

**ExxonMobil  
Refining and Supply Company**

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**Darin L. Rouse**  
Senior Engineer  
Environmental Remediation

ENVIRONMENTAL  
PROTECTION

00 SEP 26 PM 3: 00

**ExxonMobil**  
*Refining & Supply*

September 22, 2000

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

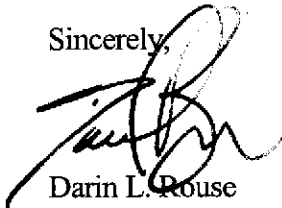
Subject: Exxon RAS #7-3399/2991 Hopyard Road, Pleasanton, California

Dear Mr. Seery:

Attached for your review and comment is a copy of the *Report of Groundwater Monitoring, Second Quarter 2000* for the above-referenced site. The report was prepared by ETIC Engineering, Inc. of Walnut Creek, California, and summarizes the results of the June 2000 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) 246-8768.

Sincerely,



Darin L. Rouse  
Senior Engineer

Attachment: ETIC Groundwater Monitoring Report dated September 2000

c: w/attachment:

Mr. Chuck Headlee – Regional Water Quality Control Board, San Francisco Bay Region  
Mr. Matthew Katen – Alameda County Flood Control and Water Conservation District (Zone 7)  
Mr. Stephen Cusenza – City of Pleasanton Public Works Department  
Mr. Thomas Elson – Luhdorff and Scalmanini Consulting Engineers

c: w/o attachment:

Ms. Christa Marting - ETIC Engineering, Inc.



**Report of Groundwater Monitoring  
Second Quarter 2000**

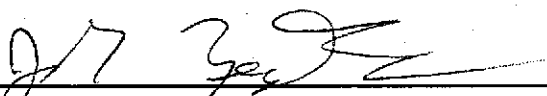
**Exxon Retail Site 7-3399  
2991 Hopyard Road  
Pleasanton, California**

Prepared for

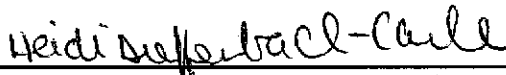
ExxonMobil Refining and Supply Company  
P.O. Box 4032  
2300 Clayton Road, Suite 1250  
Concord, California 94524-4032

Prepared by

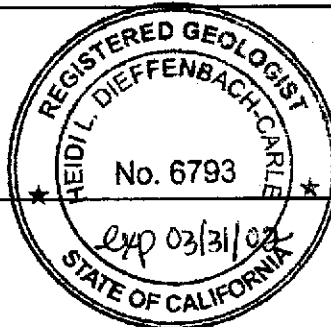
ETIC Engineering, Inc.  
144 Mayhew Way  
Walnut Creek, California 94596  
(925) 977-7914

  
Joseph T. Muehleck  
Project Manager

9/15/00  
Date

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

12 September 00  
Date



September 2000

## SITE CONTACTS

Site Name: Exxon Retail Site 7-3399

Site Address: 2991 Hopyard Road  
Pleasanton, California

ExxonMobil Project Manager: Darin L. Rouse  
ExxonMobil Refining and Supply Company  
P.O. Box 4032  
2300 Clayton Road, Suite 1250  
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(925) 246-8768

Consultant to ExxonMobil: ETIC Engineering, Inc.  
144 Mayhew Way  
Walnut Creek, California 94596  
(925) 977-7914

ETIC Project Manager: Joseph T. Muehleck

Regulatory Oversight: Scott Seery  
Alameda County Environmental Health Department  
1131 Harbor Bay Parkway  
Alameda, CA 94501-6577  
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Chuck Headlee  
California Regional Water Quality Control Board  
San Francisco Bay Region  
1515 Clay Street, Suite 1400  
Oakland, California 94612  
(510) 622-2300

Mr. Matthew Katen  
Alameda County Flood Control and Water  
Conservation District (Zone 7)  
5997 Parkside Drive  
Pleasanton, California 94588  
(925) 484-2600

Mr. Stephen Cusenza  
City of Pleasanton Public Works Department  
P.O. Box 520  
Pleasanton, California 94588  
(925) 931-5507

## 1. INTRODUCTION

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

On 28 June 2000, groundwater was monitored in wells MW1, MW4, MW5D, MW5S, MW7-MW11, PMW1-PMW6, VR1, VR2, OW1, and OW2 for liquid-phase hydrocarbons (LPH) with an optical interface probe. Groundwater samples were collected from wells MW1, MW4, MW5D, MW5S, MW7-MW11, PMW1-PMW5, VR1, VR2, OW1, and OW2, and 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). **There was insufficient water for sample collection in PMW6.**

## 2. SUMMARY OF RESULTS

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 28 June 2000 was to the east in the perched zone**, with a gradient of approximately 0.019 to 0.043 using wells PMW2-PMW5. **The groundwater flow direction 28 June 2000 was to the northwest at the water table (Zone 1)**, with a gradient of approximately 0.004 using MW5S, MW7, and MW10. **Wells MW5D and MW8 are screened in deeper zones for which a groundwater gradient could not be calculated.**

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 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. All samples were handled and transported under chain of custody.

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

Copies of the field documents are included as Appendix A. The laboratory analytical report and chain-of-custody documentation are included in Appendix B.

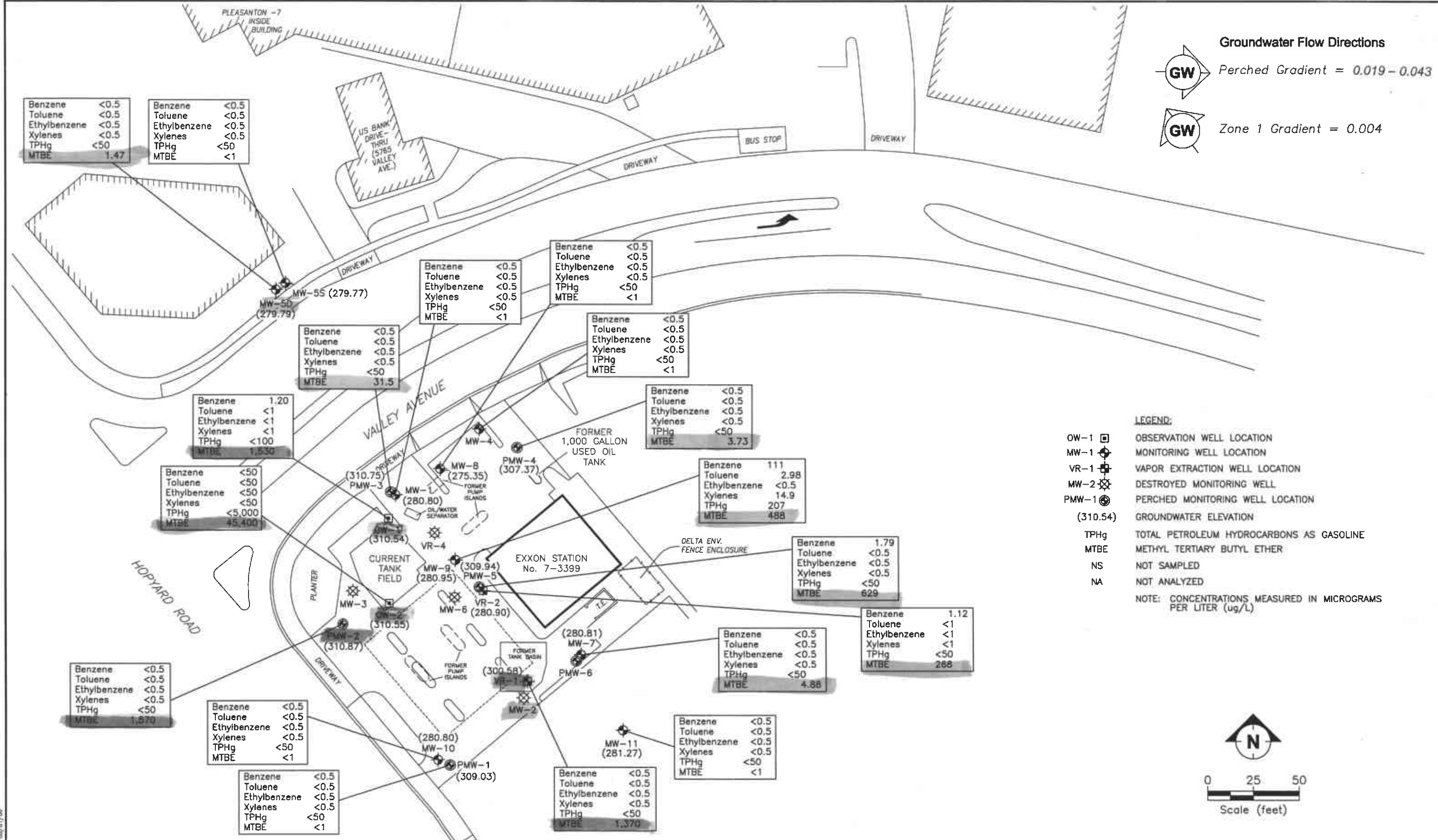
## 3. REMEDIATION SYSTEM

The vapor extraction and air systems in place at the site are currently not being operated. Remedial alternatives which more aggressively address source concentrations of hydrocarbons and MTBE are being evaluated.

#### **4. WORK PROPOSED FOR NEXT QUARTER**

Groundwater in monitoring wells will be gauged and sampled in September 2000. Groundwater samples will be analyzed for TPH-g, BTEX, and MTBE.

Three additional groundwater monitoring wells have been installed as proposed in the Addendum to Work Plan for Well Installation submitted in August 2000.



**Groundwater Flow Directions**

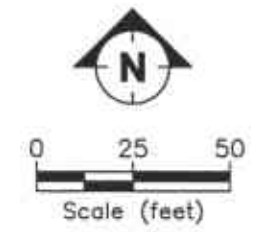
**GW** Perched Gradient = 0.019 - 0.043

**GW** Zone 1 Gradient = 0.004

**LEGEND:**

- OW-1 OBSERVATION WELL LOCATION
- MW-1 MONITORING WELL LOCATION
- VR-1 VAPOR EXTRACTION WELL LOCATION
- MW-2 DESTROYED MONITORING WELL
- PMW-1 PERCHED MONITORING WELL LOCATION
- (310.54) GROUNDWATER ELEVATION
- TPHg TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- MTBE METHYL TERTIARY BUTYL ETHER
- NS NOT SAMPLED
- NA NOT ANALYZED

NOTE: CONCENTRATIONS MEASURED IN MICROGRAMS PER LITER (ug/L)



**SITE PLAN SHOWING GROUNDWATER ELEVATIONS AND GROUNDWATER SAMPLE ANALYTICAL RESULTS**  
**EXXON RS 7-3399**  
**2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA**  
**28 JUNE 2000**

FIGURE:  
**1**

TABLE 1 GROUNDWATER MONITORING DATA, 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		36.34	285.10	0.00	NS	NS	NS	NS	NS	NS
	04/08/88		36.29	285.15	0.00	NS	NS	NS	NS	NS	NS
	04/19/88		36.36	285.08	0.00	NS	NS	NS	NS	NS	NS
	06/06/88		38.16	283.28	0.00	NS	NS	NS	NS	NS	NS
	06/23/88		38.71	282.73	0.00	NS	NS	NS	NS	NS	NS
	06/28/88		39.16	282.28	0.00	NS	NS	NS	NS	NS	NS
	07/06/88		39.73	281.71	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/13/88		40.22	281.22	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/12/88		NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/26/88		41.90	279.54	0.00	NS	NS	NS	NS	NS	NS
	09/07/88		42.27	279.17	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	12/07/88		43.94	277.50	0.00	NS	NS	NS	NS	NS	NS
	12/19/88		43.70	277.74	0.00	NS	NS	NS	NS	NS	NS
	02/09/89		42.53	278.91	0.00	NS	NS	NS	NS	NS	NS
	03/03/89		NM	NC	NM	1.6	<0.5	<0.5	<0.5	<20	NA
	03/08/89		41.96	279.48	0.00	NS	NS	NS	NS	NS	NS
	04/03/89		41.59	279.85	0.00	NS	NS	NS	NS	NS	NS
	04/26/89		41.67	279.77	0.00	NS	NS	NS	NS	NS	NS
	06/30/89		43.79	277.65	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/17/89		44.74	276.70	0.00	<0.5	<0.5	<0.5	<0.5	23	NA
	07/18/89		44.76	276.68	0.00	NS	NS	NS	NS	NS	NS
	07/19/89		44.82	276.62	0.00	NS	NS	NS	NS	NS	NS
	07/20/89		44.85	276.59	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/21/89		44.95	276.49	0.00	NS	NS	NS	NS	NS	NS
	07/26/89		45.42	276.02	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/02/89		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/03/89		46.18	275.26	0.00	NS	NS	NS	NS	NS	NS
	08/17/89		47.12	274.32	0.00	NS	NS	NS	NS	NS	NS
	09/13/89		49.08	272.36	0.00	39	0.6	<0.5	5.1	220	NA
	11/28/89		50.21	271.23	0.00	NS	NS	NS	NS	NS	NS
	12/20/89		NM	NC	NM	56	0.72	<0.5	0.71	220	NA

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

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



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

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

Monitoring Well	Date	Reference Elevation (feet)	Depth	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)
			to Water (feet)								
MW1	03/31/99	321.44	28.10	293.34	0.00	<0.5	<0.5	<0.5	<0.5	<50	124/131 <sup>t</sup>
	06/30/99		33.94	287.50	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	08/03/99		37.94	283.50	0.00	NS	NS	NS	NS	NS	NS
	09/24/99	320.52	44.92	275.60	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
	12/22/99		9.93	310.59	0.00	1.9	1.4	1.5	7.3	<50	990 <sup>f</sup>
	01/21/00		39.35	281.17	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
	04/04/00		34.70	285.82	0.00	<1	<1	<1	<1	<50	<1
	06/28/00		39.72	280.80	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
MW2	04/02/88	NM	NM	NC	0.25	NS	NS	NS	NS	NS	NS
	04/04/88		NM	NC	1.5	NS	NS	NS	NS	NS	NS
	04/05/88		NM	NC	1.5	NS	NS	NS	NS	NS	NS
	04/06/88		39.31	NC	3.2	NS	NS	NS	NS	NS	NS
	04/08/88		NM	NC	NM	NS	NS	NS	NS	NS	NS
	04/19/88		38.90	NC	2.48	NS	NS	NS	NS	NS	NS
	06/06/88		38.78	NC	0.26	NS	NS	NS	NS	NS	NS
	06/23/88		39.23	NC	0.13	NS	NS	NS	NS	NS	NS
	06/28/88		39.72	NC	NM	NS	NS	NS	NS	NS	NS
	07/06/88		40.31	NC	Slight sheen	25,700	18,500	2,900	21,400	62,000	NA
07/12/88		Well destroyed									
MW3	04/06/88	NM	37.19	NC	0.00	<0.5	<0.5	<0.5	<0.5	20	NA
	04/08/88		37.14	NC	0.00	NS	NS	NS	NS	NS	NS
	04/19/88		37.22	NC	0.00	NS	NS	NS	NS	NS	NS
	06/06/88		39.02	NC	0.00	NS	NS	NS	NS	NS	NS
	06/23/88		39.58	NC	0.00	NS	NS	NS	NS	NS	NS
	06/28/88		40.04	NC	0.00	NS	NS	NS	NS	NS	NS
	07/06/88		40.60	NC	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/13/88		41.09	NC	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/12/88		NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/26/88		42.77	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
08/29/88		Well destroyed									

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Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW4	04/08/88	321.56	36.41	285.15	0.00	NS	NS	NS	NS	NS	NS
	04/11/88		NM	NC	NM	1.8	16.3	0.6	7.1	80	NA
	04/19/88		36.51	285.05	0.00	NS	NS	NS	NS	NS	NS
	06/06/88		38.26	283.30	0.00	NS	NS	NS	NS	NS	NS
	06/23/88		38.83	282.73	0.00	NS	NS	NS	NS	NS	NS
	06/28/88		39.28	282.28	0.00	NS	NS	NS	NS	NS	NS
	07/06/88		39.85	281.71	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/13/88		40.31	281.25	0.00	<0.5	0.9	<0.5	<0.5	<20	NA
	08/12/88		NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/26/88		42.01	279.55	0.00	NS	NS	NS	NS	NS	NS
	09/07/88		NM	NC	NM	NS	NS	NS	NS	NS	NS
	12/07/88		NM	NC	NM	NS	NS	NS	NS	NS	NS
	12/19/88		43.83	277.73	0.00	NS	NS	NS	NS	NS	NS
	02/09/89		42.67	278.89	0.00	NS	NS	NS	NS	NS	NS
	03/08/89		42.11	279.45	0.00	3.8	1.0	<0.5	<0.5	440	NA
	04/03/89		41.73	279.83	0.00	NS	NS	NS	NS	NS	NS
	04/26/89		41.79	279.77	0.00	NS	NS	NS	NS	NS	NS
	06/30/89		43.88	277.68	0.00	<0.5	<0.5	<0.5	<0.5	100	NA
	07/17/89		44.85	276.71	0.00	<0.5	<0.5	<0.5	<0.5	390	NA
	07/18/89		44.88	276.68	0.00	NS	NS	NS	NS	NS	NS
	07/19/89		44.92	276.64	0.00	NS	NS	NS	NS	NS	NS
	07/20/89		44.98	276.58	0.00	<0.5	<0.5	<0.5	<0.5	200	NA
	07/21/89		45.04	276.52	0.00	NS	NS	NS	NS	NS	NS
	07/26/89		45.50	276.06	0.00	<0.5	<0.5	<0.5	<0.5	66	NA
	08/02/89		NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/03/89		46.28	275.28	0.00	NS	NS	NS	NS	NS	NS
	08/17/89		47.22	274.34	0.00	NS	NS	NS	NS	NS	NS
	09/13/89		49.19	272.37	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	11/28/89		50.34	271.22	0.00	NS	NS	NS	NS	NS	NS
	12/20/89		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	01/09/90		49.47	272.09	0.00	NS	NS	NS	NS	NS	NS

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

Monitoring Well	Date	Reference Elevation (feet)	Depth	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)
			to Water (feet)								
MW4	01/26/90	321.56	49.36	272.20	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		49.18 <sup>a</sup>	272.38	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		49.15	272.41	0.00	NS	NS	NS	NS	NS	NS
	03/26/90		48.84 <sup>a</sup>	272.72	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	03/26/90		48.83	272.73	0.00	NS	NS	NS	NS	NS	NS
	04/18/90		48.90	272.66	0.00	NS	NS	NS	NS	NS	NS
	05/17/90		50.03	271.53	0.00	NS	NS	NS	NS	NS	NS
	06/11/90		50.98	270.58	0.00	NS	NS	NS	NS	NS	NS
	07/30/90		53.57	267.99	0.00	NS	NS	NS	NS	NS	NS
	08/01/90		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/27/90		53.61	267.95	0.00	NS	NS	NS	NS	NS	NS
	09/28/90		53.57	267.99	0.00	NS	NS	NS	NS	NS	NS
	12/27/90		53.68	267.88	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/20/91		53.56	268.00	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	06/20/91		53.75	267.81	0.00	NS	NS	NS	NS	NS	NS
	09/12/91		53.70	267.86	0.00	NS	NS	NS	NS	NS	NS
	12/30/91		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	01/30/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	03/02/92		53.83	267.73	0.00	NS	NS	NS	NS	NS	NS
	03/24/92		53.73	267.83	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	04/14/92		53.76	267.80	0.00	NS	NS	NS	NS	NS	NS
	05/21/92		54.73	266.83	0.00	NS	NS	NS	NS	NS	NS
	06/08/92		53.80	267.76	0.00	NS	NS	NS	NS	NS	NS
	07/14/92		53.60	267.96	0.00	NS	NS	NS	NS	NS	NS
	08/10/92		53.71	267.85	0.00	NS	NS	NS	NS	NS	NS
	09/16/92		53.89	267.67	0.00	NS	NS	NS	NS	NS	NS
	10/07/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	12/10/92		53.83	267.73	0.00	57	34	11	200	600	NA
	01/26/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	02/16/93		53.64	267.92	0.00	NS	NS	NS	NS	NS	NS
	03/11/93		53.54	268.02	0.00	NS	NS	NS	NS	NS	NS

TABLE 1 GROUNDWATER MONITORING DATA, 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	04/12/93	321.56	53.62	267.94	0.00	20	10	22	80	360	NA
	06/01/93		53.52	268.04	0.00	NS	NS	NS	NS	NS	NS
	07/15/93		53.80	267.76	0.00	NS	NS	NS	NS	NS	NS
	08/15/93		53.65	267.91	0.00	NS	NS	NS	NS	NS	NS
	09/29/93		54.23	267.33	0.00	NS	NS	NS	NS	NS	NS
	09/30/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	10/28/93		53.54	268.25	0.00	NS	NS	NS	NS	NS	NS
	11/23/93		53.57	267.99	0.00	NS	NS	NS	NS	NS	NS
	11/24/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/10-11/94		53.64	267.92	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/04-05/94		53.54	268.02	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94 <sup>e</sup>		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94		52.96	268.60	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95		50.37	271.19	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95		44.86	276.70	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95		41.71	279.85	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.6
	11/30/95		39.95	281.61	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96		36.76	284.80	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96		35.19	286.37	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96		39.39	282.17	0.00	NS	NS	NS	NS	NS	NS
	11/18/96		39.42	282.14	0.00	NS	NS	NS	NS	NS	NS
	02/28/97		34.38	287.18	0.00	NS	NS	NS	NS	NS	NS
	05/23/97		34.66	286.90	0.00	NS	NS	NS	NS	NS	NS
	09/23/97		39.05	282.51	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/30/97		37.78	283.78	0.00	NS	NS	NS	NS	NS	NS
	03/24/98		NM	NC	NM	NS	NS	NS	NS	NS	NS
	06/15/98		30.32	291.24	0.00	NS	NS	NS	NS	NS	NS
	09/11/98		35.97	285.59	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/09/98		32.93	288.63	0.00	NS	NS	NS	NS	NS	NS
	03/31/99		29.71	291.85	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
	06/30/99		34.99	286.57	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.65/3.12 <sup>fb</sup>
	08/03/99		38.52	283.04	0.00	NS	NS	NS	NS	NS	NS

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

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW4	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		NM	NC	NM	NS	NS	NS	NS	NS	NS
	04/04/00		NM	NC	NM	NS	NS	NS	NS	NS	NS
	06/28/00		NM	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
MW5S	05/25/88	321.64	38.46	283.18	0.00	<0.5	0.9	<0.5	<0.5	<20	NA
	06/06/88		38.86	282.78	0.00	NS	NS	NS	NS	NS	NS
	06/23/88		39.52	282.12	0.00	NS	NS	NS	NS	NS	NS
	06/28/88		39.84	281.80	0.00	NS	NS	NS	NS	NS	NS
	07/06/88		40.45	281.19	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/13/88		40.90	280.74	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/22/88		41.30	280.34	0.00	0.9	4.1	1.3	8.7	50	NA
	08/05/88		23.84 <sup>b</sup>	297.80	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/12/88		42.21	279.43	0.00	NS	NS	NS	NS	NS	NS
	08/26/88		42.55	279.09	0.00	NS	NS	NS	NS	NS	NS
	09/07/88		42.94	278.70	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	12/07/88		44.67	276.97	0.00	NS	NS	NS	NS	NS	NS
	02/09/89		43.19	278.45	0.00	NS	NS	NS	NS	NS	NS
	03/08/89		42.11	279.53	0.00	<0.5	<0.5	<0.5	<1.0	<20	NA
	04/26/89		41.84	279.80	0.00	NS	NS	NS	NS	NS	NS
	06/30/89		43.95	277.69	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/17/89		44.91	276.73	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/18/89		44.93	276.71	0.00	NS	NS	NS	NS	NS	NS
	07/19/89		44.98	276.66	0.00	NS	NS	NS	NS	NS	NS
	07/20/89		45.02	276.62	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/21/89		45.10	276.54	0.00	NS	NS	NS	NS	NS	NS
	07/26/89		45.57	276.07	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/02/89		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
08/03/89	46.31	275.33	0.00	NS	NS	NS	NS	NS	NS		
08/17/89	47.25	274.39	0.00	NS	NS	NS	NS	NS	NS		
09/13/89	49.22	272.42	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA		
11/28/89	50.39	271.25	0.00	NS	NS	NS	NS	NS	NS		

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

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW5S	12/20/89	321.64	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	01/09/90		49.51	272.13	0.00	NS	NS	NS	NS	NS	NS
	01/26/90		49.40	272.24	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		49.20 <sup>a</sup>	272.44	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		49.20	272.44	0.00	NS	NS	NS	NS	NS	NS
	03/26/90		48.89 <sup>a</sup>	272.75	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	03/26/90		48.88	272.76	0.00	NS	NS	NS	NS	NS	NS
	04/18/90		48.95	272.69	0.00	NS	NS	NS	NS	NS	NS
	05/17/90		50.06	271.58	0.00	NS	NS	NS	NS	NS	NS
	06/11/90		50.98	270.66	0.00	NS	NS	NS	NS	NS	NS
	07/30/90		53.40	268.24	0.00	NS	NS	NS	NS	NS	NS
	08/01/90		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/27/90		53.60	268.04	0.00	NS	NS	NS	NS	NS	NS
	09/28/90		53.55	268.09	0.00	NS	NS	NS	NS	NS	NS
	12/27/90		53.61	268.03	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/20/91		53.56	268.08	0.00	NS	NS	NS	NS	NS	NS
	06/20/91		53.73	267.91	0.00	NS	NS	NS	NS	NS	NS
	09/12/91		53.78	267.86	0.00	NS	NS	NS	NS	NS	NS
	12/30/91		53.80	267.84	0.00	NS	NS	NS	NS	NS	NS
	01/30/92		53.82	267.82	0.00	NS	NS	NS	NS	NS	NS
	03/02/92		53.82	267.82	0.00	NS	NS	NS	NS	NS	NS
	04/14/92		53.74	267.90	0.00	NS	NS	NS	NS	NS	NS
	05/21/92		53.77	267.87	0.00	NS	NS	NS	NS	NS	NS
	06/08/92		53.81	267.83	0.00	NS	NS	NS	NS	NS	NS
	07/14/92		53.74	267.90	0.00	NS	NS	NS	NS	NS	NS
	08/10/92		53.78	267.86	0.00	NS	NS	NS	NS	NS	NS
	09/16/92		53.90	267.74	0.00	NS	NS	NS	NS	NS	NS
	10/07/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92		53.87	267.77	0.00	NS	NS	NS	NS	NS	NS
	12/10/92		53.78	267.86	0.00	NS	NS	NS	NS	NS	NS
	01/26/93		53.38	268.26	0.00	NS	NS	NS	NS	NS	NS
	02/16/93		53.44	268.20	0.00	NS	NS	NS	NS	NS	NS

TABLE 1 GROUNDWATER MONITORING DATA, 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)
MW55	03/11/93	321.64	53.28	268.36	0.00	NS	NS	NS	NS	NS	NS
	04/12/93		53.42	268.22	0.00	11	5.9	13	48	220	NA
	06/01/93		53.56	268.08	0.00	NS	NS	NS	NS	NS	NS
	07/15/93		53.00	268.64	0.00	NS	NS	NS	NS	NS	NS
	08/15/93		53.60	268.04	0.00	NS	NS	NS	NS	NS	NS
	09/29/93		53.62	268.02	0.00	NS	NS	NS	NS	NS	NS
	09/30/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	10/28/93		54.62	267.02	0.00	NS	NS	NS	NS	NS	NS
	11/23/93		53.62	268.02	0.00	NS	NS	NS	NS	NS	NS
	03/10-11/94		53.61	268.03	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/04-05/94		53.52	268.12	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94 <sup>c</sup>		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94		53.05	268.59	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95		50.55	271.09	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95		44.96	276.68	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95		41.77	279.87	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95		39.95	281.69	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96		36.80	284.84	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96		35.28	286.36	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96		39.46	282.18	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	11/18/96		39.47	282.17	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	02/28/97		34.44	287.20	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	05/23/97		34.72	286.92	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/23/97		39.09	282.55	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/30/97		37.83	283.81	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/24/98		32.76	288.88	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	06/15/98		30.46	291.18	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/11/98		36.04	285.60	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/09/98		33.00	288.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
	03/31/99		29.20	292.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0



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

Monitoring Well	Date	Reference Elevation (feet)	Depth to Groundwater		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)
			Water (feet)	Elevation (feet)							
MW5S	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		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		42.05	278.47	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
	04/04/00		35.91	284.61	0.00	<1	<1	<1	<1	<50	<1
	06/28/00		40.75	279.77	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
MW5D	05/25/88	321.79	38.55	283.24	0.00	<0.5	3.1	<0.5	<0.5	<20	NA
	06/06/88		38.90	282.89	0.00	NS	NS	NS	NS	NS	NS
	06/23/88		39.56	282.23	0.00	NS	NS	NS	NS	NS	NS
	06/28/88		40.23	281.56	0.00	NS	NS	NS	NS	NS	NS
	07/06/88		40.69	281.10	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/13/88		41.22	280.57	0.00	<0.5	<0.5	<0.5	<0.5	40	NA
	08/12/88		42.34	279.45	0.00	NS	NS	NS	NS	NS	NS
	08/26/88		42.60	279.19	0.00	NS	NS	NS	NS	NS	NS
	09/07/88		42.99	278.80	0.00	NS	NS	NS	NS	NS	NS
	12/07/88		44.58	277.21	0.00	NS	NS	NS	NS	NS	NS
	02/09/89 <sup>c</sup>		NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/08/89 <sup>d</sup>		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	03/08/89		42.49	279.30	0.00	NS	NS	NS	NS	NS	NS
	04/03/89		42.21	279.58	0.00	NS	NS	NS	NS	NS	NS
	04/26/89		42.36	279.43	0.00	NS	NS	NS	NS	NS	NS
	06/30/89		44.79	277.00	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/17/89		45.73	276.06	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/18/89		45.75	276.04	0.00	NS	NS	NS	NS	NS	NS
	07/19/89		44.89	276.90	0.00	NS	NS	NS	NS	NS	NS
	07/20/89		46.02	275.77	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/21/89		46.18	275.61	0.00	NS	NS	NS	NS	NS	NS
07/26/89		46.83	274.96	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA	
08/02/89		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA	
08/03/89		47.67	274.12	0.00	NS	NS	NS	NS	NS	NS	
08/17/89		48.27	273.52	0.00	NS	NS	NS	NS	NS	NS	

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

Monitoring Well	Date	Reference Elevation (feet)	Depth		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)
			to Water (feet)									
MW5D	09/13/89	321.79	50.60		271.19	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	11/28/89		51.16		270.63	0.00	NS	NS	NS	NS	NS	NS
	12/20/89		NM		NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	01/09/90		50.42		271.37	0.00	NS	NS	NS	NS	NS	NS
	01/26/90		50.10		271.69	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		50.08		271.71	0.00	NS	NS	NS	NS	NS	NS
	03/26/90		49.80 <sup>f</sup>		271.99	0.00	NS	NS	NS	NS	NS	NS
	03/26/90		49.77		272.02	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	04/18/90		49.80		271.99	0.00	NS	NS	NS	NS	NS	NS
	05/17/90		51.32		270.47	0.00	NS	NS	NS	NS	NS	NS
	06/11/90		52.10		269.69	0.00	NS	NS	NS	NS	NS	NS
	07/30/90		53.47		268.32	0.00	NS	NS	NS	NS	NS	NS
	08/01/90		NM		NM	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/27/90		58.24		263.55	0.00	NS	NS	NS	NS	NS	NS
	09/29/90		60.70		261.09	0.00	NS	NS	NS	NS	NS	NS
	12/27/90		62.52		259.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/20/91		59.18		262.61	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	06/20/91		65.02		256.77	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/12/91		DRY		DRY	NM	NS	NS	NS	NS	NS	NS
	12/30/91		DRY		DRY	NM	NS	NS	NS	NS	NS	NS
	01/30/92		DRY		DRY	NM	NS	NS	NS	NS	NS	NS
	03/02/92		DRY		DRY	NM	NS	NS	NS	NS	NS	NS
	03/24/92		74.98		246.81	0.00	NS	NS	NS	NS	NS	NS
	04/14/92		74.42		247.37	0.00	NS	NS	NS	NS	NS	NS
	05/21/92		75.67		246.12	0.00	NS	NS	NS	NS	NS	NS
	06/08/92		NM		NC	Dry	NS	NS	NS	NS	NS	NS
	07/14/92		NM		NC	Dry	NS	NS	NS	NS	NS	NS
	08/10/92		NM		NC	Dry	NS	NS	NS	NS	NS	NS
	09/16/92		NM		NC	Dry	NS	NS	NS	NS	NS	NS
	10/07/92		NM		NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92		NM		NC	Dry	NS	NS	NS	NS	NS	NS
	12/10/92		NM		NC	Dry	NS	NS	NS	NS	NS	NS

TABLE 1 GROUNDWATER MONITORING DATA, 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	01/26/93	321.79	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	02/16/93		76.47	245.32	0.00	NS	NS	NS	NS	NS	NS
	03/11/93		74.03	247.76	0.00	NS	NS	NS	NS	NS	NS
	04/12/93		70.96	250.83	0.00	1.0	1.0	2.5	7.4	<50	NA
	06/01/93		67.64	254.15	0.00	NS	NS	NS	NS	NS	NS
	07/15/93		54.40	267.39	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/15/93		67.85	253.94	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/29/93		67.62	254.17	0.00	NS	NS	NS	NS	NS	NS
	09/30/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	10/28/93		66.15	255.49	0.00	NS	NS	NS	NS	NS	NS
	11/23/93		64.80	256.84	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/10-11/94		59.10	262.69	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/04-05/94		55.66	265.13	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94 <sup>c</sup>		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94		54.36	268.74	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95		51.20	270.59	0.00	NS	NS	NS	NS	NS	NS
	05/09/95		45.49	276.30	0.00	NS	NS	NS	NS	NS	NS
	05/12/95		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95		42.35	279.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95		43.60	278.19	0.00	5.4	10	1.4	12	77	<5.0
	03/28/96		37.12	284.67	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96		35.67	286.12	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96		40.22	281.57	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	11/18/96		39.89	281.90	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	02/28/97		34.75	287.04	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	02/28/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Rinseate	02/28/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	05/23/97		35.21	286.58	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	05/23/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Rinseate	05/23/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5

TABLE 1 GROUNDWATER MONITORING DATA, 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	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		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Rinseate	09/23/97		NM	NC	NM	<0.5	1.5	<0.5	<0.5	<50	3.0
	12/30/97		38.30	283.49	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
Duplicate	12/30/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
Rinseate	12/30/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/24/98		32.77	289.02	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	06/15/98		30.69	291.10	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	06/15/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/11/98		36.68	285.11	0.00	<0.5	<0.5	<0.5	<0.5	<50	33
Duplicate	09/11/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	35
	10/28/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
	12/09/98		32.70	289.09	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
Duplicate	12/09/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
Rinseate	12/09/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
	03/31/99		28.91	292.88	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
Duplicate	03/31/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0
	06/30/99		35.90	289.89	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	06/30/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	3.3/<0.5 <sup>th</sup>
Rinseate	06/30/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	08/03/99		40.39	281.40	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
Duplicate	08/03/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
	09/24/99		44.25	277.54	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
Duplicate	09/24/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
Rinseate	09/24/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
	12/22/99		38.51	283.28	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
Duplicate	12/22/99		NM	NC	NM	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
	04/04/00		30.05	291.74	0.00	<1	<1	<1	<1	<50	<1
	06/28/00		42.00	279.79	0.00	<0.5	<0.5	<0.5	<0.5	<50	1.47 <sup>f</sup>
MW6	05/11/88	NM	37.31	NC	0.00	NS	NS	NS	NS	NS	NS
	05/17/88		NM	NM	NM	<0.5	<0.5	<0.5	<0.5	<20	NA

TABLE 1 GROUNDWATER MONITORING DATA, 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)
MW6	06/06/88	NM	38.70	NC	0.00	NS	NS	NS	NS	NS	NS
	06/23/88		39.23	NC	0.00	NS	NS	NS	NS	NS	NS
	06/28/88		39.74	NC	0.00	31.8	7.5	5.4	6.7	440	NA
	07/13/88		40.78	NC	0.00	162.3	7.7	22.5	14.1	290	NA
	08/05/88		41.72	NC	0.00	245	5.2	47.1	23.7	1,180	NA
	08/12/88		42.14	NC	0.00	NS	NS	NS	NS	NS	NS
	08/17/88		NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/26/88		42.51	NC	0.00	NS	NS	NS	NS	NS	NS
	09/07/88		42.85	NC	0.00	474	16	262	136	2,920	NA
	10/24/88		Well destroyed								
MW7	07/13/88	321.27	40.50	280.77	0.00	860	1,910	710	4,420	16,700	NA
	07/22/88		41.85 <sup>a</sup>	279.42	0.00	136	85	5	58	460	NA
	08/05/88		41.45 <sup>a</sup>	279.82	0.00	73.3	52.8	2.3	28.1	270	NA
	08/12/88		42.69	278.58	NM	NS	NS	NS	NS	NS	NS
	09/07/88		42.60	278.67	NM	NS	NS	NS	NS	NS	NS
	12/07/88		NM	NC	NM	NS	NS	NS	NS	NS	NS
	01/17/89		43.20	278.07	NM	NS	NS	NS	NS	NS	NS
	02/09/89		NM	NC	NM	600	688	10	448	6,700	NA
	06/30/89		NM	NC	NM	180	50	13	40	1,100	NA
	08/02/89		NM	NC	NM	1.6	<0.5	<0.5	0.6	31	NA
	09/13/89		NM	NC	NM	<0.5	2.6	<0.5	12	87	NA
	10/12/89		49.93	271.34	0.00	NS	NS	NS	NS	NS	NS
	11/28/89		57.61 <sup>a</sup>	263.66	0.00	NS	NS	NS	NS	NS	NS
	12/20/89		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	01/09/90		57.57 <sup>a</sup>	263.70	0.00	NS	NS	NS	NS	NS	NS
	01/26/90		57.54 <sup>a</sup>	263.73	0.00	NS	NS	NS	NS	NS	NS
	01/26/90		49.08	272.19	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		55.26 <sup>a</sup>	266.01	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		48.93	272.34	0.00	NS	NS	NS	NS	NS	NS
	03/26/90		57.52 <sup>a</sup>	263.75	0.00	NS	NS	NS	NS	NS	NS
03/26/90	48.60	272.67	0.00	NS	NS	NS	NS	NS	NS		

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

Monitoring Well	Date	Reference Elevation (feet)	Depth	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)
			to Water (feet)								
MW7	04/18/90	321.27	57.55 <sup>a</sup>	263.72	0.00	NS	NS	NS	NS	NS	NS
	05/17/90		57.40 <sup>a</sup>	263.87	0.00	NS	NS	NS	NS	NS	NS
	06/11/90		50.68	270.59	0.00	NS	NS	NS	NS	NS	NS
	07/30/90		NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/27/90		53.05	268.22	0.00	NS	NS	NS	NS	NS	NS
	09/28/90		NM	NC	NM	NS	NS	NS	NS	NS	NS
	12/27/90		NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/20/91		54.11	267.16	0.00	NS	NS	NS	NS	NS	NS
	06/20/91		55.14	266.13	0.00	<0.5	1.8	0.6	4.1	74	NA
	09/12/91		55.84	265.43	0.00	3.5	<0.5	1.7	6.8	<50	NA
	12/30/91		55.21	266.06	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	01/30/92		54.88	266.39	0.00	NS	NS	NS	NS	NS	NS
	03/02/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/24/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	04/14/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	05/21/92		53.36	267.91	0.00	NS	NS	NS	NS	NS	NS
	06/08/92		54.20	267.07	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	07/14/92		53.31	267.96	0.00	NS	NS	NS	NS	NS	NS
	08/10/92		54.01	267.26	0.00	NS	NS	NS	NS	NS	NS
	09/16/92		55.97	265.30	0.00	NS	NS	NS	NS	NS	NS
	10/07/92		56.09	265.18	0.00	NS	NS	NS	NS	NS	NS
	11/09/92		54.16	267.11	0.00	NS	NS	NS	NS	NS	NS
	12/10/92		56.02	265.25	0.00	NS	NS	NS	NS	NS	NS
	01/26/93		56.15	265.12	0.00	NS	NS	NS	NS	NS	NS
	02/16/93		56.23	265.04	0.00	28	30	17	200	600	NA
	03/11/93		55.82	265.45	0.00	NS	NS	NS	NS	NS	NS
	04/12/93		55.45	265.82	0.00	NS	NS	NS	NS	NS	NS
	06/01/93		54.90	266.37	0.00	NS	NS	NS	NS	NS	NS
	07/15/93		54.50	266.77	0.00	NS	NS	NS	NS	NS	NS
	08/15/93		54.25	267.02	0.00	NS	NS	NS	NS	NS	NS
	09/29/93		54.55	266.72	0.00	NS	NS	NS	NS	NS	NS
	09/30/93		NM	NC	NM	NS	NS	NS	NS	NS	NS

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

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW7	10/28/93	321.27	54.94	266.92	0.00	NS	NS	NS	NS	NS	NS
	11/23/93		54.73	266.54	0.00	NS	NS	NS	NS	NS	NS
	11/24/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/10-11-94		52.83	268.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/04-05/94		52.77	268.50	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94 <sup>e</sup>		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94		52.74	268.53	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95		50.05	271.22	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95		44.61	276.66	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95		41.40	279.87	0.00	<0.5	<0.5	<0.5	<0.5	<50	4.1
	11/30/95		39.64	281.63	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96		36.42	284.85	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96		34.87	286.40	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96		39.11	282.16	0.00	NS	NS	NS	NS	NS	NS
	11/18/96		39.10	282.17	0.00	NS	NS	NS	NS	NS	NS
	02/28/97		34.03	287.24	0.00	NS	NS	NS	NS	NS	NS
	05/23/97		34.36	286.91	0.00	NS	NS	NS	NS	NS	NS
	09/23/97		38.66	282.61	0.00	<0.5	<0.5	<0.5	<0.5	<50	4.4
	12/30/97		37.45	283.82	0.00	NS	NS	NS	NS	NS	NS
	03/24/98		NM	NC	NM	NS	NS	NS	NS	NS	NS
	06/15/98		30.05	291.22	0.00	NS	NS	NS	NS	NS	NS
	09/11/98		35.63	285.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/09/98		21.54	299.73	NM	NS	NS	NS	NS	NS	NS
	03/31/99		28.84	292.43	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
	06/30/99		34.68	286.59	0.00	5.96	<0.5	<0.5	<0.5	<50	<2.5
	08/03/99		38.22	283.05	0.00	NS	NS	NS	NS	NS	NS
09/24/99		42.59	278.68	0.00	<0.5	<0.5	<0.5	<0.5	<50	11.7 <sup>f</sup>	
12/22/99		41.69	279.58	0.00	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0 <sup>f</sup>	
04/04/00		35.45	285.82	0.00	<1	<1	<1	<1	<50	<1	
<b>06/28/00</b>			<b>40.46</b>	<b>280.81</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>4.88<sup>f</sup></b>
MW8	10/01/89	321.86	53.88	267.98	0.00	NS	NS	NS	NS	NS	NS

TABLE 1 GROUNDWATER MONITORING DATA, 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	10/03/89	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	11/28/89		53.74	268.12	0.00	NS	NS	NS	NS	NS	NS
	12/20/89		NM	NC	NM	<0.5	<0.5	<0.5	0.61	<20	NA
	01/09/90		57.90	263.96	0.00	NS	NS	NS	NS	NS	NS
	01/26/90		53.57	268.29	0.00	NS	NS	NS	NS	NS	NS
	01/31/90		NM	NC	NM	<0.5	<0.5	<0.5	0.87	<20	NA
	02/09/90		NM	NC	NM	<0.5	<0.5	<0.5	1.1	<20	NA
	(Blank)		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	02/23/90		52.16	269.70	0.00	NS	NS	NS	NS	NS	NS
	03/26/90		52.80 <sup>a</sup>	269.06	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	(Blank)		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	04/18/90		51.60	270.26	0.00	<0.5	0.58	<0.5	1.1	<20	NA
	05/17/90		58.21	263.65	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	06/11/90		58.65	263.21	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
	07/30/90		64.33	257.53	0.00	NS	NS	NS	NS	NS	NS
	08/01/90		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
	08/27/90		70.41	251.45	0.00	<0.5	<0.5	<0.5	0.5	<20	NA
	09/28/90		71.93	249.93	0.00	<0.5	<0.5	<0.5	0.5	<50	NA
	12/27/90		66.60	255.26	0.00	<0.5	<0.5	<0.5	0.6	<50	NA
	03/20/91		60.75	261.11	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	06/20/91		88.77	233.09	0.00	<0.5	<0.5	<0.5	0.6	<50	NA
	09/12/91		103.17	218.69	0.00	NS	NS	NS	NS	NS	NS
	10/14/91		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	12/30/91		81.15	240.71	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	01/30/92		81.69	240.17	0.00	NS	NS	NS	NS	NS	NS
	03/02/92		78.45	243.41	0.00	NS	NS	NS	NS	NS	NS
	03/24/92		76.55	245.31	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	04/14/92		75.56	246.30	0.00	NS	NS	NS	NS	NS	NS
	05/21/92		86.99	234.87	0.00	NS	NS	NS	NS	NS	NS
	06/08/92		91.69	230.17	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	07/14/92		94.65	227.21	0.00	NS	NS	NS	NS	NS	NS
	08/10/92		95.02	226.84	0.00	NS	NS	NS	NS	NS	NS



TABLE 1 GROUNDWATER MONITORING DATA, 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	09/16/92	321.86	91.90	229.96	0.00	<0.5	0.9	<0.5	<0.5	<50	NA
	10/07/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92		84.35	237.51	0.00	NS	NS	NS	NS	NS	NS
	12/10/92		82.20	239.66	0.00	<0.5	0.6	<0.5	<0.5	<50	NA
	01/26/93		78.63	243.23	0.00	NS	NS	NS	NS	NS	NS
	02/16/93		76.90	244.96	0.00	0.7	0.6	<0.5	2.3	<50	NA
	03/11/93		74.39	247.47	0.00	NS	NS	NS	NS	NS	NS
	04/12/93		71.20	250.66	0.00	26	7.3	11	38	230	NA
	06/01/93		68.04	253.82	0.00	NS	NS	NS	NS	NS	NS
	07/15/93		78.05	243.81	0.00	NS	NS	NS	NS	NS	NS
	08/15/93		78.45	243.41	0.00	NS	NS	NS	NS	NS	NS
	09/29/93		73.64	248.22	0.00	NS	NS	NS	NS	NS	NS
	09/30/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	10/28/93		67.53	253.91	0.00	NS	NS	NS	NS	NS	NS
	11/23/93		64.68	256.76	0.00	NS	NS	NS	NS	NS	NS
	11/24/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/10-11/94		59.26	262.60	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/04-05/94		56.84	265.02	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/01/94 <sup>c</sup>		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94		55.47	266.39	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95		52.00	269.86	0.00	NS	NS	NS	NS	NS	NS
	05/09/95		46.60	275.26	0.00	NS	NS	NS	NS	NS	NS
	05/12/95		NM	NC	NM	2.3	1.2	2.0	7.4	<50	NA
	08/21/95		43.86	278.00	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95		41.25	280.61	0.00	<0.5	<0.5	0.69	2.7	<50	<5.0
	03/28/96		37.71	284.15	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96		36.71	285.15	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96		42.80	279.06	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	11/18/96		40.78	281.08	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	02/28/97		35.14	286.72	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	02/28/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Rinseate	02/28/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5

TABLE 1 GROUNDWATER MONITORING DATA, 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	05/23/97	321.86	36.41	285.45	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	05/23/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Rinseate	05/23/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/23/97		41.22	280.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	09/23/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Rinseate	09/23/09		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/30/97		39.81	282.05	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
Duplicate	12/30/97		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
Rinseate	12/30/97		NM	NC	NM	<0.5	0.52	<0.5	<0.5	<50	3.2 <sup>f</sup>
	03/24/98		31.46	290.40	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	06/15/98		31.43	290.43	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
Duplicate	06/15/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	09/11/98		38.73	283.13	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	09/11/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/09/98		28.96	292.90	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
Duplicate	12/09/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
Rinseate	12/09/98		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
	03/31/99		25.05	296.81	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
Duplicate	03/31/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0
Rinseate	03/31/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0
	06/30/99		42.62	279.24	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
Duplicate	06/30/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	13.1/1.18 <sup>fh</sup>
Rinseate	06/30/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	08/03/99		51.59	270.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	0.672 <sup>f</sup>
Duplicate	08/03/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	0.659 <sup>f</sup>
Rinseate	08/03/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
	09/24/99		50.95	270.91	0.00	<0.5	<0.5	<0.5	<0.5	<50	0.777 <sup>f</sup>
Duplicate	09/24/99		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	0.776 <sup>f</sup>
	12/22/99		38.59	283.27	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
Duplicate	12/22/99		NM	NC	NM	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
Rinseate	12/22/99		NM	NC	NM	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
	04/04/00		36.21	285.65	0.00	<1	<1	<1	<1	<50	3.3/<5 <sup>f</sup>

TABLE 1 GROUNDWATER MONITORING DATA, 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	06/28/00	321.86	46.51	275.35	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
MW9	10/03/89	321.44	NM	NC	NM	1,000	9,200	3,000	13,000	89,000	NA
	10/12/89		50.24	271.20	0.00	NS	NS	NS	NS	NS	NS
	11/28/89		50.59	270.85	0.10	NS	NS	NS	NS	NS	NS
	12/01/89		50.32	271.12	0.02	NS	NS	NS	NS	NS	NS
	12/07/89		50.13	271.31	0.16	NS	NS	NS	NS	NS	NS
	12/13/89		49.91	271.53	Slight Sheen	NS	NS	NS	NS	NS	NS
	12/20/89		49.78	271.66	Slight Sheen	6,300	31,000	9,500	55,000	190,000	NA
	01/02/90		NM	NC	NM	NS	NS	NS	NS	NS	NS
	01/09/90		49.39	272.05	Slight Sheen	NS	NS	NS	NS	NS	NS
	01/25/90		NM	NC	NM	2,400	9,400	2,700	15,000	77,000	NA
	01/26/90		49.30	272.14	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		49.06 <sup>a</sup>	272.38	0.00	1,200	7,100	2,300	14,000	97,000	NA
	02/23/90		49.05	272.39	0.00	NS	NS	NS	NS	NS	NS
	03/26/90		48.75 <sup>a</sup>	272.69	0.00	1,800	7,700	2,000	11,000	89,000	NA
	03/26/90		48.73	272.71	Slight sheen	NS	NS	NS	NS	NS	NS
	04/18/90		48.81	272.63	0.00	2,000	7,500	2,500	16,000	110,000	NA
	05/17/90		49.96	271.48	0.00	1,500	5,700	2,300	14,000	81,000	NA
	06/11/90		51.58	269.86	0.00	NS	NS	NS	NS	NS	NS
	06/20/90		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	430	NA
	07/30/90		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	08/27/90		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	09/28/90		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	12/27/90		NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/20/91		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	06/20/91		49.63	271.81	NM	NS	NS	NS	NS	NS	NS
	09/12/91		NM	NC	NM	NS	NS	NS	NS	NS	NS
	12/30/91		NM	NC	NM	NS	NS	NS	NS	NS	NS
	01/30/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/02/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	03/24/92		NM	NC	NM	NS	NS	NS	NS	NS	NS

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

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW9	04/14/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
	05/21/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	06/08/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	07/14/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	08/10/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	09/16/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	10/07/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	12/10/92		NM	NC	NM	NS	NS	NS	NS	NS	NS
	01/26/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	02/16/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	03/11/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	04/12/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	06/01/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	07/15/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	08/15/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	09/29/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	10/28/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/23/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	03/10-11/94		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	05/04-05/94		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/16/94		52.62	268.82	0.00	NS	NS	NS	NS	NS	NS
	02/15/95		49.76	271.68	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95		44.30	277.14	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95		41.11	280.33	0.00	270	51	5.2	140	1,100	<25
	11/30/95		39.40	282.04	0.00	920	680	120	870	6,600	<100
	03/28/96		36.13	285.31	0.00	72	28	1.8	49	360	<10
	05/31/96		34.56	286.88	0.00	2,800	510	<50	400	8,200	<5.0
	08/28/96		38.80	282.64	0.00	1.6	<0.5	<0.5	9.6	160	28
	11/18/96		38.74	282.70	0.00	2,000	610	130	790	7,100	<200
	02/28/97		33.74	287.70	0.00	2,900	2,600	280	2,400	22,000	4,200
	05/23/97		33.77	287.67	0.00	5,300	5,200	800	3,900	32,000	1,600

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

Monitoring Well	Date	Reference Elevation (feet)	Depth		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)	
			to Water (feet)										
MW9	09/23/97	320.68	38.17		282.51	0.00	<0.5	<0.5	<0.5	<0.5	<50	20	
	12/30/97		38.83		281.85	0.00	840	750	80	310	4,600	1,100 <sup>f</sup>	
	03/24/98		31.32		289.36	0.00	11,000	16,000	1,200	6,200	62,000	7,000	
	06/15/98		28.72		291.96	0.00	1.8	2.7	<0.5	3.8	<50	8.1	
	09/11/98		31.52		289.16	0.00	1.5	0.97	<0.5	1.1	<50	7.1	
	12/09/98		28.92		291.76	0.00	1.4	2.9	<0.5	<0.5	<50	7.9 <sup>f</sup>	
	03/31/99		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	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	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>	
	12/22/99		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		34.69		285.57	0.00	2.7	2.5	<1	9	<50	310/300 <sup>f</sup>	
		06/28/00		39.31		280.95	0.00	111	2.98	<0.5	14.9	207	488 <sup>f</sup>
MW10	10/12/89	322.99	51.93		271.06	0.00	<0.5	<0.5	<0.5	<0.5	20	NA	
	11/28/89		51.88		271.11	0.00	NS	NS	NS	NS	NS	NS	
	12/20/89		51.47		271.52	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA	
	01/09/90		50.98		272.01	0.00	NS	NS	NS	NS	NS	NS	
	01/26/90		50.87		272.12	0.00	NS	NS	NS	NS	NS	NS	
	02/23/90		50.67 <sup>a</sup>		272.32	0.00	NS	NS	NS	NS	NS	NS	
	02/23/90		50.65		272.34	0.00	NS	NS	NS	NS	NS	NS	
	03/26/90		50.36 <sup>a</sup>		272.63	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA	
	03/26/90		50.35		272.64	0.00	NS	NS	NS	NS	NS	NS	
	04/18/90		50.45		272.54	0.00	NS	NS	NS	NS	NS	NS	
	06/11/90		51.16		271.83	0.00	NS	NS	NS	NS	NS	NS	
	07/30/90		55.72		267.27	0.00	NS	NS	NS	NS	NS	NS	
	08/27/90		57.75		265.24	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA	
	09/28/90		NM		NC	NM	NS	NS	NS	NS	NS	NS	NS
	12/27/90		58.08		264.91	0.00	NS	NS	NS	NS	NS	NS	
	03/20/91		57.80		265.19	0.00	NS	NS	NS	NS	NS	NS	
	06/20/91		58.00		264.99	0.00	NS	NS	NS	NS	NS	NS	
	09/12/91		NM		NC	Dry	NS	NS	NS	NS	NS	NS	NS

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

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW10	12/30/91	322.99	NM	NC	NM	NS	NS	NS	NS	NS	NS
	01/30/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	03/02/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	03/24/92		58.53	264.46	0.00	NS	NS	NS	NS	NS	NS
	04/14/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	05/21/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	06/08/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	07/14/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	08/10/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	09/16/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	10/07/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/09/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	12/10/92		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	01/26/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	02/16/93		58.23	264.76	0.00	NS	NS	NS	NS	NS	NS
	03/11/93		57.81	265.18	0.00	NS	NS	NS	NS	NS	NS
	04/12/93		57.84	265.15	0.00	21	11	21	75	350	NA
	06/01/93		57.88	265.11	NM	NS	NS	NS	NS	NS	NS
	07/15/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	08/15/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	09/29/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	10/28/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	11/23/93		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	03/10-11/94		NM	NC	Dry	NS	NS	NS	NS	NS	NS
	05/04-05/94		57.21	265.78	Dry	NS	NS	NS	NS	NS	NS
	09/01/94 <sup>e</sup>		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	11/16/94		54.82	268.17	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95		51.90	271.09	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95		46.32	276.67	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95		43.06	279.93	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95		41.34	281.65	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96		38.15	284.84	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0

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

Monitoring Well	Date	Reference Elevation (feet)	Depth to Groundwater		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)
			Water (feet)	Elevation (feet)							
MW10	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		40.86	282.13	0.00	NS	NS	NS	NS	NS	NS
	11/18/96		40.90	282.09	0.00	NS	NS	NS	NS	NS	NS
	02/28/97		35.75	287.24	0.00	NS	NS	NS	NS	NS	NS
	05/23/97		36.07	286.92	0.00	NS	NS	NS	NS	NS	NS
	09/23/97		40.41	282.58	0.00	NS	NS	NS	NS	NS	NS
	12/30/97		38.20	284.79	0.00	NS	NS	NS	NS	NS	NS
	03/24/98		34.12	288.87	0.00	NS	NS	NS	NS	NS	NS
	06/15/98		31.79	291.20	0.00	NS	NS	NS	NS	NS	NS
	09/11/98		35.40	287.59	0.00	NS	NS	NS	NS	NS	NS
	12/09/98		34.32	288.67	0.00	NS	NS	NS	NS	NS	NS
	03/31/99		30.55	292.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
	06/30/99		36.36	286.63	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	08/03/99		39.95	283.04	0.00	NS	NS	NS	NS	NS	NS
	09/24/99		44.40	278.59	0.00	<0.5	<0.5	<0.5	0.87	<50	19.30 <sup>f</sup>
	12/22/99		43.39	279.60	0.00	9.5	5.3	3.9	25.1	140	<5.0 <sup>f</sup>
	04/04/00		37.18	285.81	0.00	<1	<1	<1	<1	<50	<1
<b>06/28/00</b>		<b>42.19</b>	<b>280.80</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;1<sup>f</sup></b>	
MW11	11/10/89	321.77	50.64	272.13	0.00	NS	NS	NS	NS	NS	NS
	11/16/89		NM	NC	NM	4.1	9.4	0.74	20	150	NA
	11/28/89		50.51	272.26	0.00	NS	NS	NS	NS	NS	NS
	12/20/89		51.47	271.30	0.00	7.2	7.5	2.9	13	150	NA
	01/09/90		49.68	273.09	0.00	NS	NS	NS	NS	NS	NS
	01/26/90		49.55	273.22	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		49.37 <sup>a</sup>	273.40	0.00	NS	NS	NS	NS	NS	NS
	02/23/90		49.35	273.42	0.00	NS	NS	NS	NS	NS	NS
	03/26/90		49.03 <sup>a</sup>	273.74	0.00	<0.5	<0.5	<0.5	2.7	32	NA
	04/18/90		49.12	273.65	0.00	NS	NS	NS	NS	NS	NS
	05/17/90		50.30	272.47	0.00	NS	NS	NS	NS	NS	NS
	06/11/90		51.16	271.61	0.00	NS	NS	NS	NS	NS	NS
07/30/90			53.50	269.27	0.00	<0.5	<0.5	<0.5	3.8	26	NA

TABLE 1 GROUNDWATER MONITORING DATA, 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		53.62	269.15	0.00	NS	NS	NS	NS	NS	NS
	12/27/90		53.63	269.14	0.00	NS	NS	NS	NS	NS	NS
	03/20/91		53.26	269.51	0.00	NS	NS	NS	NS	NS	NS
	06/20/91		53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
	09/12/91		53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
	12/30/91		53.95	268.82	0.00	NS	NS	NS	NS	NS	NS
	01/30/92		53.65	269.12	0.00	NS	NS	NS	NS	NS	NS
	03/02/92		53.68	269.09	0.00	NS	NS	NS	NS	NS	NS
	03/24/92		53.70	269.07	0.00	NS	NS	NS	NS	NS	NS
	04/14/92		53.66	269.11	0.00	NS	NS	NS	NS	NS	NS
	05/21/92		53.62	269.15	0.00	NS	NS	NS	NS	NS	NS
	06/08/92		53.61	269.16	0.00	NS	NS	NS	NS	NS	NS
	07/14/92		53.53	269.24	0.00	NS	NS	NS	NS	NS	NS
	08/10/92		53.58	269.19	0.00	NS	NS	NS	NS	NS	NS
	09/16/92		53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
	10/07/92		DRY	DRY	NM	NS	NS	NS	NS	NS	NS
	11/09/92		DRY	DRY	NM	NS	NS	NS	NS	NS	NS
	12/10/92		53.59	269.18	0.00	NS	NS	NS	NS	NS	NS
	01/26/93		53.67	269.10	0.00	NS	NS	NS	NS	NS	NS
	02/16/93		53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
	03/11/93		53.58	269.19	0.00	NS	NS	NS	NS	NS	NS
	04/12/93		53.54	269.23	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	06/01/93		53.52	269.25	0.00	NS	NS	NS	NS	NS	NS
	07/15/93		53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
	08/15/93		53.55	269.22	0.00	NS	NS	NS	NS	NS	NS
	09/29/93		53.62	269.15	0.00	NS	NS	NS	NS	NS	NS
	09/30/93		NM	NC	NM	NS	NS	NS	NS	NS	NS
	10/28/93		53.63	269.14	0.00	NS	NS	NS	NS	NS	NS
	11/23/93		53.58	268.19	0.00	NS	NS	NS	NS	NS	NS
	11/24/93		NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/10-11/94		53.61	268.16	0.00	NS	NS	NS	NS	NS	NS



TABLE 1 GROUNDWATER MONITORING DATA, 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		53.46	268.31	0.00	NS	NS	NS	NS	NS	NS
	02/15/95		50.57	271.20	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95		45.05	276.72	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95		41.88	279.89	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.8
	11/30/95		40.04	281.73	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	03/28/96		36.90	284.87	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	05/31/96		35.34	286.43	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
	08/28/96		39.56	282.21	0.00	NS	NS	NS	NS	NS	NS
	11/18/96		39.56	282.21	0.00	NS	NS	NS	NS	NS	NS
	02/28/97		34.50	287.27	0.00	NS	NS	NS	NS	NS	NS
	05/23/97		34.80	286.97	0.00	NS	NS	NS	NS	NS	NS
	09/23/97		39.18	282.59	0.00	NS	NS	NS	NS	NS	NS
	12/30/97		37.94	283.83	0.00	NS	NS	NS	NS	NS	NS
	03/24/98		32.86	289.65	NM	NS	NS	NS	NS	NS	NS
	06/15/98		30.49	291.28	0.00	NS	NS	NS	NS	NS	NS
	09/11/98		35.96	285.81	0.00	NS	NS	NS	NS	NS	NS
	12/09/98		33.06	288.71	0.00	NS	NS	NS	NS	NS	NS
	03/31/99		29.31	292.46	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.79/2.64 <sup>f</sup>
	06/30/99	35.15	286.62	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
08/03/99	38.65	283.12	0.00	NS	NS	NS	NS	NS	NS		
09/24/99	321.73	43.08	278.65	0.00	<0.5	<0.5	<0.5	<0.5	<50	3.93 <sup>f</sup>	
12/22/99	40.94	280.79	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>		
04/04/00	35.91	285.82	0.00	<1	<1	<1	<1	<50	<1		
06/28/00	40.46	281.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>		
VR1	03/24/92		NM	NC	NM	1.7	<0.5	<0.5	<0.5	<50	NA
	06/30/99		19.52	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	6.83/7.31 <sup>fb</sup>
	08/03/99		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		21.35	299.65	0.00	<1.0	<1.0	<1.0	<1.0	<50	10 <sup>f</sup>
	04/04/00		19.23	301.77	0.00	<1	<1	<1	<1	<50	4,500/5,500 <sup>f</sup>

TABLE 1 GROUNDWATER MONITORING DATA, 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)
VR1	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>
VR2	06/30/99		33.63	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,080/1,160 <sup>fh</sup>
	08/03/99		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		40.63	279.55	0.00	<1.0	<1.0	<1.0	<1.0	<50	34 <sup>f</sup>
	01/21/00		39.04	281.14	0.00	<1.0	<1.0	<1.0	<1.0	<50	17 <sup>f</sup>
	04/04/00		35.63	284.55	0.00	<1	<1	<1	<1	<50	370/400 <sup>f</sup>
	06/28/00		39.28	280.90	0.00	1.12	<1	<1	<1	<50	268 <sup>f</sup>
VR3	06/30/99		9.15	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,220/1,380 <sup>fh</sup>
	08/03/99		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>
Well destroyed 11/05/99											
VR4	06/30/99		8.50	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	146
	08/03/99		8.69	NC	0.00	<0.5	<0.5	<0.5	<0.5	71.7 <sup>g</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>
Well destroyed 11/05/99											
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		10.93	311.52	0.00	12	<5.0	<5.0	5.2	360	44,000 <sup>f</sup>
	04/04/00		10.83	311.62	0.00	1	<1	<1	<1	120	5,300/6,800 <sup>f</sup>
	06/28/00		11.91	310.54	0.00	1.20	<1	<1	<1	<100	1,530 <sup>f</sup>
OW2	09/24/99	321.55	9.48	312.07	0.00	31.1	<0.5	<0.5	20.6	275 <sup>g</sup>	177,000 <sup>f</sup>
	12/22/99		10.13	311.42	0.00	<5.0	<5.0	<5.0	5.2	410	85,000 <sup>f</sup>
	04/04/00		10.00	NC	NM	NS	NS	NS	NS	NS	NS
	06/28/00		11.00	310.55	0.00	<50	<50	<50	<50	<5,000	45,400 <sup>f</sup>
PMW1	12/22/99	322.75	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	04/04/00		NM	NC	NM	NS	NS	NS	NS	NS	NS

TABLE 1 GROUNDWATER MONITORING DATA, 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	06/28/00	322.75	13.72	309.03	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
PMW2	12/22/99	322.37	12.85	309.52	0.00	NS	NS	NS	NS	NS	NS
	04/04/00		10.65	311.72	0.00	<1	<1	<1	<1	<50	740/720 <sup>f</sup>
	06/28/00		11.50	310.87	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,570 <sup>f</sup>
PMW3	12/22/99	321.27	12.61	308.66	0.00	NS	NS	NS	NS	NS	NS
	04/04/00		9.78	311.49	0.00	<1	<1	<1	<1	<50	250/310 <sup>f</sup>
	06/28/00		10.52	310.75	0.00	<0.5	<0.5	<0.5	<0.5	<50	31.5 <sup>f</sup>
PMW4	12/22/99	321.37	15.32	306.05	0.00	NS	NS	NS	NS	NS	NS
	04/04/00		10.60	310.77	0.00	<1	<1	<1	<1	<50	28/27 <sup>f</sup>
	06/28/00		14.00	307.37	0.00	<0.5	<0.5	<0.5	<0.5	<50	3.73 <sup>f</sup>
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		9.61	310.43	0.00	<1	<1	<1	<1	<50	680/890 <sup>f</sup>
	06/28/00		10.10	309.94	0.00	1.79	<0.5	<0.5	<0.5	<50	629 <sup>f</sup>
PMW6	12/22/99	321.38	NM	NC	Dry	NS	NS	NS	NS	NS	NS
	04/04/00		15.10	NC	NM	NS	NS	NS	NS	NS	NS
	06/28/00		14.60	NC	NM	NS	NS	NS	NS	NS	NS

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.

TABLE 1 GROUNDWATER MONITORING DATA, 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)
-----------------	------	----------------------------	-----------------------	------------------------------	----------------------	----------------	----------------	----------------------	----------------------	------------------------	-------------

µg/L = Micrograms per liter.

TPH = Total petroleum hydrocarbons.

MTBE = Methyl tertiary butyl ether.

LPH = Liquid-phase hydrocarbons.

NA = Not analyzed.

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

NS = Not sampled.

NM = Measurement not taken.

NC = Not calculated.

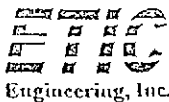
**Appendix A**

**Field Documents**

MONITORING WELL DATA FORM

Client: EXXON	Date: 6/28/00
Project Number: UP3399.1	Station Number: 7-3399
Site Location: 2991 HOPYARD RD. PLEASANTON, CA	Samplers: JOHN ORTEGA

MONITORING WELL NUMBER	DEPTH TO WATER (TOC)	DEPTH TO PRODUCT (TOC)	APPARENT PRODUCT THICKNESS	AMOUNT OF PRODUCT REMOVED	MONITORING WELL INTEGRITY	DEPTH TO BOTTOM (TOC)	WELL CASING DIAMETER
MW-5D	42.00	NONE	0	0	GOOD	77.50	4
MW-5S	40.75	NONE	0	0	GOOD	54.60	4
PMW-2	11.50	NONE	0	0	GOOD	15.74	4
PMW-3	10.52	NONE	0	0	GOOD	15.42	4
PMW-4	14.00	NONE	0	0	GOOD	15.72	4
MW1	39.72	NONE	0	0	GOOD	15.15	4
MW-7	40.46	NONE	0	0	GOOD	57.55	4
MW-8	46.51	NONE	0	0	GOOD	137.90	4
MW-11	40.46	NONE	0	0	GOOD	58.30	4
VR-1	20.42	NONE	0	0	GOOD	30.85	4
VR-2	39.28	NONE	0	0	GOOD	43.51	2
MW-10	42.19	NONE	0	0	GOOD	58.30	4
PMW-5	10.10	NONE	0	0	GOOD	14.08	4
OW1	11.91	NONE	0	0	GOOD	12.40	4
OW2	11.00	NONE	0	0	GOOD	12.74	4
MW-9	39.31	NONE	0	0	GOOD	39.31	4
PMW-6	14.60	NONE	0	0	GOOD	15.90	4
PMW1	13.72	"	"	"	"	15.72	
MW-4	13.70(?)	"	"	"	"	66.90	
<u>Not so - this well is to be replaced due to fractured casing.</u>							



GROUNDWATER PURGE AND SAMPLE

Project Name: F-3395 Well No: MW1 Date: 6/28/00  
 Project No: UP3395-1 Personnel: J. Orley

GAUGING DATA  
 Water Level Measuring Method: \_\_\_\_\_ Measuring Point Description: \_\_\_\_\_

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier or Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
		55.15	39.72	15.43	1 0.04	2 0.16	4 0.64	6 1.44	9.8

PURGING DATA  
 Purge Method: WATERM CV Purge Depth: \_\_\_\_\_ Purge Rate: \_\_\_\_\_ (gpm)

Time	Volume Purge (gal)	Temperature (C)	pH	Spec. Cond. (umhos)	Turbidity/Color	Odor (Y/N)	Casing Volumes	Dewatered (Y/N)
1105	10	20.0	7.21	2.41	/			
1120	20	19.3	7.18	2.43	/			
1125	30	19.3	7.17	2.44	/			

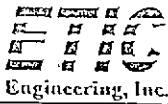
Comments/Observations:  
 \_\_\_\_\_  
 \_\_\_\_\_

SAMPLING DATA  
 Time Sampled: 1135 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
MW1	3	VOR	HCl	40ml	/	
					/	
					/	

Total Purge Volume: 30.0 (gallons) Disposal: \_\_\_\_\_  
 Weather Conditions: Clear  
 Condition of Well Box and Casing at Time of Sampling: Good  
 Well Head Conditions Requiring Correction: Good  
 Problems Encountered During Purging and Sampling: None  
 Comments: \_\_\_\_\_



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: 7-3355 Well No: 1114 Date: 6/28/05  
 Project No: UP3355.1 Personnel: J. Ortega

GAUGING DATA

Water Level Measuring Method: \_\_\_\_\_ Measuring Point Description: \_\_\_\_\_

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>66.90</u> <del>15.2</del>	<u>15.2</u>	<u>53.2</u>	<u>1</u>	<u>2</u>	<u>4</u>	<u>6</u>	<u>34.0</u>	<u>102</u>
			0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: water cv Purge Depth: \_\_\_\_\_ Purge Rate: \_\_\_\_\_ (gpm)

Time	1253	1312	1324			
Volume Purge (gal)	<u>34.0</u>	<u>68.0</u>	<u>102</u>			
Temperature (C)	<u>20.7</u>	<u>20.3</u>	<u>19.7</u>			
pH	<u>7.21</u>	<u>7.10</u>	<u>7.09</u>			
Spec. Cond. (umhos)	<u>2.47ms</u>	<u>2.44ms</u>	<u>2.45ms</u>			
Turbidity/Color	/	/	/	/	/	/
Odor (Y/N)						
Casing Volumes						
Dewatered (Y/N)						

Comments/Observations:

\_\_\_\_\_

\_\_\_\_\_

SAMPLING DATA

Time Sampled: 1335 Approximate Depth to Water During Sampling: \_\_\_\_\_ (feet)

Comments: \_\_\_\_\_

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<u>1114</u>	<u>3</u>	<u>WAH</u>	<u>HCl</u>	<u>40ml</u>	/	
					/	
					/	

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

Weather Conditions: clear

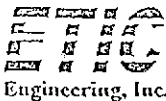
Condition of Well Box and Casing at Time of Sampling: good

Well Head Conditions Requiring Correction: good

Problems Encountered During Purging and Sampling: NONE

Comments: \_\_\_\_\_





# GROUNDWATER PURGE AND SAMPLE

Project Name: **7-3399**

Well No: **MWSD**

Date: **6/28/00**

Project No: **UP3399.1**

Personnel:

## GAUGING DATA

Water Level Measuring Method:

Measuring Point Description:

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
				1	2	4	6		
	77.50	42.00	35.5	0.04	0.16	0.64	1.44	22.7	68.1

## PURGING DATA

Purge Method: **WATERA PUMPS**

Purge Depth:

Purge Rate: **1.5** (gpm)

Time	547	1015	1024			
Volume Purge (gal)	23.0	46.0	69.0			
Temperature (C)	18.4	18.5	19.2			
pH	7.56	7.00	7.30			
Spec. Cond. (umhos)	1690	1724	1711			
Turbidity/Color	/					
Odor (Y/N)						
Casing Volumes						
Dewatered (Y/N)						

Comments/Observations:

## SAMPLING DATA

Time Sampled: **1035**

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
<b>MWSD</b>	<b>3</b>	<b>VOAS</b>	<b>HCl</b>	<b>40ml</b>	/	
					/	
					/	

Total Purge Volume: **08** (gallons)

Disposal: **Poly Tank**

Weather Conditions: **Clear**

Condition of Well Box and Casing at Time of Sampling:

**good**

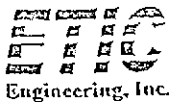
Well Head Conditions Requiring Correction:

**good**

Problems Encountered During Purging and Sampling:

**None**

Comments:



GROUNDWATER PURGE AND SAMPLE

Project Name: 7-3399 Well No: MW55 Date: 6/28/00  
 Project No: UP3399.1 Personnel: J. Ortega

GAUGING DATA

Water Level Measuring Method: IP

Measuring Point Description:

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
				1	2	4	6		
	54.60	40.75	13.85	0.04	0.16	0.64	1.44	8.8	26.4

PURGING DATA

Purge Method:

Purge Depth:

Purge Rate: 1.5 (gpm)

Time	9:50	9:54	10:00			
Volume Purge (gal)	<del>9.0</del> 9.0	14.0	27.0			
Temperature (C)	19.7	18.4	18.5			
pH	7.61	7.25	7.20			
Spec. Cond. (umhos)	2.410	2.43	2.415			
Turbidity/Color	/	/	/			
Odor (Y/N)						
Casing Volumes						
Dewatered (Y/N)						

Comments/Observations:

SAMPLING DATA

Time Sampled: 10:05

Approximate Depth to Water During Sampling: (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<u>MW55</u>	<u>3</u>	<u>VOH</u>	<u>HCl</u>	<u>40ml</u>	/	<u>JWH-L MW55</u>
					/	
					/	

Total Purge Volume: 27.0 (gallons)

Disposal: Poly tank (SSS)

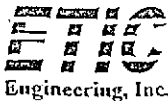
Weather Conditions: Clear

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

Well Head Conditions Requiring Correction: good

Problems Encountered During Purging and Sampling: NONE

Comments:



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: 7-3355 Well No: MW-7 Date: 6/28/00  
 Project No: 083355.1 Personnel: S. Ortega

GAUGING DATA

Water Level Measuring Method:

Measuring Point Description:

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Gassing Volume (gal)	Total Purge Volume (gal)
	59.30	40.46	18.84	1	2	4	6	12.0	36.0
				0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: WARRANT CV

Purge Depth:

Purge Rate:

(gpm)

Time	1610	1622	1629			
Volume Purge (gal)	12.0	24.0	36.00			
Temperature (C)	19.6	19.4	19.2			
pH	7.21	7.21	7.23			
Spec. Cond. (umhos)	1.95	2.03	2.06			
Turbidity/Color	/	/	/	/	/	/
Odor (Y/N)						
Casing Volumes						
Dewatered (Y/N)						

Comments/Observations:

SAMPLING DATA

Time Sampled: 1630

Approximate Depth to Water During Sampling:

(feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/Color	Analysis Method
<u>MW-7</u>	<u>3</u>	<u>GLASS</u>	<u>HCl</u>	<u>WELL</u>	/	
					/	
					/	

Total Purge Volume: 36.0 (gallons)

Disposal:

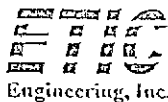
Weather Conditions: Clear

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

Well Head Conditions Requiring Correction: Good

Problems Encountered During Purging and Sampling: None

Comments:



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: **7-3395** Well No: **MW 8** Date: **6/28/00**  
 Project No: **VP3395.1** Personnel: **J. Ortega**

GAUGING DATA

Water Level Measuring Method:

Measuring Point Description:

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)
		137.90	46.57	91.39	1 0.04	2 0.16	4 0.64	6 1.44	58.4

PURGING DATA

Purge Method: **WATER PUMP**

Purge Depth:

Purge Rate: **1.5** (gpm)

Time	1130	1206	1230			
Volume Purge (gal)	58.4	116.8	175.2			
Temperature (C)	17.9	18.0	18.1			
pH	7.24	7.30	7.37			
Spec. Cond. (umhos)	897 $\mu$ S	899	900			
Turbidity/Color	/	/	/			
Odor (Y/N)	N	N	N			
Casing Volumes						
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: **1240**

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
<b>MW 8</b>	<b>3</b>	<b>VOL-</b>	<b>HCl</b>	<b>40ml</b>	/	
					/	
					/	

Total Purge Volume: **175.0** (gallons)

Disposal:

Weather Conditions: **Clear**

Condition of Well Box and Casing at Time of Sampling:

**good**

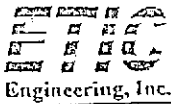
Well Head Conditions Requiring Correction:

**good**

Problems Encountered During Purging and Sampling:

**good**

Comments:



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: 7-3355

Well No: MW9

Date: 6/28/00

Project No: UP3355

Personnel: J. O'Keefe

GAUGING DATA

Water Level Measuring Method:

Measuring Point Description:

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)
	53.50	39.31	14.19	1 0.04   0.16   0.64   1.44	9.0	27

PURGING DATA

Purge Method:

Purge Depth:

Purge Rate:

(gpm)

Time	Volume Purge (gal)	Temperature (C)	pH	Spec. Cond. (umhos)	Turbidity/Color	Odor (Y/N)	Casing Volumes	Dewatered (Y/N)
1340	9	19.8	7.12	2.22ms	/			
1347	18	19.7	7.21	2.33ms	/			
1353	27	19.8	7.13	2.34	/			

Comments/Observations:

SAMPLING DATA

Time Sampled: 1400

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
MW9	3	Glass	HCl	40ml	/	

Total Purge Volume: 27 (gallons)

Disposal:

Weather Conditions:

Clear

Condition of Well Box and Casing at Time of Sampling:

Good

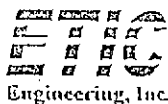
Well Head Conditions Requiring Correction:

Good

problems Encountered During Purging and Sampling:

None

Comments:



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: \_\_\_\_\_ Well No: **AW-10** Date: **6/28/00**  
 Project No: \_\_\_\_\_ Personnel: **S. Orlan**

GAUGING DATA  
 Water Level Measuring Method: \_\_\_\_\_ Measuring Point Description: \_\_\_\_\_

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Gassing Volume (gal)	Total Purge Volume (gal)
		54.50	42.19	16.31	1	4	6		10.76
				0.04	0.16	0.64	1.44		

PURGING DATA  
 Purge Method: **WATER CV** Purge Depth: \_\_\_\_\_ Purge Rate: \_\_\_\_\_ (gpm)

Time	1527	1535	1540			
Volume Purge (gal)	11.00	22.00	33.00			
Temperature (C)	20.1	19.2	18.2			
pH	7.03	7.18	6.98			
Spec. Cond. (umhos)	2.19ms	2.20	2.22			
Turbidity/Color	/					
Odor (Y/N)						
Casing Volumes						
Dewatered (Y/N)						

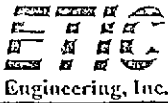
Comments/Observations:  
 \_\_\_\_\_  
 \_\_\_\_\_

SAMPLING DATA  
 Time Sampled: **1600** 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
AW-10	3	Glass	HCl	10ml	/	
					/	
					/	

Total Purge Volume: **33.0** (gallons) Disposal: **SSS**  
 Weather Conditions: **Clear**  
 Condition of Well Box and Casing at Time of Sampling: **Good**  
 Well Head Conditions Requiring Correction: **Good**  
 Problems Encountered During Purging and Sampling: **None**  
 Comments:  
 \_\_\_\_\_



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: 7-3355

Well No: MW11

Date: 6/28/00

Project No: 003355.1

Personnel: J. Ortega

GAUGING DATA

Water Level Measuring Method:

Measuring Point Description:

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)
	58.30	40.89	17.41	X 1	2	4	6	11.1	33.3
			0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method:

Purge Depth:

Purge Rate:

(gpm)

Time	1440	1445	1450			
Volume Purge (gal)	11.0	22.0	33.0			
Temperature (C)	19.6	19.5	19.4			
pH	7.00	7.10	7.10			
Spec. Cond. (umhos)	2.21	2.21	2.24			
Turbidity/Color	/	/	/			
Odor (Y/N)	N	N	N			
Casing Volumes						
Dewatered (Y/N)	N					

Comments/Observations:

SAMPLING DATA

Time Sampled: 1455

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
MW11	3	GLASS	HCl	10ml	/	
					/	
					/	

Total Purge Volume:

(gallons)

Disposal:

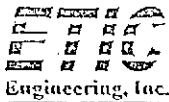
Weather Conditions:

Condition of Well Box and Casing at Time of Sampling:

Well Head Conditions Requiring Correction:

Problems Encountered During Purging and Sampling:

Comments:



**GROUNDWATER PURGE AND SAMPLE**

Project Name: 7-3355 Well No: PMW-1 Date: 6/24/00  
 Project No: JP3355.1 Personnel: \_\_\_\_\_

**GAUGING DATA**

Water Level Measuring Method: \_\_\_\_\_ Measuring Point Description: \_\_\_\_\_

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)
		15.70	13.72	1.98	<del>X</del> 0.04	<del>X</del> 0.16	<del>X</del> 0.66	6 1.44	1.3

**PURGING DATA**

Purge Method: \_\_\_\_\_ Purge Depth: \_\_\_\_\_ Purge Rate: \_\_\_\_\_ (gpm)

Time	1530	<del>1530</del>	1536			
Volume Purge (gal)	1.3	<del>2.5</del>	3.9			
Temperature (C)	20.8	Well				
pH	7.10	Dry				
Spec. Cond. (umhos)	1666					
Turbidity/Color	/	/	/	/	/	/
Odor (Y/N)	↓					
Casing Volumes	f					
Dewatered (Y/N)	W	Y	Y			

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

**SAMPLING DATA**

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

Comments: 1540

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
PMW-1	3	Glass	HCl	40ml	/	
					/	
					/	

Total Purge Volume: 4.0 (gallons) Disposal: 25.5

Weather Conditions: Clear

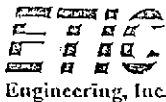
Condition of Well Box and Casing at Time of Sampling: Good

Well Head Conditions Requiring Correction: Good

Problems Encountered During Purging and Sampling: None

Comments: \_\_\_\_\_





GROUNDWATER PURGE AND SAMPLE

Project Name: 7-3399 Well No: PMW-2 Date: 6/28/00  
 Project No: 083399.1 Personnel: J. Ortega

GAUGING DATA

Water Level Measuring Method:

Measuring Point Description:

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)
		15.74	14.00	1.74	1 0.04	2 0.16	4 0.64	6 1.44	1.1

PURGING DATA

Purge Method:

Purge Depth:

Purge Rate:

(gpm)

Time	1505	1508	1510			
Volume Purge (gal)	1.1	2.2	3.3			
Temperature (C)	20.2	20.3	20.1			
pH	7.06	7.30	7.27			
Spec. Cond. (umhos)	1537	1540	1541			
Turbidity/Color	/	/	/	/	/	/
Odor (Y/N)						
Casing Volumes						
Dewatered (Y/N)						

Comments/Observations:

SAMPLING DATA

Time Sampled:

1520

Approximate Depth to Water During Sampling:

(feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<u>PMW-2</u>	<u>3</u>	<u>Glass</u>	<u>HCl</u>	<u>40ml</u>	/	
					/	
					/	

Total Purge Volume: 4.0 (gallons)

Disposal:

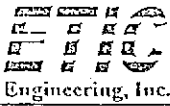
Weather Conditions: Clear

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

Well Head Conditions Requiring Correction: Good

Problems Encountered During Purging and Sampling: NONE

Comments:



GROUNDWATER PURGE AND SAMPLE

Project Name: **A-3399** Well No: **PMW3** Date: **6/28/00**  
 Project No: **UP3399.1** Personnel: **J. Ortega**

GAUGING DATA

Water Level Measuring Method:

Measuring Point Description:

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)
	15.72	10.52	5.2	1	4	6		3.3	9.9
				0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: **WATER CV** Purge Depth: Purge Rate: (gpm)

Time	Volume Purge (gal)	Temperature (C)	pH	Spec. Cond. (umhos)	Turbidity/Color	Odor (Y/N)	Casing Volumes	Dewatered (Y/N)
1135	3.3	18.1	7.2	875	/	N		N
1140	6.6	20.0	7.42	878	/	N		N
1143	9.9	DRY	/	/	/	/	/	Y

Comments/Observations:

SAMPLING DATA

Time Sampled: **1255** 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
PMW-3	3	VOA	HCl	40ml	/	
					/	
					/	

Total Purge Volume: **10** (gallons) Disposal: **gghen**

Weather Conditions: **Clear**

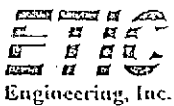
Condition of Well Box and Casing at Time of Sampling:

Well Head Conditions Requiring Correction:

Problems Encountered During Purging and Sampling:

Comments:

*Good  
Good  
Waste*



GROUNDWATER PURGE AND SAMPLE

Project Name: **2-3355** Well No: **PMW-4** Date: **6/28/00**

Project No: **VP 3355.1** Personnel: **J. Ortega**

GAUGING DATA

Water Level Measuring Method: \_\_\_\_\_ Measuring Point Description: \_\_\_\_\_

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)
	15.72	14.00	1.72	1	4	6		1.1	3.3
				0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: **HAND Barbed** Purge Depth: \_\_\_\_\_ Purge Rate: \_\_\_\_\_ (gpm)

Time	1236	1240	1241			
Volume Purge (gal)	1.1	2.2	DRY			
Temperature (C)	21.1	23.7				
pH	7.48	7.32				
Spec. Cond. (umhos)	1357	1380				
Turbidity/Color	/	/	/	/	/	/
Odor (Y/N)	N	N				
Casing Volumes						
Dewatered (Y/N)	N	N	T			

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

SAMPLING DATA

Time Sampled: **1250** 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
<b>PMW 4</b>	<b>3</b>	<b>Glass</b>	<b>HCl</b>	<b>40ml</b>	/	
					/	
					/	

Total Purge Volume: **4.0** (gallons) Disposal: **S.S.S**

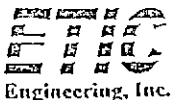
Weather Conditions: **Clear**

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

Well Head Conditions Requiring Correction: **"**

Problems Encountered During Purging and Sampling: **None**

Comments: \_\_\_\_\_



# GROUNDWATER PURGE AND SAMPLE

Project Name: **7-3399**

Well No: **PMW-5**

Date: **6/25**

Project No: **UP3399.1**

Personnel: **J. Orteger**

## GAUGING DATA

Water Level Measuring Method:

Measuring Point Description:

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)
		1468	10.8	4.58	1	4	6	2.9	8.7
				0.04	0.16	0.64	1.44		

## PURGING DATA

Purge Method: **check valve**

Purge Depth:

Purge Rate:

(gpm)

Time	1411	1415	1420			
Volume Purge (gal)	3	6	9			
Temperature (C)	19.7	19.6	19.5			
pH	10.48	11.11	11.46			
Spec. Cond. (umhos)	<del>10.48</del> 4.02	3.14	4.15			
Turbidity/Color	/					
Odor (Y/N)	J	N	N			
Casing Volumes						
Dewatered (Y/N)	N	N	N			

Comments/Observations:

## SAMPLING DATA

Time Sampled: **1435**

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
<b>PMW-5</b>	<b>3</b>	<b>glass</b>	<b>AC1</b>	<b>40ml</b>	/	
					/	
					/	

Total Purge Volume: **9.0** (gallons)

Disposal:

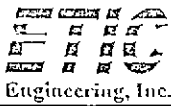
Weather Conditions: **clear**

Condition of Well Box and Casing at Time of Sampling: **water in box**

Well Head Conditions Requiring Correction: **wood**

Problems Encountered During Purging and Sampling: **None**

Comments: **water in box / Sucked 40ml out 90 gal**



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: **7-3399** Well No: **PMW-6** Date: **6/28/20**  
 Project No: **UP3399.1** Personnel: **J. Ortega**

GAUGING DATA

Water Level Measuring Method:

Measuring Point Description:

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)
	15.90	14.60	1.3	1	20	1	6		
				0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: Purge Depth: Purge Rate: (gpm)

Time						
Volume Purge (gal)	Well Dry No SAMPLE					
Temperature (C)						
pH						
Spec. Cond. (umhos)						
Turbidity/Color						
Odor (Y/N)						
Casing Volumes						
Dewatered (Y/N)						

Comments/Observations:

SAMPLING DATA

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

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/Color	Analysis Method

Total Purge Volume: (gallons) Disposal:

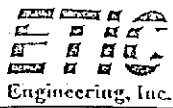
Weather Conditions:

Condition of Well Box and Casing at Time of Sampling:

Well Head Conditions Requiring Correction:

Problems Encountered During Purging and Sampling:

Comments:



GROUNDWATER PURGE AND SAMPLE

Project Name: **7-3399** Well No: **VR-1** Date: **6/28/00**  
 Project No: **JP3399.1** Personnel: **3-Ortega**

GAUGING DATA

Water Level Measuring Method:

Measuring Point Description:

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)
		$2031.05 - 20.42 = 10.63$			1	4	6		$6.8 = 20.4$
				0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: **Water CV**

Purge Depth:

Purge Rate:

(gpm)

Time	1400	1410	1418			
Volume Purge (gal)	7	14	21			
Temperature (C)	20.3	19.8	19.8			
pH	7.87	7.35	7.36			
Spec. Cond. (umhos)	1310	1783	1284			
Turbidity/Color	/	/	/	/	/	/
Odor (Y/N)						
Casing Volumes						
Dewatered (Y/N)						

Comments/Observations:

SAMPLING DATA

Time Sampled: **1430**

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
<b>VR-1</b>	<b>3</b>	<b>Glass</b>	<b>HCl</b>	<b>100ml</b>	/	
					/	
					/	

Total Purge Volume: **21.0** (gallons)

Disposal:

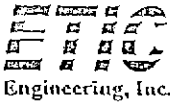
Weather Conditions: **Clear**

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

Well Head Conditions Requiring Correction: **Good**

Problems Encountered During Purging and Sampling: **None**

Comments:



GROUNDWATER PURGE AND SAMPLE

Project Name: **7-3355**

Well No: **VR-2**

Date: **6/28/00**

Project No: **0P3399.1**

Personnel: **J. Ortega**

GAUGING DATA

Water Level Measuring Method:

Measuring Point Description:

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
				1	2	4	6		
	43.51	39.31	4.2	0.04	0.16	0.64	1.44	.67	2.0

PURGING DATA

Purge Method: Purge Depth: Purge Rate: (gpm)

Time	1440	1441	1442			
Volume Purge (gal)	.67	1.3	2.0			
Temperature (C)	21.3	19.9	19.5			
pH	7.23	7.23	7.24			
Spec. Cond. (umhos)	1726	1730	1750			
Turbidity/Color	/	/	/			
Odor (Y/N)	N	N	N			
Casing Volumes						
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: **1450**

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
VR-2	3	GLASS	HCl	400ml	/	
					/	
					/	

Total Purge Volume: **2** (gallons)

Disposal:

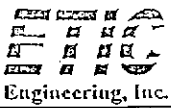
Weather Conditions: **Clear**

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

Well Head Conditions Requiring Correction: **Good**

Problems Encountered During Purging and Sampling: **None**

Comments:



GROUNDWATER PURGE AND SAMPLE

Project Name: \_\_\_\_\_ Well No: DW-1 Date: 6/28  
 Project No: \_\_\_\_\_ Personnel: J. Ortega

GAUGING DATA

Water Level Measuring Method: \_\_\_\_\_

Measuring Point Description: \_\_\_\_\_

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>12.4</u>	<u>11.91</u>	<u>0.49</u>	<u>1</u>	<u>2</u>	<u>4</u>	<u>6</u>	<u>.31</u>
				0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: HAND BAIL Purge Depth: \_\_\_\_\_ Purge Rate: \_\_\_\_\_ (gpm)

Time	Volume Purge (gal)	Temperature (C)	pH	Spec. Cond. (umhos)	Turbidity/Color	Odor (Y/N)	Casing Volumes	Dewatered (Y/N)
<u>1300</u>	<u>31</u>	<u>25.4</u>	<u>7.13</u>	<u>812</u>	/	<u>N</u>		<u>N</u>
<u>1301</u>	<u>DRY</u>	/	/	/	/	<u>N</u>		<u>Y</u>

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

SAMPLING DATA

Time Sampled: 1310 Approximate Depth to Water During Sampling: \_\_\_\_\_ (feet)

Comments: \_\_\_\_\_

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<u>DW-1</u>	<u>3</u>	<u>glass</u>	<u>HCl</u>	<u>40ml</u>	/	
					/	
					/	

Total Purge Volume: 31 (gallons) Disposal: S.S.S.

Weather Conditions: Clear

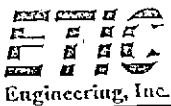
Condition of Well Box and Casing at Time of Sampling: good

Well Head Conditions Requiring Correction: good

Problems Encountered During Purging and Sampling: WELL DRY

Comments: \_\_\_\_\_





GROUNDWATER PURGE AND SAMPLE

Project Name: W-3295

Well No: OW-2

Date: 6/28/08

Project No: WP3395.1

Personnel: S. Ortega

GAUGING DATA

Measuring Point Description:

Water Level Measuring Method:

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
				1	2	4	6		
	12.74	11.00	1.74	0.04	0.16	0.64	1.44	1.1	3.3

PURGING DATA

Purge Method: water cv

Purge Depth:

Purge Rate:

(gpm)

Time	1425	1427	1429			
Volume Purge (gal)	<del>2.1</del> 2.1	2.2	3.3			
Temperature (C)	21.7	21.6	21.6			
pH	8.4	8.6	8.6			
Spec. Cond. (umhos)	974 $\mu$ S	970	971			
Turbidity/Color						
Odor (Y/N)						
Casing Volumes						
Dewatered (Y/N)						

Comments/Observations:

SAMPLING DATA

Time Sampled: 1435

Approximate Depth to Water During Sampling:

(feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/Color	Analysis Method
<u>OW-2</u>	<u>3</u>	<u>Glass</u>	<u>HCl</u>	<u>40ml</u>		

Total Purge Volume: 4.0 (gallons)

Disposal:

Weather Conditions: Clear

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

Well Head Conditions Requiring Correction: Good

Problems Encountered During Purging and Sampling: None

Comments:

**Appendix B**

**Laboratory Analytical Reports**



ETIC Engineering Inc - WC (Exxon) 144 Mayhew Way Walnut Creek, CA 94596	Project: Exxon Project Number: 7-3399 Project Manager: Joe Muehleck	Sampled: 6/28/00 Received: 6/29/00 Reported: 7/20/00 12:42
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## ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
PMW-3	MJF0957-01	Water	6/28/00
MW-5S	MJF0957-02	Water	6/28/00
MW-7	MJF0957-03	Water	6/28/00
PMW-1	MJF0957-04	Water	6/28/00
MW-4	MJF0957-05	Water	6/28/00
MW-10	MJF0957-06	Water	6/28/00
VR-1	MJF0957-07	Water	6/28/00
VR-2	MJF0957-08	Water	6/28/00
MW-11	MJF0957-09	Water	6/28/00
PMW-2	MJF0957-10	Water	6/28/00
PMW-5	MJF0957-11	Water	6/28/00
OW-2	MJF0957-12	Water	6/28/00
MW-9	MJF0957-13	Water	6/28/00
MW-5D	MJF0957-14	Water	6/28/00
OW-1	MJF0957-15	Water	6/28/00
PMW-4	MJF0957-16	Water	6/28/00
MW-8	MJF0957-17	Water	6/28/00
MW-1	MJF0957-18	Water	6/28/00

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.*

  
Ron Chew, Project Manager





ETIC Engineering Inc - WC (Exxon) 144 Mayhew Way Walnut Creek, CA 94596	Project: Exxon Project Number: 7-3399 Project Manager: Joe Muehleck	Sampled: 6/28/00 Received: 6/29/00 Reported: 7/20/00 12:42
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**Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
				<b>MJF0957-06</b>			<b>Water</b>	
Purgeable Hydrocarbons	0G07002	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70-130		94.3	%	
				<b>MJF0957-07</b>			<b>Water</b>	H-05
Purgeable Hydrocarbons	0G13003	7/13/00	7/13/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70-130		97.8	%	
				<b>MJF0957-08</b>			<b>Water</b>	
Purgeable Hydrocarbons	0G07002	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
<b>Benzene</b>	"	"	"	DHS LUFT	0.500	1.12	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70-130		98.9	%	
				<b>MJF0957-09</b>			<b>Water</b>	
Purgeable Hydrocarbons	0G07002	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70-130		96.0	%	
				<b>MJF0957-10</b>			<b>Water</b>	
Purgeable Hydrocarbons	0G07002	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70-130		101	%	



ETIC Engineering Inc - WC (Exxon) 144 Mayhew Way Walnut Creek, CA 94596	Project: Exxon Project Number: 7-3399 Project Manager: Joe Muchleck	Sampled: 6/28/00 Received: 6/29/00 Reported: 7/20/00 12:42
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**Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
				<b>MJF0957-11</b>			<b>Water</b>	
<b>PMW-5</b> Purgeable Hydrocarbons	0G11003	7/11/00	7/11/00	DHS LUFT	50.0	ND	ug/l	
<b>Benzene</b>	"	"	"	DHS LUFT	0.500	1.79	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70-130		99.4	%	
				<b>MJF0957-12</b>			<b>Water</b>	
<b>OW-2</b> Purgeable Hydrocarbons	0G07001	7/7/00	7/7/00	DHS LUFT	5000	ND	ug/l	R-05
<b>Benzene</b>	"	"	"	DHS LUFT	50.0	ND	"	R-05
Toluene	"	"	"	DHS LUFT	50.0	ND	"	R-05
Ethylbenzene	"	"	"	DHS LUFT	50.0	ND	"	R-05
Xylenes (total)	"	"	"	DHS LUFT	50.0	ND	"	R-05
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70-130		103	%	
				<b>MJF0957-13</b>			<b>Water</b>	
<b>MW-9</b> Purgeable Hydrocarbons	0G07001	7/7/00	7/7/00	DHS LUFT	50.0	207	ug/l	P-01
<b>Benzene</b>	"	"	7/11/00	DHS LUFT	2.00	111	"	
<b>Toluene</b>	"	"	7/7/00	DHS LUFT	0.500	2.98	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	14.9	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70-130		105	%	
				<b>MJF0957-14</b>			<b>Water</b>	
<b>MW-5D</b> Purgeable Hydrocarbons	0G07001	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
<b>Benzene</b>	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70-130		105	%	
				<b>MJF0957-15</b>			<b>Water</b>	
<b>OW-1</b> Purgeable Hydrocarbons	0G11003	7/11/00	7/11/00	DHS LUFT	100	ND	ug/l	R-05
<b>Benzene</b>	"	"	"	DHS LUFT	1.00	1.20	"	R-05
Toluene	"	"	"	DHS LUFT	1.00	ND	"	R-05
Ethylbenzene	"	"	"	DHS LUFT	1.00	ND	"	R-05
Xylenes (total)	"	"	"	DHS LUFT	1.00	ND	"	R-05
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70-130		98.8	%	



ETIC Engineering Inc - WC (Exxon) 144 Mayhew Way Walnut Creek, CA 94596	Project: Exxon Project Number: 7-3399 Project Manager: Joe Muehleck	Sampled: 6/28/00 Received: 6/29/00 Reported: 7/20/00 12:42
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**MTBE by EPA Method 8260A  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
<b>PMW-3</b>				<b>MJF0957-01</b>			<b>Water</b>	
Methyl tert-butyl ether	0G13022	7/12/00	7/12/00	EPA 8260A	1.00	31.5	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		86.2	%	
<b>MW-5S</b>				<b>MJF0957-02</b>			<b>Water</b>	
Methyl tert-butyl ether	0G13022	7/12/00	7/12/00	EPA 8260A	1.00	ND	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		86.6	%	
<b>MW-7</b>				<b>MJF0957-03</b>			<b>Water</b>	
Methyl tert-butyl ether	0G13022	7/12/00	7/12/00	EPA 8260A	1.00	4.88	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		83.6	%	
<b>PMW-1</b>				<b>MJF0957-04</b>			<b>Water</b>	
Methyl tert-butyl ether	0G13022	7/12/00	7/12/00	EPA 8260A	1.00	ND	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		83.1	%	
<b>MW-4</b>				<b>MJF0957-05</b>			<b>Water</b>	
Methyl tert-butyl ether	0G13022	7/12/00	7/12/00	EPA 8260A	1.00	ND	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		85.2	%	
<b>MW-10</b>				<b>MJF0957-06</b>			<b>Water</b>	
Methyl tert-butyl ether	0G13022	7/12/00	7/12/00	EPA 8260A	1.00	ND	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		84.9	%	
<b>VR-1</b>				<b>MJF0957-07</b>			<b>Water</b>	H-05
Methyl tert-butyl ether	0G13013	7/13/00	7/13/00	EPA 8260A	100	1370	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		85.1	%	
<b>VR-2</b>				<b>MJF0957-08</b>			<b>Water</b>	
Methyl tert-butyl ether	0G13022	7/12/00	7/12/00	EPA 8260A	10.0	268	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		84.3	%	
<b>MW-11</b>				<b>MJF0957-09</b>			<b>Water</b>	
Methyl tert-butyl ether	0G13022	7/12/00	7/12/00	EPA 8260A	1.00	ND	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		85.0	%	
<b>PMW-2</b>				<b>MJF0957-10</b>			<b>Water</b>	H-05
Methyl tert-butyl ether	0G13013	7/13/00	7/13/00	EPA 8260A	100	1570	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		85.7	%	

Sequoia Analytical - Morgan Hill

\*Refer to end of report for text of notes and definitions.

REC  
R/C 7/20/00



ETIC Engineering Inc - WC (Exxon) 144 Mayhew Way Walnut Creek, CA 94596	Project: Exxon Project Number: 7-3399 Project Manager: Joe Muchleck	Sampled: 6/28/00 Received: 6/29/00 Reported: 7/20/00 12:42
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**MTBE by EPA Method 8260A  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
<b>PMW-5</b>				<b><u>MJF0957-11</u></b>			<b><u>Water</u></b>	
Methyl tert-butyl ether	0G13022	7/12/00	7/13/00	EPA 8260A	20.0	629	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		86.2	%	
<b>OW-2</b>				<b><u>MJF0957-12</u></b>			<b><u>Water</u></b>	<b><u>I-02</u></b>
Methyl tert-butyl ether	0G14025	7/13/00	7/14/00	EPA 8260A	1000	45400	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		81.6	%	
<b>MW-9</b>				<b><u>MJF0957-13</u></b>			<b><u>Water</u></b>	<b><u>I-02</u></b>
Methyl tert-butyl ether	0G13013	7/13/00	7/13/00	EPA 8260A	50.0	488	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		82.7	%	
<b>MW-5D</b>				<b><u>MJF0957-14</u></b>			<b><u>Water</u></b>	
Methyl tert-butyl ether	0G13022	7/12/00	7/13/00	EPA 8260A	1.00	1.47	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		84.4	%	
<b>OW-1</b>				<b><u>MJF0957-15</u></b>			<b><u>Water</u></b>	<b><u>I-02</u></b>
Methyl tert-butyl ether	0G13013	7/13/00	7/13/00	EPA 8260A	100	1530	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		87.3	%	
<b>PMW-4</b>				<b><u>MJF0957-16</u></b>			<b><u>Water</u></b>	
Methyl tert-butyl ether	0G13022	7/12/00	7/13/00	EPA 8260A	1.00	3.73	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		83.9	%	
<b>MW-8</b>				<b><u>MJF0957-17</u></b>			<b><u>Water</u></b>	
Methyl tert-butyl ether	0G13022	7/12/00	7/13/00	EPA 8260A	1.00	ND	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		84.9	%	
<b>MW-1</b>				<b><u>MJF0957-18</u></b>			<b><u>Water</u></b>	<b><u>I-02</u></b>
Methyl tert-butyl ether	0G13013	7/13/00	7/13/00	EPA 8260A	1.00	ND	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		84.7	%	



# Sequoia Analytical

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July 19, 2000

Joe Muehleck  
ETIC Engineering Inc - WC (Exxon)  
144 Mayhew Way  
Walnut Creek, CA 94596

RE: Exxon 7-3399/MJF0957

Dear Joe Muehleck

Enclosed are the results of analyses for sample(s) received by the laboratory on June 29, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ron Chew  
Project Manager

CA ELAP Certificate Number 1210





ETIC Engineering Inc - WC (Exxon)  
144 Mayhew Way  
Walnut Creek, CA 94596

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

Sampled: 6/28/00  
Received: 6/29/00  
Reported: 7/19/00 13:39

## ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
PMW-3	MJF0957-01	Water	6/28/00
MW-5S	MJF0957-02	Water	6/28/00
MW-7	MJF0957-03	Water	6/28/00
PMW-1	MJF0957-04	Water	6/28/00
MW-4	MJF0957-05	Water	6/28/00
MW-10	MJF0957-06	Water	6/28/00
UR-1	MJF0957-07	Water	6/28/00
UR-2	MJF0957-08	Water	6/28/00
MW-11	MJF0957-09	Water	6/28/00
PMW-2	MJF0957-10	Water	6/28/00
PMW-5	MJF0957-11	Water	6/28/00
OW-2	MJF0957-12	Water	6/28/00
MW-9	MJF0957-13	Water	6/28/00
MW-50	MJF0957-14	Water	6/28/00
OW-1	MJF0957-15	Water	6/28/00
PMW-4	MJF0957-16	Water	6/28/00
MW-8	MJF0957-17	Water	6/28/00
MW-1	MJF0957-18	Water	6/28/00

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.*

Ron Chew, Project Manager



ETIC Engineering Inc - WC (Exxon) 144 Mayhew Way Walnut Creek, CA 94596	Project: Exxon Project Number: 7-3399 Project Manager: Joe Muehleck	Sampled: 6/28/00 Received: 6/29/00 Reported: 7/19/00 13:39
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**Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
<b>PMW-3</b>								<b>Water</b>
<b>MJF0957-01</b>								
Purgeable Hydrocarbons	0G07002	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70-130		98.9	%	
<b>MW-5S</b>								<b>Water</b>
<b>MJF0957-02</b>								
Purgeable Hydrocarbons	0G07002	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70-130		96.8	%	
<b>MW-7</b>								<b>Water</b>
<b>MJF0957-03</b>								
Purgeable Hydrocarbons	0G07002	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70-130		94.7	%	
<b>PMW-1</b>								<b>Water</b>
<b>MJF0957-04</b>								
Purgeable Hydrocarbons	0G07002	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70-130		94.8	%	
<b>MW-4</b>								<b>Water</b>
<b>MJF0957-05</b>								
Purgeable Hydrocarbons	0G07002	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70-130		96.8	%	



ETIC Engineering Inc - WC (Exxon) 144 Mayhew Way Walnut Creek, CA 94596	Project: Exxon Project Number: 7-3399 Project Manager: Joe Muehleck	Sampled: 6/28/00 Received: 6/29/00 Reported: 7/19/00 13:39
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**Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
<b>MW-10</b>								
				<b>MJF0957-06</b>			<b>Water</b>	
Purgeable Hydrocarbons	0G07002	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Surrogate: <i>a,a,a-Trifluorotoluene</i>	"	"	"	70-130		94.3	%	
<b>UR-1</b>								
				<b>MJF0957-07</b>			<b>Water</b>	H-05
Purgeable Hydrocarbons	0G13003	7/13/00	7/13/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Surrogate: <i>a,a,a-Trifluorotoluene</i>	"	"	"	70-130		97.8	%	
<b>UR-2</b>								
				<b>MJF0957-08</b>			<b>Water</b>	
Purgeable Hydrocarbons	0G07002	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	1.12	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Surrogate: <i>a,a,a-Trifluorotoluene</i>	"	"	"	70-130		98.9	%	
<b>MW-11</b>								
				<b>MJF0957-09</b>			<b>Water</b>	
Purgeable Hydrocarbons	0G07002	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Surrogate: <i>a,a,a-Trifluorotoluene</i>	"	"	"	70-130		96.0	%	
<b>PMW-2</b>								
				<b>MJF0957-10</b>			<b>Water</b>	
Purgeable Hydrocarbons	0G07002	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Surrogate: <i>a,a,a-Trifluorotoluene</i>	"	"	"	70-130		101	%	



ETIC Engineering Inc - WC (Exxon) 144 Mayhew Way Walnut Creek, CA 94596	Project: Exxon Project Number: 7-3399 Project Manager: Joe Muehleck	Sampled: 6/28/00 Received: 6/29/00 Reported: 7/19/00 13:39
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**Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT**  
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
				<b><u>MJF0957-11</u></b>			<b><u>Water</u></b>	
Purgeable Hydrocarbons	0G11003	7/11/00	7/11/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	1.79	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70-130		99.4	%	
				<b><u>MJF0957-12</u></b>			<b><u>Water</u></b>	
Purgeable Hydrocarbons	0G07001	7/7/00	7/7/00	DHS LUFT	5000	ND	ug/l	R-05
Benzene	"	"	"	DHS LUFT	50.0	ND	"	R-05
Toluene	"	"	"	DHS LUFT	50.0	ND	"	R-05
Ethylbenzene	"	"	"	DHS LUFT	50.0	ND	"	R-05
Xylenes (total)	"	"	"	DHS LUFT	50.0	ND	"	R-05
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70-130		103	%	
				<b><u>MJF0957-13</u></b>			<b><u>Water</u></b>	
Purgeable Hydrocarbons	0G07001	7/7/00	7/7/00	DHS LUFT	50.0	207	ug/l	P-01
Benzene	"	"	7/11/00	DHS LUFT	2.00	111	"	
Toluene	"	"	7/7/00	DHS LUFT	0.500	2.98	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	14.9	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70-130		105	%	
				<b><u>MJF0957-14</u></b>			<b><u>Water</u></b>	
Purgeable Hydrocarbons	0G07001	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70-130		105	%	
				<b><u>MJF0957-15</u></b>			<b><u>Water</u></b>	
Purgeable Hydrocarbons	0G11003	7/11/00	7/11/00	DHS LUFT	1.00	ND	ug/l	R-05
Benzene	"	"	"	DHS LUFT	1.00	1.20	"	R-05
Toluene	"	"	"	DHS LUFT	1.00	ND	"	R-05
Ethylbenzene	"	"	"	DHS LUFT	1.00	ND	"	R-05
Xylenes (total)	"	"	"	DHS LUFT	1.00	ND	"	R-05
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70-130		98.8	%	





ETIC Engineering Inc - WC (Exxon) 144 Mayhew Way Walnut Creek, CA 94596	Project: Exxon Project Number: 7-3399 Project Manager: Joe Muechteck	Sampled: 6/28/00 Received: 6/29/00 Reported: 7/19/00 13:39
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**Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
				<u>MJF0957-16</u>			<u>Water</u>	
Purgeable Hydrocarbons	0G07001	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70-130		103	%	
				<u>MJF0957-17</u>			<u>Water</u>	
Purgeable Hydrocarbons	0G07001	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70-130		104	%	
				<u>MJF0957-18</u>			<u>Water</u>	
Purgeable Hydrocarbons	0G07001	7/7/00	7/7/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70-130		97.5	%	



ETIC Engineering Inc - WC (Exxon) 144 Mayhew Way Walnut Creek, CA 94596	Project: Exxon Project Number: 7-3399 Project Manager: Joe Muehleck	Sampled: 6/28/00 Received: 6/29/00 Reported: 7/19/00 13:39
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**MTBE by EPA Method 8260A  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
<b>PMW-3</b>								
Methyl tert-butyl ether	0G13022	7/12/00	7/12/00	EPA 8260A	1.00	31.5	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		86.2	%	
<b>MJF0957-01</b>								
<b>Water</b>								
<b>MW-5S</b>								
Methyl tert-butyl ether	0G13022	7/12/00	7/12/00	EPA 8260A	1.00	ND	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		86.6	%	
<b>MJF0957-02</b>								
<b>Water</b>								
<b>MW-7</b>								
Methyl tert-butyl ether	0G13022	7/12/00	7/12/00	EPA 8260A	1.00	4.88	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		83.6	%	
<b>MJF0957-03</b>								
<b>Water</b>								
<b>PMW-1</b>								
Methyl tert-butyl ether	0G13022	7/12/00	7/12/00	EPA 8260A	1.00	ND	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		83.1	%	
<b>MJF0957-04</b>								
<b>Water</b>								
<b>MW-4</b>								
Methyl tert-butyl ether	0G13022	7/12/00	7/12/00	EPA 8260A	1.00	ND	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		85.2	%	
<b>MJF0957-05</b>								
<b>Water</b>								
<b>MW-10</b>								
Methyl tert-butyl ether	0G13022	7/12/00	7/12/00	EPA 8260A	1.00	ND	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		84.9	%	
<b>MJF0957-06</b>								
<b>Water</b>								
<b>UR-1</b>								
Methyl tert-butyl ether	0G13013	7/13/00	7/13/00	EPA 8260A	100	1370	ug/l	11-05
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		85.1	%	
<b>MJF0957-07</b>								
<b>Water</b>								
<b>UR-2</b>								
Methyl tert-butyl ether	0G13022	7/12/00	7/12/00	EPA 8260A	10.0	268	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		84.3	%	
<b>MJF0957-08</b>								
<b>Water</b>								
<b>MW-11</b>								
Methyl tert-butyl ether	0G13022	7/12/00	7/12/00	EPA 8260A	1.00	ND	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		85.0	%	
<b>MJF0957-09</b>								
<b>Water</b>								
<b>PMW-2</b>								
Methyl tert-butyl ether	0G13013	7/13/00	7/13/00	EPA 8260A	100	1570	ug/l	11-05
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		85.7	%	
<b>MJF0957-10</b>								
<b>Water</b>								





ETIC Engineering Inc - WC (Exxon) 144 Mayhew Way Walnut Creek, CA 94596	Project: Exxon Project Number: 7-3399 Project Manager: Joe Muehleck	Sampled: 6/28/00 Received: 6/29/00 Reported: 7/19/00 13:39
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**MTBE by EPA Method 8260A  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
<b>PMW-5</b>				<b>MJF0957-11</b>			<b>Water</b>	
Methyl tert-butyl ether	0G13022	7/12/00	7/13/00	EPA 8260A	20.0	629	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		86.2	%	
<b>OW-2</b>				<b>MJF0957-12</b>			<b>Water</b>	I-02
Methyl tert-butyl ether	0G14025	7/13/00	7/14/00	EPA 8260A	1000	45400	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		81.6	%	
<b>MW-9</b>				<b>MJF0957-13</b>			<b>Water</b>	I-02
Methyl tert-butyl ether	0G13013	7/13/00	7/13/00	EPA 8260A	50.0	488	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		82.7	%	
<b>MW-50</b>				<b>MJF0957-14</b>			<b>Water</b>	
Methyl tert-butyl ether	0G13022	7/12/00	7/13/00	EPA 8260A	1.00	1.47	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		84.4	%	
<b>OW-1</b>				<b>MJF0957-15</b>			<b>Water</b>	I-02
Methyl tert-butyl ether	0G13013	7/13/00	7/13/00	EPA 8260A	100	1530	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		87.3	%	
<b>PMW-4</b>				<b>MJF0957-16</b>			<b>Water</b>	
Methyl tert-butyl ether	0G13022	7/12/00	7/13/00	EPA 8260A	1.00	3.73	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		83.9	%	
<b>MW-8</b>				<b>MJF0957-17</b>			<b>Water</b>	
Methyl tert-butyl ether	0G13022	7/12/00	7/13/00	EPA 8260A	1.00	ND	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		84.9	%	
<b>MW-1</b>				<b>MJF0957-18</b>			<b>Water</b>	I-02
Methyl tert-butyl ether	0G13013	7/13/00	7/13/00	EPA 8260A	1.00	ND	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	70-130		84.7	%	



ETIC Engineering Inc - WC (Exxon) 144 Mayhew Way Walnut Creek, CA 94596	Project: Exxon Project Number: 7-3399 Project Manager: Joe Muehleck	Sampled: 6/28/00 Received: 6/29/00 Reported: 7/19/00 13:39
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**Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT/Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit	Recov. %	RPD Limit	RPD %	Notes*
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**Batch: 0G07001**      **Date Prepared: 7/7/00**      **Extraction Method: EPA 5030B [P/T]**

<b>Blank</b> <b>0G07001-BLK1</b>										
Purgeable Hydrocarbons	7/7/00			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.98	"	70-130	99.8			

<b>LCS</b> <b>0G07001-BS1</b>										
Benzene	7/7/00	10.0		10.4	ug/l	70-130	104			
Toluene	"	10.0		10.5	"	70-130	105			
Ethylbenzene	"	10.0		10.5	"	70-130	105			
Xylenes (total)	"	30.0		32.2	"	70-130	107			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.5	"	70-130	105			

<b>Matrix Spike</b> <b>0G07001-MS1</b> <b>MJG0115-01</b>										
Benzene	7/7/00	10.0	ND	10.6	ug/l	60-140	106			
Toluene	"	10.0	ND	10.8	"	60-140	108			
Ethylbenzene	"	10.0	ND	10.8	"	60-140	108			
Xylenes (total)	"	30.0	ND	32.7	"	60-140	109			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.4	"	70-130	104			

<b>Matrix Spike Dup</b> <b>0G07001-MSD1</b> <b>MJG0115-01</b>										
Benzene	7/7/00	10.0	ND	10.1	ug/l	60-140	101	25	4.83	
Toluene	"	10.0	ND	10.0	"	60-140	100	25	7.69	
Ethylbenzene	"	10.0	ND	10.3	"	60-140	103	25	4.74	
Xylenes (total)	"	30.0	ND	31.1	"	60-140	104	25	5.02	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.1	"	70-130	101			

<b>Batch: 0G07002</b> <b>Date Prepared: 7/7/00</b> <b>Extraction Method: EPA 5030B [P/T]</b>										
<b>Blank</b> <b>0G07002-BLK1</b>										
Purgeable Hydrocarbons	7/7/00			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.53	"	70-130	95.3			





ETIC Engineering Inc - WC (Exxon) 144 Mayhew Way Walnut Creek, CA 94596	Project: Exxon Project Number: 7-3399 Project Manager: Joe Muehleck	Sampled: 6/28/00 Received: 6/29/00 Reported: 7/19/00 13:39
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**Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT/Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
<b>LCS</b> <u>0G07002-BS1</u>										
Purgeable Hydrocarbons	7/7/00	250		223	ug/l	70-130	89.2			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		13.7	"	70-130	137			S-02
<b>Matrix Spike</b> <u>0G07002-MS1</u> <u>MJF0957-02</u>										
Purgeable Hydrocarbons	7/7/00	250	ND	229	ug/l	60-140	91.6			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		11.8	"	70-130	118			
<b>Matrix Spike Dup</b> <u>0G07002-MSDI</u> <u>MJF0957-02</u>										
Purgeable Hydrocarbons	7/7/00	250	ND	228	ug/l	60-140	91.2	25	0.438	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		11.7	"	70-130	117			
<b>Batch: 0G11003</b> <u>Date Prepared: 7/11/00</u> <u>Extraction Method: EPA 5030B [P/T]</u>										
<b>Blank</b> <u>0G11003-BLKI</u>										
Purgeable Hydrocarbons	7/11/00			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.27	"	70-130	92.7			
<b>LCS</b> <u>0G11003-BS1</u>										
Purgeable Hydrocarbons	7/11/00	250		226	ug/l	70-130	90.4			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		14.1	"	70-130	141			S-03
<b>Matrix Spike</b> <u>0G11003-MS1</u> <u>MJG0139-01</u>										
Purgeable Hydrocarbons	7/11/00	250	ND	241	ug/l	60-140	96.4			
Benzene	"		ND	4.07	"	60-140				
Toluene	"		ND	16.8	"	60-140				
Ethylbenzene	"		ND	3.86	"	60-140				
Xylenes (total)	"		ND	20.4	"	60-140				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		13.5	"	70-130	135			S-03
<b>Matrix Spike Dup</b> <u>0G11003-MSDI</u> <u>MJG0139-01</u>										
Purgeable Hydrocarbons	7/11/00	250	ND	244	ug/l	60-140	97.6	25	1.24	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		13.5	"	70-130	135			S-03



ETIC Engineering Inc - WC (Exxon) 144 Mayhew Way Walnut Creek, CA 94596	Project: Exxon Project Number: 7-3399 Project Manager: Joe Muehleck	Sampled: 6/28/00 Received: 6/29/00 Reported: 7/19/00 13:39
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**Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT/Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
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<u>Batch: 0G13003</u>		<u>Date Prepared: 7/13/00</u>		<u>Extraction Method: EPA 5030B [P/T]</u>						
<u>Blank</u>		<u>0G13003-BLK1</u>								
Purgeable Hydrocarbons	7/13/00			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.69	"	70-130	96.9			
<u>LCS</u>		<u>0G13003-BS1</u>								
Purgeable Hydrocarbons	7/13/00	250		233	ug/l	70-130	93.2			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		14.1	"	70-130	141			S-02
<u>Matrix Spike</u>		<u>0G13003-MS1 MJG0186-03</u>								
Purgeable Hydrocarbons	7/13/00	250	ND	248	ug/l	60-140	99.2			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		14.2	"	70-130	142			S-02
<u>Matrix Spike Dup</u>		<u>0G13003-MSD1 MJG0186-03</u>								
Purgeable Hydrocarbons	7/13/00	250	ND	241	ug/l	60-140	96.4	25	2.86	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		13.7	"	70-130	137			S-02



ETIC Engineering Inc - WC (Exxon) 144 Mayhew Way Walnut Creek, CA 94596	Project: Exxon Project Number: 7-3399 Project Manager: Joe Muehleck	Sampled: 6/28/00 Received: 6/29/00 Reported: 7/19/00 13:39
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**MTBE by EPA Method 8260A/Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit	Recov. %	RPD Limit	RPD %	Notes*
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<b>Batch: 0G13013</b>	<b>Date Prepared: 7/13/00</b>	<b>Extraction Method: EPA 5030B [P/T]</b>								
<b>Blank</b>	<b>0G13013-BLK1</b>									
Methyl tert-butyl ether	7/13/00			ND	ug/l	1.00				
Surrogate: 1,2-Dichloroethane-d4	"	10.0		8.46	"	70-130	84.6			

<b>LCS</b>	<b>0G13013-BS1</b>									
Methyl tert-butyl ether	7/13/00	10.0		7.65	ug/l	70-130	76.5			
Surrogate: 1,2-Dichloroethane-d4	"	10.0		8.38	"	70-130	83.8			

<b>Matrix Spike</b>	<b>0G13013-MS1</b>	<b>MJF0704-18</b>								
Methyl tert-butyl ether	7/13/00	10.0	5.89	12.4	ug/l	70-130	65.1			Q-02
Surrogate: 1,2-Dichloroethane-d4	"	10.0		13.6	"	70-130	136			S-04

<b>Matrix Spike Dup</b>	<b>0G13013-MSD1</b>	<b>MJF0704-18</b>								
Methyl tert-butyl ether	7/13/00	10.0	5.89	10.5	ug/l	70-130	46.1	25	16.6	Q-02
Surrogate: 1,2-Dichloroethane-d4	"	10.0		13.0	"	70-130	130			

<b>Batch: 0G13022</b>	<b>Date Prepared: 7/12/00</b>	<b>Extraction Method: EPA 5030B [P/T]</b>								
<b>Blank</b>	<b>0G13022-BLK1</b>									
Methyl tert-butyl ether	7/12/00			ND	ug/l	1.00				
Surrogate: 1,2-Dichloroethane-d4	"	10.0		8.18	"	70-130	81.8			

<b>LCS</b>	<b>0G13022-BS1</b>									
Methyl tert-butyl ether	7/12/00	10.0		7.99	ug/l	70-130	79.9			
Surrogate: 1,2-Dichloroethane-d4	"	10.0		8.31	"	70-130	83.1			

<b>Matrix Spike</b>	<b>0G13022-MS1</b>	<b>MJF0957-08</b>								
Methyl tert-butyl ether	7/12/00	250	268	454	ug/l	70-130	74.4			
Surrogate: 1,2-Dichloroethane-d4	"	10.0		8.65	"	70-130	86.5			

<b>Matrix Spike Dup</b>	<b>0G13022-MSD1</b>	<b>MJF0957-08</b>								
Methyl tert-butyl ether	7/12/00	250	268	451	ug/l	70-130	73.2	25	0.663	
Surrogate: 1,2-Dichloroethane-d4	"	10.0		8.51	"	70-130	85.1			

<b>Batch: 0G14025</b>	<b>Date Prepared: 7/13/00</b>	<b>Extraction Method: EPA 5030B [P/T]</b>								
<b>Blank</b>	<b>0G14025-BLK1</b>									
Methyl tert-butyl ether	7/13/00			ND	ug/l	1.00				
Surrogate: 1,2-Dichloroethane-d4	"	10.0		8.03	"	70-130	80.3			



ETIC Engineering Inc - WC (Exxon) 144 Mayhew Way Walnut Creek, CA 94596	Project: Exxon Project Number: 7-3399 Project Manager: Joe Muehleck	Sampled: 6/28/00 Received: 6/29/00 Reported: 7/19/00 13:39
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**MTBE by EPA Method 8260A/Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
<b>LCS</b>										
<b><u>0G14025-BS1</u></b>										
Methyl tert-butyl ether	7/13/00	10.0		8.28	ug/l	70-130	82.8			
Surrogate: 1,2-Dichloroethane-d4	"	10.0		8.29	"	70-130	82.9			
<b>Matrix Spike</b>										
<b><u>0G14025-MS1 MJF0767-03</u></b>										
Methyl tert-butyl ether	7/13/00	10.0	12.2	20.0	ug/l	70-130	78.0			
Surrogate: 1,2-Dichloroethane-d4	"	10.0		8.47	"	70-130	84.7			
<b>Matrix Spike Dup</b>										
<b><u>0G14025-MSD1 MJF0767-03</u></b>										
Methyl tert-butyl ether	7/14/00	10.0	12.2	18.9	ug/l	70-130	67.0	25	5.66	Q-02
Surrogate: 1,2-Dichloroethane-d4	"	10.0		8.54	"	70-130	85.4			





ETIC Engineering Inc - WC (Exxon) 144 Mayhew Way Walnut Creek, CA 94596	Project: Exxon Project Number: 7-3399 Project Manager: Joe Muehleck	Sampled: 6/28/00 Received: 6/29/00 Reported: 7/19/00 13:39
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### Notes and Definitions

#	Note
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- H-05 The result for this analyte was generated out of hold time. It was originally run within hold-time, but due to QC issue, it had to be re-run. The re-analysis are reported.
- I-02 This sample was analyzed outside of the EPA recommended holding time.
- P-01 Chromatogram Pattern: Gasoline C6-C12
- Q-02 The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
- R-05 The reporting limit(s) for this sample have been raised due to high levels of non-target interferents.
- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
- S-03 The surrogate recovery for this sample is outside of established control limits. Review of associated QC indicates the recovery for this surrogate does not represent an out-of-control condition.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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
- Recov. Recovery
- RPD Relative Percent Difference





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

Consultant's Name: ETIC Eng Inc Page 1 of 2

Address: 144 MAYHEW WAY WALNUT CREEK CA 94596 Site Location: 2991 Kopynand Rd

Project #: \_\_\_\_\_ Consultant Project #: UP3399.1 Consultant Work Release #: 2002958

Project Contact: Joe Muehlebeck Phone #: (925) 977-7914 Laboratory Work Release #: \_\_\_\_\_

EXXON Contact: Darwin Ross Phone #: (925) 246-8768 EXXON RAS #: 7-3399

Sampled by (print): John Ortega Sampler's Signature: John Ortega Pleasanton, CA

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

TAT:  24 hr  48 hr  72 hr  96 hr  Standard (10 day) MJF0957

ANALYSIS REQUIRED

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/8015/8020	TPH/Diesel EPA 8015	TRPH S.M. 5520	MTBE 8260	Temperature: _____
PMW-3	6/28/00	1255	1+20	1+01	3	01	X			X	
MW-55	↓	1005	↓	↓	↓	02	X			X	
MW-7		1630				03	X		X		
PMW-1		1540				04	X		X		
MW-4		1325				05	X		X		
MW-10		1600				06	X		X		
UR-1		1430				07	X		X		
UR-2		1450				08	X		X		
MW-11		1455				09	X		X		

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
<u>John Ortega</u>	6/29/00		<u>Mark Collier / Sequoia</u>	6-29	1129	
<u>Mark Collier</u>	6-29	1143	<u>Chris Furness</u>	6/29		
<u>Chris Furness</u>	6/29		<u>Penelope (MWH)</u>	6/29/00	17154	

Pink - Client

Yellow - Sequoia

White - Sequoia



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

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

Consultant's Name: ETIC Eng Inc Page 2 of 2

Address: 144 MAYHEW WAY WAINUT CREEK CA 94596 Site Location: 2991 Hopyard Rd

Project #: \_\_\_\_\_ Consultant Project #: U3359.1 Consultant Work Release #: 2002958

Project Contact: Joe Muehleek Phone #: (925) 977-7914 Laboratory Work Release #: \_\_\_\_\_

EXXON Contact: Darin Rouse Phone #: (925) 246-8768 EXXON RAS #: 7-3399

Sampled by (print): John Ortega Sampler's Signature: John Ortega Pleasanton CA

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

TAT:  24 hr  48 hr  72 hr  96 hr  Standard (10 day) MJF0957 ANALYSIS REQUIRED

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas	TPH/	TRPH	MTBE	Temperature: _____
							BTEX/8015/8020	Diesel EPA 8015	S.M. 5520		
PMW-2	6/28/00	1520	H <sub>2</sub> O	1461	3	10	X			X	
PMW-5	↓	1435	↓	↓	↓	11	X			X	
OW-2		1435				12	X		X		
MW-9		1400				13	X		X		
MW50		1035				14	X		X		
OW-1		1310				15	X		X		
PMW-4		1250				14	X		X		
MW-8		1240				17	X		X		
MW-1		1135				18	X		X		

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
<u>John Ortega</u>	6/29/00		<u>Mark Collier / Sequoia</u>	6/29	1129	
<u>Mark Collier</u>	6/29/00	1143	<u>Chris Jensen</u>	6/29	15:43	
<u>Chris Jensen</u>	6/29		<u>Mark Collier (MHI)</u>	6/29/00	17:54	

Pink - Client

Yellow - Sequoia

White - Sequoia