06/08/92	321.27	54.20	267.07	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	07/14/92	321.27	53.31	267.96	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)
MW7	08/10/92	321.27	54.01	267.26	0.00	NS	NS	NS	NS	NS	NS
	09/16/92	321.27	55.97	265.30	0.00	NS	NS	NS	NS	NS	NS
	10/07/92	321.27	56.09	265.18	0.00	NS	NS	NS	NS	NS	NS
	11/09/92	321.27	54.16	267.11	0.00	NS	NS	NS	NS	NS	NS
	12/10/92	321.27	56.02	265.25	0.00	NS	NS	NS	NS	NS	NS
	01/26/93	321.27	56.15	265.12	0.00	NS	NS	NS	NS	NS	NS
	02/16/93	321.27	56.23	265.04	0.00	28	30	17	200	600	NA
	03/11/93	321.27	55.82	265.45	0.00	NS	NS	NS	NS	NS	NS
	04/12/93	321.27	55.45	265.82	0.00	NS	NS	NS	NS	NS	NS
	06/01/93	321.27	54.90	266.37	0.00	NS	NS	NS	NS	NS	NS
	07/15/93	321.27	54.50	266.77	0.00	NS	NS	NS	NS	NS	NS
	08/15/93	321.27	54.25	267.02	0.00	NS	NS	NS	NS	NS	NS
	09/29/93	321.27	54.55	266.72	0.00	NS	NS	NS	NS	NS	NS
	09/30/93	321.27	NM	NC	NM	NS	NS	NS	NS	NS	NS
	10/28/93	321.27	54.94	266.92	0.00	NS	NS	NS	NS	NS	NS
	11/23/93	321.27	54.73	266.54	0.00	NS	NS	NS	NS	NS	NS
	11/24/93	321.27	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/10-11-94	321.27	52.83	268.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/04-05/94	321.27	52.77	268.50	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94 <sup>e</sup>	321.27	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94	321.27	52.74	268.53	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	321.27	50.05	271.22	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	321.27	44.61	276.66	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	321.27	41.40	279.87	0.00	<0.5	<0.5	<0.5	<0.5	<50	4.1
	11/30/95	321.27	39.64	281.63	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96	321.27	36.42	284.85	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96	321.27	34.87	286.40	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96	321.27	39.11	282.16	0.00	NS	NS	NS	NS	NS	NS
	11/18/96	321.27	39.10	282.17	0.00	NS	NS	NS	NS	NS	NS
	02/28/97	321.27	34.03	287.24	0.00	NS	NS	NS	NS	NS	NS
	05/23/97	321.27	34.36	286.91	0.00	NS	NS	NS	NS	NS	NS
	09/23/97	321.27	38.66	282.61	0.00	<0.5	<0.5	<0.5	<0.5	<50	4.4



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	12/30/97	321.27	37.45	283.82	0.00	NS	NS	NS	NS	NS	NS
	03/24/98	321.27	NM	NC	NM	NS	NS	NS	NS	NS	NS
	06/15/98	321.27	30.05	291.22	0.00	NS	NS	NS	NS	NS	NS
	09/11/98	321.27	35.63	285.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/09/98	321.27	21.54	299.73	NM	NS	NS	NS	NS	NS	NS
	03/31/99	321.27	28.84	292.43	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
	06/30/99	321.27	34.68	286.59	0.00	5.96	<0.5	<0.5	<0.5	<50	<2.5
	08/03/99	321.27	38.22	283.05	0.00	NS	NS	NS	NS	NS	NS
	09/24/99	321.27	42.59	278.68	0.00	<0.5	<0.5	<0.5	<0.5	<50	11.7 <sup>f</sup>
	12/22/99	321.27	41.69	279.58	0.00	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0 <sup>f</sup>
	04/04/00	321.27	35.45	285.82	0.00	<1	<1	<1	<1	<50	<1
	06/28/00	321.27	40.46	280.81	0.00	<0.5	<0.5	<0.5	<0.5	<50	4.88 <sup>f</sup>
	09/26/00	321.27	44.00	277.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
	12/28/00	321.27	44.63	276.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 <sup>f</sup>
	03/28/01	321.27	43.04	278.23	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/1.17 <sup>f</sup>
<b>06/25/01</b>	<b>321.27</b>	<b>46.31</b>	<b>274.96</b>	<b>0.00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;50</b>	<b>&lt;2.5</b>	
MW8	10/01/89	321.86	53.88	267.98	0.00	NS	NS	NS	NS	NS	NS
	10/03/89	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	11/28/89	321.86	53.74	268.12	0.00	NS	NS	NS	NS	NS	NS
	12/20/89	321.86	NM	NC	NM	<0.5	<0.5	<0.5	0.61	<20	NA
	01/09/90	321.86	57.90	263.96	0.00	NS	NS	NS	NS	NS	NS
	01/26/90	321.86	53.57	268.29	0.00	NS	NS	NS	NS	NS	NS
	01/31/90	321.86	NM	NC	NM	<0.5	<0.5	<0.5	0.87	<20	NA
	02/09/90	321.86	NM	NC	NM	<0.5	<0.5	<0.5	1.1	<20	NA
	(Blank)	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	02/23/90	321.86	52.16	269.70	0.00	NS	NS	NS	NS	NS	NS
	03/26/90	321.86	52.80 <sup>a</sup>	269.06	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	(Blank)	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	04/18/90	321.86	51.60	270.26	0.00	<0.5	0.58	<0.5	1.1	<20	NA
	05/17/90	321.86	58.21	263.65	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	06/11/90	321.86	58.65	263.21	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)
MW8	07/30/90	321.86	64.33	257.53	0.00	NS	NS	NS	NS	NS	NS
	08/01/90	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/27/90	321.86	70.41	251.45	0.00	<0.5	<0.5	<0.5	0.5	<20	NA
	09/28/90	321.86	71.93	249.93	0.00	<0.5	<0.5	<0.5	0.5	<50	NA
	12/27/90	321.86	66.60	255.26	0.00	<0.5	<0.5	<0.5	0.6	<50	NA
	03/20/91	321.86	60.75	261.11	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	06/20/91	321.86	88.77	233.09	0.00	<0.5	<0.5	<0.5	0.6	<50	NA
	09/12/91	321.86	103.17	218.69	0.00	NS	NS	NS	NS	NS	NS
	10/14/91	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	12/30/91	321.86	81.15	240.71	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	01/30/92	321.86	81.69	240.17	0.00	NS	NS	NS	NS	NS	NS
	03/02/92	321.86	78.45	243.41	0.00	NS	NS	NS	NS	NS	NS
	03/24/92	321.86	76.55	245.31	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	04/14/92	321.86	75.56	246.30	0.00	NS	NS	NS	NS	NS	NS
	05/21/92	321.86	86.99	234.87	0.00	NS	NS	NS	NS	NS	NS
	06/08/92	321.86	91.69	230.17	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	07/14/92	321.86	94.65	227.21	0.00	NS	NS	NS	NS	NS	NS
	08/10/92	321.86	95.02	226.84	0.00	NS	NS	NS	NS	NS	NS
	09/16/92	321.86	91.90	229.96	0.00	<0.5	0.9	<0.5	<0.5	<50	NA
	10/07/92	321.86	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92	321.86	84.35	237.51	0.00	NS	NS	NS	NS	NS	NS
	12/10/92	321.86	82.20	239.66	0.00	<0.5	0.6	<0.5	<0.5	<50	NA
	01/26/93	321.86	78.63	243.23	0.00	NS	NS	NS	NS	NS	NS
	02/16/93	321.86	76.90	244.96	0.00	0.7	0.6	<0.5	2.3	<50	NA
	03/11/93	321.86	74.39	247.47	0.00	NS	NS	NS	NS	NS	NS
	04/12/93	321.86	71.20	250.66	0.00	26	7.3	11	38	230	NA
	06/01/93	321.86	68.04	253.82	0.00	NS	NS	NS	NS	NS	NS
	07/15/93	321.86	78.05	243.81	0.00	NS	NS	NS	NS	NS	NS
	08/15/93	321.86	78.45	243.41	0.00	NS	NS	NS	NS	NS	NS
	09/29/93	321.86	73.64	248.22	0.00	NS	NS	NS	NS	NS	NS
	09/30/93	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	10/28/93	321.86	67.53	253.91	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)
MW8	11/23/93	321.86	64.68	256.76	0.00	NS	NS	NS	NS	NS	NS
	11/24/93	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/10-11/94	321.86	59.26	262.60	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/04-05/94	321.86	56.84	265.02	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94 <sup>e</sup>	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94	321.86	55.47	266.39	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	321.86	52.00	269.86	0.00	NS	NS	NS	NS	NS	NS
	05/09/95	321.86	46.60	275.26	0.00	NS	NS	NS	NS	NS	NS
	05/12/95	321.86	NM	NC	NM	2.3	1.2	2.0	7.4	<50	NA
	08/21/95	321.86	43.86	278.00	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95	321.86	41.25	280.61	0.00	<0.5	<0.5	0.69	2.7	<50	<5.0
	03/28/96	321.86	37.71	284.15	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96	321.86	36.71	285.15	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96	321.86	42.80	279.06	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	11/18/96	321.86	40.78	281.08	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	02/28/97	321.86	35.14	286.72	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate Rinseate	02/28/97	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	02/28/97	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	05/23/97	321.86	36.41	285.45	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate Rinseate	05/23/97	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	05/23/97	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/23/97	321.86	41.22	280.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate Rinseate	09/23/97	321.86				<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/23/99	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/30/97	321.86	39.81	282.05	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
Duplicate Rinseate	12/30/97	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	12/30/97	321.86	NM	NC	NM	<0.5	0.52	<0.5	<0.5	<50	3.2 <sup>f</sup>
	03/24/98	321.86	31.46	290.40	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	06/15/98	321.86	31.43	290.43	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
Duplicate	06/15/98	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/11/98	321.86	38.73	283.13	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	09/11/98	321.86	NM	NC	NM	<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)
MW8	12/09/98	321.86	28.96	292.90	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
Duplicate	12/09/98	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
Rinseate	12/09/98	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
	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	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0
Rinseate	03/31/99	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0
	06/30/99	321.86	42.62	279.24	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	06/30/99	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	13.1/1.18 <sup>fh</sup>
Rinseate	06/30/99	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	08/03/99	321.86	51.59	270.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	0.672 <sup>f</sup>
Duplicate	08/03/99	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	0.659 <sup>f</sup>
Rinseate	08/03/99	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
	09/24/99	321.86	50.95	270.91	0.00	<0.5	<0.5	<0.5	<0.5	<50	0.777 <sup>f</sup>
Duplicate	09/24/99	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	0.776 <sup>f</sup>
	12/22/99	321.86	38.59	283.27	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
Duplicate	12/22/99	321.86	NM	NC	NM	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
Rinseate	12/22/99	321.86	NM	NC	NM	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
	04/04/00	321.86	36.21	285.65	0.00	<1	<1	<1	<1	<50	3.3/<5 <sup>f</sup>
	06/28/00	321.86	46.51	275.35	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
	09/26/00	321.86	47.55	274.31	0.00	<0.5	<0.5	<0.5	0.528	<50	<1 <sup>f</sup>
	12/28/00	321.86	45.68	276.18	0.00	1.03	1.25	<0.5	1.76	<50	<2 <sup>f</sup>
	03/28/01	321.86	45.40	276.46	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/1.00 <sup>f</sup>
	<b>06/25/01</b>	<b>321.86</b>	<b>57.84</b>	<b>264.02</b>	<b>0.00</b>	<b>0.71</b>	<b>1.0</b>	<b>&lt;0.5</b>	<b>1.4</b>	<b>&lt;50</b>	<b>&lt;2.5</b>
MW9	10/03/89	321.44	NM	NC	NM	1,000	9,200	3,000	13,000	89,000	NA
	10/12/89	321.44	50.24	271.20	0.00	NS	NS	NS	NS	NS	NS
	11/28/89	321.44	50.59	270.85	0.10	NS	NS	NS	NS	NS	NS
	12/01/89	321.44	50.32	271.12	0.02	NS	NS	NS	NS	NS	NS
	12/07/89	321.44	50.13	271.31	0.16	NS	NS	NS	NS	NS	NS
	12/13/89	321.44	49.91	271.53	Slight Sheen	NS	NS	NS	NS	NS	NS
	12/20/89	321.44	49.78	271.66	Slight Sheen	6,300	31,000	9,500	55,000	190,000	NA
	01/02/90	321.44	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)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW9	01/09/90	321.44	49.39	272.05	Slight Sheen	NS	NS	NS	NS	NS	NS
	01/25/90	321.44	NM	NC	NM	2,400	9,400	2,700	15,000	77,000	NA
	01/26/90	321.44	49.30	272.14	0.00	NS	NS	NS	NS	NS	NS
	02/23/90	321.44	49.06 <sup>a</sup>	272.38	0.00	1,200	7,100	2,300	14,000	97,000	NA
	02/23/90	321.44	49.05	272.39	0.00	NS	NS	NS	NS	NS	NS
	03/26/90	321.44	48.75 <sup>a</sup>	272.69	0.00	1,800	7,700	2,000	11,000	89,000	NA
	03/26/90	321.44	48.73	272.71	Slight sheen	NS	NS	NS	NS	NS	NS
	04/18/90	321.44	48.81	272.63	0.00	2,000	7,500	2,500	16,000	110,000	NA
	05/17/90	321.44	49.96	271.48	0.00	1,500	5,700	2,300	14,000	81,000	NA
	06/11/90	321.44	51.58	269.86	0.00	NS	NS	NS	NS	NS	NS
	06/20/90	321.44	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	430	NA
	07/30/90	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	08/27/90	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	09/28/90	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	12/27/90	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/20/91	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	06/20/91	321.44	49.63	271.81	NM	NS	NS	NS	NS	NS	NS
	09/12/91	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	12/30/91	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	01/30/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/02/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/24/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	04/14/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	05/21/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	06/08/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	07/14/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/10/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	09/16/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	10/07/92	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	12/10/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	01/26/93	321.44	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	02/16/93	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	03/11/93	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	04/12/93	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	06/01/93	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	07/15/93	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	08/15/93	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	09/29/93	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	10/28/93	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/23/93	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	03/10-11/94	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	05/04-05/94	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/16/94	321.44	52.62	268.82	0.00	NS	NS	NS	NS	NS	NS
	02/15/95	321.44	49.76	271.68	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	321.44	44.30	277.14	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	321.44	41.11	280.33	0.00	270	51	5.2	140	1,100	<25
	11/30/95	321.44	39.40	282.04	0.00	920	680	120	870	6,600	<100
	03/28/96	321.44	36.13	285.31	0.00	72	28	1.8	49	360	<10
	05/31/96	321.44	34.56	286.88	0.00	2,800	510	<50	400	8,200	<5.0
	08/28/96	321.44	38.80	282.64	0.00	1.6	<0.5	<0.5	9.6	160	28
	11/18/96	321.44	38.74	282.70	0.00	2,000	610	130	790	7,100	<200
	02/28/97	321.44	33.74	287.70	0.00	2,900	2,600	280	2,400	22,000	4,200
	05/23/97	321.44	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	320.68	38.83	281.85	0.00	840	750	80	310	4,600	1,100 <sup>f</sup>
	03/24/98	320.68	31.32	289.36	0.00	11,000	16,000	1,200	6,200	62,000	7,000
	06/15/98	320.68	28.72	291.96	0.00	1.8	2.7	<0.5	3.8	<50	8.1
	09/11/98	320.68	31.52	289.16	0.00	1.5	0.97	<0.5	1.1	<50	7.1
	12/09/98	320.68	28.92	291.76	0.00	1.4	2.9	<0.5	<0.5	<50	7.9 <sup>f</sup>
	03/31/99	320.68	27.77	292.91	0.00	2,560	4,100	118	3,090	18,400	3,850/4,950 <sup>f</sup>
	06/30/99	320.68	32.57	288.11	0.00	0.883	1.43	<0.5	1.24	<50	7.05/5.81 <sup>fh</sup>
	08/03/99	320.68	36.24	284.44	0.00	1.20	1.70	<0.5	0.60	91.1	<0.5 <sup>f</sup>
	09/24/99	320.26	41.65	278.61	0.00	2.60/3.13 <sup>i</sup>	1.06	<0.5	1.17	<50	3.92 <sup>f</sup>

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	12/22/99	320.26	40.55	279.71	0.00	860/870 <sup>i</sup>	380/380 <sup>i</sup>	<5.0/<5.0 <sup>i</sup>	2,190/2,170 <sup>i</sup>	7,300	4,300 <sup>f</sup>
	04/04/00	320.26	34.69	285.57	0.00	2.7	2.5	<1	9	<50	310/300 <sup>f</sup>
	06/28/00	320.26	39.31	280.95	0.00	111	2.98	<0.5	14.9	207	488 <sup>f</sup>
	09/26/00	320.26	43.14	277.12	0.00	<0.5	<0.5	<0.5	<0.5	<50	77.2 <sup>f</sup>
	11/03/00		Well destroyed								
MW9A	12/28/00	NM	43.72	NC	0.00	14.5	3.75	26.4	37.4	1,040	65.5 <sup>f</sup>
	03/28/01	321.17	43.90	277.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 <sup>f</sup>
	06/25/01	321.17	49.84	271.33	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
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	322.99	51.88	271.11	0.00	NS	NS	NS	NS	NS	NS
	12/20/89	322.99	51.47	271.52	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	01/09/90	322.99	50.98	272.01	0.00	NS	NS	NS	NS	NS	NS
	01/26/90	322.99	50.87	272.12	0.00	NS	NS	NS	NS	NS	NS
	02/23/90	322.99	50.67 <sup>a</sup>	272.32	0.00	NS	NS	NS	NS	NS	NS
	02/23/90	322.99	50.65	272.34	0.00	NS	NS	NS	NS	NS	NS
	03/26/90	322.99	50.36 <sup>a</sup>	272.63	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	03/26/90	322.99	50.35	272.64	0.00	NS	NS	NS	NS	NS	NS
	04/18/90	322.99	50.45	272.54	0.00	NS	NS	NS	NS	NS	NS
	06/11/90	322.99	51.16	271.83	0.00	NS	NS	NS	NS	NS	NS
	07/30/90	322.99	55.72	267.27	0.00	NS	NS	NS	NS	NS	NS
	08/27/90	322.99	57.75	265.24	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	09/28/90	322.99	NM	NC	NM	NS	NS	NS	NS	NS	NS
	12/27/90	322.99	58.08	264.91	0.00	NS	NS	NS	NS	NS	NS
	03/20/91	322.99	57.80	265.19	0.00	NS	NS	NS	NS	NS	NS
	06/20/91	322.99	58.00	264.99	0.00	NS	NS	NS	NS	NS	NS
	09/12/91	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	12/30/91	322.99	NM	NC	NM	NS	NS	NS	NS	NS	NS
	01/30/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
03/02/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS	
03/24/92	322.99	58.53	264.46	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)
MW10	04/14/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	05/21/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	06/08/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	07/14/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	08/10/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	09/16/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	10/07/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	12/10/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	01/26/93	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	02/16/93	322.99	58.23	264.76	0.00	NS	NS	NS	NS	NS	NS
	03/11/93	322.99	57.81	265.18	0.00	NS	NS	NS	NS	NS	NS
	04/12/93	322.99	57.84	265.15	0.00	21	11	21	75	350	NA
	06/01/93	322.99	57.88	265.11	NM	NS	NS	NS	NS	NS	NS
	07/15/93	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	08/15/93	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	09/29/93	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	10/28/93	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/23/93	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	03/10-11/94	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	05/04-05/94	322.99	57.21	265.78	Dry	NS	NS	NS	NS	NS	NS
	09/01/94 <sup>e</sup>	322.99	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94	322.99	54.82	268.17	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	322.99	51.90	271.09	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	322.99	46.32	276.67	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	322.99	43.06	279.93	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95	322.99	41.34	281.65	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96	322.99	38.15	284.84	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96	322.99	36.61	286.38	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96	322.99	40.86	282.13	0.00	NS	NS	NS	NS	NS	NS
	11/18/96	322.99	40.90	282.09	0.00	NS	NS	NS	NS	NS	NS
	02/28/97	322.99	35.75	287.24	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)
MW10	05/23/97	322.99	36.07	286.92	0.00	NS	NS	NS	NS	NS	NS
	09/23/97	322.99	40.41	282.58	0.00	NS	NS	NS	NS	NS	NS
	12/30/97	322.99	38.20	284.79	0.00	NS	NS	NS	NS	NS	NS
	03/24/98	322.99	34.12	288.87	0.00	NS	NS	NS	NS	NS	NS
	06/15/98	322.99	31.79	291.20	0.00	NS	NS	NS	NS	NS	NS
	09/11/98	322.99	35.40	287.59	0.00	NS	NS	NS	NS	NS	NS
	12/09/98	322.99	34.32	288.67	0.00	NS	NS	NS	NS	NS	NS
	03/31/99	322.99	30.55	292.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
	06/30/99	322.99	36.36	286.63	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	08/03/99	322.99	39.95	283.04	0.00	NS	NS	NS	NS	NS	NS
	09/24/99	322.99	44.40	278.59	0.00	<0.5	<0.5	<0.5	0.87	<50	19.30 <sup>f</sup>
	12/22/99	322.99	43.39	279.60	0.00	9.5	5.3	3.9	25.1	140	<5.0 <sup>f</sup>
	04/04/00	322.99	37.18	285.81	0.00	<1	<1	<1	<1	<50	<1
	06/28/00	322.99	42.19	280.80	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
	09/26/00	322.99	45.80	277.19	0.00	<0.5	<0.5	<0.5	<0.5	<50	3.39 <sup>f</sup>
	12/28/00	322.99	45.41	277.58	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 <sup>f</sup>
03/28/01	322.99	44.89	278.10	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 <sup>f</sup>	
<b>06/25/01</b>	<b>322.99</b>	<b>48.13</b>	<b>274.86</b>	<b>0.00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;50</b>	<b>&lt;2.5</b>	
MW11	11/10/89	321.77	50.64	272.13	0.00	NS	NS	NS	NS	NS	NS
	11/16/89	321.77	NM	NC	NM	4.1	9.4	0.74	20	150	NA
	11/28/89	321.77	50.51	272.26	0.00	NS	NS	NS	NS	NS	NS
	12/20/89	321.77	51.47	271.30	0.00	7.2	7.5	2.9	13	150	NA
	01/09/90	321.77	49.68	273.09	0.00	NS	NS	NS	NS	NS	NS
	01/26/90	321.77	49.55	273.22	0.00	NS	NS	NS	NS	NS	NS
	02/23/90	321.77	49.37 <sup>a</sup>	273.40	0.00	NS	NS	NS	NS	NS	NS
	02/23/90	321.77	49.35	273.42	0.00	NS	NS	NS	NS	NS	NS
	03/26/90	321.77	49.03 <sup>a</sup>	273.74	0.00	<0.5	<0.5	<0.5	2.7	32	NA
	04/18/90	321.77	49.12	273.65	0.00	NS	NS	NS	NS	NS	NS
	05/17/90	321.77	50.30	272.47	0.00	NS	NS	NS	NS	NS	NS
	06/11/90	321.77	51.16	271.61	0.00	NS	NS	NS	NS	NS	NS
07/30/90	321.77	53.50	269.27	0.00	<0.5	<0.5	<0.5	3.8	26	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)
MW11	08/27/90	321.77	53.65	269.12	0.00	NS	NS	NS	NS	NS	NS
	09/28/90	321.77	53.62	269.15	0.00	NS	NS	NS	NS	NS	NS
	12/27/90	321.77	53.63	269.14	0.00	NS	NS	NS	NS	NS	NS
	03/20/91	321.77	53.26	269.51	0.00	NS	NS	NS	NS	NS	NS
	06/20/91	321.77	53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
	09/12/91	321.77	53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
	12/30/91	321.77	53.95	268.82	0.00	NS	NS	NS	NS	NS	NS
	01/30/92	321.77	53.65	269.12	0.00	NS	NS	NS	NS	NS	NS
	03/02/92	321.77	53.68	269.09	0.00	NS	NS	NS	NS	NS	NS
	03/24/92	321.77	53.70	269.07	0.00	NS	NS	NS	NS	NS	NS
	04/14/92	321.77	53.66	269.11	0.00	NS	NS	NS	NS	NS	NS
	05/21/92	321.77	53.62	269.15	0.00	NS	NS	NS	NS	NS	NS
	06/08/92	321.77	53.61	269.16	0.00	NS	NS	NS	NS	NS	NS
	07/14/92	321.77	53.53	269.24	0.00	NS	NS	NS	NS	NS	NS
	08/10/92	321.77	53.58	269.19	0.00	NS	NS	NS	NS	NS	NS
	09/16/92	321.77	53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
	10/07/92	321.77	DRY	DRY	NM	NS	NS	NS	NS	NS	NS
	11/09/92	321.77	DRY	DRY	NM	NS	NS	NS	NS	NS	NS
	12/10/92	321.77	53.59	269.18	0.00	NS	NS	NS	NS	NS	NS
	01/26/93	321.77	53.67	269.10	0.00	NS	NS	NS	NS	NS	NS
	02/16/93	321.77	53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
	03/11/93	321.77	53.58	269.19	0.00	NS	NS	NS	NS	NS	NS
	04/12/93	321.77	53.54	269.23	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	06/01/93	321.77	53.52	269.25	0.00	NS	NS	NS	NS	NS	NS
	07/15/93	321.77	53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
	08/15/93	321.77	53.55	269.22	0.00	NS	NS	NS	NS	NS	NS
	09/29/93	321.77	53.62	269.15	0.00	NS	NS	NS	NS	NS	NS
	09/30/93	321.77	NM	NC	NM	NS	NS	NS	NS	NS	NS
	10/28/93	321.77	53.63	269.14	0.00	NS	NS	NS	NS	NS	NS
	11/23/93	321.77	53.58	268.19	0.00	NS	NS	NS	NS	NS	NS
	11/24/93	321.77	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/10-11/94	321.77	53.61	268.16	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)
MW11	05/04-05/94	321.77	53.51	268.26	0.00	NS	NS	NS	NS	NS	NS
	11/16/94	321.77	53.46	268.31	0.00	NS	NS	NS	NS	NS	NS
	02/15/95	321.77	50.57	271.20	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	321.77	45.05	276.72	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	321.77	41.88	279.89	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.8
	11/30/95	321.77	40.04	281.73	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	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	321.77	35.34	286.43	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96	321.77	39.56	282.21	0.00	NS	NS	NS	NS	NS	NS
	11/18/96	321.77	39.56	282.21	0.00	NS	NS	NS	NS	NS	NS
	02/28/97	321.77	34.50	287.27	0.00	NS	NS	NS	NS	NS	NS
	05/23/97	321.77	34.80	286.97	0.00	NS	NS	NS	NS	NS	NS
	09/23/97	321.77	39.18	282.59	0.00	NS	NS	NS	NS	NS	NS
	12/30/97	321.77	37.94	283.83	0.00	NS	NS	NS	NS	NS	NS
	03/24/98	321.77	32.86	289.65	NM	NS	NS	NS	NS	NS	NS
	06/15/98	321.77	30.49	291.28	0.00	NS	NS	NS	NS	NS	NS
	09/11/98	321.77	35.96	285.81	0.00	NS	NS	NS	NS	NS	NS
	12/09/98	321.77	33.06	288.71	0.00	NS	NS	NS	NS	NS	NS
	03/31/99	321.77	29.31	292.46	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.79/2.64 <sup>f</sup>
	06/30/99	321.77	35.15	286.62	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	08/03/99	321.77	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 <sup>f</sup>
	12/22/99	321.73	40.94	280.79	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
	04/04/00	321.73	35.91	285.82	0.00	<1	<1	<1	<1	<50	<1
	06/28/00	321.73	40.46	281.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
	09/26/00	321.73	44.45	277.28	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
	12/28/00	321.73	44.11	277.62	0.00	<0.5	<0.5	<0.5	<0.5	<50	5.71 <sup>f</sup>
	03/28/01	321.73	43.60	278.13	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 <sup>f</sup>
	<b>06/25/01</b>	<b>321.73</b>	<b>46.78</b>	<b>274.95</b>	<b>0.00</b>	<b>3.0</b>	<b>7.3</b>	<b>2.0</b>	<b>11</b>	<b>59</b>	<b>&lt;2.5</b>
MW12A	09/26/00	NM	48.26	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
	12/28/00	NM	46.45	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 <sup>f</sup>

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)
MW12A	03/28/01	322.53	46.07	276.46	0.00	0.622	0.823	<0.5	0.526	<50	<2.5/<1.0 <sup>f</sup>
	<b>06/25/01</b>	<b>322.53</b>	<b>50.20</b>	<b>272.33</b>	<b>0.00</b>	<b>&lt;0.5</b>	<b>0.82</b>	<b>&lt;0.5</b>	<b>1.0</b>	<b>&lt;50</b>	<b>&lt;2.5</b>
MW13	09/26/00	NM	45.62	NC	0.00	0.504	0.594	<0.5	0.982	<50	1.62 <sup>f</sup>
	12/28/00	NM	45.15	NC	0.00	1.19	1.05	<0.5	1.25	<50	2.17 <sup>f</sup>
	03/28/01	322.62	44.57	278.05	0.00	0.769	1.45	<0.5	0.594	<50	<2.5/<1.0 <sup>f</sup>
	<b>06/25/01</b>	<b>322.62</b>	<b>48.24</b>	<b>274.38</b>	<b>0.00</b>	<b>&lt;0.5</b>	<b>1.1</b>	<b>&lt;0.5</b>	<b>1.1</b>	<b>&lt;50</b>	<b>&lt;2.5</b>
MW14	09/26/00	NM	46.90	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
	12/28/00	NM	45.09	NC	0.00	2.04	<0.5	0.740	1.78	<50	<2 <sup>f</sup>
	03/28/01	321.16	44.70	276.46	0.00	0.516	0.978	<0.5	0.919	<50	<2.5/<1.0 <sup>f</sup>
	<b>06/25/01</b>	<b>321.16</b>	<b>56.74</b>	<b>264.42</b>	<b>0.00</b>	<b>&lt;0.5</b>	<b>0.66</b>	<b>&lt;0.5</b>	<b>0.87</b>	<b>&lt;50</b>	<b>&lt;2.5</b>
VR1	03/24/92	NM	NM	NC	NM	1.7	<0.5	<0.5	<0.5	<50	NA
	06/30/99	NM	19.52	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	6.83/7.31 <sup>fb</sup>
	08/03/99	NM	19.53	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.49 <sup>f</sup>
	09/24/99	321.00	19.73	301.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	5.94 <sup>f</sup>
	12/22/99	321.00	21.35	299.65	0.00	<1.0	<1.0	<1.0	<1.0	<50	10 <sup>f</sup>
	04/04/00	321.00	19.23	301.77	0.00	<1	<1	<1	<1	<50	4,500/5,500 <sup>f</sup>
	06/28/00	321.00	20.42	300.58	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,370 <sup>f</sup>
	09/26/00	321.00	21.92	299.08	0.00	<0.5	<0.5	<0.5	<0.5	<50	387 <sup>f</sup>
	12/28/00	321.00	21.85	299.15	0.00	<0.5	<0.5	<0.5	<0.5	<50	200 <sup>f</sup>
	03/28/01	320.90	23.99	296.91	0.00	<0.5	<0.5	<0.5	<0.5	<50	86.6/55.9 <sup>f</sup>
	<b>06/25/01</b>	<b>320.90</b>	<b>23.84</b>	<b>297.06</b>	<b>0.00</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>
VR2	06/30/99	NM	33.63	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,080/1,160 <sup>fb</sup>
	08/03/99	NM	37.19	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	3,390 <sup>f</sup>
	09/24/99	320.18	41.54	278.64	0.00	2,650	<50	<50	309	5,170	1,030 <sup>f</sup>
	12/22/99	320.18	40.63	279.55	0.00	<1.0	<1.0	<1.0	<1.0	<50	34 <sup>f</sup>
	01/21/00	320.18	39.04	281.14	0.00	<1.0	<1.0	<1.0	<1.0	<50	17 <sup>f</sup>
	04/04/00	320.18	35.63	284.55	0.00	<1	<1	<1	<1	<50	370/400 <sup>f</sup>
	06/28/00	320.18	39.28	280.90	0.00	1.12	<1	<1	<1	<50	268 <sup>f</sup>

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)
VR2	09/26/00	320.18	DRY	NC	NM	NS	NS	NS	NS	NS	NS
	12/28/00	320.18	42.55	277.63	0.00	<0.5	<0.5	<0.5	<0.5	<50	10.6 <sup>f</sup>
	03/28/01	320.18	42.00	278.18	0.00	<0.5	<0.5	<0.5	<0.5	<50	5.85/2.98 <sup>f</sup>
	<b>06/25/01</b>	<b>320.18</b>	<b>DRY</b>	<b>NC</b>	<b>NM</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>
VR3	06/30/99	NM	9.15	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,220/1,380 <sup>fb</sup>
	08/03/99	NM	8.19	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	16,100 <sup>f</sup>
	09/24/99	318.73	8.97	309.76	0.00	7.20	1.14	<1.0	1.94	122	10,900 <sup>f</sup>
	11/05/99		Well destroyed								
VR4	06/30/99	NM	8.50	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	146
	08/03/99	NM	8.69	NC	0.00	<0.5	<0.5	<0.5	<0.5	71.7 <sup>b</sup>	3.96 <sup>f</sup>
	09/24/99	321.19	9.10	312.09	0.00	0.890	2.22	0.800	3.15	79.6	90.6 <sup>f</sup>
	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 <sup>f</sup>
	12/22/99	322.45	10.93	311.52	0.00	12	<5.0	<5.0	5.2	360	44,000 <sup>f</sup>
	04/04/00	322.45	10.83	311.62	0.00	1	<1	<1	<1	120	5,300/6,800 <sup>f</sup>
	06/28/00	322.45	11.91	310.54	0.00	1.20	<1	<1	<1	<100	1,530 <sup>f</sup>
	09/26/00	322.45	DRY	NC	NM	NS	NS	NS	NS	NS	NS
	12/28/00	322.45	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 <sup>f</sup>
	<b>06/25/01</b>	<b>321.44</b>	<b>DRY</b>	<b>NC</b>	<b>NM</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>
OW2	09/24/99	321.55	9.48	312.07	0.00	31.1	<0.5	<0.5	20.6	275 <sup>b</sup>	177,000 <sup>f</sup>
	12/22/99	321.55	10.13	311.42	0.00	<5.0	<5.0	<5.0	5.2	410	85,000 <sup>f</sup>
	04/04/00	321.55	10.00	NC	NM	NS	NS	NS	NS	NS	NS
	06/28/00	321.55	11.00	310.55	0.00	<50	<50	<50	<50	<5,000	45,400 <sup>f</sup>
	09/26/00	321.55	11.11	310.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,690 <sup>f</sup>
	12/28/00	321.55	11.11	310.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	4,520 <sup>f</sup>
	03/28/01	321.33	6.59	314.74	0.00	3.92	1.16	0.692	2.71	<50	9,130/5,650 <sup>f</sup>
	<b>06/25/01</b>	<b>321.33</b>	<b>11.93</b>	<b>309.40</b>	<b>0.00</b>	<b>&lt;2.0</b>	<b>&lt;2.0</b>	<b>&lt;2.0</b>	<b>3.1</b>	<b>&lt;200</b>	<b>4,000/4,000<sup>f</sup></b>

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)
PMW1	12/22/99	322.75	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	04/04/00	322.75	NM	NC	NM	NS	NS	NS	NS	NS	NS
	06/28/00	322.75	13.72	309.03	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
	09/26/00	322.75	DRY	NC	NM	NS	NS	NS	NS	NS	NS
	12/28/00	322.75	DRY	NC	NM	NS	NS	NS	NS	NS	NS
	03/28/01	322.74	DRY	NC	NM	NS	NS	NS	NS	NS	NS
	<b>06/25/01</b>	<b>322.74</b>	<b>15.09</b>	<b>307.66</b>	<b>0.00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;50</b>	<b>&lt;2.5</b>
PMW2	12/22/99	322.37	12.85	309.52	0.00	NS	NS	NS	NS	NS	NS
	04/04/00	322.37	10.65	311.72	0.00	<1	<1	<1	<1	<50	740/720 <sup>f</sup>
	06/28/00	322.37	11.50	310.87	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,570 <sup>f</sup>
	09/26/00	322.37	12.36	310.01	0.00	<0.5	<0.5	<0.5	<0.5	<50	157 <sup>f</sup>
	12/28/00	322.37	11.85	310.52	0.00	<0.5	<0.5	<0.5	<0.5	445	234 <sup>f</sup>
	03/28/01	322.07	10.68	311.39	0.00	<0.5	0.632	<0.5	1.88	<50	400/284 <sup>f</sup>
	<b>06/25/01</b>	<b>322.07</b>	<b>12.10</b>	<b>309.97</b>	<b>0.00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;50</b>	<b>6.6/5.7<sup>f</sup></b>
PMW3	12/22/99	321.27	12.61	308.66	0.00	NS	NS	NS	NS	NS	NS
	04/04/00	321.27	9.78	311.49	0.00	<1	<1	<1	<1	<50	250/310 <sup>f</sup>
	06/28/00	321.27	10.52	310.75	0.00	<0.5	<0.5	<0.5	<0.5	<50	31.5 <sup>f</sup>
	09/26/00	321.27	10.39	310.88	0.00	<0.5	<0.5	<0.5	<0.5	<50	13.6 <sup>f</sup>
	12/28/00	321.27	12.20	309.07	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 <sup>f</sup>
	03/28/01	321.27	9.37	311.90	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/1.08 <sup>f</sup>
	<b>06/25/01</b>	<b>321.27</b>	<b>12.47</b>	<b>308.80</b>	<b>0.00</b>	<b>2.1</b>	<b>6.8</b>	<b>2.4</b>	<b>11</b>	<b>63</b>	<b>&lt;2.5</b>
PMW4	12/22/99	321.37	15.32	306.05	0.00	NS	NS	NS	NS	NS	NS
	04/04/00	321.37	10.60	310.77	0.00	<1	<1	<1	<1	<50	28/27 <sup>f</sup>
	06/28/00	321.37	14.00	307.37	0.00	<0.5	<0.5	<0.5	<0.5	<50	3.73 <sup>f</sup>
	09/26/00	321.37	DRY	NC	NM	NS	NS	NS	NS	NS	NS
	12/28/00	321.37	DRY	NC	NM	NS	NS	NS	NS	NS	NS
	03/28/01	321.37	14.11	307.26	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/1.11 <sup>f</sup>
	<b>06/25/01</b>	<b>321.37</b>	<b>15.07</b>	<b>306.30</b>	<b>0.00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;50</b>	<b>&lt;2.5</b>

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)
PMW5	12/22/99	320.04	13.19	306.85	0.00	1.0	<1.0	<1.0	<1.0	<50	810 <sup>f</sup>
	04/04/00	320.04	9.61	310.43	0.00	<1	<1	<1	<1	<50	680/890 <sup>f</sup>
	06/28/00	320.04	10.10	309.94	0.00	1.79	<0.5	<0.5	<0.5	<50	629 <sup>f</sup>
	09/26/00	320.04	12.15	307.89	0.00	1.83	<0.5	<0.5	<0.5	<50	743 <sup>f</sup>
	12/28/00	320.04	12.48	307.56	0.00	1.93	<0.5	<0.5	<0.5	<50	919 <sup>f</sup>
	03/28/01	320.04	6.90	313.14	0.00	1.38	0.790	<0.5	<0.5	<50	420/304 <sup>f</sup>
	<b>06/25/01</b>	<b>320.04</b>	<b>11.74</b>	<b>308.30</b>	<b>0.00</b>	<b>1.1</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;50</b>	<b>540/560<sup>f</sup></b>
PMW6	12/22/99	321.38	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	04/04/00	321.38	15.10	NC	NM	NS	NS	NS	NS	NS	NS
	06/28/00	321.38	14.60	NC	NM	NS	NS	NS	NS	NS	NS
	09/26/00	321.38	NM	NC	NM	NS	NS	NS	NS	NS	NS
	12/28/00	321.38	DRY	NC	NM	NS	NS	NS	NS	NS	NS
	03/28/01	321.38	DRY	NC	NM	NS	NS	NS	NS	NS	NS
	<b>06/25/01</b>	<b>321.38</b>	<b>14.82</b>	<b>306.56</b>	<b>NM</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;50</b>	<b>&lt;2.5</b>

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.

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.

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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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)
					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	50	2.5	0.036	0.020
04/13/01	7.02	100%	276970	7.0			0.029	0.001
04/19/01	5.97	100%	335570	6.8			0.024	0.001
04/27/01	8.04	100%	415750	6.9			0.033	0.002
05/01/01	3.92	100%	NM	NC			0.000	0.002
05/08/01	7.10	100%	525007	6.9			0.046	0.002
05/11/01	2.86	100%	555840	7.5	50	2.5	0.013	0.001
05/18/01	7.08	100%	623650	6.6			0.028	0.001
05/25/01	7.02	100%	691110	6.7			0.028	0.001
06/01/01	7.06	100%	758630	6.6			0.000	0.000
06/05/01	3.96	100%	766070	1.3	50	2.5	0.002	0.000
06/15/01	9.96	100%	859280	6.5			0.039	0.002
06/22/01	3.53	50%	924570	12.8			0.027	0.001
06/25/01	1.38	50%	924578	0.0			0.000	0.000
06/26/01	1.19	100%	934690	5.9			0.004	0.000
07/06/01	5.02	50%	992100	7.9	50	2.5	0.012	0.001
07/12/01	6.04	100%	1040560	5.6			0.020	0.001
07/13/01	0.94	100%	1048180	5.6			0.003	0.000
07/20/01	6.99	100%	1102500	5.4			0.023	0.001
<b>Cumulative Total</b>							0.442	0.079

\* 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)

**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									
	05/11/01	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 50.0	< 2.50	< 1.00
	06/05/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	< 2.5	< 1.0
	07/06/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	< 2.5	< 2.0
After First GAC (Intermediate)									
	05/11/01	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 50.0	< 2.50	< 1.00
	06/05/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	< 2.5	< 1.0
	07/06/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	< 2.5	< 2.0
Effluent									
	05/11/01	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 50.0	< 2.50	< 1.00
	06/05/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	< 2.5	< 1.0
	07/06/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	60	< 2.5	< 2.0
	07/06/01		TPH-d result confirmed with spare sample				< 50		

µg/L - Micrograms per liter

TPH-g - Total petroleum hydrocarbons as gasoline

TPH-d - Total petroleum hydrocarbons as diesel

**Appendix A**  
**Field Documents**



Engineering, Inc.

MONITORING WELL DATA FORM

Client: ExxonMobil

Date: 6/25/2001

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-1	45.51					55.15	4"
MW-4	46.56					66.90	4"
MW-5D	48.19					77.50	4"
MW-5S	46.58					54.60	4"
<del>MW-6</del>							
MW-7	46.31					57.55	4"
MW-8	57.84					137.90	4"
<del>SYSTEM</del> MW-9A	<del>49.84</del>	49.84				50.75	6"
MW-10	48.13					58.30	4"
MW-11	46.78					58.30	4"
MW-12A	50.20					128.47	2"
MW-13	48.24					71.50	2"
MW-14	56.74					135.46	2"
OW-1	<del>12.40</del> Dry					12.40	4"
OW-2	11.93					12.74	4"
VR-1	23.84					30.85	4"
VR-2	Dry					43.51	2"
PMW-1	15.09					15.72	4"
PMW-2	12.10					15.53	4"
PMW-3	12.47					15.42	4"
PMW-4	15.07					15.72	4"
PMW-5	11.74					14.68	4"
PMW-6	14.82					15.90	4"

**GROUNDWATER PURGE AND SAMPLE**

Project Name: *Exxon 7-3399* Well No: *MW-1* Date: *6/25/2001*  
 Project No: *UP3399.1* Personnel: *DOUG F.*

**Gauging Data**

Water Level Measuring Method: *WLM* 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>55.15</i>	<i>45.51</i>	<i>9.64</i>	<i>1.44</i>	<i>6.1</i>	<i>18.5</i>
				1 2 4 6 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>1400</i>	<i>7.0</i>	<i>19.4</i>	<i>6.75</i>	<i>2.53</i>		<i>N</i>	<i>clear</i>	<i>N</i>
<i>1402</i>	<i>14.0</i>	<i>19.4</i>	<i>6.74</i>	<i>2.52</i>		<i>N</i>	<i>clear</i>	<i>N</i>
<i>1404</i>	<i>21.0</i>	<i>19.4</i>	<i>6.74</i>	<i>2.51</i>		<i>N</i>	<i>clear</i>	<i>N</i>

Comments/Observations:

**Sampling Data**

Time Sampled: *1435* Approximate Depth to Water During Sampling: *46.0* (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>		<i>TPH-g, BTEX, MTBE</i>

Total Purge Volume: *21.0* (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-4* Date: *6/25/2001*  
 Project No: *UP3399.1* Personnel: *DOUG F.*

### GAUGING DATA

Water Level Measuring Method: *WLM* 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 - 46.56 = 20.34</i>	<i>66.90</i>	<i>46.56</i>	<i>20.34</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>13.0</i>
				0.04	0.16	0.64	1.44		

### PURGING DATA

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

Time	1339	1342	1346			
Volume Purge (gal)	<i>13.0</i>	<i>26.0</i>	<i>39.0</i>			
Temperature (°C)	<i>19.8</i>	<i>19.8</i>	<i>19.7</i>			
pH	<i>6.76</i>	<i>6.74</i>	<i>6.74</i>			
Spec. Cond. (umhos)	<i>2.50</i>	<i>2.50</i>	<i>2.50</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: *1415* Approximate Depth to Water During Sampling: *47.0* (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>TPH-g, BTEX, MTBE</i>
					/	
					/	

Total Purge Volume: *39.0* (gallons) Disposal: *SYSTEM*

Weather Conditions: *04*

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: *6/25/2001*  
 Project No: *UP3399.1* Personnel: *DOUG F.*

**GAUGING DATA**

Water Level Measuring Method: *WLM* 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>48.19</i>	<i>29.31</i>	<i>1</i> 0.04	<i>2</i> 0.16	<i>4</i> 0.64	<i>6</i> 1.44	<i>18.7</i>

**PURGING DATA**

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

Time	0955	0959	1004			
Volume Purge (gal)	<i>19.0</i>	<i>38.0</i>	<i>57.0</i>			
Temperature (C)	<i>18.4</i>	<i>18.5</i>	<i>18.6</i>			
pH	<i>6.82</i>	<i>6.82</i>	<i>6.83</i>			
Spec. Cond. (umhos)	<i>1.69</i>	<i>1.81</i>	<i>1.85</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: *1010* Approximate Depth to Water During Sampling: *50.0* (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>MW-5D</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: *57.0* (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: *6/25/2001*  
 Project No: *UP3399.1* Personnel: *DOUG F.*

**GAUGING DATA**

Water Level Measuring Method: *WLM* 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>-</i>	<i>46.58</i>	<i>=</i>	<i>8.02</i>	<i>X</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>5.1</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	1012	1013	1014			
Volume Purge (gal)	<i>6.0</i>	<i>12.0</i>	<i>18.0</i>			
Temperature (C)	<i>18.8</i>	<i>18.9</i>	<i>18.9</i>			
pH	<i>6.72</i>	<i>6.68</i>	<i>6.68</i>			
Spec. Cond. (umhos)	<i>2.39</i>	<i>2.48</i>	<i>2.51</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: *1025* Approximate Depth to Water During Sampling: *48.0* (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>/</i>	<i>TPH-g, BTEX, MTBE</i>
					<i>/</i>	
					<i>/</i>	

Total Purge Volume: *18.0* (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: *21.5-7*

Date: 6/25/2001

Project No: *UP3399.1*

Personnel: *DOUG F.*

**GAUGING DATA**

Water Level Measuring Method: *WLM*

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>46.31</i>	<i>11.24</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	1715	1717	1719			
Volume Purge (gal)	<i>8.0</i>	<i>16.0</i>	<i>24.0</i>			
Temperature (C)	<i>19.0</i>	<i>19.3</i>	<i>19.4</i>			
pH	<i>6.25</i>	<i>6.71</i>	<i>6.72</i>			
Spec. Cond. (umhos)	<i>2.17</i>	<i>2.27</i>	<i>2.30</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:

**SAMPLING DATA**

Time Sampled: *1745*

Approximate Depth to Water During Sampling: *47.0* (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>
					<i>/</i>	
					<i>/</i>	

Total Purge Volume: *24.0* (gallons)

Disposal:

*SYSTEM*

Weather Conditions:

*OK / Rain*

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-8*

Date: 6/25/2001

Project No: *UP3399.1*

Personnel: *DOUG F.*

**GAUGING DATA**

Water Level Measuring Method: *WLM*

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>137.90</i>	<i>57.84</i>	<i>80.06</i>	<i>X</i>	<i>51.2</i>	<i>= 153.7</i>
				1 2 4 6 0.04 0.16 0.64 2.44		

**PURGING DATA**

Purge Method: *Submersible Pump*

Purge Depth:

Screen

Purge Rate:

(gpm)

Time	1513	1639	1652			
Volume Purge (gal)	<i>52.0</i>	<i>104.0</i>	<i>156.0</i>			
Temperature (C)	<i>18.1</i>	<i>17.3</i>	<i>17.2</i>			
pH	<i>7.47</i>	<i>7.07</i>	<i>7.04</i>			
Spec. Cond. (umhos)	<i>1.02</i>	<i>1.02</i>	<i>1.02</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: *1700*

Approximate Depth to Water During Sampling: *58.0* (feet)

Comments:

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

Total Purge Volume: *156.0* (gallons)

Disposal:

*SYSTEM*

Weather Conditions:

*04 / Rain*

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-9A*

Date: 6/25/2001

Project No: *UP3399.1*

Personnel: *DOUG F.*

**GAUGING DATA**

Water Level Measuring Method: *WLM*

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>-</i>	<i>=</i>	<i>-</i>	<i>X</i>	1 0.04	2 0.16	4 0.64	6 1.44	<i>-</i>	<i>=</i>

**PURGING DATA**

Purge Method: *Submersible Pump*

Purge Depth: *Screen*

Purge Rate: *(gpm)*

Time	<i>-</i>	<i>SYSTEM ON</i>	<i>-</i>			
Volume Purge (gal)	<i>Sampled off of SYSTEM port</i>					
Temperature (C)						
pH						
Spec. Cond. (umhos)						
Turbidity/Color						
Odor (Y/N)						
Casing Volumes						
Dewatered (Y/N)						

Comments/Observations:

**SAMPLING DATA**

Time Sampled: *1230*

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: *-* (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-10* Date: *6/25/2001*  
 Project No: *UP3399.1* Personnel: *DOUG F.*

**GAUGING DATA**

Water Level Measuring Method: *WLM* 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>48.13</i>	<i>=</i>	<i>10.17</i>	<i>X</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>6.5</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	1307	1308	1310			
Volume Purge (gal)	<i>7.0</i>	<i>14.0</i>	<i>21.0</i>			
Temperature (°C)	<i>19.5</i>	<i>19.5</i>	<i>19.5</i>			
pH	<i>6.78</i>	<i>6.76</i>	<i>6.76</i>			
Spec. Cond. (µmhos)	<i>2.38</i>	<i>2.36</i>	<i>2.36</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: *1345* Approximate Depth to Water During Sampling: *49.0 (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: *21.0 (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: *6/25/2001*  
 Project No: *UP3399.1* Personnel: *DOUG F.*

**GAUGING DATA**

Water Level Measuring Method: *WLM* 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>46.78</i>	<i>11.52</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>2.3</i>	<i>22.1</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	1248	1251	1253			
Volume Purge (gal)	<i>8.0</i>	<i>16.0</i>	<i>24.0</i>			
Temperature (C)	<i>19.6</i>	<i>19.8</i>	<i>19.8</i>			
pH	<i>6.75</i>	<i>6.73</i>	<i>6.74</i>			
Spec. Cond. (umhos)	<i>2.39</i>	<i>2.39</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: *1335* Approximate Depth to Water During Sampling: *47.0* (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>TPH-g, BTEX, MTBE</i>
					/	
					/	

Total Purge Volume: *24.0* (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: *6/25/2001*  
 Project No: *UP3399.1* Personnel: *DOUG F.*

**GAUGING DATA**  
 Water Level Measuring Method: *WLM* 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>50.20</i>	<i>78.27</i>	<i>X</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>12.5</i>
				0.04	0.16	0.64	1.44		

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

Time	1033	1037	1041			
Volume Purge (gal)	<i>13.0</i>	<i>26.0</i>	<i>39.0</i>			
Temperature (C)	<i>18.1</i>	<i>17.9</i>	<i>17.9</i>			
pH	<i>6.90</i>	<i>7.03</i>	<i>7.05</i>			
Spec. Cond. (umhos)	<i>.824</i>	<i>.867</i>	<i>.902</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: *1110* Approximate Depth to Water During Sampling: *57.0 (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: *39.0 (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:  
 \_\_\_\_\_



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### GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 7-3399 Well No: MW-13 Date: 6/25/2001  
 Project No: UP3399.1 Personnel: DOUG F.

**GAUGING DATA**  
 Water Level Measuring Method: WLM 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>71.50</u>	<u>48.24</u>	<u>23.26</u>	<u>1</u>	<u>2</u>	<u>4</u>	<u>6</u>	<u>3.7</u>
				0.04	0.16	0.64	1.44		

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

Time	1055	1057	1058			
Volume Purge (gal)	<u>4.0</u>	<u>8.0</u>	<u>12.0</u>			
Temperature (C)	<u>19.0</u>	<u>18.9</u>	<u>18.9</u>			
pH	<u>6.83</u>	<u>6.88</u>	<u>6.86</u>			
Spec. Cond. (umhos)	<u>2.38</u>	<u>2.38</u>	<u>2.39</u>			
Turbidity/Color	/					
Odor (Y/N)	<u>N</u>	<u>N</u>	<u>N</u>			
Casing Volumes	<u>Silty</u>	<u>Silty</u>	<u>Silty</u>			
Dewatered (Y/N)	<u>N</u>	<u>N</u>	<u>N</u>			

Comments/Observations:  
 \_\_\_\_\_  
 \_\_\_\_\_

**SAMPLING DATA**  
 Time Sampled: 1115 Approximate Depth to Water During Sampling: 49.0 (feet)  
 Comments:  
 \_\_\_\_\_

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

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:  
 \_\_\_\_\_

## GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-3399* Well No: *MW-14* Date: *6/25/2001*  
 Project No: *UP3399.1* Personnel: *DOUG F.*

### GAUGING DATA

Water Level Measuring Method: *WLM* 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>56.74</i>	<i>78.72</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>12.5</i>	<i>37.7</i>
				0.04	0.16	0.64	1.44		

### PURGING DATA

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

Time	0934	0937	0942			
Volume Purge (gal)	<i>13.0</i>	<i>26.0</i>	<i>39.0</i>			
Temperature (C)	<i>17.2</i>	<i>17.1</i>	<i>17.1</i>			
pH	<i>7.07</i>	<i>7.03</i>	<i>7.02</i>			
Spec. Cond. (umhos)	<i>.99</i>	<i>.99</i>	<i>.99</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: *0955* Approximate Depth to Water During Sampling: *57.0 (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>TPH-g, BTEX, MTBE</i>
					/	
					/	

Total Purge Volume: *39.0 (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: *6/25/2001*  
 Project No: *UP3399.1* Personnel: *DOUG F.*

**GAUGING DATA**

Water Level Measuring Method: *WLM* 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>12.74</i>	<i>11.93</i>	<i>.81</i>	<i>X</i>	<i>.51</i>	<i>= 1.5</i>
				<i>1 2 4 6</i>		
				<i>0.04 0.16 0.64 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)						

Comments/Observations: *From DE-watered w .5 gal unusable to obtain parameters*

**SAMPLING DATA**

Time Sampled: *1755* Approximate Depth to Water During Sampling: *120* (feet)

Comments:

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>TPH-g, BTEX, MTBE</i>

Total Purge Volume: \_\_\_\_\_ (gallons) Disposal: **SYSTEM**

Weather Conditions: *ok / Partly*

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-1*

Date: *6/25/2001*

Project No: *UP3399.1*

Personnel: *DOUG F.*

**GAUGING DATA**

Water Level Measuring Method: *WLM*

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>23.84</i>	<i>7.01</i>	<i>1.44</i>	<i>4.4</i>	<i>13.4</i>
				<i>1.44</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>5.0</i>							
	<i>10.0</i>							
	<i>15.0</i>							

Comments/Observations: *Unable to Purge / Sample - pump stuck in well*

**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>VR-1</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:

*OK / Rain*

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: *6/25/2001*

Project No: *UP3399.1*

Personnel: *DOUG F.*

**GAUGING DATA**

Water Level Measuring Method: *WLM*

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>15.09</i>	<i>=</i>	<i>.63</i>	<i>X</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>-</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>NO parameters - low volumes</i>					
Volume Purge (gal)						
Temperature (C)						
pH						
Spec. Cond. (umhos)						
Turbidity/Color						
Odor (Y/N)						
Casing Volumes						
Dewatered (Y/N)						

Comments/Observations: *DE-watered x .4 gals waste to obtain parameters*

**SAMPLING DATA**

Time Sampled: *B55*

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>Dmw-1</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:

*Rain*

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: *6/25/2001*  
 Project No: *UP3399.1* Personnel: *DOUG F.*

**GAUGING DATA**  
 Water Level Measuring Method: *WLM* 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>12.10</i>	<i>3.43</i>	<i>X</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>2.1</i>	<i>= 6.5</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)
	<i>3.0</i>							
	<i>6.0</i>							
	<i>9.0</i>							

Comments/Observations: *DE-dewatered ~ 2.0 gal*  
*unable to record parameters*

**SAMPLING DATA**  
 Time Sampled: *1805* Approximate Depth to Water During Sampling: *13.0* (feet)  
 Comments:

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: *~ 2.0* (gallons) Disposal: *SYSTEM*  
 Weather Conditions: *OK / Rain*  
 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-3*

Date: 6/25/2001

Project No: *UP3399.1*

Personnel: *DOUG F.*

**GAUGING DATA**

Water Level Measuring Method: *WLM*

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>15.42</i>	<i>12.47</i>	<i>2.95</i>	<i>X</i>	<i>1.8</i>	<i>= 5.6</i>
				1 2 4 6 0.04 0.16 0.64 1.44		

**PURGING DATA**

Purge Method: *Submersible Pump*

Purge Depth:

Screen

Purge Rate:

(gpm)

Time	1421	1422				
Volume Purge (gal)	<i>2.0</i>	<i>4.0</i>	<i>6.0</i>			
Temperature (C)	<i>19.5</i>	<i>19.6</i>				
pH	<i>6.78</i>	<i>6.83</i>				
Spec. Cond. (umhos)	<i>1.54</i>	<i>1.29</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>N</i>				

Comments/Observations: *Dewatered x 4.0 gals*

**SAMPLING DATA**

Time Sampled: *1440*

Approximate Depth to Water During Sampling: *13.0* (feet)

Comments:

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: *4.0* (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: *pmw-4* Date: *6/25/2001*  
 Project No: *UP3399.1* Personnel: *DOUG F.*

**GAUGING DATA**

Water Level Measuring Method: *WLM* 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>15.07</i>	<i>.65</i>	<i>X</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>.4</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>NO</i>	<i>parameters</i>	<i>-</i>	<i>Low</i>	<i>Volume</i>				

Comments/Observations: *DE-watered as .4 gal, waste to obtain parameters*

**SAMPLING DATA**

Time Sampled: *1800* Approximate Depth to Water During Sampling: *15.0* (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: *—* (gallons) Disposal: *SYSTEM*

Weather Conditions:

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

Well Head Conditions Requiring Correction: *ok*

Problems Encountered During Purging and Sampling: *none*

Comments:

**GROUNDWATER PURGE AND SAMPLE**

Project Name: *Exxon 7-3399*

Well No: *pmw 5* Date: *6/25/2001*

Project No: *UP3399.1*

Personnel: *DOUG F.*

**GAUGING DATA**

Water Level Measuring Method: *WLM*

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>14.68</i>	<i>11.74</i>	<i>2.94</i>	<i>1.44</i>	<i>1.8</i>	<i>5.6</i>
				<i>1</i>		
				<i>2</i>		
				<i>4</i>		
				<i>6</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>2.0</i>							
	<i>4.0</i>							
	<i>6.0</i>							

Comments/Observations: *DE-watered ~~at 1.5~~ 1.5 → 2.0 GALS*  
*unable to obtain purge volumes*

**SAMPLING DATA**

Time Sampled: *1815*

Approximate Depth to Water During Sampling: *12.0* (feet)

Comments:

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

Total Purge Volume: *2 2.0* (gallons)

Disposal: \_\_\_\_\_ SYSTEM

Weather Conditions: *OK / Rain*

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: *6/25/2001*

Project No: *UP3399.1*

Personnel: *DOUG F.*

**GAUGING DATA**

Water Level Measuring Method: *WLM*

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>15.90</i>	$-$ <i>14.82</i>	$=$ <i>1.08</i>	$\times$ <i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>.6</i>	$=$ <i>2.0</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>NO parameters - low volumes</i>								
<i>(Remaining rows are crossed out with a diagonal line)</i>								

Comments/Observations: *DE-watered  $\approx$  .6 cals, unable to obtain parameters*

**SAMPLING DATA**

Time Sampled: *1735*

Approximate Depth to Water During Sampling: *14.80* (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>
<i>(Remaining rows are crossed out with a diagonal line)</i>						

Total Purge Volume: *-* (gallons)

Disposal: *SYSTEM*

Weather Conditions:

*cloud*

Condition of Well Box and Casing at Time of Sampling:

*dry*

Well Head Conditions Requiring Correction:

*none*

Problems Encountered During Purging and Sampling:

*none*

Comments:



**Appendix B**

**Laboratory Analytical Reports**



July 13, 2001

Joe Muehleck  
ETIC Engineering  
2285 Morello Avenue  
Pleasant Hill, CA 94523

RE: MKF0739/ 7-3399

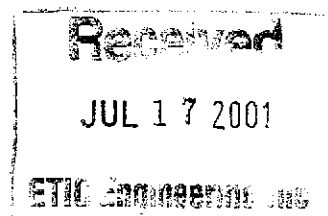
Dear Joe Muehleck:

Enclosed are the revised results for samples submitted to the laboratory on 6/27/01. The sample ID for MKF0739-19 has been changed from DW2 to OW2. If there are any questions concerning this report please feel free to contact me.

Sincerely,

Wayne Stevenson  
Project Manager

CA ELAP Certificate # 1210





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

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

**Reported:**  
07/13/01 10:37

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MKF0739-01	Water	06/25/01 14:35	06/27/01 16:30
MW-4	MKF0739-02	Water	06/25/01 14:15	06/27/01 16:30
MW-7	MKF0739-03	Water	06/25/01 17:45	06/27/01 16:30
MW-8	MKF0739-04	Water	06/25/01 17:00	06/27/01 16:30
MW-10	MKF0739-05	Water	06/25/01 13:45	06/27/01 16:30
MW-11	MKF0739-06	Water	06/25/01 13:35	06/27/01 16:30
MW-13	MKF0739-07	Water	06/25/01 11:15	06/27/01 16:30
MW-14	MKF0739-08	Water	06/25/01 09:55	06/27/01 16:30
MW-5D	MKF0739-09	Water	06/25/01 10:10	06/27/01 16:30
MW-9A	MKF0739-10	Water	06/25/01 13:30	06/27/01 16:30
MW-5S	MKF0739-11	Water	06/25/01 10:25	06/27/01 16:30
MW-12A	MKF0739-12	Water	06/25/01 00:00	06/27/01 16:30
PMW-2	MKF0739-13	Water	06/25/01 00:00	06/27/01 16:30
PMW-3	MKF0739-14	Water	06/25/01 00:00	06/27/01 16:30
PMW-5	MKF0739-15	Water	06/25/01 00:00	06/27/01 16:30
PMW-6	MKF0739-16	Water	06/25/01 00:00	06/27/01 16:30
PMW-4	MKF0739-17	Water	06/25/01 00:00	06/27/01 16:30
PMW-1	MKF0739-18	Water	06/25/01 00:00	06/27/01 16:30
OW-2	MKF0739-19	Water	06/25/01 17:55	06/27/01 16:30

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:**  
07/13/01 10:37

**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-1 (MKF0739-01) Water Sampled: 06/25/01 14:35 Received: 06/27/01 16:30**

Purgeable Hydrocarbons	ND	50	ug/l	1	1G06002	07/06/01	07/06/01	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		97.2 %		70-130	"	"	"	"	

**MW-4 (MKF0739-02) Water Sampled: 06/25/01 14:15 Received: 06/27/01 16:30**

Purgeable Hydrocarbons	ND	50	ug/l	1	1G06002	07/06/01	07/06/01	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	0.66	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		94.9 %		70-130	"	"	"	"	

**MW-7 (MKF0739-03) Water Sampled: 06/25/01 17:45 Received: 06/27/01 16:30**

Purgeable Hydrocarbons	ND	50	ug/l	1	1G07004	07/07/01	07/07/01	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		97.4 %		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:**  
07/13/01 10:37

**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
<b>MW-8 (MKF0739-04) Water Sampled: 06/25/01 17:00 Received: 06/27/01 16:30</b>									
Purgeable Hydrocarbons	ND	50	ug/l	1	1G07004	07/07/01	07/07/01	DHS LUFT	
Benzene	0.71	0.50	"	"	"	"	"	"	
Toluene	1.0	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	1.4	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		100 %	70-130		"	"	"	"	
<b>MW-10 (MKF0739-05) Water Sampled: 06/25/01 13:45 Received: 06/27/01 16:30</b>									
Purgeable Hydrocarbons	ND	50	ug/l	1	1G03003	07/03/01	07/03/01	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		105 %	70-130		"	"	"	"	
<b>MW-11 (MKF0739-06) Water Sampled: 06/25/01 13:35 Received: 06/27/01 16:30</b>									
Purgeable Hydrocarbons	59	50	ug/l	1	1G03003	07/03/01	07/03/01	DHS LUFT	
Benzene	3.0	0.50	"	"	"	"	"	"	
Toluene	7.3	0.50	"	"	"	"	"	"	
Ethylbenzene	2.0	0.50	"	"	"	"	"	"	
Xylenes (total)	11	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		107 %	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:  
07/13/01 10:37

## 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
<b>MW-13 (MKF0739-07) Water</b> Sampled: 06/25/01 11:15 Received: 06/27/01 16:30									
Purgeable Hydrocarbons	ND	50	ug/l	1	1G07004	07/07/01	07/07/01	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	1.1	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	1.1	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		96.6 %		70-130	"	"	"	"	
<b>MW-14 (MKF0739-08) Water</b> Sampled: 06/25/01 09:55 Received: 06/27/01 16:30									
Purgeable Hydrocarbons	ND	50	ug/l	1	1G07004	07/07/01	07/07/01	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	0.66	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	0.87	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		98.4 %		70-130	"	"	"	"	
<b>MW-5D (MKF0739-09) Water</b> Sampled: 06/25/01 10:10 Received: 06/27/01 16:30									
Purgeable Hydrocarbons	ND	50	ug/l	1	1G03003	07/03/01	07/03/01	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		107 %		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:**  
07/13/01 10:37

**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
<b>MW-9A (MKF0739-10) Water Sampled: 06/25/01 13:30 Received: 06/27/01 16:30</b>									
Purgeable Hydrocarbons	ND	50	ug/l	1	1G06003	07/06/01	07/06/01	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98.0 %	70-130		"	"	"	"	
<b>MW-5S (MKF0739-11) Water Sampled: 06/25/01 10:25 Received: 06/27/01 16:30</b>									
Purgeable Hydrocarbons	ND	50	ug/l	1	1G06003	07/06/01	07/06/01	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		97.4 %	70-130		"	"	"	"	
<b>MW-12A (MKF0739-12) Water Sampled: 06/25/01 00:00 Received: 06/27/01 16:30</b>									
Purgeable Hydrocarbons	ND	50	ug/l	1	1G06003	07/06/01	07/06/01	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	0.82	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	1.0	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		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:**  
07/13/01 10:37

**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
<b>PMW-2 (MKF0739-13) Water</b> Sampled: 06/25/01 00:00 Received: 06/27/01 16:30									
Purgeable Hydrocarbons	ND	50	ug/l	1	1G06003	07/06/01	07/06/01	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	6.6	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		99.1 %	70-130	"	"	"	"	"	
<b>PMW-3 (MKF0739-14) Water</b> Sampled: 06/25/01 00:00 Received: 06/27/01 16:30									
Purgeable Hydrocarbons	63	50	ug/l	1	1G06003	07/06/01	07/06/01	DHS LUFT	P-01
Benzene	2.1	0.50	"	"	"	"	"	"	
Toluene	6.8	0.50	"	"	"	"	"	"	
Ethylbenzene	2.4	0.50	"	"	"	"	"	"	
Xylenes (total)	11	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		96.3 %	70-130	"	"	"	"	"	
<b>PMW-5 (MKF0739-15) Water</b> Sampled: 06/25/01 00:00 Received: 06/27/01 16:30									
Purgeable Hydrocarbons	ND	50	ug/l	1	1G06003	07/06/01	07/06/01	DHS LUFT	
Benzene	1.1	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	540	12	"	5	"	"	07/06/01	"	M-03
<i>Surrogate: a,a,a-Trifluorotoluene</i>		102 %	70-130	"	"	"	07/06/01	"	







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

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

Reported:  
07/13/01 10:37

## 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
<b>PMW-6 (MKF0739-16) Water</b> Sampled: 06/25/01 00:00 Received: 06/27/01 16:30									
Purgeable Hydrocarbons	ND	50	ug/l	1	1G03002	07/03/01	07/03/01	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		100 %	70-130		"	"	"	"	
<b>PMW-4 (MKF0739-17) Water</b> Sampled: 06/25/01 00:00 Received: 06/27/01 16:30									
Purgeable Hydrocarbons	ND	50	ug/l	1	1G03002	07/03/01	07/03/01	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		98.4 %	70-130		"	"	"	"	
<b>PMW-1 (MKF0739-18) Water</b> Sampled: 06/25/01 00:00 Received: 06/27/01 16:30									
Purgeable Hydrocarbons	ND	50	ug/l	1	1G03002	07/03/01	07/03/01	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		98.2 %	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:**  
07/13/01 10:37

**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
<b>OW-2 (MKF0739-19) Water</b> <b>Sampled: 06/25/01 17:55</b> <b>Received: 06/27/01 16:30</b>									
Purgeable Hydrocarbons	ND	200	ug/l	4	1G07003	07/07/01	07/07/01	DHS LUFT	P-03
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
Xylenes (total)	3.1	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	<b>4000</b>	100	"	40	"	"	07/06/01	"	A-01,M-03
Surrogate: a,a,a-Trifluorotoluene		94.2 %		70-130	"	"	07/07/01	"	





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

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

**Reported:**  
07/13/01 10:37

**MTBE Confirmation by EPA Method 8260B  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>PMW-2 (MKF0739-13) Water Sampled: 06/25/01 00:00 Received: 06/27/01 16:30</b>									
Methyl tert-butyl ether	5.7	1.0	ug/l	1	1G10021	07/09/01	07/09/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		"	"	"	"	
<b>PMW-5 (MKF0739-15) Water Sampled: 06/25/01 00:00 Received: 06/27/01 16:30</b>									
Methyl tert-butyl ether	560	20	ug/l	20	1G10021	07/09/01	07/09/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		"	"	"	"	
<b>OW-2 (MKF0739-19) Water Sampled: 06/25/01 17:55 Received: 06/27/01 16:30</b>									
Methyl tert-butyl ether	4000	100	ug/l	100	1G10021	07/09/01	07/09/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		108 %	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:  
07/13/01 10:37

## 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 1G03002 - EPA 5030B [P/T]

#### Blank (1G03002-BLK1)

Prepared & Analyzed: 07/03/01

Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	9.56		"	10.0		95.6	70-130			

#### LCS (1G03002-BS1)

Prepared & Analyzed: 07/03/01

Purgeable Hydrocarbons	234	50	ug/l	250		93.6	70-130			
Surrogate: a,a,a-Trifluorotoluene	10.8		"	10.0		108	70-130			

#### LCS (1G03002-BS2)

Prepared & Analyzed: 07/03/01

Benzene	9.73	0.50	ug/l	10.0		97.3	70-130			
Toluene	10.3	0.50	"	10.0		103	70-130			
Ethylbenzene	10.6	0.50	"	10.0		106	70-130			
Xylenes (total)	30.4	0.50	"	30.0		101	70-130			
Surrogate: a,a,a-Trifluorotoluene	10.3		"	10.0		103	70-130			

#### Matrix Spike (1G03002-MS1)

Source: MKF0752-03

Prepared & Analyzed: 07/03/01

Purgeable Hydrocarbons	240	50	ug/l	250	ND	96.0	60-140			
Surrogate: a,a,a-Trifluorotoluene	11.9		"	10.0		119	70-130			

#### Matrix Spike Dup (1G03002-MSD1)

Source: MKF0752-03

Prepared & Analyzed: 07/03/01

Purgeable Hydrocarbons	246	50	ug/l	250	ND	98.4	60-140	2.47	25	
Surrogate: a,a,a-Trifluorotoluene	12.1		"	10.0		121	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:  
07/13/01 10:37

**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 1G03003 - EPA 5030B [P/T]**

**Blank (1G03003-BLK1)**

Prepared & Analyzed: 07/03/01

Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	10.4		"	10.0		104	70-130			

**LCS (1G03003-BS1)**

Prepared & Analyzed: 07/03/01

Benzene	10.4	0.50	ug/l	10.0		104	70-130			
Toluene	11.0	0.50	"	10.0		110	70-130			
Ethylbenzene	10.8	0.50	"	10.0		108	70-130			
Xylenes (total)	32.3	0.50	"	30.0		108	70-130			
Surrogate: a,a,a-Trifluorotoluene	11.2		"	10.0		112	70-130			

**LCS (1G03003-BS2)**

Prepared & Analyzed: 07/03/01

Purgeable Hydrocarbons	249	50	ug/l	250		99.6	70-130			
Surrogate: a,a,a-Trifluorotoluene	13.0		"	10.0		130	70-130			

**Matrix Spike (1G03003-MS1)**

Source: MKF0706-05

Prepared & Analyzed: 07/03/01

Benzene	9.81	0.50	ug/l	10.0	ND	98.1	60-140			
Toluene	10.5	0.50	"	10.0	ND	105	60-140			
Ethylbenzene	10.2	0.50	"	10.0	ND	102	60-140			
Xylenes (total)	31.0	0.50	"	30.0	ND	103	60-140			
Surrogate: a,a,a-Trifluorotoluene	11.1		"	10.0		111	70-130			

**Matrix Spike Dup (1G03003-MSD1)**

Source: MKF0706-05

Prepared & Analyzed: 07/03/01

Benzene	10.7	0.50	ug/l	10.0	ND	107	60-140	8.68	25	
Toluene	11.1	0.50	"	10.0	ND	111	60-140	5.56	25	
Ethylbenzene	10.5	0.50	"	10.0	ND	105	60-140	2.90	25	
Xylenes (total)	33.0	0.50	"	30.0	ND	110	60-140	6.25	25	
Surrogate: a,a,a-Trifluorotoluene	11.4		"	10.0		114	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: 07/13/01 10:37
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## 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 1G06002 - EPA 5030B [P/T]

#### Blank (1G06002-BLK1)

Prepared & Analyzed: 07/06/01

Purgeable Hydrocarbons	ND	10	ug/l							
Benzene	ND	0.10	"							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
Xylenes (total)	ND	0.10	"							
Methyl tert-butyl ether	ND	0.50	"							
Surrogate: a,a,a-Trifluorotoluene	1.82		"	2.00		91.0	70-130			

#### LCS (1G06002-BS1)

Prepared & Analyzed: 07/06/01

Benzene	1.81	0.10	ug/l	2.00		90.5	70-130			
Toluene	1.90	0.10	"	2.00		95.0	70-130			
Ethylbenzene	1.95	0.10	"	2.00		97.5	70-130			
Xylenes (total)	5.60	0.10	"	6.00		93.3	70-130			
Surrogate: a,a,a-Trifluorotoluene	1.95		"	2.00		97.5	70-130			

#### LCS (1G06002-BS2)

Prepared & Analyzed: 07/06/01

Purgeable Hydrocarbons	46.9	10	ug/l	50.0		93.8	70-130			
Surrogate: a,a,a-Trifluorotoluene	2.04		"	2.00		102	70-130			

#### Matrix Spike (1G06002-MS1)

Source: MKF0739-01

Prepared & Analyzed: 07/06/01

Purgeable Hydrocarbons	47.7	10	ug/l	50.0	ND	95.4	60-140			
Surrogate: a,a,a-Trifluorotoluene	2.25		"	2.00		112	70-130			

#### Matrix Spike Dup (1G06002-MSD1)

Source: MKF0739-01

Prepared & Analyzed: 07/06/01

Purgeable Hydrocarbons	44.5	10	ug/l	50.0	ND	89.0	60-140	6.94	25	
Surrogate: a,a,a-Trifluorotoluene	2.17		"	2.00		108	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:  
07/13/01 10:37

## 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 1G06003 - EPA 5030B [P/T]

#### Blank (1G06003-BLK1)

Prepared & Analyzed: 07/06/01

Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	10.0		"	10.0		100	70-130			

#### LCS (1G06003-BS1)

Prepared & Analyzed: 07/06/01

Benzene	9.32	0.50	ug/l	10.0		93.2	70-130			
Toluene	9.32	0.50	"	10.0		93.2	70-130			
Ethylbenzene	8.81	0.50	"	10.0		88.1	70-130			
Xylenes (total)	28.7	0.50	"	30.0		95.7	70-130			
Surrogate: a,a,a-Trifluorotoluene	10.2		"	10.0		102	70-130			

#### LCS (1G06003-BS2)

Prepared & Analyzed: 07/06/01

Purgeable Hydrocarbons	224	50	ug/l	250		89.6	70-130			
Surrogate: a,a,a-Trifluorotoluene	10.2		"	10.0		102	70-130			

#### Matrix Spike (1G06003-MS1)

Source: MKF0739-10

Prepared & Analyzed: 07/06/01

Benzene	9.25	0.50	ug/l	10.0	ND	92.5	60-140			
Toluene	9.51	0.50	"	10.0	ND	95.1	60-140			
Ethylbenzene	9.03	0.50	"	10.0	ND	90.3	60-140			
Xylenes (total)	28.9	0.50	"	30.0	ND	96.3	60-140			
Surrogate: a,a,a-Trifluorotoluene	10.2		"	10.0		102	70-130			

#### Matrix Spike Dup (1G06003-MSD1)

Source: MKF0739-10

Prepared & Analyzed: 07/06/01

Benzene	9.98	0.50	ug/l	10.0	ND	99.8	60-140	7.59	25	
Toluene	9.74	0.50	"	10.0	ND	97.4	60-140	2.39	25	
Ethylbenzene	9.05	0.50	"	10.0	ND	90.5	60-140	0.221	25	
Xylenes (total)	30.0	0.50	"	30.0	ND	100	60-140	3.74	25	
Surrogate: a,a,a-Trifluorotoluene	10.6		"	10.0		106	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:**  
07/13/01 10:37

## 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 1G07003 - EPA 5030B [P/T]

#### Blank (1G07003-BLK1)

Prepared & Analyzed: 07/07/01

Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	9.65		"	10.0		96.5	70-130			

#### LCS (1G07003-BS1)

Prepared & Analyzed: 07/07/01

Benzene	8.48	0.50	ug/l	10.0		84.8	70-130			
Toluene	9.06	0.50	"	10.0		90.6	70-130			
Ethylbenzene	9.04	0.50	"	10.0		90.4	70-130			
Xylenes (total)	26.8	0.50	"	30.0		89.3	70-130			
Surrogate: a,a,a-Trifluorotoluene	8.98		"	10.0		89.8	70-130			

#### LCS (1G07003-BS2)

Prepared & Analyzed: 07/07/01

Purgeable Hydrocarbons	222	50	ug/l	250		88.8	70-130			
Surrogate: a,a,a-Trifluorotoluene	13.4		"	10.0		134	70-130			S-02

#### Matrix Spike (1G07003-MS1)

Source: MKF0714-04

Prepared & Analyzed: 07/07/01

Purgeable Hydrocarbons	227	50	ug/l	250	ND	90.8	60-140			
Surrogate: a,a,a-Trifluorotoluene	11.3		"	10.0		113	70-130			

#### Matrix Spike Dup (1G07003-MSD1)

Source: MKF0714-04

Prepared & Analyzed: 07/07/01

Purgeable Hydrocarbons	223	50	ug/l	250	ND	89.2	60-140	1.78	25	
Surrogate: a,a,a-Trifluorotoluene	11.1		"	10.0		111	70-130			







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

**Reported:**  
07/13/01 10:37

**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 1G07004 - EPA 5030B [P/T]**

**Blank (1G07004-BLK1)**

Prepared & Analyzed: 07/07/01

Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	9.95		"	10.0		99.5	70-130			

**LCS (1G07004-BS1)**

Prepared & Analyzed: 07/07/01

Benzene	9.26	0.50	ug/l	10.0		92.6	70-130			
Toluene	9.71	0.50	"	10.0		97.1	70-130			
Ethylbenzene	10.1	0.50	"	10.0		101	70-130			
Xylenes (total)	28.7	0.50	"	30.0		95.7	70-130			
Surrogate: a,a,a-Trifluorotoluene	10.0		"	10.0		100	70-130			

**LCS (1G07004-BS2)**

Prepared & Analyzed: 07/07/01

Purgeable Hydrocarbons	248	50	ug/l	250		99.2	70-130			
Surrogate: a,a,a-Trifluorotoluene	10.3		"	10.0		103	70-130			

**Matrix Spike (1G07004-MS1)**

Source: MKF0739-03

Prepared & Analyzed: 07/07/01

Purgeable Hydrocarbons	246	50	ug/l	250	ND	98.4	60-140			
Surrogate: a,a,a-Trifluorotoluene	11.6		"	10.0		116	70-130			

**Matrix Spike Dup (1G07004-MSD1)**

Source: MKF0739-03

Prepared & Analyzed: 07/07/01

Purgeable Hydrocarbons	246	50	ug/l	250	ND	98.4	60-140	0.00	25	
Surrogate: a,a,a-Trifluorotoluene	11.3		"	10.0		113	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:**  
07/13/01 10:37

**MTBE Confirmation by EPA Method 8260B - Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1G10021 - EPA 5030B P/T</b>										
<b>Blank (1G10021-BLK1)</b>										
Prepared & Analyzed: 07/09/01										
Methyl tert-butyl ether	ND	1.0	ug/l							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	10.4		"	10.0		104	70-130			
<b>LCS (1G10021-BS1)</b>										
Prepared & Analyzed: 07/09/01										
Methyl tert-butyl ether	7.87	1.0	ug/l	10.0		78.7	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	10.7		"	10.0		107	70-130			
<b>Matrix Spike (1G10021-MS1)</b>										
Source: MKF0706-10 Prepared & Analyzed: 07/09/01										
Methyl tert-butyl ether	12.6	1.0	ug/l	10.0	3.9	87.0	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.94		"	10.0		99.4	70-130			
<b>Matrix Spike Dup (1G10021-MSD1)</b>										
Source: MKF0706-10 Prepared & Analyzed: 07/09/01										
Methyl tert-butyl ether	13.3	1.0	ug/l	10.0	3.9	94.0	70-130	5.41	25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	10.2		"	10.0		102	70-130			





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Project: Exxon  
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**Reported:**  
07/13/01 10:37

## Notes and Definitions

- A-01 MTBE was prepared on 7/6/01.
- M-03 Sample was analyzed at a second dilution.
- P-01 Chromatogram Pattern: Gasoline C6-C12
- P-03 Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
- 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

MH

Consultant's Name: ETIC Eng. Inc Page 1 of 3  
 Address: 2285 Morello Ave Pleasant Hill CA 94523 Site Location: 2991 Hopwood Rd  
 Project #: \_\_\_\_\_ Consultant Project #: VP3399.1 Consultant Work Release #: \_\_\_\_\_  
 Project Contact: Joe Muehleck Phone #: (425) 602-4710 Laboratory Work Release #: 21040445  
 EXXON Contact: Gene Ortega Phone #: (925) 246-8747 EXXON RAS #: 7-3399  
 Sampled by (print): Jake H. / Doug F. Sampler's Signature: \_\_\_\_\_  
 Shipment Method: \_\_\_\_\_ Air Bill #: \_\_\_\_\_  
 Site Location: Pleasanten CA

TAT:  24 hr  48 hr  72 hr  96 hr  Standard (10 day) ANALYSIS REQUIRED MKF0739

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	ANALYSIS REQUIRED			Temperature: _____	Inbound Seal: Yes No Outbound Seal: Yes No
							TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520		
MW-1	6/25/01	1435	H <sub>2</sub> O	H <sub>2</sub> O	6	01	X				
MW-4		1415			6	02	X				
MW-7		1745			6	03	X				
MW-8		1700			6	04	X				
MW-10		1345			6	05	X				
MW-11		1335			6	06	X				
MW-13		1115			6	07	X				
MW-14		0955			6	08	X				
MW-SD		1010			6	09	X				

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
<u>[Signature]</u>	6/25/01		<u>Mark L. / Sequoia</u>	6/27/01	1600	
<u>Mark L. / Sequoia</u>	6/27/01	1630	<u>Mike Groen</u>	6/27/01	1630	
<u>Gene Ortega</u>	6/28/01	1110	<u>[Signature]</u>	6/28/01	1110	
<u>[Signature]</u>	6/28/01	1110	<u>[Signature]</u>	6/28/01	1600	

Pink - Client  
Yellow - Sequoia  
White - Sequoia



Sequoia Analytical  
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

MH

Consultant's Name: ETIC Eng. Inc.

Address: 2285 Morello Ave Pleasant Hill CA 94523

Project #: \_\_\_\_\_ Consultant Project #: U83399.1

Project Contact: Joe Muehleck Phone #: (925) 602-4710

EXXON Contact: Gene Ortega Phone #: (925) 246-8747

Sampled by (print): Jake Henry/Doug F. Sampler's Signature: [Signature] Pleasanton CA

Shipment Method: \_\_\_\_\_ Air Bill #: \_\_\_\_\_

Site Location: 2991 Hayward Rd

Consultant Work Release #: \_\_\_\_\_

Laboratory Work Release #: 21040445

EXXON RAS #: 7-3399

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

ANALYSIS REQUIRED MKF0739

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	CONFIRM all metals by 8/26/01	Temperature:	
											Inbound Seal: Yes No	Outbound Seal: Yes No
1/MW-9A	6/25/01	1330	H <sub>2</sub> O	1x1	6	10	X			X		
MW-55		1025			6	11	X			X		
MW-12A					6	12	X			X		
PMW-2					6	13	X			X		
PMW-3					6	14	X			X		
PMW-5					6	15	X			X		
PMW-6					6	16	X			X		
PMW-4					6	17	X			X		
PMW-1					6	18	X			X		

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
<u>[Signature]</u>	6/25/01		<u>Mark Ball / Sequoia</u>	6/27/01	1600	
<u>[Signature]</u>	6-27-01	1630	<u>Mike Goin</u>	6/27/01	1630	
<u>SEQ-WC</u>	6/28/01	1110	<u>Jack Yoness</u>	6/28/01	1110	
				6/28	1600	

Pink - Client

Yellow - Sequoia

White - Sequoia



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**EXXON COMPANY, U.S.A.**

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

**CHAIN OF CUSTODY**

MH

Consultant's Name: <u>ETIC Eng. Inc</u>		Page <u>3</u> of <u>3</u>
Address: <u>2285 Morello Ave Pleasant Hill CA 94522</u>		Site Location: <u>2881 Hope yard</u>
Project #:	Consultant Project #: <u>UP3359.1</u>	Consultant Work Release #: <u>21040445</u>
Project Contact: <u>Joe Muelhech</u>	Phone #: <u>(925) 602-4710</u>	Laboratory Work Release #: <u>21040445</u>
EXXON Contact: <u>Gene Ortega</u>	Phone #: <u>(925) 246-8747</u>	EXXON RAS #: <u>7-3395</u>
Sampled by (print): <u>John Healy/Dave F</u>	Sampler's Signature: <u>[Signature]</u>	<u>Pleasanton, CA</u>
Shipment Method:	Air Bill #:	

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

**ANALYSIS REQUIRED**

MKFD739

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas	TPH/Diesel	TRPH S.M.	CONFIRM	Temperature:
							BTEX/8015/8020	EPA 8015	5520	all MET by 8260	
DW-2	6/25/01	1755	H <sub>2</sub> O	HE	6	19	X			X	Inbound Seal: Yes No Outbound Seal: Yes No

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
<u>[Signature]</u>	6/25/01		<u>[Signature]</u>	6/27/01	1600	
<u>[Signature]</u>	6-27-01	1630	<u>[Signature]</u>	6/27/01	1630	
<u>[Signature]</u> SEQ-WC	6/28/01	1110	<u>[Signature]</u>	6/28/01	1110	

Pink - Client  
Yellow - Sequoia  
White - Sequoia