

**ExxonMobil**  
**Refining & Supply Company**  
Global Remediation  
2300 Clayton Road, Suite 1250  
Concord, CA 94520  
(925) 246-8747 Telephone  
(925) 246-8798 Facsimile  
gene.n.ortega@exxonmobil.com

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

August 19, 2002

Alameda County  
SEP 06 2002  
Environmental Health

**ExxonMobil**  
**Refining & Supply**

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

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

Dear Mr. Seery:

Attached for your review and comment is a copy of the *Report of Groundwater Monitoring, Second Quarter 2002* for the above-referenced site. The report was prepared by ETIC Engineering, Inc. of Pleasant Hill, California, and summarizes the results of the June 2002 sampling event. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached report is true and correct.

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

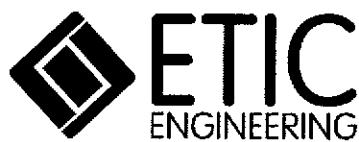
Sincerely,



Gene N. Ortega  
Territory Manager

Attachment: ETIC Groundwater Monitoring Report dated August 2002

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



## Report of Groundwater Monitoring Second Quarter 2002

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

Prepared for

ExxonMobil Refining and Supply Company  
2300 Clayton Road, Suite 1250  
Concord, California 94520

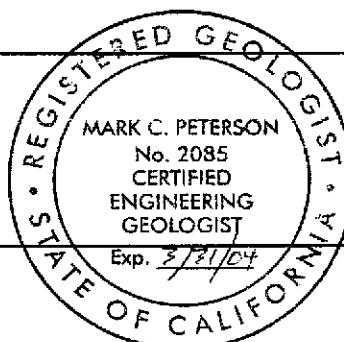
Prepared by

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

*J.T. Muehleck*  
Joseph T. Muehleck  
Project Manager

*8/13/02*  
Date

*M.C. Peterson*  
Mark C. Peterson, C.E.G. #2085  
Senior Geologist



*8/16/02*  
Date

August 2002

## **SITE CONTACTS**

Site Name: Former Exxon Retail Site 7-3399

Site Address: 2991 Hopyard Road  
Pleasanton, California

ExxonMobil Project Manager: Gene N. Ortega  
ExxonMobil Refining and Supply Company  
2300 Clayton Road, Suite 1250  
Concord, California 94520  
(925) 246-8747

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

ETIC Project Manager: Joseph T. Muehleck

Regulatory Oversight: Scott Seery  
Alameda County Health Agency  
1131 Harbor Bay Parkway  
Alameda, California 94501-6577  
(510) 567-6783

Chuck Headlee  
California Regional Water Quality Control Board  
San Francisco Bay Region  
1515 Clay Street, Suite 1400  
Oakland, California 94612  
(510) 622-2300

Matthew Katen  
Zone 7 Water Agency  
5997 Parkside Drive  
Pleasanton, California 94588  
(925) 484-2600

## **INTRODUCTION**

At the request of ExxonMobil Refining and Supply Company, ETIC Engineering, Inc. has prepared this quarterly groundwater monitoring report for former Exxon Retail Site 7-3399. This report presents the results for the most recent groundwater monitoring conducted at the site and summarizes recent site activities. This report covers site activities from 19 March 2002, the date of the last monitoring event, until 18 June 2002, the date of the recent monitoring event. The report also presents results for remediation system monitoring. Groundwater monitoring results, well construction details, a groundwater monitoring plan, and system monitoring results are summarized in the attached figures and tables. Groundwater monitoring protocols, field data, and analytical results are provided in the attached appendixes.

## **GENERAL SITE INFORMATION**

<b>Site name:</b>	Former Exxon Retail Site 7-3399
<b>Site address:</b>	2991 Hopyard Road, Pleasanton, California
<b>Current property owner:</b>	MCO Developments Ltd.
<b>Current site use:</b>	Active Valero-branded station and auto repair facility operated by Valero Energy Corporation
<b>Current phase of project:</b>	Groundwater monitoring, groundwater extraction
<b>Tanks at site:</b>	Three underground storage tanks (three grades of gasoline)
<b>Number of wells:</b>	22 (16 onsite, 6 offsite)

## **GROUNDWATER MONITORING SUMMARY**

<b>Gauging and sampling date:</b>	17 and 18 June 2002
<b>Wells gauged and sampled:</b>	MW1, MW4, MW5D, MW5S, MW7, MW8, MW10, MW11, MW12A, MW13, MW14, OW2, VR1, PMW2, PMW3, PMW5
<b>Wells gauged only:</b>	MW9A, OW1, VR2, PMW1, PMW4, PMW6
<b>Groundwater flow direction (zone 1):</b>	Northwest
<b>Groundwater gradient (zone 1):</b>	0.0064
<b>Groundwater flow direction (deeper):</b>	South-southeast
<b>Groundwater gradient (deeper):</b>	0.0011
<b>Remediation system status during groundwater monitoring event:</b>	Groundwater extraction system operating
<b>Well screens submerged:</b>	MW5D, MW8, MW12A, MW13, MW14
<b>Well screens not submerged:</b>	MW1, MW4, MW5S, MW7, MW9A, MW10, MW11, OW1, OW2, VR1, VR2, PMW1-PMW6
<b>Liquid-phase hydrocarbons:</b>	Not observed or detected
<b>Laboratory:</b>	TestAmerica, Inc., Nashville, Tennessee

**Analyses performed:**

- Total Petroleum Hydrocarbons as gasoline by EPA Method 8015B
- Benzene, toluene, ethylbenzene, and total xylenes by EPA Method 8021B
- Methyl t-butyl ether by EPA Method 8021B
- Methyl t-butyl ether by EPA Method 8260B (confirmation samples)

**Additional comments:**

Wells MW9A, OW1, VR2, PMW1, PMW4, and PMW6 were functionally dry.

Wells PMW1-PMW6, OW1, OW2, and VR1 are considered to be screened in a perched groundwater zone.

## **REMEDIATION SYSTEM SUMMARY**

### **Groundwater Extraction System**

#### **System description:**

The groundwater extraction system (GES) is capable of extracting groundwater from 4 wells: OW1, OW2, VR1, and MW9A. Groundwater is pumped, using electric submersible pumps for wells VR1 and MW9A, and using pneumatic pumps for wells OW1 and OW2, through particulate filters, and through two 1,000-pound activated carbon vessels in series. The treated water is discharged to the sanitary sewer under a discharge permit issued by the Dublin San Ramon Services District.

**System startup date:** 12 March 2001

**Active extraction wells:** VR1, OW2

**Inactive extraction wells/reason:** OW1, MW9A - Not operating due to low water levels in OW1 and MW9A, and low analyte concentrations in MW9A.

#### **Modifications made during reporting period/reasons for modifications:**

None

#### **Status of system operation during reporting period/reasons for downtime:**

The GES operated intermittently during this quarter. The GES was shut down from 4 April 2002 to 29 May 2002 due to maintenance, repair and replacement of the groundwater extraction pump in well VR1, and low water levels in wells OW1 and OW2.

#### **System performance data totals (totals since system startup, as of 18 June 2002):**

**Groundwater extracted:** 1,216,120 gallons

**Pounds of TPH removed:** 1.104 (calculated as the sum of TPH-g and TPH-d)

**Pounds of benzene removed:** 0.005

**Pounds of MTBE removed:** 0.154

#### **GES proposed work:**

The GES will continue to be operated and monitored.

## **ADDITIONAL ACTIVITIES PERFORMED AT SITE**

No additional activities were performed at the site.

## **WORK PROPOSED FOR NEXT QUARTER**

Groundwater will be monitored in accordance with the attached groundwater monitoring plan.

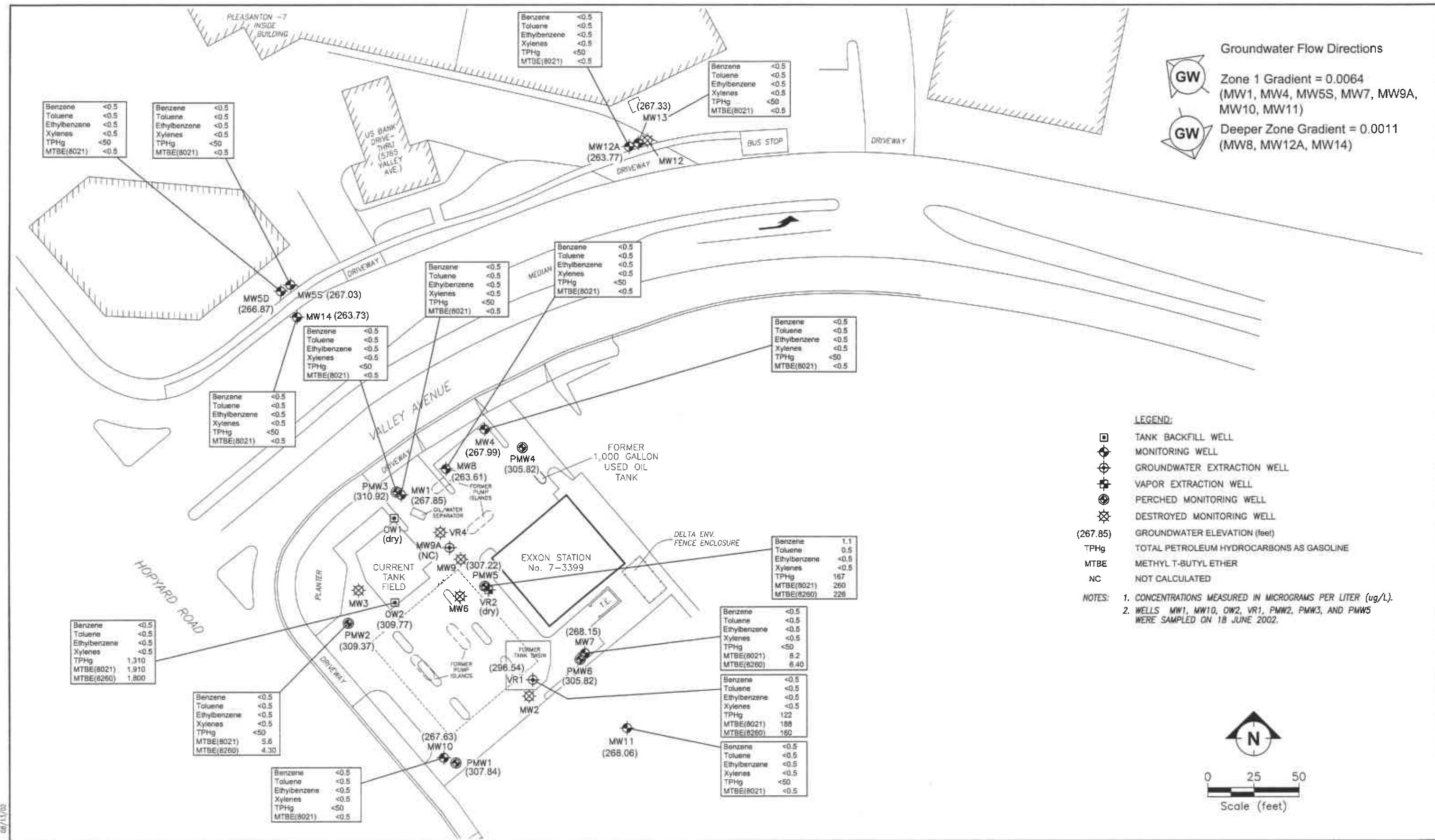
The GES will continue to be operated and monitored.

Attachments:

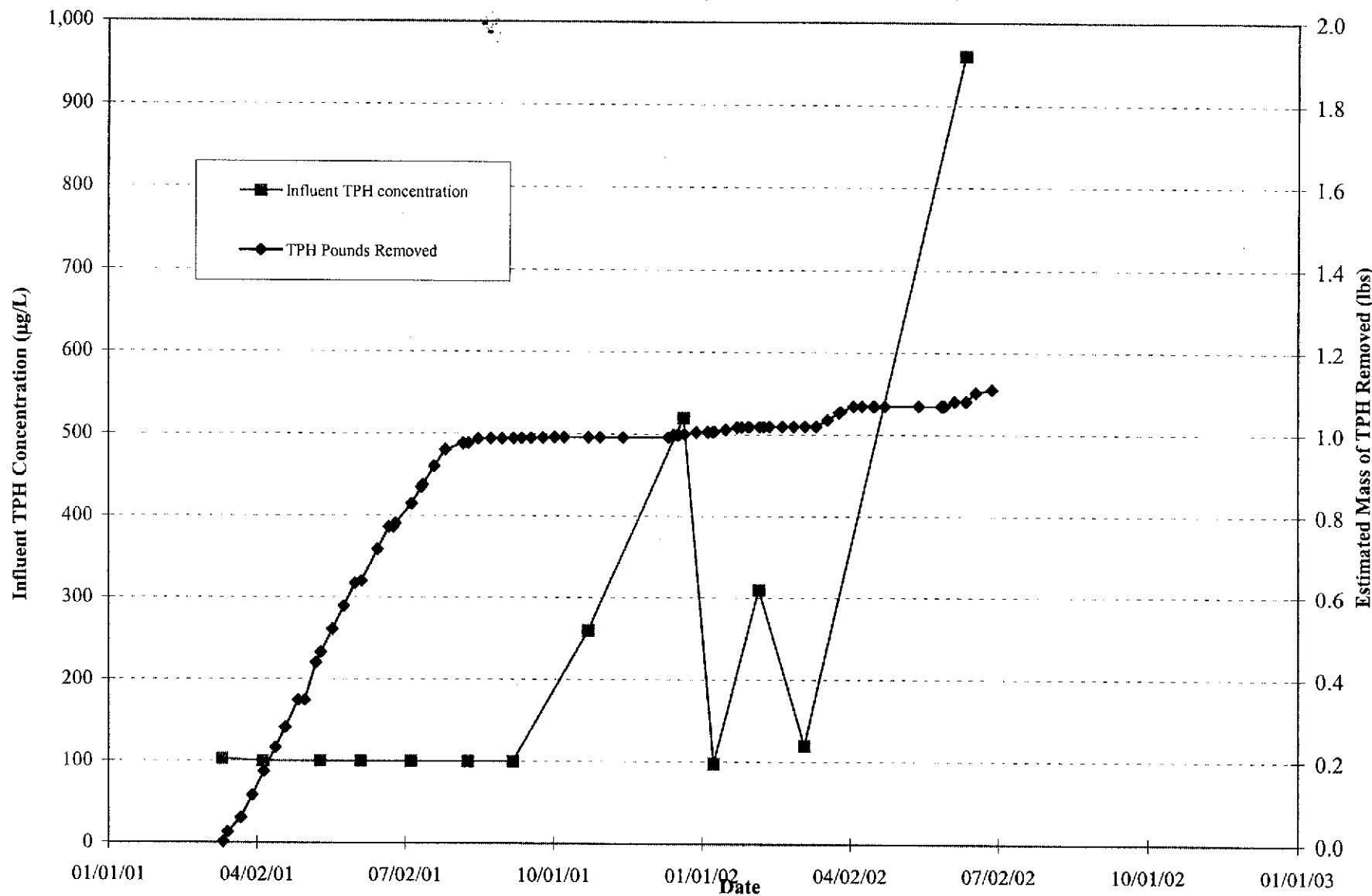
- Figure 1: Site Plan Showing Groundwater Elevations and Analytical Results
- Figure 2: Influent TPH Concentrations and Estimated Mass of TPH Removed by Groundwater Extraction
- Figure 3: Influent Benzene Concentrations and Estimated Mass of Benzene Removed by Groundwater Extraction
- Figure 4: Influent MTBE Concentrations and Estimated Mass of MTBE Removed by Groundwater Extraction

- Table 1: Well Construction Details
- Table 2: Groundwater Monitoring Data
- Table 3: Groundwater Monitoring Plan
- Table 4: Operation and Performance Data - Groundwater Extraction System
- Table 5: Summary of Analytical Results - Groundwater Extraction System

- Appendix A: Field Protocols
- Appendix B: Field Documents
- Appendix C: Laboratory Analytical Reports

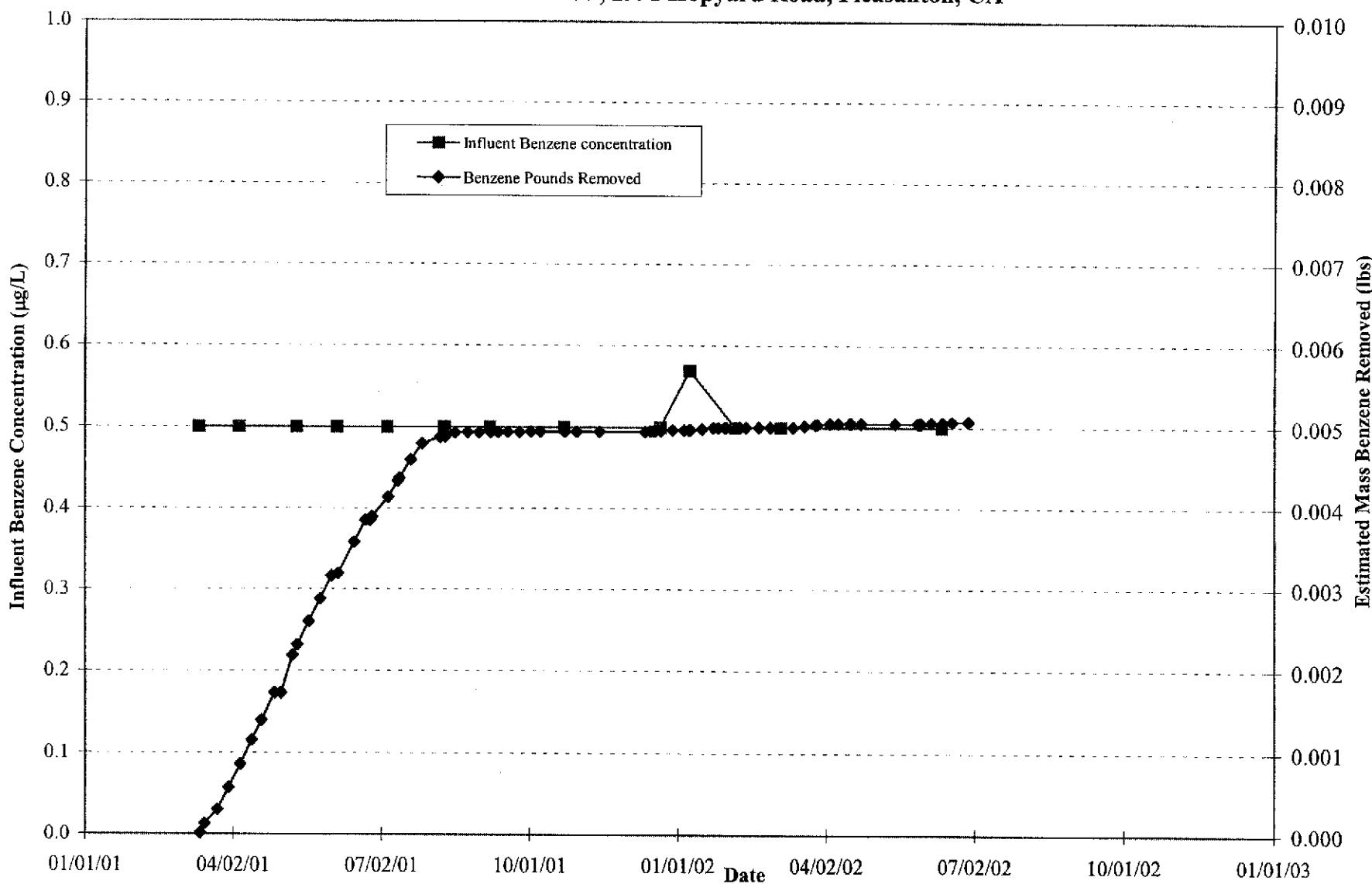


**Figure 2: Influent TPH Concentrations and Estimated Mass of TPH Removed by Groundwater Extraction**  
**Former Exxon 7-3399, 2991 Hopyard Road, Pleasanton, CA**



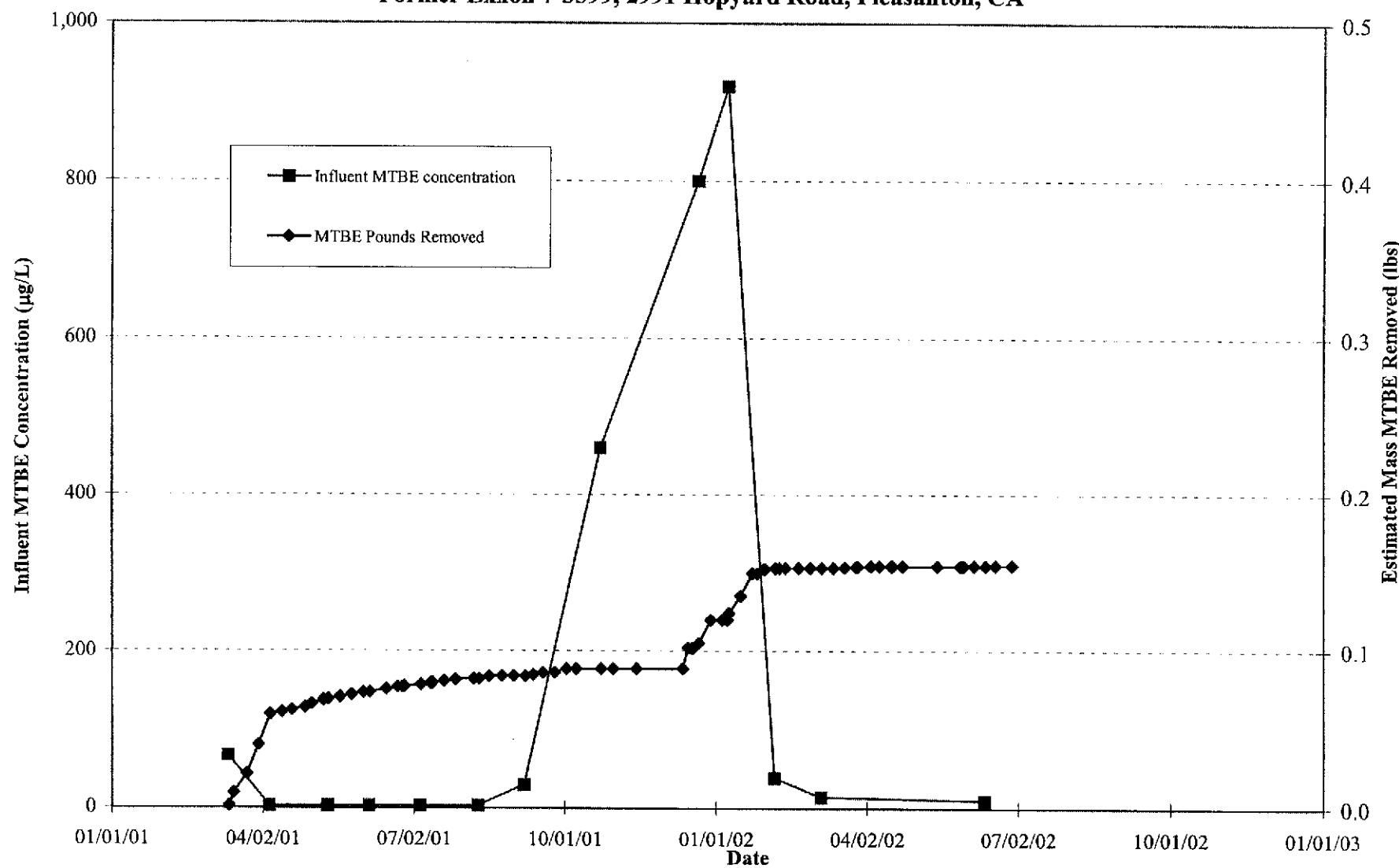
Note: When analyte is not detected, laboratory reporting limit is used for concentration and mass removed calculations.

**Figure 3: Influent Benzene Concentrations and Estimated Mass of Benzene Removed by Groundwater Extraction**  
**Former Exxon 7-3399, 2991 Hopyard Road, Pleasanton, CA**



Note: When analyte is not detected, laboratory reporting limit is used for concentration and mass removed calculations.

**Figure 4: Influent MTBE Concentrations and Estimated Mass of MTBE  
Removed by Groundwater Extraction**  
**Former Exxon 7-3399, 2991 Hopyard Road, Pleasanton, CA**



Note: When analyte is not detected, laboratory reporting limit is used for concentration and mass removed calculations.

TABLE 1 WELL CONSTRUCTION DETAILS, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well Number		Well Installation Date	Elevation TOC (feet)	Casing Material	Total Depth (feet)	Well Depth (feet)	Borehole Diameter (inches)	Casing Diameter (inches)	Screened Interval (feet)	Slot Size (inches)	Filter Pack Interval (feet)	Filter Pack Material
MW1	d	04/01/88	320.52	--	57	57	--	4	32-57	0.020	30-57	--
MW2	a	04/02/88		--	57	57	--	4	37-57	0.020	34-57	--
MW3	a	04/04/88		--	60	56	--	4	36-56	0.020	35-60	--
MW4	d	04/06/88	321.56	--	60	57	--	4	37-57	0.020	36-60	--
MW5D	d	05/10/88	321.79	--	82.0	77.5	--	4	67.5-77.5	0.020	64-77.5	--
MW5S	d	05/11/88	320.52	--	58	55	--	4	40-55	0.020	37.5-58	--
MW6	a	05/11/88		--	59	55	--	4	40-55	0.020	36-59	--
MW7	d	07/12/88	321.27	--	56.5	53	--	5	28-53	0.020	25-56.5	--
MW8	d	09/30/89	321.86	PVC	140	133	14	4	118-133	0.020	114-133	--
MW9	a	10/04/89		PVC	57.5	54.5	10	4	34.5-54.5	0.020	34-54.5	--
MW9A	d	11/03/00	321.27	PVC	59	58	12.25	6	35.0-55.0 55.0-58.0 c	0.020	33.0-58.0	#3 Sand
MW10	d	10/06/89	322.99	PVC	60.5	60	10	4	40-60	0.020	38-60	--
MW11	d	11/02/89	321.73	PVC	55.5	55	10	4	35-55	0.020	33-55	--
MW12	a	08/17/00		PVC	132	131.5	8.33	2	114.5-131.5	0.020	112.5-132	#3 Sand
MW12A	d	08/30/00	322.62	PVC	136	130.5	8.33	2	115.5-130.5	0.020	113.5-130.5	#3 Sand
MW13	d, b	08/23/00	322.71	PVC and Steel	73	72	8.33	2	61.5-72	0.020	57.5-73	#3 Sand
MW14	d	08/29/00	321.24	PVC	143	136	8.33	2	121.5-136.5	0.020	119.5-143	#3 Sand

TABLE 1 WELL CONSTRUCTION DETAILS, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well Number		Well Installation Date	Elevation TOC (feet)	Casing Material	Total Depth (feet)	Well Depth (feet)	Borehole Diameter (inches)	Casing Diameter (inches)	Screened Interval (feet)	Slot Size (inches)	Filter Pack Interval (feet)	Filter Pack Material
VR1	d	10/24/88	321.00	PVC	30	30	10	4	10-30	0.020	10-30	--
VR2		11/20/89	NM	PVC	45.5	45	8	2	35-45	0.020	33-45.5	--
VR3	a	11/20/89		PVC	35.5	35	8	2	5-35	0.020	4-35.5	--
VR4	a	11/24/89		PVC	35.5	32.5	8	2	12.5-32.5	0.020	4-35.5	--
OW1		tank backfill well	NM	--	--	--	--	4	e	--	--	--
OW2	d	tank backfill well	321.55	--	--	--	--	4	e	--	--	--
PMW1	d	12/16/99	322.75	PVC	16	16	10	4	6-16	0.010	5.5-16	#2/12 Sand
PMW2	d	12/16/99	322.37	PVC	16	16	10	4	6-16	0.010	5.5-16	#2/12 Sand
PMW3	d	12/16/99	321.27	PVC	16	16	10	4	6-16	0.010	5.5-16	#2/12 Sand
PMW4	d	12/16/99	321.37	PVC	16	16	10	4	6-16	0.010	5.5-16	#2/12 Sand
PMW5	d	12/16/99	320.04	PVC	35.5	16	10	4	6-16	0.010	5.5-16	#2/12 Sand
PMW6	d	12/17/99	321.38	PVC	16	16	10	4	6-16	0.010	5.5-16	#2/12 Sand

a Well destroyed.

b PVC screen from 61.5-72, stainless steel blank from 11.5-61.5, PVC blank from surface to 11.5.

c Depth of PVC sump at base of well.

d Well surveyed in October 2001. Elevation is based on City of Pleasanton Benchmark #C-972. Brass disc in concrete abutment, 15 feet north of the southeast corner of the south bound bridge over Mocho Canal. Elevation = 330.55 feet.

e Well screen is visible near surface and is assumed to extend to near total depth.

NM Not measured.

TABLE 1 WELL CONSTRUCTION DETAILS, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well Number	Well Installation Date	Elevation TOC (feet)	Casing Material	Total Depth (feet)	Well Depth (feet)	Borehole Diameter (inches)	Casing Diameter (inches)	Screened Interval (feet)	Slot Size (inches)	Filter Pack Interval (feet)	Filter Pack Material
PVC	Polyvinyl chloride.										
TOC	Top of casing.										
--	Information not available.										

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethyl-benzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	TPH as MTBE ( $\mu\text{g/L}$ )
MW1	04/02/88	321.44	NM	NC	NM	<0.5	1.7	<0.5	<0.5	<20	NA
MW1	04/06/88	321.44	36.34	285.10	0.00	NS	NS	NS	NS	NS	NS
MW1	04/08/88	321.44	36.29	285.15	0.00	NS	NS	NS	NS	NS	NS
MW1	04/19/88	321.44	36.36	285.08	0.00	NS	NS	NS	NS	NS	NS
MW1	06/06/88	321.44	38.16	283.28	0.00	NS	NS	NS	NS	NS	NS
MW1	06/23/88	321.44	38.71	282.73	0.00	NS	NS	NS	NS	NS	NS
MW1	06/28/88	321.44	39.16	282.28	0.00	NS	NS	NS	NS	NS	NS
MW1	07/06/88	321.44	39.73	281.71	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW1	07/13/88	321.44	40.22	281.22	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW1	08/12/88	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW1	08/26/88	321.44	41.90	279.54	0.00	NS	NS	NS	NS	NS	NS
MW1	09/07/88	321.44	42.27	279.17	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW1	12/07/88	321.44	43.94	277.50	0.00	NS	NS	NS	NS	NS	NS
MW1	12/19/88	321.44	43.70	277.74	0.00	NS	NS	NS	NS	NS	NS
MW1	02/09/89	321.44	42.53	278.91	0.00	NS	NS	NS	NS	NS	NS
MW1	03/03/89	321.44	NM	NC	NM	1.6	<0.5	<0.5	<0.5	<20	NA
MW1	03/08/89	321.44	41.96	279.48	0.00	NS	NS	NS	NS	NS	NS
MW1	04/03/89	321.44	41.59	279.85	0.00	NS	NS	NS	NS	NS	NS
MW1	04/26/89	321.44	41.67	279.77	0.00	NS	NS	NS	NS	NS	NS
MW1	06/30/89	321.44	43.79	277.65	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW1	07/17/89	321.44	44.74	276.70	0.00	<0.5	<0.5	<0.5	<0.5	23	NA
MW1	07/18/89	321.44	44.76	276.68	0.00	NS	NS	NS	NS	NS	NS
MW1	07/19/89	321.44	44.82	276.62	0.00	NS	NS	NS	NS	NS	NS
MW1	07/20/89	321.44	44.85	276.59	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW1	07/21/89	321.44	44.95	276.49	0.00	NS	NS	NS	NS	NS	NS
MW1	07/26/89	321.44	45.42	276.02	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW1	08/02/89	321.44	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethyl-benzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
MW1	08/03/89	321.44	46.18	275.26	0.00	NS	NS	NS	NS	NS	NS
MW1	08/17/89	321.44	47.12	274.32	0.00	NS	NS	NS	NS	NS	NS
MW1	09/13/89	321.44	49.08	272.36	0.00	39	0.6	<0.5	5.1	220	NA
MW1	11/28/89	321.44	50.21	271.23	0.00	NS	NS	NS	NS	NS	NS
MW1	12/20/89	321.44	NM	NC	NM	56	0.72	<0.5	0.71	220	NA
MW1	01/09/90	321.44	49.31	272.13	0.00	NS	NS	NS	NS	NS	NS
MW1	01/25/90	321.44	NM	NC	NM	18	1.6	<0.5	1.8	57	NA
MW1	01/26/90	321.44	49.29	272.15	0.00	NS	NS	NS	NS	NS	NS
MW1	02/23/90	321.44	49.02 <sup>a</sup>	272.42	0.00	NS	NS	NS	NS	NS	NS
MW1	02/23/90	321.44	49.02	272.42	0.00	NS	NS	NS	NS	NS	NS
MW1	02/27/90	321.44	NM	NC	NM	3.2	2.3	<0.5	3.2	55	NA
MW1	03/26/90	321.44	48.71 <sup>a</sup>	272.73	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW1	03/26/90	321.44	48.70	272.74	0.00	NS	NS	NS	NS	NS	NS
MW1	04/18/90	321.44	48.79	272.65	0.00	1.1	1.6	<0.5	3.1	25	NA
MW1	05/17/90	321.44	49.40	272.04	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW1	06/11/90	321.44	50.83	270.61	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW1	07/30/90	321.44	52.17	269.27	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW1	08/27/90	321.44	53.44	268.00	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW1	09/28/90	321.44	53.40	268.04	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW1	12/27/90	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW1	03/20/91	321.44	53.35	268.09	0.00	NS	NS	NS	NS	NS	NS
MW1	06/20/91	321.44	53.55 <sup>—</sup>	267.89	0.00	NS	NS	NS	NS	NS	NS
MW1	09/12/91	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW1	12/30/91	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW1	01/30/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW1	02/16/93	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW1	03/02/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethyl-benzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )	TPH as gasoline ( $\mu\text{g}/\text{L}$ )	MTBE ( $\mu\text{g}/\text{L}$ )
MW1	03/24/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW1	04/14/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW1	05/21/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW1	06/08/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW1	07/14/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW1	08/10/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW1	09/16/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW1	10/07/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW1	11/09/92	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW1	12/10/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW1	01/26/93	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW1	02/16/93	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW1	03/11/93	321.44	53.09	268.35	0.00	NS	NS	NS	NS	NS	NS
MW1	04/12/93	321.44	53.32	268.12	0.00	NS	NS	NS	NS	NS	NS
MW1	06/01/93	321.44	53.40	268.04	0.00	NS	NS	NS	NS	NS	NS
MW1	07/15/93	321.44	59.80	261.64	0.00	NS	NS	NS	NS	NS	NS
MW1	08/15/93	321.44	53.45	267.99	0.00	NS	NS	NS	NS	NS	NS
MW1	09/29/93	321.44	53.43	268.01	0.00	NS	NS	NS	NS	NS	NS
MW1	09/30/93	321.44	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW1	10/28/93	321.44	53.38	268.06	0.00	NS	NS	NS	NS	NS	NS
MW1	11/23/93	321.44	53.46	267.98	0.00	NS	NS	NS	NS	NS	NS
MW1	11/24/93	321.44	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW1	03/10-11/94	321.44	53.46	267.98	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW1	05/04-05/94	321.44	53.34	268.10	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW1	09/01/94 <sup>e</sup>	321.44	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW1	11/16/94	321.44	52.09	269.35	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW1	02/15/95	321.44	49.41	272.03	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethyl-benzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )	TPH as gasoline ( $\mu\text{g}/\text{L}$ )	MTBE ( $\mu\text{g}/\text{L}$ )
MW1	05/09/95	321.44	39.97	281.47	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW1	08/21/95	321.44	40.68	280.76	0.00	<0.5	0.83	<0.5	<0.5	<50	<2.5
MW1	11/30/95	321.44	38.99	282.45	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW1	03/28/96	321.44	35.70	285.74	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW1	05/31/96	321.44	34.17	287.27	0.00	<0.5	<0.5	<0.5	<0.5	52	<5.0
MW1	08/28/96	321.44	38.37	283.07	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW1	11/18/96	321.44	38.40	283.04	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW1	02/28/97	321.44	33.29	288.15	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW1	05/23/97	321.44	33.63	287.91	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW1	09/23/97	321.44	38.05	283.39	0.00	<0.5	<0.5	<0.5	<0.5	<50	29
MW1	12/30/97	321.44	36.74	284.70	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW1	03/24/98	321.44	31.65	289.79	0.00	1.4	2.5	<0.5	1.4	<50	16
MW1	06/15/98	321.44	29.28	292.16	0.00	<0.5	<0.5	<0.5	<0.5	<50	22
MW1	09/11/98	321.44	34.94	286.50	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW1	12/09/98	321.44	31.14	290.30	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
MW1	03/31/99	321.44	28.10	293.34	0.00	<0.5	<0.5	<0.5	<0.5	<50	124/131 <sup>f</sup>
MW1	06/30/99	321.44	33.94	287.50	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW1	08/03/99	321.44	37.94	283.50	0.00	NS	NS	NS	NS	NS	NS
MW1	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>
MW1	12/22/99	320.52	9.93	310.59	0.00	1.9	1.4	1.5	7.3	<50	990 <sup>f</sup>
MW1	01/21/00	320.52	39.35	281.17	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
MW1	04/04/00	320.52	34.70	285.82	0.00	<1	<1	<1	<1	<50	<1
MW1	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
MW1	06/28/00	320.52	39.72	280.80	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
MW1	09/26/00	320.52	43.26	277.26	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
MW1	12/28/00	320.52	42.90	277.62	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 <sup>f</sup>
MW1	03/28/01	320.52	42.36	278.16	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 <sup>f</sup>

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethyl-benzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
MW1	06/25/01	320.52	45.51	275.01	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW1	09/26/01	320.52	53.21	267.31	0.00	3.0	4.4	1.2	5.2	<50	<2.5
MW1	12/17/01	320.52	53.21	267.31	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW1	03/18/02	320.52	52.31	268.21	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5
MW1	06/17/02	320.52	52.67	267.85	0.00	NS	NS	NS	NS	NS	NS
MW1	06/18/02	320.52	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5
MW2	04/02/88	NM	NM	NC	0.25	NS	NS	NS	NS	NS	NS
MW2	04/04/88	NM	NM	NC	1.5	NS	NS	NS	NS	NS	NS
MW2	04/05/88	NM	NM	NC	1.5	NS	NS	NS	NS	NS	NS
MW2	04/06/88	NM	39.31	NC	3.2	NS	NS	NS	NS	NS	NS
MW2	04/08/88	NM	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW2	04/19/88	NM	38.90	NC	2.48	NS	NS	NS	NS	NS	NS
MW2	06/06/88	NM	38.78	NC	0.26	NS	NS	NS	NS	NS	NS
MW2	06/23/88	NM	39.23	NC	0.13	NS	NS	NS	NS	NS	NS
MW2	06/28/88	NM	39.72	NC	NM	NS	NS	NS	NS	NS	NS
MW2	07/06/88	NM	40.31	NC	Slight sheen	25,700	18,500	2,900	21,400	62,000	NA
MW2	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
MW3	04/08/88	NM	37.14	NC	0.00	NS	NS	NS	NS	NS	NS
MW3	04/19/88	NM	37.22	NC	0.00	NS	NS	NS	NS	NS	NS
MW3	06/06/88	NM	39.02	NC	0.00	NS	NS	NS	NS	NS	NS
MW3	06/23/88	NM	39.58	NC	0.00	NS	NS	NS	NS	NS	NS
MW3	06/28/88	NM	40.04	NC	0.00	NS	NS	NS	NS	NS	NS
MW3	07/06/88	NM	40.60	NC	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW3	07/13/88	NM	41.09	NC	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

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

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethyl-benzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
MW4	07/26/89	321.56	45.50	276.06	0.00	<0.5	<0.5	<0.5	<0.5	66	NA
MW4	08/02/89	321.56	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW4	08/03/89	321.56	46.28	275.28	0.00	NS	NS	NS	NS	NS	NS
MW4	08/17/89	321.56	47.22	274.34	0.00	NS	NS	NS	NS	NS	NS
MW4	09/13/89	321.56	49.19	272.37	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW4	11/28/89	321.56	50.34	271.22	0.00	NS	NS	NS	NS	NS	NS
MW4	12/20/89	321.56	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
MW4	01/09/90	321.56	49.47	272.09	0.00	NS	NS	NS	NS	NS	NS
MW4	01/26/90	321.56	49.36	272.20	0.00	NS	NS	NS	NS	NS	NS
MW4	02/23/90	321.56	49.18 <sup>a</sup>	272.38	0.00	NS	NS	NS	NS	NS	NS
MW4	02/23/90	321.56	49.15	272.41	0.00	NS	NS	NS	NS	NS	NS
MW4	03/26/90	321.56	48.84 <sup>a</sup>	272.72	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW4	03/26/90	321.56	48.83	272.73	0.00	NS	NS	NS	NS	NS	NS
MW4	04/18/90	321.56	48.90	272.66	0.00	NS	NS	NS	NS	NS	NS
MW4	05/17/90	321.56	50.03	271.53	0.00	NS	NS	NS	NS	NS	NS
MW4	06/11/90	321.56	50.98	270.58	0.00	NS	NS	NS	NS	NS	NS
MW4	07/30/90	321.56	53.57	267.99	0.00	NS	NS	NS	NS	NS	NS
MW4	08/01/90	321.56	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
MW4	08/27/90	321.56	53.61	267.95	0.00	NS	NS	NS	NS	NS	NS
MW4	09/28/90	321.56	53.57	267.99	0.00	NS	NS	NS	NS	NS	NS
MW4	12/27/90	321.56	53.68	267.88	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW4	03/20/91	321.56	53.56	268.00	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW4	06/20/91	321.56	53.75	267.81	0.00	NS	NS	NS	NS	NS	NS
MW4	09/12/91	321.56	53.70	267.86	0.00	NS	NS	NS	NS	NS	NS
MW4	12/30/91	321.56	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW4	01/30/92	321.56	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW4	03/02/92	321.56	53.83	267.73	0.00	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethyl-benzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
MW4	03/24/92	321.56	53.73	267.83	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW4	04/14/92	321.56	53.76	267.80	0.00	NS	NS	NS	NS	NS	NS
MW4	05/21/92	321.56	54.73	266.83	0.00	NS	NS	NS	NS	NS	NS
MW4	06/08/92	321.56	53.80	267.76	0.00	NS	NS	NS	NS	NS	NS
MW4	07/14/92	321.56	53.60	267.96	0.00	NS	NS	NS	NS	NS	NS
MW4	08/10/92	321.56	53.71	267.85	0.00	NS	NS	NS	NS	NS	NS
MW4	09/16/92	321.56	53.89	267.67	0.00	NS	NS	NS	NS	NS	NS
MW4	10/07/92	321.56	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW4	11/09/92	321.56	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW4	12/10/92	321.56	53.83	267.73	0.00	57	34	11	200	600	NA
MW4	01/26/93	321.56	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW4	02/16/93	321.56	53.64	267.92	0.00	NS	NS	NS	NS	NS	NS
MW4	03/11/93	321.56	53.54	268.02	0.00	NS	NS	NS	NS	NS	NS
MW4	04/12/93	321.56	53.62	267.94	0.00	20	10	22	80	360	NA
MW4	06/01/93	321.56	53.52	268.04	0.00	NS	NS	NS	NS	NS	NS
MW4	07/15/93	321.56	53.80	267.76	0.00	NS	NS	NS	NS	NS	NS
MW4	08/15/93	321.56	53.65	267.91	0.00	NS	NS	NS	NS	NS	NS
MW4	09/29/93	321.56	54.23	267.33	0.00	NS	NS	NS	NS	NS	NS
MW4	09/30/93	321.56	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW4	10/28/93	321.56	53.54	268.25	0.00	NS	NS	NS	NS	NS	NS
MW4	11/23/93	321.56	53.57	267.99	0.00	NS	NS	NS	NS	NS	NS
MW4	11/24/93	321.56	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW4	03/10-11/94	321.56	53.64	267.92	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW4	05/04-05/94	321.56	53.54	268.02	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW4	09/01/94 <sup>e</sup>	321.56	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW4	11/16/94	321.56	52.96	268.60	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW4	02/15/95	321.56	50.37	271.19	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethyl-benzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )	TPH as gasoline ( $\mu\text{g}/\text{L}$ )	MTBE ( $\mu\text{g}/\text{L}$ )
MW4	05/09/95	321.56	44.86	276.70	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW4	08/21/95	321.56	41.71	279.85	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.6
MW4	11/30/95	321.56	39.95	281.61	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW4	03/28/96	321.56	36.76	284.80	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW4	05/31/96	321.56	35.19	286.37	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW4	08/28/96	321.56	39.39	282.17	0.00	NS	NS	NS	NS	NS	NS
MW4	11/18/96	321.56	39.42	282.14	0.00	NS	NS	NS	NS	NS	NS
MW4	02/28/97	321.56	34.38	287.18	0.00	NS	NS	NS	NS	NS	NS
MW4	05/23/97	321.56	34.66	286.90	0.00	NS	NS	NS	NS	NS	NS
MW4	09/23/97	321.56	39.05	282.51	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW4	12/30/97	321.56	37.78	283.78	0.00	NS	NS	NS	NS	NS	NS
MW4	03/24/98	321.56	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW4	06/15/98	321.56	30.32	291.24	0.00	NS	NS	NS	NS	NS	NS
MW4	09/11/98	321.56	35.97	285.59	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW4	12/09/98	321.56	32.93	288.63	0.00	NS	NS	NS	NS	NS	NS
MW4	03/31/99	321.56	29.71	291.85	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
MW4	06/30/99	321.56	34.99	286.57	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.65/3.12 <sup>f,h</sup>
MW4	08/03/99	321.56	38.52	283.04	0.00	NS	NS	NS	NS	NS	NS
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>
MW4	12/22/99	321.56	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW4	04/04/00	321.56	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW4	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
MW4	06/28/00	321.56	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
MW4	09/26/00	321.56	44.24	277.32	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
MW4	12/28/00	321.56	43.92	277.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 <sup>f</sup>
MW4	03/28/01	321.56	43.39	278.17	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 <sup>f</sup>
MW4	06/25/01	321.56	46.56	275.00	0.00	<0.5	<0.5	<0.5	0.66	<50	<2.5

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW4	09/26/01	321.56	53.51	268.05	0.00	<0.5	0.69	<0.5	0.96	<50	<2.5
MW4	12/17/01	321.56	53.51	268.05	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW4	03/18/02	321.56	53.28	268.28	0.00	NS	NS	NS	NS	NS	NS
MW4	03/19/02	321.56	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5
MW4	06/17/02	321.56	53.57	267.99	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5
MW5S	05/25/88	321.64	38.46	283.18	0.00	<0.5	0.9	<0.5	<0.5	<20	NA
MW5S	06/06/88	321.64	38.86	282.78	0.00	NS	NS	NS	NS	NS	NS
MW5S	06/23/88	321.64	39.52	282.12	0.00	NS	NS	NS	NS	NS	NS
MW5S	06/28/88	321.64	39.84	281.80	0.00	NS	NS	NS	NS	NS	NS
MW5S	07/06/88	321.64	40.45	281.19	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW5S	07/13/88	321.64	40.90	280.74	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW5S	07/22/88	321.64	41.30	280.34	0.00	0.9	4.1	1.3	8.7	50	NA
MW5S	08/05/88	321.64	23.84 <sup>b</sup>	297.80	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW5S	08/12/88	321.64	42.21	279.43	0.00	NS	NS	NS	NS	NS	NS
MW5S	08/26/88	321.64	42.55	279.09	0.00	NS	NS	NS	NS	NS	NS
MW5S	09/07/88	321.64	42.94	278.70	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW5S	12/07/88	321.64	44.67	276.97	0.00	NS	NS	NS	NS	NS	NS
MW5S	02/09/89	321.64	43.19	278.45	0.00	NS	NS	NS	NS	NS	NS
MW5S	03/08/89	321.64	42.11	279.53	0.00	<0.5	<0.5	<0.5	<1.0	<20	NA
MW5S	04/26/89	321.64	41.84	279.80	0.00	NS	NS	NS	NS	NS	NS
MW5S	06/30/89	321.64	43.95	277.69	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW5S	07/17/89	321.64	44.91	276.73	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW5S	07/18/89	321.64	44.93	276.71	0.00	NS	NS	NS	NS	NS	NS
MW5S	07/19/89	321.64	44.98	276.66	0.00	NS	NS	NS	NS	NS	NS
MW5S	07/20/89	321.64	45.02	276.62	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW5S	07/21/89	321.64	45.10	276.54	0.00	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

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

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethyl-benzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
MW5S	04/14/92	321.64	53.74	267.90	0.00	NS	NS	NS	NS	NS	NS
MW5S	05/21/92	321.64	53.77	267.87	0.00	NS	NS	NS	NS	NS	NS
MW5S	06/08/92	321.64	53.81	267.83	0.00	NS	NS	NS	NS	NS	NS
MW5S	07/14/92	321.64	53.74	267.90	0.00	NS	NS	NS	NS	NS	NS
MW5S	08/10/92	321.64	53.78	267.86	0.00	NS	NS	NS	NS	NS	NS
MW5S	09/16/92	321.64	53.90	267.74	0.00	NS	NS	NS	NS	NS	NS
MW5S	10/07/92	321.64	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW5S	11/09/92	321.64	53.87	267.77	0.00	NS	NS	NS	NS	NS	NS
MW5S	12/10/92	321.64	53.78	267.86	0.00	NS	NS	NS	NS	NS	NS
MW5S	01/26/93	321.64	53.38	268.26	0.00	NS	NS	NS	NS	NS	NS
MW5S	02/16/93	321.64	53.44	268.20	0.00	NS	NS	NS	NS	NS	NS
MW5S	03/11/93	321.64	53.28	268.36	0.00	NS	NS	NS	NS	NS	NS
MW5S	04/12/93	321.64	53.42	268.22	0.00	11	5.9	13	48	220	NA
MW5S	06/01/93	321.64	53.56	268.08	0.00	NS	NS	NS	NS	NS	NS
MW5S	07/15/93	321.64	53.00	268.64	0.00	NS	NS	NS	NS	NS	NS
MW5S	08/15/93	321.64	53.60	268.04	0.00	NS	NS	NS	NS	NS	NS
MW5S	09/29/93	321.64	53.62	268.02	0.00	NS	NS	NS	NS	NS	NS
MW5S	09/30/93	321.64	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5S	10/28/93	321.64	54.62	267.02	0.00	NS	NS	NS	NS	NS	NS
MW5S	11/23/93	321.64	53.62	268.02	0.00	NS	NS	NS	NS	NS	NS
MW5S	03/10-11/94	321.64	53.61	268.03	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5S	05/04-05/94	321.64	53.52	268.12	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5S	09/01/94 <sup>e</sup>	321.64	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5S	11/16/94	321.64	53.05	268.59	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5S	09/01/94	321.64	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5S	11/16/94	321.64	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5S	02/15/95	321.64	50.55	271.09	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethyl-benzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )	TPH as gasoline ( $\mu\text{g}/\text{L}$ )	MTBE ( $\mu\text{g}/\text{L}$ )
MW5S	05/09/95	321.64	44.96	276.68	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5S	08/21/95	321.64	41.77	279.87	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5S	11/30/95	321.64	39.95	281.69	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW5S	03/28/96	321.64	36.80	284.84	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW5S	05/31/96	321.64	35.28	286.36	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW5S	08/28/96	321.64	39.46	282.18	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW5S	11/18/96	321.64	39.47	282.17	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW5S	02/28/97	321.64	34.44	287.20	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5S	05/23/97	321.64	34.72	286.92	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5S	09/23/97	321.64	39.09	282.55	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5S	12/30/97	321.64	37.83	283.81	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5S	03/24/98	321.64	32.76	288.88	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5S	06/15/98	321.64	30.46	291.18	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5S	09/11/98	321.64	36.04	285.60	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5S	12/09/98	321.64	33.00	288.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
MW5S	03/31/99	321.64	29.20	292.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
MW5S	06/30/99	321.64	35.08	286.56	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5S	08/03/99	321.64	38.62	283.02	0.00	NS	NS	NS	NS	NS	NS
MW5S	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>
MW5S	12/22/99	320.52	42.05	278.47	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
MW5S	04/04/00	320.52	35.91	284.61	0.00	<1	<1	<1	<1	<50	<1
MW5S	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
MW5S	06/28/00	320.52	40.75	279.77	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
MW5S	09/26/00	320.52	44.34	276.18	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
MW5S	12/28/00	320.52	43.95	276.57	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 <sup>f</sup>
MW5S	03/28/01	320.52	43.41	277.11	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 <sup>f</sup>
MW5S	06/25/01	320.52	46.58	273.94	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW5S	09/26/01	320.52	53.47	267.05	0.00	1.8	2.8	0.94	4.4	<50	<2.5
MW5S	12/17/01	320.52	53.52	267.00	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5S	03/18/02	320.52	53.25	267.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5
<b>MW5S</b>	<b>06/17/02</b>	<b>320.52</b>	<b>53.49</b>	<b>267.03</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;0.5</b>
MW5D	05/25/88	321.79	38.55	283.24	0.00	<0.5	3.1	<0.5	<0.5	<20	NA
MW5D	06/06/88	321.79	38.90	282.89	0.00	NS	NS	NS	NS	NS	NS
MW5D	06/23/88	321.79	39.56	282.23	0.00	NS	NS	NS	NS	NS	NS
MW5D	06/28/88	321.79	40.23	281.56	0.00	NS	NS	NS	NS	NS	NS
MW5D	07/06/88	321.79	40.69	281.10	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW5D	07/13/88	321.79	41.22	280.57	0.00	<0.5	<0.5	<0.5	<0.5	40	NA
MW5D	08/12/88	321.79	42.34	279.45	0.00	NS	NS	NS	NS	NS	NS
MW5D	08/26/88	321.79	42.60	279.19	0.00	NS	NS	NS	NS	NS	NS
MW5D	09/07/88	321.79	42.99	278.80	0.00	NS	NS	NS	NS	NS	NS
MW5D	12/07/88	321.79	44.58	277.21	0.00	NS	NS	NS	NS	NS	NS
MW5D	02/09/89 <sup>c</sup>	321.79	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW5D	03/08/89 <sup>d</sup>	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
MW5D	03/08/89	321.79	42.49	279.30	0.00	NS	NS	NS	NS	NS	NS
MW5D	04/03/89	321.79	42.21	279.58	0.00	NS	NS	NS	NS	NS	NS
MW5D	04/26/89	321.79	42.36	279.43	0.00	NS	NS	NS	NS	NS	NS
MW5D	06/30/89	321.79	44.79	277.00	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW5D	07/17/89	321.79	45.73	276.06	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW5D	07/18/89	321.79	45.75	276.04	0.00	NS	NS	NS	NS	NS	NS
MW5D	07/19/89	321.79	44.89	276.90	0.00	NS	NS	NS	NS	NS	NS
MW5D	07/20/89	321.79	46.02	275.77	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW5D	07/21/89	321.79	46.18	275.61	0.00	NS	NS	NS	NS	NS	NS
MW5D	07/26/89	321.79	46.83	274.96	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethyl-benzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
MW5D	08/02/89	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
MW5D	08/03/89	321.79	47.67	274.12	0.00	NS	NS	NS	NS	NS	NS
MW5D	08/17/89	321.79	48.27	273.52	0.00	NS	NS	NS	NS	NS	NS
MW5D	09/13/89	321.79	50.60	271.19	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW5D	11/28/89	321.79	51.16	270.63	0.00	NS	NS	NS	NS	NS	NS
MW5D	12/20/89	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
MW5D	01/09/90	321.79	50.42	271.37	0.00	NS	NS	NS	NS	NS	NS
MW5D	01/26/90	321.79	50.10	271.69	0.00	NS	NS	NS	NS	NS	NS
MW5D	02/23/90	321.79	50.08	271.71	0.00	NS	NS	NS	NS	NS	NS
MW5D	03/26/90	321.79	49.80 <sup>f</sup>	271.99	0.00	NS	NS	NS	NS	NS	NS
MW5D	03/26/90	321.79	49.77	272.02	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW5D	04/18/90	321.79	49.80	271.99	0.00	NS	NS	NS	NS	NS	NS
MW5D	05/17/90	321.79	51.32	270.47	0.00	NS	NS	NS	NS	NS	NS
MW5D	06/11/90	321.79	52.10	269.69	0.00	NS	NS	NS	NS	NS	NS
MW5D	07/30/90	321.79	53.47	268.32	0.00	NS	NS	NS	NS	NS	NS
MW5D	08/01/90	321.79	NM	NM	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
MW5D	08/27/90	321.79	58.24	263.55	0.00	NS	NS	NS	NS	NS	NS
MW5D	09/29/90	321.79	60.70	261.09	0.00	NS	NS	NS	NS	NS	NS
MW5D	12/27/90	321.79	62.52	259.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5D	03/20/91	321.79	59.18	262.61	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5D	06/20/91	321.79	65.02	256.77	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5D	09/12/91	321.79	DRY	DRY	NM	NS	NS	NS	NS	NS	NS
MW5D	12/30/91	321.79	DRY	DRY	NM	NS	NS	NS	NS	NS	NS
MW5D	01/30/92	321.79	DRY	DRY	NM	NS	NS	NS	NS	NS	NS
MW5D	03/02/92	321.79	DRY	DRY	NM	NS	NS	NS	NS	NS	NS
MW5D	03/24/92	321.79	74.98	246.81	0.00	NS	NS	NS	NS	NS	NS
MW5D	04/14/92	321.79	74.42	247.37	0.00	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethyl-benzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
MW5D	05/21/92	321.79	75.67	246.12	0.00	NS	NS	NS	NS	NS	NS
MW5D	06/08/92	321.79	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW5D	07/14/92	321.79	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW5D	08/10/92	321.79	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW5D	09/16/92	321.79	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW5D	10/07/92	321.79	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW5D	11/09/92	321.79	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW5D	12/10/92	321.79	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW5D	01/26/93	321.79	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW5D	02/16/93	321.79	76.47	245.32	0.00	NS	NS	NS	NS	NS	NS
MW5D	03/11/93	321.79	74.03	247.76	0.00	NS	NS	NS	NS	NS	NS
MW5D	04/12/93	321.79	70.96	250.83	0.00	1.0	1.0	2.5	7.4	<50	NA
MW5D	06/01/93	321.79	67.64	254.15	0.00	NS	NS	NS	NS	NS	NS
MW5D	07/15/93	321.79	54.40	267.39	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5D	08/15/93	321.79	67.85	253.94	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5D	09/29/93	321.79	67.62	254.17	0.00	NS	NS	NS	NS	NS	NS
MW5D	09/30/93	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5D	10/28/93	321.79	66.15	255.49	0.00	NS	NS	NS	NS	NS	NS
MW5D	11/23/93	321.79	64.80	256.84	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5D	03/10-11/94	321.79	59.10	262.69	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5D	05/04-05/94	321.79	55.66	265.13	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5D	09/01/94 <sup>e</sup>	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5D	11/16/94	321.79	54.36	268.74	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5D	02/15/95	321.79	51.20	270.59	0.00	NS	NS	NS	NS	NS	NS
MW5D	05/09/95	321.79	45.49	276.30	0.00	NS	NS	NS	NS	NS	NS
MW5D	05/12/95	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5D	08/21/95	321.79	42.35	279.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethyl-benzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
MW5D	11/30/95	321.79	43.60	278.19	0.00	5.4	10	1.4	12	77	<5.0
MW5D	03/28/96	321.79	37.12	284.67	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW5D	05/31/96	321.79	35.67	286.12	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW5D	08/28/96	321.79	40.22	281.57	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW5D	11/18/96	321.79	39.89	281.90	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW5D	02/28/97	321.79	34.75	287.04	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5D <sup>D</sup>	02/28/97	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5D <sup>R</sup>	02/28/97	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5D	05/23/97	321.79	35.21	286.58	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5D <sup>D</sup>	05/23/97	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5D <sup>R</sup>	05/23/97	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5D	09/23/97	321.79	39.58	282.21	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5D <sup>D</sup>	09/23/97	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5D <sup>R</sup>	09/23/97	321.79	NM	NC	NM	<0.5	1.5	<0.5	<0.5	<50	3.0
MW5D	12/30/97	321.79	38.30	283.49	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5D <sup>D</sup>	12/30/97	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5D <sup>R</sup>	12/30/97	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW5D	03/24/98	321.79	32.77	289.02	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5D	06/15/98	321.79	30.69	291.10	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5D <sup>D</sup>	06/15/98	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5D	09/11/98	321.79	36.68	285.11	0.00	<0.5	<0.5	<0.5	<0.5	<50	33
MW5D <sup>D</sup>	09/11/98	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	35
MW5D	10/28/98	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
MW5D	12/09/98	321.79	32.70	289.09	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
MW5D <sup>D</sup>	12/09/98	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
MW5D <sup>R</sup>	12/09/98	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
MW5D	03/31/99	321.79	28.91	292.88	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethyl-benzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )	TPH as gasoline ( $\mu\text{g}/\text{L}$ )	MTBE ( $\mu\text{g}/\text{L}$ )
MW5D <sup>D</sup>	03/31/99	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0
MW5D	06/30/99	321.79	35.90	289.89	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5D <sup>D</sup>	06/30/99	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	3.3/<0.5 <sup>f,h</sup>
MW5D <sup>R</sup>	06/30/99	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5D	08/03/99	321.79	40.39	281.40	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
MW5D <sup>D</sup>	08/03/99	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
MW5D	09/24/99	321.79	44.25	277.54	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
MW5D <sup>D</sup>	09/24/99	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
MW5D <sup>R</sup>	09/24/99	321.79	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
MW5D	12/22/99	321.79	38.51	283.28	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
MW5D <sup>D</sup>	12/22/99	321.79	NM	NC	NM	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
MW5D	04/04/00	321.79	30.05	291.74	0.00	<1	<1	<1	<1	<50	<1
MW5D	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
MW5D	06/28/00	321.79	42.00	279.79	0.00	<0.5	<0.5	<0.5	<0.5	<50	1.47 <sup>f</sup>
MW5D	09/26/00	321.79	45.05	276.74	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
MW5D	12/28/00	321.79	44.44	277.35	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 <sup>f</sup>
MW5D	03/28/01	321.80	43.90	277.90	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 <sup>f</sup>
MW5D	06/25/01	321.80	48.19	273.61	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5D	09/26/01	321.80	55.78	266.02	0.00	1.3	1.9	0.55	2.7	<50	<2.5
MW5D	12/17/01	321.79	55.89	265.90	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW5D	03/18/02	321.79	54.60	267.19	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5
<b>MW5D</b>	<b>06/17/02</b>	<b>321.79</b>	<b>54.92</b>	<b>266.87</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;0.5</b>
MW6	05/11/88	NM	37.31	NC	0.00	NS	NS	NS	NS	NS	NS
MW6	05/17/88	NM	NM	NM	<0.5	<0.5	<0.5	<0.5	<0.5	<20	NA
MW6	06/06/88	NM	38.70	NC	0.00	NS	NS	NS	NS	NS	NS
MW6	06/23/88	NM	39.23	NC	0.00	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW6	06/28/88	NM	39.74	NC	0.00	31.8	7.5	5.4	6.7	440	NA
MW6	07/13/88	NM	40.78	NC	0.00	162.3	7.7	22.5	14.1	290	NA
MW6	08/05/88	NM	41.72	NC	0.00	245	5.2	47.1	23.7	1,180	NA
MW6	08/12/88	NM	42.14	NC	0.00	NS	NS	NS	NS	NS	NS
MW6	08/17/88	NM	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW6	08/26/88	NM	42.51	NC	0.00	NS	NS	NS	NS	NS	NS
MW6	09/07/88	NM	42.85	NC	0.00	474	16	262	136	2,920	NA
MW6	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
MW7	07/22/88	321.27	41.85 <sup>a</sup>	279.42	0.00	136	85	5	58	460	NA
MW7	08/05/88	321.27	41.45 <sup>a</sup>	279.82	0.00	73.3	52.8	2.3	28.1	270	NA
MW7	08/12/88	321.27	42.69	278.58	NM	NS	NS	NS	NS	NS	NS
MW7	09/07/88	321.27	42.60	278.67	NM	NS	NS	NS	NS	NS	NS
MW7	12/07/88	321.27	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW7	01/17/89	321.27	43.20	278.07	NM	NS	NS	NS	NS	NS	NS
MW7	02/09/89	321.27	NM	NC	NM	600	688	10	448	6,700	NA
MW7	06/30/89	321.27	NM	NC	NM	180	50	13	40	1,100	NA
MW7	08/02/89	321.27	NM	NC	NM	1.6	<0.5	<0.5	0.6	31	NA
MW7	09/13/89	321.27	NM	NC	NM	<0.5	2.6	<0.5	12	87	NA
MW7	10/12/89	321.27	49.93	271.34	0.00	NS	NS	NS	NS	NS	NS
MW7	11/28/89	321.27	57.61 <sup>a</sup>	263.66	0.00	NS	NS	NS	NS	NS	NS
MW7	12/20/89	321.27	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
MW7	01/09/90	321.27	57.57 <sup>a</sup>	263.70	0.00	NS	NS	NS	NS	NS	NS
MW7	01/26/90	321.27	57.54 <sup>a</sup>	263.73	0.00	NS	NS	NS	NS	NS	NS
MW7	01/26/90	321.27	49.08	272.19	0.00	NS	NS	NS	NS	NS	NS
MW7	02/23/90	321.27	55.26 <sup>a</sup>	266.01	0.00	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethyl-benzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
MW7	02/23/90	321.27	48.93	272.34	0.00	NS	NS	NS	NS	NS	NS
MW7	03/26/90	321.27	57.52 <sup>a</sup>	263.75	0.00	NS	NS	NS	NS	NS	NS
MW7	03/26/90	321.27	48.60	272.67	0.00	NS	NS	NS	NS	NS	NS
MW7	04/18/90	321.27	57.55 <sup>a</sup>	263.72	0.00	NS	NS	NS	NS	NS	NS
MW7	05/17/90	321.27	57.40 <sup>a</sup>	263.87	0.00	NS	NS	NS	NS	NS	NS
MW7	06/11/90	321.27	50.68	270.59	0.00	NS	NS	NS	NS	NS	NS
MW7	07/30/90	321.27	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW7	08/27/90	321.27	53.05	268.22	0.00	NS	NS	NS	NS	NS	NS
MW7	09/28/90	321.27	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW7	12/27/90	321.27	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW7	03/20/91	321.27	54.11	267.16	0.00	NS	NS	NS	NS	NS	NS
MW7	06/20/91	321.27	55.14	266.13	0.00	<0.5	1.8	0.6	4.1	74	NA
MW7	09/12/91	321.27	55.84	265.43	0.00	3.5	<0.5	1.7	6.8	<50	NA
MW7	12/30/91	321.27	55.21	266.06	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW7	01/30/92	321.27	54.88	266.39	0.00	NS	NS	NS	NS	NS	NS
MW7	03/02/92	321.27	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW7	03/24/92	321.27	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW7	04/14/92	321.27	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW7	05/21/92	321.27	53.36	267.91	0.00	NS	NS	NS	NS	NS	NS
MW7	06/08/92	321.27	54.20	267.07	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW7	07/14/92	321.27	53.31	267.96	0.00	NS	NS	NS	NS	NS	NS
MW7	08/10/92	321.27	54.01	267.26	0.00	NS	NS	NS	NS	NS	NS
MW7	09/16/92	321.27	55.97	265.30	0.00	NS	NS	NS	NS	NS	NS
MW7	10/07/92	321.27	56.09	265.18	0.00	NS	NS	NS	NS	NS	NS
MW7	11/09/92	321.27	54.16	267.11	0.00	NS	NS	NS	NS	NS	NS
MW7	12/10/92	321.27	56.02	265.25	0.00	NS	NS	NS	NS	NS	NS
MW7	01/26/93	321.27	56.15	265.12	0.00	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

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

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethyl-benzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )	TPH as gasoline ( $\mu\text{g}/\text{L}$ )	MTBE ( $\mu\text{g}/\text{L}$ )
MW7	03/24/98	321.27	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW7	06/15/98	321.27	30.05	291.22	0.00	NS	NS	NS	NS	NS	NS
MW7	09/11/98	321.27	35.63	285.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW7	12/09/98	321.27	21.54	299.73	NM	NS	NS	NS	NS	NS	NS
MW7	03/31/99	321.27	28.84	292.43	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
MW7	06/30/99	321.27	34.68	286.59	0.00	5.96	<0.5	<0.5	<0.5	<50	<2.5
MW7	08/03/99	321.27	38.22	283.05	0.00	NS	NS	NS	NS	NS	NS
MW7	09/24/99	321.27	42.59	278.68	0.00	<0.5	<0.5	<0.5	<0.5	<50	11.7 <sup>f</sup>
MW7	12/22/99	321.27	41.69	279.58	0.00	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0 <sup>f</sup>
MW7	04/04/00	321.27	35.45	285.82	0.00	<1	<1	<1	<1	<50	<1
MW7	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
MW7	06/28/00	321.27	40.46	280.81	0.00	<0.5	<0.5	<0.5	<0.5	<50	4.88 <sup>f</sup>
MW7	09/26/00	321.27	44.00	277.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
MW7	12/28/00	321.27	44.63	276.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 <sup>f</sup>
MW7	03/28/01	321.27	43.04	278.23	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/1.17 <sup>f</sup>
MW7	06/25/01	321.27	46.31	274.96	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW7	09/26/01	321.27	52.90	268.37	0.00	0.62	0.84	<0.5	1.0	<50	<2.5
MW7	12/17/01	321.27	53.17	268.10	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW7	03/18/02	321.27	53.10	268.17	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5
<b>MW7</b>	<b>06/17/02</b>	<b>321.27</b>	<b>53.12</b>	<b>268.15</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>8.2/6.40<sup>f</sup></b>
MW8	10/01/89	321.86	53.88	267.98	0.00	NS	NS	NS	NS	NS	NS
MW8	10/03/89	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
MW8	11/28/89	321.86	53.74	268.12	0.00	NS	NS	NS	NS	NS	NS
MW8	12/20/89	321.86	NM	NC	NM	<0.5	<0.5	<0.5	0.61	<20	NA
MW8	01/09/90	321.86	57.90	263.96	0.00	NS	NS	NS	NS	NS	NS
MW8	01/26/90	321.86	53.57	268.29	0.00	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethyl-benzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )	TPH as gasoline ( $\mu\text{g}/\text{L}$ )	MTBE ( $\mu\text{g}/\text{L}$ )
MW8	01/31/90	321.86	NM	NC	NM	<0.5	<0.5	<0.5	0.87	<20	NA
MW8	02/09/90	321.86	NM	NC	NM	<0.5	<0.5	<0.5	1.1	<20	NA
MW8	(Blank)	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
MW8	02/23/90	321.86	52.16	269.70	0.00	NS	NS	NS	NS	NS	NS
MW8	03/26/90	321.86	52.80 <sup>a</sup>	269.06	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW8	(Blank)	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
MW8	04/18/90	321.86	51.60	270.26	0.00	<0.5	0.58	<0.5	1.1	<20	NA
MW8	05/17/90	321.86	58.21	263.65	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW8	06/11/90	321.86	58.65	263.21	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW8	07/30/90	321.86	64.33	257.53	0.00	NS	NS	NS	NS	NS	NS
MW8	08/01/90	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<20	NA
MW8	08/27/90	321.86	70.41	251.45	0.00	<0.5	<0.5	<0.5	0.5	<20	NA
MW8	09/28/90	321.86	71.93	249.93	0.00	<0.5	<0.5	<0.5	0.5	<50	NA
MW8	12/27/90	321.86	66.60	255.26	0.00	<0.5	<0.5	<0.5	0.6	<50	NA
MW8	03/20/91	321.86	60.75	261.11	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW8	06/20/91	321.86	88.77	233.09	0.00	<0.5	<0.5	<0.5	0.6	<50	NA
MW8	09/12/91	321.86	103.17	218.69	0.00	NS	NS	NS	NS	NS	NS
MW8	10/14/91	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW8	12/30/91	321.86	81.15	240.71	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW8	01/30/92	321.86	81.69	240.17	0.00	NS	NS	NS	NS	NS	NS
MW8	03/02/92	321.86	78.45	243.41	0.00	NS	NS	NS	NS	NS	NS
MW8	03/24/92	321.86	76.55	245.31	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW8	04/14/92	321.86	75.56	246.30	0.00	NS	NS	NS	NS	NS	NS
MW8	05/21/92	321.86	86.99	234.87	0.00	NS	NS	NS	NS	NS	NS
MW8	06/08/92	321.86	91.69	230.17	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW8	07/14/92	321.86	94.65	227.21	0.00	NS	NS	NS	NS	NS	NS
MW8	08/10/92	321.86	95.02	226.84	0.00	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethyl-benzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )	TPH as gasoline ( $\mu\text{g}/\text{L}$ )	MTBE ( $\mu\text{g}/\text{L}$ )
MW8	09/16/92	321.86	91.90	229.96	0.00	<0.5	0.9	<0.5	<0.5	<50	NA
MW8	10/07/92	321.86	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW8	11/09/92	321.86	84.35	237.51	0.00	NS	NS	NS	NS	NS	NS
MW8	12/10/92	321.86	82.20	239.66	0.00	<0.5	0.6	<0.5	<0.5	<50	NA
MW8	01/26/93	321.86	78.63	243.23	0.00	NS	NS	NS	NS	NS	NS
MW8	02/16/93	321.86	76.90	244.96	0.00	0.7	0.6	<0.5	2.3	<50	NA
MW8	03/11/93	321.86	74.39	247.47	0.00	NS	NS	NS	NS	NS	NS
MW8	04/12/93	321.86	71.20	250.66	0.00	26	7.3	11	38	230	NA
MW8	06/01/93	321.86	68.04	253.82	0.00	NS	NS	NS	NS	NS	NS
MW8	07/15/93	321.86	78.05	243.81	0.00	NS	NS	NS	NS	NS	NS
MW8	08/15/93	321.86	78.45	243.41	0.00	NS	NS	NS	NS	NS	NS
MW8	09/29/93	321.86	73.64	248.22	0.00	NS	NS	NS	NS	NS	NS
MW8	09/30/93	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW8	10/28/93	321.86	67.53	253.91	0.00	NS	NS	NS	NS	NS	NS
MW8	11/23/93	321.86	64.68	256.76	0.00	NS	NS	NS	NS	NS	NS
MW8	11/24/93	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW8	03/10-11/94	321.86	59.26	262.60	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW8	05/04-05/94	321.86	56.84	265.02	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW8	09/01/94 <sup>e</sup>	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW8	11/16/94	321.86	55.47	266.39	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW8	02/15/95	321.86	52.00	269.86	0.00	NS	NS	NS	NS	NS	NS
MW8	05/09/95	321.86	46.60	275.26	0.00	NS	NS	NS	NS	NS	NS
MW8	05/12/95	321.86	NM	NC	NM	2.3	1.2	2.0	7.4	<50	NA
MW8	08/21/95	321.86	43.86	278.00	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW8	11/30/95	321.86	41.25	280.61	0.00	<0.5	<0.5	0.69	2.7	<50	<5.0
MW8	03/28/96	321.86	37.71	284.15	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW8	05/31/96	321.86	36.71	285.15	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethylbenzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
MW8	08/28/96	321.86	42.80	279.06	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW8	11/18/96	321.86	40.78	281.08	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW8	02/28/97	321.86	35.14	286.72	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW8 <sup>D</sup>	02/28/97	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW8 <sup>R</sup>	02/28/97	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW8	05/23/97	321.86	36.41	285.45	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW8 <sup>D</sup>	05/23/97	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW8 <sup>R</sup>	05/23/97	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW8	09/23/97	321.86	41.22	280.64	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW8 <sup>D</sup>	09/23/97	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW8 <sup>R</sup>	09/23/09	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW8	12/30/97	321.86	39.81	282.05	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW8 <sup>D</sup>	12/30/97	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW8 <sup>R</sup>	12/30/97	321.86	NM	NC	NM	<0.5	0.52	<0.5	<0.5	<50	3.2 <sup>f</sup>
MW8	03/24/98	321.86	31.46	290.40	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW8	06/15/98	321.86	31.43	290.43	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW8 <sup>D</sup>	06/15/98	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW8	09/11/98	321.86	38.73	283.13	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW8 <sup>D</sup>	09/11/98	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW8	12/09/98	321.86	28.96	292.90	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
MW8 <sup>D</sup>	12/09/98	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
MW8 <sup>R</sup>	12/09/98	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0 <sup>f</sup>
MW8	03/31/99	321.86	25.05	296.81	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
MW8 <sup>D</sup>	03/31/99	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0
MW8 <sup>R</sup>	03/31/99	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.0
MW8	06/30/99	321.86	42.62	279.24	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW8 <sup>D</sup>	06/30/99	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	13.1/1.18 <sup>f,h</sup>

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethyl-benzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )	TPH as gasoline ( $\mu\text{g}/\text{L}$ )	MTBE ( $\mu\text{g}/\text{L}$ )
MW8 <sup>R</sup>	06/30/99	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW8	08/03/99	321.86	51.59	270.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	0.672 <sup>f</sup>
MW8 <sup>D</sup>	08/03/99	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	0.659 <sup>f</sup>
MW8 <sup>R</sup>	08/03/99	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5 <sup>f</sup>
MW8	09/24/99	321.86	50.95	270.91	0.00	<0.5	<0.5	<0.5	<0.5	<50	0.777 <sup>f</sup>
MW8 <sup>D</sup>	09/24/99	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	0.776 <sup>f</sup>
MW8	12/22/99	321.86	38.59	283.27	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
MW8 <sup>D</sup>	12/22/99	321.86	NM	NC	NM	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
MW8 <sup>R</sup>	12/22/99	321.86	NM	NC	NM	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
MW8	04/04/00	321.86	36.21	285.65	0.00	<1	<1	<1	<1	<50	3.3/<5 <sup>f</sup>
MW8	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
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>
MW8	09/26/00	321.86	47.55	274.31	0.00	<0.5	<0.5	<0.5	0.528	<50	<1 <sup>f</sup>
MW8	12/28/00	321.86	45.68	276.18	0.00	1.03	1.25	<0.5	1.76	<50	<2 <sup>f</sup>
MW8	03/28/01	321.86	45.40	276.46	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/1.00 <sup>f</sup>
MW8	06/25/01	321.86	57.84	264.02	0.00	0.71	1.0	<0.5	1.4	<50	<2.5
MW8	09/26/01	321.86	60.08	261.78	0.00	<0.5	0.53	<0.5	0.75	<50	<2.5
MW8	12/17/01	321.86	61.24	260.62	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW8	03/18/02	321.86	57.53	264.33	0.00	NS	NS	NS	NS	NS	NS
MW8	03/19/02	321.86	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5
MW8	06/17/02	321.86	58.25	263.61	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5
MW9	10/03/89	321.44	NM	NC	NM	1,000	9,200	3,000	13,000	89,000	NA
MW9	10/12/89	321.44	50.24	271.20	0.00	NS	NS	NS	NS	NS	NS
MW9	11/28/89	321.44	50.59	270.85	0.10	NS	NS	NS	NS	NS	NS
MW9	12/01/89	321.44	50.32	271.12	0.02	NS	NS	NS	NS	NS	NS
MW9	12/07/89	321.44	50.13	271.31	0.16	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW9	12/13/89	321.44	49.91	271.53	Slight Sheen	NS	NS	NS	NS	NS	NS
MW9	12/20/89	321.44	49.78	271.66	Slight Sheen	6,300	31,000	9,500	55,000	190,000	NA
MW9	01/02/90	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW9	01/09/90	321.44	49.39	272.05	Slight Sheen	NS	NS	NS	NS	NS	NS
MW9	01/25/90	321.44	NM	NC	NM	2,400	9,400	2,700	15,000	77,000	NA
MW9	01/26/90	321.44	49.30	272.14	0.00	NS	NS	NS	NS	NS	NS
MW9	02/23/90	321.44	49.06 <sup>a</sup>	272.38	0.00	1,200	7,100	2,300	14,000	97,000	NA
MW9	02/23/90	321.44	49.05	272.39	0.00	NS	NS	NS	NS	NS	NS
MW9	03/26/90	321.44	48.75 <sup>a</sup>	272.69	0.00	1,800	7,700	2,000	11,000	89,000	NA
MW9	03/26/90	321.44	48.73	272.71	Slight sheen	NS	NS	NS	NS	NS	NS
MW9	04/18/90	321.44	48.81	272.63	0.00	2,000	7,500	2,500	16,000	110,000	NA
MW9	05/17/90	321.44	49.96	271.48	0.00	1,500	5,700	2,300	14,000	81,000	NA
MW9	06/11/90	321.44	51.58	269.86	0.00	NS	NS	NS	NS	NS	NS
MW9	06/20/90	321.44	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	430	NA
MW9	07/30/90	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW9	08/27/90	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW9	09/28/90	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW9	12/27/90	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW9	03/20/91	321.44	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW9	06/20/91	321.44	49.63	271.81	NM	NS	NS	NS	NS	NS	NS
MW9	09/12/91	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW9	12/30/91	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW9	01/30/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW9	03/02/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW9	03/24/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW9	04/14/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW9	05/21/92	321.44	NM	NC	NM	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

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

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethyl-benzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
MW9	11/18/96	321.44	38.74	282.70	0.00	2,000	610	130	790	7,100	<200
MW9	02/28/97	321.44	33.74	287.70	0.00	2,900	2,600	280	2,400	22,000	4,200
MW9	05/23/97	321.44	33.77	287.67	0.00	5,300	5,200	800	3,900	32,000	1,600
MW9	09/23/97	320.68	38.17	282.51	0.00	<0.5	<0.5	<0.5	<0.5	<50	20
MW9	12/30/97	320.68	38.83	281.85	0.00	840	750	80	310	4,600	1,100 <sup>f</sup>
MW9	03/24/98	320.68	31.32	289.36	0.00	11,000	16,000	1,200	6,200	62,000	7,000
MW9	06/15/98	320.68	28.72	291.96	0.00	1.8	2.7	<0.5	3.8	<50	8.1
MW9	09/11/98	320.68	31.52	289.16	0.00	1.5	0.97	<0.5	1.1	<50	7.1
MW9	12/09/98	320.68	28.92	291.76	0.00	1.4	2.9	<0.5	<0.5	<50	7.9 <sup>f</sup>
MW9	03/31/99	320.68	27.77	292.91	0.00	2,560	4,100	118	3,090	18,400	3,850/4,950 <sup>f</sup>
MW9	06/30/99	320.68	32.57	288.11	0.00	0.883	1.43	<0.5	1.24	<50	7.05/5.81 <sup>th</sup>
MW9	08/03/99	320.68	36.24	284.44	0.00	1.20	1.70	<0.5	0.60	91.1	<0.5 <sup>f</sup>
MW9	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>
MW9	12/22/99	320.26	40.55	279.71	0.00	860/870 <sup>i</sup>	380/380 <sup>i</sup>	<5.0/<5.0 <sup>i</sup>	2,190/2,170 <sup>i</sup>	7,300	4,300 <sup>f</sup>
MW9	04/04/00	320.26	34.69	285.57	0.00	2.7	2.5	<1	9	<50	310/300 <sup>f</sup>
MW9	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
MW9	06/28/00	320.26	39.31	280.95	0.00	111	2.98	<0.5	14.9	207	488 <sup>f</sup>
MW9	09/26/00	320.26	43.14	277.12	0.00	<0.5	<0.5	<0.5	<0.5	<50	77.2 <sup>f</sup>
MW9	11/03/00	Well destroyed									
MW9A	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
MW9A	12/28/00	NM	43.72	NC	0.00	14.5	3.75	26.4	37.4	1,040	65.5 <sup>f</sup>
MW9A	03/28/01	321.17	43.90	277.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 <sup>f</sup>
MW9A	06/25/01	321.17	49.84	271.33	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW9A	09/26/01	321.17	56.35	NC <sup>i</sup>	0.00	NS	NS	NS	NS	NS	NS
MW9A	12/17/01	321.27	55.13	NC <sup>i</sup>	0.00	NS	NS	NS	NS	NS	NS
MW9A	03/18/02	321.27	53.02	268.25	0.00	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethyl-benzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )	TPH as gasoline ( $\mu\text{g}/\text{L}$ )	MTBE ( $\mu\text{g}/\text{L}$ )
MW9A	06/17/02	321.27	56.70	NC <sup>i</sup>	0.00	NS	NS	NS	NS	NS	NS
MW10	10/12/89	322.99	51.93	271.06	0.00	<0.5	<0.5	<0.5	<0.5	20	NA
MW10	11/28/89	322.99	51.88	271.11	0.00	NS	NS	NS	NS	NS	NS
MW10	12/20/89	322.99	51.47	271.52	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW10	01/09/90	322.99	50.98	272.01	0.00	NS	NS	NS	NS	NS	NS
MW10	01/26/90	322.99	50.87	272.12	0.00	NS	NS	NS	NS	NS	NS
MW10	02/23/90	322.99	50.67 <sup>a</sup>	272.32	0.00	NS	NS	NS	NS	NS	NS
MW10	02/23/90	322.99	50.65	272.34	0.00	NS	NS	NS	NS	NS	NS
MW10	03/26/90	322.99	50.36 <sup>a</sup>	272.63	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW10	03/26/90	322.99	50.35	272.64	0.00	NS	NS	NS	NS	NS	NS
MW10	04/18/90	322.99	50.45	272.54	0.00	NS	NS	NS	NS	NS	NS
MW10	06/11/90	322.99	51.16	271.83	0.00	NS	NS	NS	NS	NS	NS
MW10	07/30/90	322.99	55.72	267.27	0.00	NS	NS	NS	NS	NS	NS
MW10	08/27/90	322.99	57.75	265.24	0.00	<0.5	<0.5	<0.5	<0.5	<20	NA
MW10	09/28/90	322.99	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW10	12/27/90	322.99	58.08	264.91	0.00	NS	NS	NS	NS	NS	NS
MW10	03/20/91	322.99	57.80	265.19	0.00	NS	NS	NS	NS	NS	NS
MW10	06/20/91	322.99	58.00	264.99	0.00	NS	NS	NS	NS	NS	NS
MW10	09/12/91	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	12/30/91	322.99	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW10	01/30/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	03/02/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	03/24/92	322.99	58.53	264.46	0.00	NS	NS	NS	NS	NS	NS
MW10	04/14/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	05/21/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	06/08/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethyl-benzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )	TPH as gasoline ( $\mu\text{g}/\text{L}$ )	MTBE ( $\mu\text{g}/\text{L}$ )
MW10	07/14/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	08/10/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	09/16/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	10/07/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	11/09/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	12/10/92	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	01/26/93	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	02/16/93	322.99	58.23	264.76	0.00	NS	NS	NS	NS	NS	NS
MW10	03/11/93	322.99	57.81	265.18	0.00	NS	NS	NS	NS	NS	NS
MW10	04/12/93	322.99	57.84	265.15	0.00	21	11	21	75	350	NA
MW10	06/01/93	322.99	57.88	265.11	NM	NS	NS	NS	NS	NS	NS
MW10	07/15/93	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	08/15/93	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	09/29/93	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	10/28/93	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	11/23/93	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	03/10-11/94	322.99	NM	NC	Dry	NS	NS	NS	NS	NS	NS
MW10	05/04-05/94	322.99	57.21	265.78	Dry	NS	NS	NS	NS	NS	NS
MW10	09/01/94 <sup>e</sup>	322.99	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW10	11/16/94	322.99	54.82	268.17	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW10	02/15/95	322.99	51.90	271.09	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW10	05/09/95	322.99	46.32	276.67	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW10	08/21/95	322.99	43.06	279.93	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW10	11/30/95	322.99	41.34	281.65	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW10	03/28/96	322.99	38.15	284.84	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW10	05/31/96	322.99	36.61	286.38	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW10	08/28/96	322.99	40.86	282.13	0.00	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethyl-benzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
MW10	11/18/96	322.99	40.90	282.09	0.00	NS	NS	NS	NS	NS	NS
MW10	02/28/97	322.99	35.75	287.24	0.00	NS	NS	NS	NS	NS	NS
MW10	05/23/97	322.99	36.07	286.92	0.00	NS	NS	NS	NS	NS	NS
MW10	09/23/97	322.99	40.41	282.58	0.00	NS	NS	NS	NS	NS	NS
MW10	12/30/97	322.99	38.20	284.79	0.00	NS	NS	NS	NS	NS	NS
MW10	03/24/98	322.99	34.12	288.87	0.00	NS	NS	NS	NS	NS	NS
MW10	06/15/98	322.99	31.79	291.20	0.00	NS	NS	NS	NS	NS	NS
MW10	09/11/98	322.99	35.40	287.59	0.00	NS	NS	NS	NS	NS	NS
MW10	12/09/98	322.99	34.32	288.67	0.00	NS	NS	NS	NS	NS	NS
MW10	03/31/99	322.99	30.55	292.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.0
MW10	06/30/99	322.99	36.36	286.63	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW10	08/03/99	322.99	39.95	283.04	0.00	NS	NS	NS	NS	NS	NS
MW10	09/24/99	322.99	44.40	278.59	0.00	<0.5	<0.5	<0.5	0.87	<50	19.30 <sup>f</sup>
MW10	12/22/99	322.99	43.39	279.60	0.00	9.5	5.3	3.9	25.1	140	<5.0 <sup>f</sup>
MW10	04/04/00	322.99	37.18	285.81	0.00	<1	<1	<1	<1	<50	<1
MW10	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
MW10	06/28/00	322.99	42.19	280.80	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
MW10	09/26/00	322.99	45.80	277.19	0.00	<0.5	<0.5	<0.5	<0.5	<50	3.39 <sup>f</sup>
MW10	12/28/00	322.99	45.41	277.58	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 <sup>f</sup>
MW10	03/28/01	322.99	44.89	278.10	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 <sup>f</sup>
MW10	06/25/01	322.99	48.13	274.86	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW10	09/26/01	322.99	56.45	266.54	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW10	12/17/01	322.99	56.61	266.38	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW10	03/18/02	322.99	54.99	268.00	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5
<b>MW10</b>	<b>06/17/02</b>	<b>322.99</b>	<b>55.36</b>	<b>267.63</b>	<b>0.00</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>
<b>MW10</b>	<b>06/18/02</b>	<b>322.99</b>	<b>NM</b>	<b>NC</b>	<b>NM</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;50</b>	<b>&lt;0.5</b>

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
MW11	11/10/89	321.77	50.64	272.13	0.00	NS	NS	NS	NS	NS	NS
MW11	11/16/89	321.77	NM	NC	NM	4.1	9.4	0.74	20	150	NA
MW11	11/28/89	321.77	50.51	272.26	0.00	NS	NS	NS	NS	NS	NS
MW11	12/20/89	321.77	51.47	271.30	0.00	7.2	7.5	2.9	13	150	NA
MW11	01/09/90	321.77	49.68	273.09	0.00	NS	NS	NS	NS	NS	NS
MW11	01/26/90	321.77	49.55	273.22	0.00	NS	NS	NS	NS	NS	NS
MW11	02/23/90	321.77	49.37 <sup>a</sup>	273.40	0.00	NS	NS	NS	NS	NS	NS
MW11	02/23/90	321.77	49.35	273.42	0.00	NS	NS	NS	NS	NS	NS
MW11	03/26/90	321.77	49.03 <sup>a</sup>	273.74	0.00	<0.5	<0.5	<0.5	2.7	32	NA
MW11	04/18/90	321.77	49.12	273.65	0.00	NS	NS	NS	NS	NS	NS
MW11	05/17/90	321.77	50.30	272.47	0.00	NS	NS	NS	NS	NS	NS
MW11	06/11/90	321.77	51.16	271.61	0.00	NS	NS	NS	NS	NS	NS
MW11	07/30/90	321.77	53.50	269.27	0.00	<0.5	<0.5	<0.5	3.8	26	NA
MW11	08/27/90	321.77	53.65	269.12	0.00	NS	NS	NS	NS	NS	NS
MW11	09/28/90	321.77	53.62	269.15	0.00	NS	NS	NS	NS	NS	NS
MW11	12/27/90	321.77	53.63	269.14	0.00	NS	NS	NS	NS	NS	NS
MW11	03/20/91	321.77	53.26	269.51	0.00	NS	NS	NS	NS	NS	NS
MW11	06/20/91	321.77	53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
MW11	09/12/91	321.77	53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
MW11	12/30/91	321.77	53.95	268.82	0.00	NS	NS	NS	NS	NS	NS
MW11	01/30/92	321.77	53.65	269.12	0.00	NS	NS	NS	NS	NS	NS
MW11	03/02/92	321.77	53.68	269.09	0.00	NS	NS	NS	NS	NS	NS
MW11	03/24/92	321.77	53.70	269.07	0.00	NS	NS	NS	NS	NS	NS
MW11	04/14/92	321.77	53.66	269.11	0.00	NS	NS	NS	NS	NS	NS
MW11	05/21/92	321.77	53.62	269.15	0.00	NS	NS	NS	NS	NS	NS
MW11	06/08/92	321.77	53.61	269.16	0.00	NS	NS	NS	NS	NS	NS
MW11	07/14/92	321.77	53.53	269.24	0.00	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethyl-benzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )	TPH as gasoline ( $\mu\text{g}/\text{L}$ )	TPH as MTBE ( $\mu\text{g}/\text{L}$ )
MW11	08/10/92	321.77	53.58	269.19	0.00	NS	NS	NS	NS	NS	NS
MW11	09/16/92	321.77	53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
MW11	10/07/92	321.77	DRY	DRY	NM	NS	NS	NS	NS	NS	NS
MW11	11/09/92	321.77	DRY	DRY	NM	NS	NS	NS	NS	NS	NS
MW11	12/10/92	321.77	53.59	269.18	0.00	NS	NS	NS	NS	NS	NS
MW11	01/26/93	321.77	53.67	269.10	0.00	NS	NS	NS	NS	NS	NS
MW11	02/16/93	321.77	53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
MW11	03/11/93	321.77	53.58	269.19	0.00	NS	NS	NS	NS	NS	NS
MW11	04/12/93	321.77	53.54	269.23	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW11	06/01/93	321.77	53.52	269.25	0.00	NS	NS	NS	NS	NS	NS
MW11	07/15/93	321.77	53.60	269.17	0.00	NS	NS	NS	NS	NS	NS
MW11	08/15/93	321.77	53.55	269.22	0.00	NS	NS	NS	NS	NS	NS
MW11	09/29/93	321.77	53.62	269.15	0.00	NS	NS	NS	NS	NS	NS
MW11	09/30/93	321.77	NM	NC	NM	NS	NS	NS	NS	NS	NS
MW11	10/28/93	321.77	53.63	269.14	0.00	NS	NS	NS	NS	NS	NS
MW11	11/23/93	321.77	53.58	268.19	0.00	NS	NS	NS	NS	NS	NS
MW11	11/24/93	321.77	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	NA
MW11	03/10-11/94	321.77	53.61	268.16	0.00	NS	NS	NS	NS	NS	NS
MW11	05/04-05/94	321.77	53.51	268.26	0.00	NS	NS	NS	NS	NS	NS
MW11	11/16/94	321.77	53.46	268.31	0.00	NS	NS	NS	NS	NS	NS
MW11	02/15/95	321.77	50.57	271.20	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW11	05/09/95	321.77	45.05	276.72	0.00	<0.5	<0.5	<0.5	<0.5	<50	NA
MW11	08/21/95	321.77	41.88	279.89	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.8
MW11	11/30/95	321.77	40.04	281.73	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW11	03/28/96	321.77	36.90	284.87	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW11	05/31/96	321.77	35.34	286.43	0.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW11	08/28/96	321.77	39.56	282.21	0.00	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethyl-benzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
MW11	11/18/96	321.77	39.56	282.21	0.00	NS	NS	NS	NS	NS	NS
MW11	02/28/97	321.77	34.50	287.27	0.00	NS	NS	NS	NS	NS	NS
MW11	05/23/97	321.77	34.80	286.97	0.00	NS	NS	NS	NS	NS	NS
MW11	09/23/97	321.77	39.18	282.59	0.00	NS	NS	NS	NS	NS	NS
MW11	12/30/97	321.77	37.94	283.83	0.00	NS	NS	NS	NS	NS	NS
MW11	03/24/98	321.77	32.86	289.65	NM	NS	NS	NS	NS	NS	NS
MW11	06/15/98	321.77	30.49	291.28	0.00	NS	NS	NS	NS	NS	NS
MW11	09/11/98	321.77	35.96	285.81	0.00	NS	NS	NS	NS	NS	NS
MW11	12/09/98	321.77	33.06	288.71	0.00	NS	NS	NS	NS	NS	NS
MW11	03/31/99	321.77	29.31	292.46	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.79/2.64 <sup>f</sup>
MW11	06/30/99	321.77	35.15	286.62	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW11	08/03/99	321.77	38.65	283.12	0.00	NS	NS	NS	NS	NS	NS
MW11	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>
MW11	12/22/99	321.73	40.94	280.79	0.00	<1.0	<1.0	<1.0	<1.0	<50	<5.0 <sup>f</sup>
MW11	04/04/00	321.73	35.91	285.82	0.00	<1	<1	<1	<1	<50	<1
MW11	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
MW11	06/28/00	321.73	40.46	281.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
MW11	09/26/00	321.73	44.45	277.28	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
MW11	12/28/00	321.73	44.11	277.62	0.00	<0.5	<0.5	<0.5	<0.5	<50	5.71 <sup>f</sup>
MW11	03/28/01	321.73	43.60	278.13	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/<1.0 <sup>f</sup>
MW11	06/25/01	321.73	46.78	274.95	0.00	3.0	7.3	2.0	11	59	<2.5
MW11	09/26/01	321.73	53.54	268.19	0.00	3.8	3.7	0.65	3.2	<50	<2.5
MW11	12/17/01	321.73	53.56	268.17	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW11	03/18/02	321.73	53.50	268.23	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5
MW11	06/17/02	321.73	53.67	268.06	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5
MW12A	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethyl-benzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )	TPH as gasoline ( $\mu\text{g}/\text{L}$ )	MTBE ( $\mu\text{g}/\text{L}$ )
MW12A	09/26/00	NM	48.26	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
MW12A	12/28/00	NM	46.45	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 <sup>f</sup>
MW12A	03/28/01	322.53	46.07	276.46	0.00	0.622	0.823	<0.5	0.526	<50	<2.5/<1.0 <sup>f</sup>
MW12A	06/25/01	322.53	50.20	272.33	0.00	<0.5	0.82	<0.5	1.0	<50	<2.5
MW12A	09/26/01	322.53	60.83	261.70	0.00	1.6	2.0	0.5	2.6	<50	<2.5
MW12A	12/17/01	322.62	62.20	260.42	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW12A	03/18/02	322.62	58.35	264.27	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5
MW12A	06/17/02	322.62	58.85	263.77	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5
MW13	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
MW13	09/26/00	NM	45.62	NC	0.00	0.504	0.594	<0.5	0.982	<50	1.62 <sup>f</sup>
MW13	12/28/00	NM	45.15	NC	0.00	1.19	1.05	<0.5	1.25	<50	2.17 <sup>f</sup>
MW13	03/28/01	322.62	44.57	278.05	0.00	0.769	1.45	<0.5	0.594	<50	<2.5/<1.0 <sup>f</sup>
MW13	06/25/01	322.62	48.24	274.38	0.00	<0.5	1.1	<0.5	1.1	<50	<2.5
MW13	09/26/01	322.62	56.05	266.57	0.00	1.3	1.7	0.54	3.0	<50	<2.5
MW13	12/17/01	322.71	56.40	266.31	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW13	03/18/02	322.71	55.20	267.51	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5
MW13	06/17/02	322.71	55.38	267.33	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5
MW14	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
MW14	09/26/00	NM	46.90	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	<1 <sup>f</sup>
MW14	12/28/00	NM	45.09	NC	0.00	2.04	<0.5	0.740	1.78	<50	<2 <sup>f</sup>
MW14	03/28/01	321.16	44.70	276.46	0.00	0.516	0.978	<0.5	0.919	<50	<2.5/<1.0 <sup>f</sup>
MW14	06/25/01	321.16	56.74	264.42	0.00	<0.5	0.66	<0.5	0.87	<50	<2.5
MW14	09/26/01	321.16	59.43	261.73	0.00	3.4	4.1	1.1	5.3	<50	<2.5
MW14	12/17/01	321.24	60.78	260.46	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
MW14	03/18/02	321.24	57.50	263.74	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethyl-benzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
MW14	06/17/02	321.24	57.51	263.73	0.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5
VR1	03/24/92	NM	NM	NC	NM	1.7	<0.5	<0.5	<0.5	<50	NA
VR1	06/30/99	NM	19.52	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	6.83/7.31 <sup>f,h</sup>
VR1	08/03/99	NM	19.53	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.49 <sup>f</sup>
VR1	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>
VR1	12/22/99	321.00	21.35	299.65	0.00	<1.0	<1.0	<1.0	<1.0	<50	10 <sup>f</sup>
VR1	04/04/00	321.00	19.23	301.77	0.00	<1	<1	<1	<1	<50	4,500/5,500 <sup>f</sup>
VR1	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
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>
VR1	09/26/00	321.00	21.92	299.08	0.00	<0.5	<0.5	<0.5	<0.5	<50	387 <sup>f</sup>
VR1	12/28/00	321.00	21.85	299.15	0.00	<0.5	<0.5	<0.5	<0.5	<50	200 <sup>f</sup>
VR1	03/28/01	320.90	23.99	296.91	0.00	<0.5	<0.5	<0.5	<0.5	<50	86.6/55.9 <sup>f</sup>
VR1	06/25/01	320.90	23.84	297.06	0.00	NS	NS	NS	NS	NS	NS
VR1	09/26/01	320.90	23.96	296.94	0.00	<0.5	0.53	<0.5	<0.5	<50	140/130 <sup>f</sup>
VR1	12/17/01	321.00	24.12	296.88	0.00	<0.5	<0.5	<0.5	<0.5	<50	100/39 <sup>f</sup>
VR1	03/18/02	321.00	23.07	297.93	0.00	NS	NS	NS	NS	NS	NS
VR1	03/19/02	321.00	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	1,240	1,340/1,450 <sup>f</sup>
VR1	06/17/02	321.00	24.46	296.54	0.00	NS	NS	NS	NS	NS	NS
VR1	06/18/02	321.00	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	122	188/160 <sup>f</sup>
VR2	06/30/99	NM	33.63	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,080/1,160 <sup>f,h</sup>
VR2	08/03/99	NM	37.19	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	3,390 <sup>f</sup>
VR2	09/24/99	320.18	41.54	278.64	0.00	2,650	<50	<50	309	5,170	1,030 <sup>f</sup>
VR2	12/22/99	320.18	40.63	279.55	0.00	<1.0	<1.0	<1.0	<1.0	<50	34 <sup>f</sup>
VR2	01/21/00	320.18	39.04	281.14	0.00	<1.0	<1.0	<1.0	<1.0	<50	17 <sup>f</sup>
VR2	04/04/00	320.18	35.63	284.55	0.00	<1	<1	<1	<1	<50	370/400 <sup>f</sup>

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethyl-benzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
VR2 06/15/00 STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION											
VR2	06/28/00	320.18	39.28	280.90	0.00	1.12	<1	<1	<1	<50	268 <sup>f</sup>
VR2	09/26/00	320.18	DRY	NC	NM	NS	NS	NS	NS	NS	NS
VR2	12/28/00	320.18	42.55	277.63	0.00	<0.5	<0.5	<0.5	<0.5	<50	10.6 <sup>f</sup>
VR2	03/28/01	320.18	42.00	278.18	0.00	<0.5	<0.5	<0.5	<0.5	<50	5.85/2.98 <sup>f</sup>
VR2	06/25/01	320.18	DRY	NC	NM	NS	NS	NS	NS	NS	NS
VR2	09/26/01	320.18	DRY	NC	NM	NS	NS	NS	NS	NS	NS
VR2	12/17/01	320.18	DRY	NC	NM	NS	NS	NS	NS	NS	NS
VR2	03/18/02	320.18	DRY	NC	NM	NS	NS	NS	NS	NS	NS
VR2	06/17/02	320.18	DRY	NC	NM	NS	NS	NS	NS	NS	NS
VR3 06/30/99 Well destroyed											
VR3	06/30/99	NM	9.15	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,220/1,380 <sup>f,h</sup>
VR3	08/03/99	NM	8.19	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	16,100 <sup>f</sup>
VR3	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>
VR3	11/05/99	Well destroyed									
VR3	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
VR4	06/30/99	NM	8.50	NC	0.00	<0.5	<0.5	<0.5	<0.5	<50	146
VR4	08/03/99	NM	8.69	NC	0.00	<0.5	<0.5	<0.5	<0.5	71.7 <sup>g</sup>	3.96 <sup>f</sup>
VR4	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>
VR4	11/05/99	Well destroyed									
OW1 09/24/99 Well destroyed											
OW1	09/24/99	322.45	10.37	312.08	0.00	2.10	1.41	<0.5	7.22	119	7,810 <sup>f</sup>
OW1	12/22/99	322.45	10.93	311.52	0.00	12	<5.0	<5.0	5.2	360	44,000 <sup>f</sup>
OW1	04/04/00	322.45	10.83	311.62	0.00	1	<1	<1	<1	120	5,300/6,800 <sup>f</sup>
OW1	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
OW1	06/28/00	322.45	11.91	310.54	0.00	1.20	<1	<1	<1	<100	1,530 <sup>f</sup>

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethyl-benzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
OW1	09/26/00	322.45	DRY	NC	NM	NS	NS	NS	NS	NS	NS
OW1	12/28/00	322.45	DRY	NC	NM	NS	NS	NS	NS	NS	NS
OW1	03/28/01	321.44	9.65	311.79	0.00	<0.5	<0.5	<0.5	<0.5	<50	8.27/7.97 <sup>f</sup>
OW1	06/25/01	321.44	DRY	NC	NM	NS	NS	NS	NS	NS	NS
OW1	09/26/01	321.44	11.37	310.07	0.00	<0.5	<0.5	<0.5	<0.5	<50	250/220 <sup>f</sup>
OW1	12/17/01	321.44	9.28	312.16	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/1.0 <sup>f</sup>
OW1	03/18/02	321.44	11.05	310.39	0.00	0.70	0.70	<0.5	<0.5	<50	13.7/14.5 <sup>f</sup>
<b>OW1</b>	<b>06/17/02</b>	<b>321.44</b>	<b>DRY</b>	<b>NC</b>	<b>NM</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>
OW2	09/24/99	321.55	9.48	312.07	0.00	31.1	<0.5	<0.5	20.6	275 <sup>g</sup>	177,000 <sup>f</sup>
OW2	12/22/99	321.55	10.13	311.42	0.00	<5.0	<5.0	<5.0	5.2	410	85,000 <sup>f</sup>
OW2	04/04/00	321.55	10.00	NC	NM	NS	NS	NS	NS	NS	NS
OW2	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
OW2	06/28/00	321.55	11.00	310.55	0.00	<50	<50	<50	<50	<5,000	45,400 <sup>f</sup>
OW2	09/26/00	321.55	11.11	310.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,690 <sup>f</sup>
OW2	12/28/00	321.55	11.11	310.44	0.00	<0.5	<0.5	<0.5	<0.5	<50	4,520 <sup>f</sup>
OW2	03/28/01	321.33	6.59	314.74	0.00	3.92	1.16	0.692	2.71	<50	9,130/5,650 <sup>f</sup>
OW2	06/25/01	321.33	11.93	309.40	0.00	<2.0	<2.0	<2.0	3.1	<200	4,000/4,000 <sup>f</sup>
OW2	09/26/01	321.33	12.01	309.32	0.00	<0.5	<0.5	<0.5	<0.5	<50	160/130 <sup>f</sup>
OW2	12/17/01	321.55	5.96	315.59	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,300/630 <sup>f</sup>
OW2	03/18/02	321.55	10.96	310.59	0.00	NS	NS	NS	NS	NS	NS
OW2	03/19/02	321.55	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	1,290	1,560/1,720 <sup>f</sup>
<b>OW2</b>	<b>06/17/02</b>	<b>321.55</b>	<b>11.78</b>	<b>309.77</b>	<b>0.00</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>
<b>OW2</b>	<b>06/18/02</b>	<b>321.55</b>	<b>NM</b>	<b>NC</b>	<b>NM</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>1,310</b>	<b>1,910/1,800<sup>f</sup></b>
PMW1	12/22/99	322.75	NM	NC	Dry	NS	NS	NS	NS	NS	NS
PMW1	04/04/00	322.75	NM	NC	NM	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethyl-benzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )	TPH as gasoline ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
<b>PMW1</b>											
PMW1	06/15/00	<b>STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION</b>									
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>
PMW1	09/26/00	322.75	DRY	NC	NM	NS	NS	NS	NS	NS	NS
PMW1	12/28/00	322.75	DRY	NC	NM	NS	NS	NS	NS	NS	NS
PMW1	03/28/01	322.74	DRY	NC	NM	NS	NS	NS	NS	NS	NS
PMW1	06/25/01	322.74	15.09	307.65	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
PMW1	09/26/01	322.74	15.56	307.18	0.00	NS	NS	NS	NS	NS	NS
PMW1	12/17/01	322.75	DRY	NC	NM	NS	NS	NS	NS	NS	NS
PMW1	03/18/02	322.75	DRY	NC	NM	NS	NS	NS	NS	NS	NS
PMW1	06/17/02	322.75	14.91	307.84	0.00	NS	NS	NS	NS	NS	NS
<b>PMW2</b>											
PMW2	12/22/99	322.37	12.85	309.52	0.00	NS	NS	NS	NS	NS	NS
PMW2	04/04/00	322.37	10.65	311.72	0.00	<1	<1	<1	<1	<50	740/720 <sup>f</sup>
PMW2	06/15/00	<b>STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION</b>									
PMW2	06/28/00	322.37	11.50	310.87	0.00	<0.5	<0.5	<0.5	<0.5	<50	1,570 <sup>f</sup>
PMW2	09/26/00	322.37	12.36	310.01	0.00	<0.5	<0.5	<0.5	<0.5	<50	157 <sup>f</sup>
PMW2	12/28/00	322.37	11.85	310.52	0.00	<0.5	<0.5	<0.5	<0.5	445	234 <sup>f</sup>
PMW2	03/28/01	322.07	10.68	311.39	0.00	<0.5	0.632	<0.5	1.88	<50	400/284 <sup>f</sup>
PMW2	06/25/01	322.07	12.10	309.97	0.00	<0.5	<0.5	<0.5	<0.5	<50	6.6/5.7 <sup>f</sup>
PMW2	09/26/01	322.07	12.26	309.81	0.00	1.6	2.9	1.0	4.7	<50	59/46 <sup>f</sup>
PMW2	12/17/01	322.37	10.08	312.29	0.00	<0.5	<0.5	<0.5	<0.5	<50	23/10 <sup>f</sup>
PMW2	03/18/02	322.37	11.90	310.47	0.00	NS	NS	NS	NS	NS	NS
PMW2	03/19/02	322.37	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	6.50/1.8 <sup>f</sup>
PMW2	06/17/02	322.37	13.00	309.37	0.00	NS	NS	NS	NS	NS	NS
PMW2	06/18/02	322.37	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	5.6/4.30 <sup>f</sup>
PMW3	12/22/99	321.27	12.61	308.66	0.00	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethyl-benzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )	TPH as gasoline ( $\mu\text{g}/\text{L}$ )	MTBE ( $\mu\text{g}/\text{L}$ )
PMW3	04/04/00	321.27	9.78	311.49	0.00	<1	<1	<1	<1	<50	250/310 <sup>f</sup>
PMW3	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
PMW3	06/28/00	321.27	10.52	310.75	0.00	<0.5	<0.5	<0.5	<0.5	<50	31.5 <sup>f</sup>
PMW3	09/26/00	321.27	10.39	310.88	0.00	<0.5	<0.5	<0.5	<0.5	<50	13.6 <sup>f</sup>
PMW3	12/28/00	321.27	12.20	309.07	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2 <sup>f</sup>
PMW3	03/28/01	321.27	9.37	311.90	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/1.08 <sup>f</sup>
PMW3	06/25/01	321.27	12.47	308.80	0.00	2.1	6.8	2.4	11	63	<2.5
PMW3	09/26/01	321.27	9.81	311.46	0.00	2.0	3.7	1.4	5.9	<50	<2.5
PMW3	12/17/01	321.27	7.16	314.11	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
PMW3	03/18/02	321.27	9.89	311.38	0.00	<0.5	<0.5	<0.5	<0.5	<50	2.30/0.7 <sup>f</sup>
PMW3	06/17/02	321.27	10.35	310.92	0.00	NS	NS	NS	NS	NS	NS
PMW3	06/18/02	321.27	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5
PMW4	12/22/99	321.37	15.32	306.05	0.00	NS	NS	NS	NS	NS	NS
PMW4	04/04/00	321.37	10.60	310.77	0.00	<1	<1	<1	<1	<50	28/27 <sup>f</sup>
PMW4	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION									
PMW4	06/28/00	321.37	14.00	307.37	0.00	<0.5	<0.5	<0.5	<0.5	<50	3.73 <sup>f</sup>
PMW4	09/26/00	321.37	DRY	NC	NM	NS	NS	NS	NS	NS	NS
PMW4	12/28/00	321.37	DRY	NC	NM	NS	NS	NS	NS	NS	NS
PMW4	03/28/01	321.37	14.11	307.26	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5/1.11 <sup>f</sup>
PMW4	06/25/01	321.37	15.07	306.30	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
PMW4	09/26/01	321.37	14.11	307.26	0.00	7.4	13	4.2	18	110	<2.5
PMW4	12/17/01	321.37	11.86	309.51	0.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
PMW4	03/18/02	321.37	14.17	307.20	0.00	NS	NS	NS	NS	NS	NS
PMW4	03/19/02	321.37	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.5
PMW4	06/17/02	321.37	15.55	305.82	0.00	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)
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>
PMW5	04/04/00	320.04	9.61	310.43	0.00	<1	<1	<1	<1	<50	680/890 <sup>f</sup>
PMW5 06/15/00 STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION											
PMW5	06/28/00	320.04	10.10	309.94	0.00	1.79	<0.5	<0.5	<0.5	<50	629 <sup>f</sup>
PMW5	09/26/00	320.04	12.15	307.89	0.00	1.83	<0.5	<0.5	<0.5	<50	743 <sup>f</sup>
PMW5	12/28/00	320.04	12.48	307.56	0.00	1.93	<0.5	<0.5	<0.5	<50	919 <sup>f</sup>
PMW5	03/28/01	320.04	6.90	313.14	0.00	1.38	0.790	<0.5	<0.5	<50	420/304 <sup>f</sup>
PMW5	06/25/01	320.04	11.74	308.30	0.00	1.1	<0.5	<0.5	<0.5	<50	540/560 <sup>f</sup>
PMW5	09/26/01	320.04	12.30	307.74	0.00	3.8	3.6	1.2	5.9	<50	500/440 <sup>f</sup>
PMW5	12/17/01	320.04	8.89	311.15	0.00	<0.5	<0.5	<0.5	<0.5	<50	230/94 <sup>f</sup>
PMW5	03/18/02	320.04	10.70	309.34	0.00	NS	NS	NS	NS	NS	NS
PMW5	03/19/02	320.04	NM	NC	NM	<0.5	<0.5	<0.5	<0.5	179	152/35 <sup>f</sup>
PMW5	06/17/02	320.04	12.82	307.22	0.00	NS	NS	NS	NS	NS	NS
PMW5	06/18/02	320.04	NM	NC	NM	1.1	0.5	<0.5	<0.5	167	260/226 <sup>f</sup>
PMW6	12/22/99	321.38	NM	NC	Dry	NS	NS	NS	NS	NS	NS
PMW6	04/04/00	321.38	15.10	NC	NM	NS	NS	NS	NS	NS	NS
PMW6 06/15/00 STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION											
PMW6	06/28/00	321.38	14.60	NC	NM	NS	NS	NS	NS	NS	NS
PMW6	09/26/00	321.38	NM	NC	NM	NS	NS	NS	NS	NS	NS
PMW6	12/28/00	321.38	DRY	NC	NM	NS	NS	NS	NS	NS	NS
PMW6	03/28/01	321.38	DRY	NC	NM	NS	NS	NS	NS	NS	NS
PMW6	06/25/01	321.38	14.82	306.56	NM	<0.5	<0.5	<0.5	<0.5	<50	<2.5
PMW6	09/26/01	321.38	15.42	305.96	0.00	NS	NS	NS	NS	NS	NS
PMW6	12/17/01	321.38	15.12	306.26	0.00	NS	NS	NS	NS	NS	NS
PMW6	03/18/02	321.38	15.51	305.87	0.00	NS	NS	NS	NS	NS	NS
PMW6	06/17/02	321.38	15.56	305.82	0.00	NS	NS	NS	NS	NS	NS

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethyl-benzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )	TPH as gasoline ( $\mu\text{g}/\text{L}$ )	TPH as MTBE ( $\mu\text{g}/\text{L}$ )
-----------------	------	----------------------------	-----------------------	------------------------------	----------------------	------------------------------------	------------------------------------	------------------------------------------	------------------------------------------	--------------------------------------------	----------------------------------------

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.

i = Groundwater level measured is in sump for groundwater extraction pump, near the bottom of the well and below the screened interval, and is not considered representative of groundwater elevation.

D = Duplicate.

R = Rinseate.

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

LPH = Liquid-phase hydrocarbons.

TPH = Total Petroleum Hydrocarbons.

MTBE = Methyl tertiary butyl ether.

NA = Not analyzed.

NC = Not calculated.

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

NM = Not measured.

NS = Not sampled.

$\mu\text{g}/\text{L}$  = Micrograms per liter.

Note: TPH-g results beginning March 2002 include MTBE.

TABLE 3 GROUNDWATER MONITORING PLAN,  
FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well Number	Groundwater Gauging Frequency	Groundwater Sampling and Analysis Frequency	
		BTEX and TPH-g	MTBE
MW1	Q	Q	Q
MW4	Q	Q	Q
MW5S	Q	Q	Q
MW5D	Q	Q	Q
MW7	Q	Q	Q
MW8	Q	Q	Q
MW9A	Q	Q	Q
MW10	Q	Q	Q
MW11	Q	Q	Q
MW12A	Q	Q	Q
MW13	Q	Q	Q
MW14	Q	Q	Q
OW1	Q	Q	Q
OW2	Q	Q	Q
VR1	Q	Q	Q
VR2	Q	Q	Q
PMW1	Q	Q	Q
PMW2	Q	Q	Q
PMW3	Q	Q	Q
PMW4	Q	Q	Q
PMW5	Q	Q	Q
PMW6	Q	Q	Q

Q = Quarterly.

BTEX = Benzene, toluene, ethylbenzene, total xylenes.

TPH-g = Total Petroleum Hydrocarbons as gasoline.

MTBE = Methyl tertiary butyl ether.

**TABLE 4 OPERATION AND PERFORMANCE DATA - GROUNDWATER EXTRACTION SYSTEM  
FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Date	Days of Operation	Percent Operational	Flow Total (gallons)	Average Operational Flow rate (gpm)	Influent Conc.			Est. Pounds Removed* Total TPH	Cumulative Pounds Removed Total TPH	Est. Pounds Removed* Benzene	Cumulative Pounds Removed Benzene	Est. Pounds Removed* MTBE	Cumulative Pounds Removed MTBE
					(µg/L) Total TPH	(µg/L) Benzene	(µg/L) MTBE						
03/12/01	0	0%	185	0.0				0.000	0.000	0.000	0.000	0.000	0.000
03/12/01	0.26	100%	2,390	5.8	102.5	< 0.500	66.3	0.002	0.002	0.000	0.000	0.001	0.001
03/15/01	2.80	100%	30,740	7.0				0.024	0.026	0.000	0.000	0.008	0.009
03/23/01	5.44	67%	73,030	5.4				0.036	0.062	0.000	0.000	0.012	0.021
03/30/01	6.94	100%	137,670	6.5				0.055	0.116	0.000	0.001	0.019	0.040
04/06/01	7.03	100%	206,240	6.8	< 100	< 0.500	< 2.5	0.058	0.174	0.000	0.001	0.020	0.060
04/13/01	7.02	100%	276,970	7.0				0.059	0.233	0.000	0.001	0.001	0.061
04/19/01	5.97	100%	335,570	6.8				0.049	0.282	0.000	0.001	0.001	0.062
04/27/01	8.04	100%	415,750	6.9				0.067	0.349	0.000	0.002	0.002	0.064
05/01/01	3.92	100%	NM	NC				0.000	0.349	0.000	0.002	0.002	0.066
05/08/01	7.10	100%	525,007	6.9				0.091	0.440	0.000	0.002	0.002	0.069
05/11/01	2.86	100%	555,840	7.5	< 100	< 0.500	< 2.5	0.026	0.465	0.000	0.002	0.001	0.069
05/18/01	7.08	100%	623,650	6.6				0.057	0.522	0.000	0.003	0.001	0.071
05/25/01	7.02	100%	691,110	6.7				0.056	0.578	0.000	0.003	0.001	0.072
06/01/01	7.06	100%	758,630	6.6				0.056	0.634	0.000	0.003	0.001	0.073
06/05/01	3.96	100%	766,070	1.3	< 100	< 0.50	< 2.5	0.006	0.641	0.000	0.003	0.000	0.074
06/15/01	9.96	100%	859,280	6.5				0.078	0.718	0.000	0.004	0.002	0.076
06/22/01	3.53	50%	924,570	12.8				0.054	0.773	0.000	0.004	0.001	0.077
06/25/01	1.38	50%	924,578	0.0				0.000	0.773	0.000	0.004	0.000	0.077
06/26/01	1.19	100%	934,690	5.9				0.008	0.781	0.000	0.004	0.000	0.077
07/06/01	5.02	50%	992,100	7.9	< 100	< 0.50	< 2.5	0.048	0.829	0.000	0.004	0.001	0.078
07/12/01	6.04	100%	1,040,560	5.6				0.040	0.870	0.000	0.004	0.001	0.079
07/13/01	0.94	100%	1,048,180	5.6				0.006	0.876	0.000	0.004	0.000	0.080
07/20/01	6.99	100%	1,102,500	5.4				0.045	0.921	0.000	0.005	0.001	0.081
07/27/01	6.88	100%	1,150,270	4.8				0.040	0.961	0.000	0.005	0.001	0.082
08/07/01	11.01	100%	1,169,700	1.2				0.016	0.977	0.000	0.005	0.000	0.082
08/10/01	3.13	100%	1,170,090	0.1	< 100	< 0.50	< 2.5	0.000	0.978	0.000	0.005	0.000	0.082
08/16/01	6.07	100%	1,182,500	1.4				0.010	0.988	0.000	0.005	0.002	0.084
08/24/01	7.78	100%	1,183,080	0.1				0.000	0.988	0.000	0.005	0.000	0.084
08/31/01	7.14	100%	1,183,450	0.0				0.000	0.989	0.000	0.005	0.000	0.084
09/07/01	7.11	100%	1,183,920	0.0	< 100	< 0.50	29	0.000	0.989	0.000	0.005	0.000	0.084
09/12/01	4.71	100%	1,184,270	0.1				0.001	0.990	0.000	0.005	0.001	0.085
09/18/01	5.99	100%	1,184,840	0.1				0.001	0.990	0.000	0.005	0.001	0.086
09/25/01	7.23	100%	1,185,000	0.0				0.000	0.991	0.000	0.005	0.000	0.086
10/02/01	7.06	100%	1,186,110	0.1				0.002	0.992	0.000	0.005	0.002	0.088
10/08/01	0.00	0%	1,186,110	0.0				0.000	0.992	0.000	0.005	0.000	0.088
10/23/01	0.00	0%	1,186,110	0.0	260	< 0.50	460	0.000	0.992	0.000	0.005	0.000	0.088
10/30/01	7.23	100%	1,186,120	0.0				0.000	0.992	0.000	0.005	0.000	0.088
11/13/01	0.00	0%	1,186,150	0.0				0.000	0.992	0.000	0.005	0.000	0.089

TABLE 4 OPERATION AND PERFORMANCE DATA - GROUNDWATER EXTRACTION SYSTEM  
FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Date	Days of Operation	Percent Operational	Average Operational Flow			Influent Conc. (µg/L) Total TPH	Influent Conc. (µg/L) Benzene	Influent Conc. (µg/L) MTBE	Est. Pounds Removed* Total TPH	Cumulative Pounds Removed		Cumulative Pounds Removed* Benzene	Cumulative Pounds Removed* MTBE	Cumulative Pounds Removed MTBE
			Total (gallons)	Flow rate (gpm)	Total TPH					Est. Pounds Removed Total TPH	Cumulative Est. Pounds Removed Benzene			
12/11/01	0.00	0%	1,186,150	0.0					0.000	0.992	0.000	0.005	0.000	0.089
12/14/01	3.01	100%	1,188,700	0.6					0.006	0.998	0.000	0.005	0.013	0.102
12/17/01	2.31	100%	NM	NC					NC	0.998	NC	0.005	NC	0.102
12/18/01	0.00	0%	NM	NC					NC	0.998	NC	0.005	NC	0.102
12/21/01	0.00	0%	1,189,280	0.2	< 520	< 0.50		800	0.002	1.000	0.000	0.005	0.003	0.105
12/28/01	3.59	50%	1,191,340	0.4					0.005	1.005	0.000	0.005	0.015	0.120
01/04/02	0.00	0%	1,191,350	0.0					0.000	1.005	0.000	0.005	0.000	0.120
01/07/02	0.00	0%	1,191,350	0.0					0.000	1.005	0.000	0.005	0.000	0.120
01/08/02	0.96	100%	1,191,940	0.4	< 98	0.57		920	0.002	1.007	0.000	0.005	0.004	0.124
01/15/02	3.50	50%	1,194,700	0.5					0.005	1.011	0.000	0.005	0.011	0.135
01/22/02	3.48	50%	1,198,310	0.7					0.006	1.018	0.000	0.005	0.014	0.149
01/25/02	0.00	0%	1,198,310	0.0					0.000	1.018	0.000	0.005	0.000	0.149
01/29/02	4.09	100%	1,198,950	0.1					0.001	1.019	0.000	0.005	0.003	0.152
01/30/02	0.70	100%	NM	NC					NC	1.019	NC	0.005	NC	0.152
02/05/02	6.30	100%	1,199,110	0.02	< 310	< 0.50		38	0.000	1.019	0.000	0.005	0.001	0.153
02/08/02	2.36	100%	NM	NC					NC	1.019	NC	0.005	NC	0.153
02/11/02	3.60	100%	1,199,310	0.0					0.000	1.019	0.000	0.005	0.000	0.153
02/19/02	8.00	100%	1,199,420	0.0					0.000	1.019	0.000	0.005	0.000	0.153
02/26/02	7.03	100%	1,199,590	0.0					0.000	1.020	0.000	0.005	0.000	0.153
03/05/02	6.99	100%	1,199,590	0.0	< 120	< 0.50		14	0.000	1.020	0.000	0.005	0.000	0.153
03/12/02	3.49	50%	1,199,600	0.0					0.000	1.020	0.000	0.005	0.000	0.153
03/19/02	3.51	50%	1,203,100	0.7					0.016	1.036	0.000	0.005	0.000	0.153
03/26/02	6.99	100%	1,207,200	0.4					0.018	1.054	0.000	0.005	0.000	0.154
03/27/02	0.97	100%	1,207,768	0.4					0.003	1.057	0.000	0.005	0.000	0.154
04/04/02	7.82	100%	1,210,690	0.3					0.013	1.070	0.000	0.005	0.000	0.154
04/09/02	0.00	0%	1,210,690	0.0					0.000	1.070	0.000	0.005	0.000	0.154
04/16/02	0.00	0%	1,210,690	0.0					0.000	1.070	0.000	0.005	0.000	0.154
04/17/02	0.00	0%	1,210,696	0.0					0.000	1.070	0.000	0.005	0.000	0.154
04/23/02	0.00	0%	1,210,690	0.0					0.000	1.070	0.000	0.005	0.000	0.154
05/14/02	0.00	0%	1,210,840	0.0					0.001	1.070	0.000	0.005	0.000	0.154
05/28/02	0.00	0%	1,210,840	0.0					0.000	1.070	0.000	0.005	0.000	0.154
05/29/02	0.00	0%	1,210,850	0.0					0.000	1.070	0.000	0.005	0.000	0.154
05/30/02	0.88	100%	1,210,850	0.0					0.000	1.070	0.000	0.005	0.000	0.154
06/05/02	6.13	100%	1,213,350	0.0					0.011	1.082	0.000	0.005	0.000	0.154
06/12/02	7.02	100%	1,213,400	0.0	< 960	< 0.50		9.2	0.000	1.082	0.000	0.005	0.000	0.154
06/18/02	5.98	100%	1,216,120	0.0					0.022	1.104	0.000	0.005	0.000	0.154
<b>Total / Average</b>	<b>297.60</b>	<b>64.26%</b>	<b>1,216,120</b>						<b>1.104</b>	<b>1.104</b>	<b>0.005</b>	<b>0.005</b>	<b>0.154</b>	<b>0.154</b>

Note: When analyte is not detected, laboratory reporting limit is used for concentration and mass removed calculations.

**TABLE 4 OPERATION AND PERFORMANCE DATA - GROUNDWATER EXTRACTION SYSTEM  
FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Date	Days of Operation	Percent Operational	Flow Total (gallons)	Average Operational			Influent Conc. (µg/L) Total TPH	Influent Conc. (µg/L) Benzene	Influent Conc. (µg/L) MTBE	Est. Pounds Removed* Total TPH	Cumulative Pounds		Est. Pounds Removed* Benzene	Cumulative Pounds		Est. Pounds Removed* MTBE	Cumulative Pounds	
				Flow rate (gpm)	Influent Conc. (µg/L) Total TPH	Influent Conc. (µg/L) Benzene					Cumulative Pounds Total TPH	Cumulative Pounds Benzene		Cumulative Pounds Total TPH	Cumulative Pounds Benzene		Cumulative Pounds Total TPH	Cumulative Pounds Benzene

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

gpm - Gallons per minute

µg/L - Micrograms per liter

TPH - Total Petroleum Hydrocarbons as gasoline and diesel

NM - Not Measured

MTBE - Methyl Tertiary Butyl Ether

G:\Projects\73399\MasterO&M\{3399\_h2o.xls\Engineering

**TABLE 5 SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER EXTRACTION SYSTEM  
FORMER EXXON RS 7-3399, 2991 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Sample Location	Date	TPH-g	Concentration (µg/L)					TPH-d	MTBE	MTBE by 8260B
			Benzene	Toluene	Ethyl-benzene	Total Xylenes				
<b>Influent</b>										
03/12/01	52.5	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 50.0	66.3	65.7	
04/06/01	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 50.0	< 2.50	NA	
05/11/01	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 50.0	< 2.50	< 1.00	
06/05/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	< 2.5	< 1.0	
07/06/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	< 2.5	< 2.0	
08/10/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	< 2.5	< 1.0	
09/07/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	29	52	
10/23/01	50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	210	460	620	
12/21/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	470	800	630	
01/08/02	< 50	0.57	< 0.50	< 0.50	< 0.50	< 0.50	< 48	920	750	
02/05/02	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	260	38	35	
03/05/02	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	70	14	16	
05/28/02	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/12/02	< 50	< 0.50	0.62	< 0.50	< 0.50	< 0.50	910	9.2	10	
<b>After First GAC (Intermediate)</b>										
03/12/01	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 50.0	< 2.50	< 1.00	
04/06/01	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 50.0	< 2.50	NA	
05/11/01	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 50.0	< 2.50	< 1.00	
06/05/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	< 2.5	< 1.0	
07/06/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	< 2.5	< 2.0	
08/10/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	< 2.5	< 1.0	
09/07/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	< 2.5	< 1.0	
10/23/01	< 50	< 0.50	0.50	2.7	2.9	200	< 2.5	< 2.0		
12/21/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48	< 2.5	< 0.50	
01/08/02	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48	< 2.5	< 0.50	
02/05/02	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	290	< 2.5	< 0.50	
03/05/02	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	320	< 2.5	< 0.50	
05/28/02	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/12/02	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	760	< 2.5	< 0.50	
<b>Effluent</b>										
03/12/01	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 50.0	< 2.50	< 1.00	
04/06/01	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 50.0	< 2.50	NA	
05/11/01	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 50.0	< 2.50	< 1.00	
06/05/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	< 2.5	< 1.0	
07/06/01	TPH-d result confirmed with spare sample					< 50				
08/10/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	< 2.5	< 1.0		
09/07/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	< 2.5	< 1.0		
10/23/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	700	< 2.5	< 2.0	
12/21/01	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48	< 2.5	< 0.50	
01/08/02	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48	< 2.5	< 0.50	
02/05/02	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	58	< 2.5	< 0.50	
03/05/02	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	400	< 2.5	< 0.50	
05/28/02	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1,200	< 2.5	< 0.50	
06/12/02	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51	< 2.5	< 0.50	

NA - Not Analyzed

µg/L - Micrograms per liter

TPH-g - Total petroleum hydrocarbons as gasoline

TPH-d - Total petroleum hydrocarbons as diesel

## **Appendix A**

### **Field Protocols**

## **PROTOCOLS FOR QUARTERLY GROUNDWATER MONITORING**

### **GROUNDWATER GAUGING**

Wells are opened prior to gauging to allow the groundwater level in the wells to equilibrate with atmospheric pressure. The depth to groundwater and depth to liquid-phase hydrocarbons, if present, are then measured to the nearest 0.01 feet using an electronic water level meter or optical interface probe. The measurements are made from a permanent reference point at the top of the well casing. If less than 1 foot of water is measured in a well, the water is bailed and, if the well does not recover, the well is considered "dry." Wells with a sheen or measurable liquid-phase hydrocarbons are generally not purged or sampled.

### **WELL PURGING**

After the wells are gauged, each well is purged of approximately 3 well casing volumes of water to provide representative groundwater samples for analysis. Field parameters of pH, temperature, and electrical conductance are measured during purging to ensure that these parameters have stabilized before groundwater in a well is sampled. Groundwater parameters are considered stable when two consecutive readings indicate no greater than a 10 percent change from the previous reading for temperature and electrical conductance and no greater than a 0.1 pH units change from the previous reading for pH. Groundwater in each well is purged using an inertial pump (WaTerra), an electric submersible pump, or a bailer. After the well is purged, the water level is checked to ensure that the well has recharged to at least 80 percent of its original water level.

### **GROUNDWATER SAMPLING**

After purging, groundwater in each well is sampled using dedicated tubing and an inertial pump (WaTerra) or a factory-cleaned disposable bailer. Samples from extraction wells are typically collected from sample ports associated with the groundwater remediation system. Samples collected for volatile organic analysis are placed in Teflon septum-sealed 40-milliliter glass vials. Samples collected for diesel analysis are placed in 1-liter amber glass bottles. Each sample bottle is labeled with the site name, well number, date, sampler's initials, and preservative. The samples are placed in a cooler with ice for delivery to a state-certified laboratory. The information for each sample is entered on a chain-of-custody form prior to transport to the laboratory.

## **Appendix B**

### **Field Documents**

## MONITORING WELL DATA FORM

Client: ExxonMobil

Date: 6/17/02 07/26/2001

Project Number: UP3399.1

Station Number: 7-3399

Site Location:  
2991 Hopeyard Rd, Pleasanton, CA

Samplers: ~~CM/WN~~ CM/WN

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
905	6/18 MW-1	52.67				55.05	4"
1345	6/17 MW-4	53.57				56.90	4"
1050	6/17 MW-5D	54.92				77.45	4"
1010	6/17 MW-5S	53.49				56.25	4"
	MW-6	<del>53.12</del>				<del>56.70</del>	<del>6"</del>
1500	6/17 MW-7	53.12				59.83	6"
1435	6/17 MW-8	58.25				135.11	4"
N/S	MW-9A	56.70				56.70	6"
940	6/18 MW-10	55.36				58.42	4"
1350	6/17 MW-11	53.67				54.39	4"
1210	6/17 MW-12A	58.85				130.25	2"
1135	6/17 MW-13	55.38				71.35	2"
1040	6/17 MW-14	57.51				135.37	2"
N/S	OW-1	12.00	Hit bottom of well - No water			12.00	4"
1005*	6/18 OW-2	11.78				12.45	4"
1205*	6/18 VR-1	24.46				27.86	4"
N/S	VR-2	43.38	Hit bottom of well - No water			43.38	2"
N/S	PMW-1	14.91				15.59	4"
1025	6/18 PMW-2	13.00				15.39	4"
925	6/18 PMW-3	10.35				15.79	4"
N/S	PMW-4	15.55				15.74	4"
1110	6/18 PMW-5	12.82				14.52	4"
N/S	PMW-6	15.56				15.66	4"

**GROUNDWATER PURGE AND SAMPLE**

Project Name: Exxon 7-3399

Well No: MWI

Date: 6/18/02

Project No: UP3399.1

Personnel: C. Mitchell

**GAUGING DATA**

Water Level Measuring Method: NLM

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter	Casing Volume (gal)	Total Purge Volume (gal)
	55.15	52.67	2.48	X 1 2 4 6 0.04 0.16 0.64 1.44	1.58	= 4.76

**PURGING DATA**

Purge Method: Waterra Pump

Purge Depth: Screen

Purge Rate: (gpm)

Time	8:51	8:53	8:55			
Volume, Purge (gal)	2	4	6			
Temperature (C)	19.6°C	19.2°C	19.2°C			
pH	7.64	7.08	6.84			
Spec Cond. (umhos)	1722μS	1730μS	1737μS			
Turbidity/Color	Clear	Clear	Clear			
Odor (Y/N)	N	N	N			
Casing Volumes	—	—	—			
Dewatered (Y/N)	N	N	N			

Comments/Observations: Fuel delivered to station 9:00-

**SAMPLING DATA**

Time Sampled: 9:05

Approximate Depth to Water During Sampling: 54 (feet)

Comments:

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

Total Purge Volume: 6 (gallons)

Disposal: SYSTEM

Weather Conditions:

O/C  
O/C

Condition of Well Box and Casing at Time of Sampling:

None

Well Head Conditions Requiring Correction:

None

Problems Encountered During Purgung and Sampling:

No fuel delivered

at stat. @ 9:00 -

**GROUNDWATER PURGE AND SAMPLE**

Project Name: Exxon 7-3399

Well No: MW4

Date: 6

Project No: UP3399.1

Personnel: C. Mitchell II

**GAUGING DATA**

Water Level Measuring Method: WLM

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter	Casing Volume (gal)	Total Purge Volume (gal)
	56.90	53.57	3.33	X 1 2 4 6 0.04 0.16 0.64 1.44	2.13	= 6.39

**PURGING DATA**

Purge Method: Waterra Pump

Purge Depth: Screen

Purge Rate: (gpm)

Time	13:20					
Volume Purge (gal)	3	6	9			
Temperature (C)	20.5°C					
pH	6.96					
Spec Cond. (umhos)	1757.15					
Turbidity/Color	Slight					
Odor (Y/N)	N					
Casing Volumes	—	—	—			
Dewatered (Y/N)	N	Y				
Comments/Observations:	Dewatered after 6 gal. Sampled after well recharged.					

**SAMPLING DATA**

Time Sampled: 13:45

Approximate Depth to Water During Sampling: 55 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW4	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE

Total Purge Volume: 4 (gallons)

Disposal:

SYSTEM

Weather Conditions:

OK

Condition of Well Box and Casing at Time of Sampling:

OK

Well Head Conditions Requiring Correction:

None

Problems Encountered During Purgung and Sampling:

The Well Dewatered

**GROUNDWATER PURGE AND SAMPLE**

Project Name: Exxon 7-3399

Well No: MW5S

Date: 6/17/02

Project No: UP3399.1

Personnel:

**GAUGING DATA**

Water Level Measuring Method:

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multipplier for Casing Diameter	Casing Volume (gal)	Total Purge Volume (gal)
	56.25	-53.49	= 2.76	1 2 4 6	0.04 0.16 0.64 1.44	1.77 = 5.30

**PURGING DATA**

Purge Method: Waterra Pump

Purge Depth: Screen

Purge Rate: (gpm)

Time	10:07	10:02	10:05			
Volume Purge (gal)	2	4	6			
Temperature (C)	20.6	19.9	19.1			
pH	7.49	7.51	7.38			
Spec. Cond. (umhos)	2343 $\mu\text{s}$	2355	2353 $\mu\text{s}$			
Turbidity/Color						
Odor (Y/N)	N	N	N			
Casing Volumes	Clear	clear	clear			
Dewatered (Y/N)	AT	N.	N.			

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 10:10

Approximate Depth to Water During Sampling: 35 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW5S	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE

Total Purge Volume: 6 (gallons)

Disposal: SYSTEM

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling:

Well Head Conditions Requiring Correction:

Problems Encountered During Puring and Sampling:

### GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 7-3399

Well No: MW5D

Date: 6/17/02

Project No: UP3399.1

Personnel: [Signature]

#### GAUGING DATA

Water Level Measuring Method:

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter	Casing Volume (gal)	Total Purge Volume (gal)		
	77.45	- 52.92	= 22.53	X 1 0.04	2 0.16	6 0.64	14.42 1.44	= 43.26

#### PURGING DATA

Purge Method: Waterra Pump

Purge Depth: Screen

Purge Rate: (gpm)

Time	10:15	10:30	10:45			
Volume Purge (gal)	15	30	45			
Temperature (C)	19.6	19.8	20.1			
pH	7.23	7.00	7.52			
Spec. Cond. (umhos)	1781 $\mu$ s	1804 $\mu$ s	1834 $\mu$ s			
Turbidity/Color						
Odor (Y/N)	N	N	N			
Casing Volumes	100	100	100			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

#### SAMPLING DATA

Time Sampled: 10:45

Approximate Depth to Water During Sampling: 56 (feet)

Comments:

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

Total Purge Volume: 43 (gallons)

Disposal: SYSTEM

Weather Conditions:

Cloudy  
good

Condition of Well Box and Casing at Time of Sampling:

Well Head Conditions Requiring Correction:

Problems Encountered During Purgung and Sampling:

no  
no

**GROUNDWATER PURGE AND SAMPLE**

Project Name: Exxon 7-3399

Well No: MWJ7

Date: 05/17/02

Project No: UP3399.1

Personnel: kb

**GAUGING DATA**

Water Level Measuring Method:

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter	Casing Volume (gal)	Total Purge Volume (gal)	
	59.83	53.12	6.71	x 1 0.04	2 0.16	4 0.64	6 1.44

**PURGING DATA**

Purge Method: Waterra Pump

Purge Depth: Screen

Purge Rate: (gpm)

Time:	14:35	14:45	14:55			
Volume Purge (gal)	10	20	30			
Temperature (C)	27.9	28.1	28.6			
pH	7.95	7.89	7.93			
Spec. Cond. (umhos)	1633,03	1678,48	1632,15			
Turbidity/Color						
Odor (Y/N)	N.	N	N			
Casing Volumes	clear	clear	clear			
Dewatered (Y/N)	N.	N	S.			

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 15:03

Approximate Depth to Water During Sampling:

56 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MWJ7	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE

Total Purge Volume: 30 (gallons)

Disposal: elutriation SYSTEM

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling:

Well Head Conditions Requiring Correction:

Problems Encountered During Purgung and Sampling:

**GROUNDWATER PURGE AND SAMPLE**

Project Name: Exxon 7-3399

Well No: MW8

Date: 6/17/02

Project No: UP3399.1

Personnel: C. Mitchell

**GAUGING DATA**

Water Level Measuring Method: NLM

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter	Casing Volume (gal)	Total Purge Volume (gal)
	135.11	- 58.25	= 76.86	X 1 2 (4) 6	0.04 0.16 0.64 1.44	49.19 = 147.57

**PURGING DATA**

Purge Method: Waterra Pump

Purge Depth: Screen

Purge Rate: (gpm)

Time	13:28	13:58	14:28			
Volume Purge (gal)	50	100	150			
Temperature (C)	18.5°C	18.6°C	18.5°C			
pH	7.05	7.28	7.36			
Spec. Cond. (umhos)	1163μS	1172μS	1172μS			
Turbidity/Color	Clear	Clear	Clear			
Odor (Y/N)	N	N	N			
Casing Volumes	—	—	—			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 14:35

Approximate Depth to Water During Sampling: 20 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (ml or L)	Turbidity/ Color	Analysis Method
MW8	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE

Total Purge Volume: 150 (gallons)

Disposal:

SYSTEM

Weather Conditions:

DR

Condition of Well Box and Casing at Time of Sampling:

DR

Well Head Conditions Requiring Correction:

None

Problems Encountered During Purgung and Sampling:

None

### GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 7-3399

Well No:

Date: 06/18/05

Project No: UP3399.1

Personnel:

#### GAUGING DATA

Water Level Measuring Method: N/A

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter	Casing Volume (gal)	Total Purge Volume (gal)		
	58.42	55.36	= 3.06	X 1 0.04	2 0.16	4 0.64	6 1.44	1.96 = 5.88

#### PURGING DATA

Purge Method: Waterra Pump

Purge Depth: Screen

Purge Rate: (gpm)

Time	09:30	09:32	09:35			
Volume Purge (gal)	2	4	6			
Temperature (C)	20.9	20.5	20.2			
pH	7.74	7.57	7.55			
Spec. Cond. (umhos)	1594 <sub>US</sub>	1619 <sub>US</sub>	1652 <sub>US</sub>			
Turbidity/Color						
Odor (Y/N)	N	N	N			
Casing Volumes	Silty	Silty	Silty			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

#### SAMPLING DATA

Time Sampled: 09:40

Approximate Depth to Water During Sampling: 56 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (ml or L)	Turbidity/ Color	Analysis Method
MN10	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE

Total Purge Volume: 6 (gallons)

Disposal: SYSTEM

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling:

Well Head Conditions Requiring Correction:

Problems Encountered During Purgung and Sampling:

**GROUNDWATER PURGE AND SAMPLE**

Project Name: Exxon 7-3399

Well No: MN 11

Date: 06/17/02

Project No: UP3399.1

Personnel: Wm

**GAUGING DATA**

Water Level Measuring Method:

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter	Casing Volume (gal)	Total Purge Volume (gal)		
	5139	-53.67	= 0.72	X 1 0.04	2 0.16	4 0.64	6 1.44	0.46 = 1.38

**PURGING DATA**

Purge Method: Waterra Pump

Purge Depth: Screen

Purge Rate:

(gpm)

Time	13:35	1340	1345			
Volume Purge (gal)	1.	2	3			
Temperature (C)	28.1	27.4	28.0			
pH	7.32	7.17	7.27			
Spec. Cond. (umhos)	1136 <sub>μ</sub> S	1136 <sub>μ</sub> S	1127 <sub>μ</sub> S			
Turbidity/Color						
Odor (Y/N)	Y	Y	Y			
Casing Volumes	Silty	Silty	Silty			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 1350

Approximate Depth to Water During Sampling: 54 (feet)

Comments:

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

Total Purge Volume: 3 (gallons)

Disposal SYSTEM

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling:

Well Head Conditions Requiring Correction:

Problems Encountered During Purgung and Sampling:

**GROUNDWATER PURGE AND SAMPLE**

Project Name: Exxon 7-3399

Well No: MW12A

Date: 6/17/02

Project No: UP3399.1

Personnel: C. Mitchell

**GAUGING DATA**

Water Level Measuring Method: NLM

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter	Casing Volume (gal)	Total Purge Volume (gal)
	130.25	58.85	71.40	x 1 2 4 6 0.04 0.16 0.64 1.44	11.42	34.27

**PURGING DATA**

Purge Method: Waterra Pump

Purge Depth: Screen

Purge Rate: (gpm)

Time	11:31	11:49	12:07			
Volume Purge (gal)	12	24	36			
Temperature (C)	18.5°C	18.9°C	18.7°C			
pH	7.04	7.1	7.24			
Spec. Cond. (umhos)	1044 $\mu$ s	1033 $\mu$ s	1097 $\mu$ s			
Turbidity/Color	Clear	Clear	Clear			
Odor (Y/N)	N	N	N			
Casing Volumes	—	—	—			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 12:10

Approximate Depth to Water During Sampling: 60 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (ml or L)	Turbidity/ Color	Analysis Method
MW12A	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE

Total Purge Volume: 36 (gallons)

Disposal:

SYSTEM

Weather Conditions:

Out

Condition of Well Box and Casing at Time of Sampling:

Out

Well Head Conditions Requiring Correction:

None

Problems Encountered During Puring and Sampling:

None

**GROUNDWATER PURGE AND SAMPLE**

Project Name: Exxon 7-3399

Well No: MW13

Date: 6/17/02

Project No: UP3399.1

Personnel: C.M. Achell

**GAUGING DATA**

Water Level Measuring Method: NLM

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter	Casing Volume (gal)	Total Purge Volume (gal)
	71.35	55.38	= 15.97	x 1 1/2 4 6 0.04 0.16 0.64 1.44	2.55	= 7.66

**PURGING DATA**

Purge Method: Waterra Pump

Purge Depth: Screen

Purge Rate: (gpm)

Time	11:19	11:23	11:27			
Volume Purge (gal)	3	6	9			
Temperature (C)	20.8°C	19.5°C	19.6°C			
pH	6.93	6.84	6.82			
Spec.Cond.(umhos)	1995μS	2009μS	2020μS			
Turbidity/Color	Silt	Silt	Silt			
Odor (Y/N)	N	A	N			
Casing Volumes	—	—	—			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 11:35

Approximate Depth to Water During Sampling:

57 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW13	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE

Total Purge Volume: 9 (gallons)

Disposal:

SYSTEM

Weather Conditions:

O4

Condition of Well Box and Casing at Time of Sampling:

O4

Well Head Conditions Requiring Correction:

Noise

Problems Encountered During Purgging and Sampling:

Noise

**GROUNDWATER PURGE AND SAMPLE**

Project Name: Exxon 7-3399

Well No: MW14

Date: 6/17/02

Project No: UP3399.1

Personnel: C. Mitchell

**GAUGING DATA**

Water Level Measuring Method: WL M

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter	Casing Volume (gal)	Total Purge Volume (gal)
	135.37 - 57.51	= 77.86	X <sup>1</sup> (2) 4 6 0.04 0.16 0.64 1.44	12.45	= 37.37	

**PURGING DATA**

Purge Method: Waterra Pump

Purge Depth: Screen

Purge Rate: (gpm)

Time	10:58	10:18	10:38		
Volume Purge (gal)	13	26	39		
Temperature (C)	17.8°C	18.2°C	18.3°C		
pH	7.15	7.39	7.33		
Spec. Cond. (umhos)	1017μS	1011μS	1012μS		
Turbidity/Color	Clear	Clear	Clear		
Odor (Y/N)	N	N	N		
Casing Volumes	—	—	—		
Dewatered (Y/N)	N	N	N		

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 10:40

Approximate Depth to Water During Sampling: 59 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW14	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE

Total Purge Volume: 39 (gallons)

Disposal: SYSTEM

Weather Conditions:

84  
84

Condition of Well Box and Casing at Time of Sampling:

None  
None

Well Head Conditions Requiring Correction:

Problems Encountered During Purgung and Sampling:

### GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 7-3399

Well No: OW2

Date: 6/18/02

Project No: UP3399.1

Personnel: C.Mitchell

#### GAUGING DATA

Water Level Measuring Method: WLM

Measuring Point Description: TOC

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

#### PURGING DATA

Purge Method: Waterra Pump

Purge Depth: Screen

Purge Rate:

(gpm)

Time	- System up on arrival					
Volume Purge (gal)	Sampled off	all	System			
Temperature (C)						
pH						
Spec Cond. (umhos)						
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
OW2	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE
OW2	2	Ambiv	—	11		TPH-d

Total Purge Volume: — (gallons)

Disposal:

SYSTEM

Weather Conditions:

OU  
CV

Condition of Well Box and Casing at Time of Sampling:

None

Well Head Conditions Requiring Correction:

None

Problems Encountered During Purgung and Sampling:

### GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 7-3399

Well No: VR1

Date: 6/18/02

Project No: UP3399.1

Personnel: C. Mitchell

#### GAUGING DATA

Water Level Measuring Method: WLM

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter	Casing Volume (gal)	Total Purge Volume (gal)
	27.86	24.46	3.40	x <sup>1</sup> 2 4 6 0.04 0.16 0.64 1.44	2.17	= 6.52

#### PURGING DATA

Purge Method: Waterra Pump

Purge Depth: Screen

Purge Rate: (gpm)

Time	11:48	11:50	12:00			
Volume Purge (gal)	3	6	9			
Temperature (C)	23.6	23.0	22.5			
pH	8.77	7.82	7.80			
Spec. Cond. (umhos)	1389 $\mu\text{s}$	1342 $\mu\text{s}$	1344 $\mu\text{s}$			
Turbidity/Color	Silty	Silty	Silty			
Odor (Y/N)	N	N	N			
Casing Volumes	Silty	Silty	Silty			
Dewatered (Y/N)	N	N	Y			

Comments/Observations: Dewatered at ~9.5 gal.

#### SAMPLING DATA

Time Sampled: 12:05

Approximate Depth to Water During Sampling: 38' (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (ml or L)	Turbidity/ Color	Analysis Method
VR1	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE
VR1	2	Anhyd	-	11		TPH-d

Total Purge Volume: 9 (gallons)

Disposal: SYSTEM

Weather Conditions:

OK  
OK

Condition of Well Box and Casing at Time of Sampling:

Done

Well Head Conditions Requiring Correction:

Dewatered

Problems Encountered During Purgung and Sampling:

**GROUNDWATER PURGE AND SAMPLE**

Project Name: Exxon 7-3399

Well No:

Date:

Project No: UP3399.1

Personnel:

**GAUGING DATA**

Water Level Measuring Method: *N/M*

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter	Casing Volume (gal)	Total Purge Volume (gal)
	15.39	13.02	2.39	1 2 4 6	0.04 0.16 0.64 1.44	1.53 = 4,59

**PURGING DATA**

Purge Method: Waterra Pump

Purge Depth: Screen

Purge Rate: (gpm)

Time	10:15	10:18	10:20			
Volume Purge (gal)	2	4	6			
Temperature (C)	21.9	20.9	20.6			
pH	7.67	7.57	7.59			
Spec. Cond. (umhos)	1537 $\mu\text{s}$	1522 $\mu\text{s}$	1523 $\mu\text{s}$			
Turbidity/Color						
Odor (Y/N)	N	N	N			
Casing Volumes	clear	clear	clear			
Dewatered (Y/N)	N.	N.	N.			

Comments/Observations:

**SAMPLING DATA**

Time Sampled: *10:25*

Approximate Depth to Water During Sampling:

*14* (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>PMW2</i>	6	Voa	HCL	40 ml		<i>TPH-g, BTEX, MTBE</i>

Total Purge Volume: *6* (gallons)

Disposal:

SYSTEM

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling:

Well Head Conditions Requiring Correction:

Problems Encountered During Puring and Sampling:

**GROUNDWATER PURGE AND SAMPLE**

Project Name: Exxon 7-3399

Well No: PMW3

Date: 6/18/02

Project No: UP3399.1

Personnel: C. Mitchell

**GAUGING DATA**

Water Level Measuring Method: NLM

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter	Casing Volume (gal)	Total Purge Volume (gal)
	15.79	- 10.35	= 5.44	x 1 2 4 6 0.04 0.16 0.64 1.44	348	= 10.44

**PURGING DATA**

Purge Method: Waterra Pump

Purge Depth: Screen

Purge Rate: (gpm)

Time	/	/	/			
Volume Purge (gal)	4	8	12			
Temperature (C)						
pH						
Spec. Cond.(umhos)						
Turbidity/Color						
Odor (Y/N)						
Casing Volumes						
Dewatered (Y/N)	V					

Comments/Observations: Dewatered after 2 1.5 gal!  
Sampled after Well Recharged.  
Fuel delivered to station 9:00 -

**SAMPLING DATA**

Time Sampled: 9:25

Approximate Depth to Water During Sampling: 11 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (ml or L)	Turbidity/ Color	Analysis Method
PMW3	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE

Total Purge Volume: 1.5 (gallons)

Disposal: SYSTEM

Weather Conditions:

04

Condition of Well Box and Casing at Time of Sampling:

04

Well Head Conditions Requiring Correction:

No 14

Problems Encountered During Purgung and Sampling:

Dewatered,

Fuel Not Delivered + Start. 01

**GROUNDWATER PURGE AND SAMPLE**

Project Name: Exxon 7-3399

Well No: DMN/5 Date: 6/18/02

Project No: UP3399.1

Personnel: *[Signature]*

**GAUGING DATA**

Water Level Measuring Method:

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter	Casing Volume (gal)	Total Purge Volume (gal)
...	14.52	0.282	= 1.70	X 1 2 4 6 0.04 0.16 0.64 1.44	1.09	= 3.26

**PURGING DATA**

Purge Method: Waterra Pump

Purge Depth: Screen

Purge Rate: (gpm)

Time	11:00	11:02	11:05			
Volume Purge (gal)	2	4	6			
Temperature (°C)	22.1	22.0	22.0			
pH	10.45	10.61	10.57			
Spec. Cond. (umhos)	1793 $\mu$ S	1928 $\mu$ S	1876 $\mu$ S			
Turbidity/Color						
Odor (Y/N)	N	N	N			
Casing Volumes	slvr	slvr	slvr			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 11:10

Approximate Depth to Water During Sampling: 14 (feet)

Comments:

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

Total Purge Volume: 6 (gallons)

Disposal: slvr SYSTEM

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling:

Well Head Conditions Requiring Correction:

Problems Encountered During Purgging and Sampling:

## **Appendix C**

### **Laboratory Analytical Reports**

# TestAmerica

INCORPORATED

7/ 8/02

ETIC 3865  
JOHN ORTEGA  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project 7-3399 EXXONMOBIL 7-3399. The Laboratory Project number is 290075. An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report.

Sample Identification	Lab Number	Collection Date
MW1	02-A102529	6/18/02
MW4	02-A102530	6/17/02
MW5S	02-A102531	6/17/02
MW5D	02-A102532	6/17/02
MW7	02-A102533	6/17/02
MW8	02-A102534	6/17/02
MW10	02-A102535	6/18/02
MW11	02-A102536	6/17/02
MW12A	02-A102537	6/17/02
MW13	02-A102538	6/17/02
MW14	02-A102539	6/17/02
OW2	02-A102540	6/18/02
VR1	02-A102541	6/18/02
PMW2	02-A102542	6/18/02
PMW3	02-A102543	6/18/02
PMW5	02-A102544	6/18/02

JUL - 9 2002

# TestAmerica

INCORPORATED

Page 2

Sample Identification

Lab Number

Collection Date

These results relate only to the items tested.  
This report shall not be reproduced except in full and with  
permission of the laboratory.

Report Approved By:



Report Date: 7/ 3/02

Paul E. Lane, Jr., Lab Director

Gail A. Lage, Technical Serv.

Michael H. Dunn, M.S., Technical Director

Glenn L. Norton, Technical Serv.

Johnny A. Mitchell, Dir. Technical Serv.

Kelly S. Comstock, Technical Serv.

Eric S. Smith, Assistant Technical Director

Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 01168CA

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
JOHN ORTEGA  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A102529  
Sample ID: MW1  
Sample Type: Water  
Site ID: 7-3399

Project: 7-3399  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER L. MITCHELL

Date Collected: 6/18/02  
Time Collected: 9:05  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<hr/>									
*ORGANIC PARAMETERS*									
Benzene	ND	ug/L	0.5	1.0	7/ 2/02	0:14	D.Ramey	8021B	3223
Ethylbenzene	ND	ug/L	0.5	1.0	7/ 2/02	0:14	D.Ramey	8021B	3223
Toluene	ND	ug/L	0.5	1.0	7/ 2/02	0:14	D.Ramey	8021B	3223
Xylenes (Total)	ND	ug/L	0.5	1.0	7/ 2/02	0:14	D.Ramey	8021B	3223
Methyl-t-butylether	ND	ug/L	0.5	1.0	7/ 2/02	0:14	D.Ramey	8021B	3223

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	102.	69. - 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
JOHN ORTEGA  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A102530  
Sample ID: MW4  
Sample Type: Water  
Site ID: 7-3399

Project: 7-3399  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER L. MITCHELL

Date Collected: 6/17/02  
Time Collected: 13:45  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Benzene	ND	ug/L	0.5	1.0	7/ 1/02	21:38	D.Ramey	8021B	3664
Ethylbenzene	ND	ug/L	0.5	1.0	7/ 1/02	21:38	D.Ramey	8021B	3664
Toluene	ND	ug/L	0.5	1.0	7/ 1/02	21:38	D.Ramey	8021B	3664
Xylenes (Total)	ND	ug/L	0.5	1.0	7/ 1/02	21:38	D.Ramey	8021B	3664
Methyl-t-butylether	ND	ug/L	0.5	1.0	7/ 1/02	21:38	D.Ramey	8021B	3664

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	102.	67. - 135.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
JOHN ORTEGA  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A102531  
Sample ID: MW5S  
Sample Type: Water  
Site ID: 7-3399

Project: 7-3399  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER L. MITCHELL

Date Collected: 6/17/02  
Time Collected: 10:50  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Benzene	ND	ug/L	0.5	1.0	7/ 1/02	14:51	D.Ramey	8021B	9888
Ethylbenzene	ND	ug/L	0.5	1.0	7/ 1/02	14:51	D.Ramey	8021B	9888
Toluene	ND	ug/L	0.5	1.0	7/ 1/02	14:51	D.Ramey	8021B	9888
Xylenes (Total)	ND	ug/L	0.5	1.0	7/ 1/02	14:51	D.Ramey	8021B	9888
Methyl-t-butylether	ND	ug/L	0.5	1.0	7/ 1/02	14:51	D.Ramey	8021B	9888

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	105.	67. - 135.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
JOHN ORTEGA  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A102532  
Sample ID: MW5D  
Sample Type: Water  
Site ID: 7-3399

Project: 7-3399  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER L. MITCHELL

Date Collected: 6/17/02  
Time Collected: 10:10  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Analysis Time	Analyst	Method	Batch
<hr/>									
*ORGANIC PARAMETERS*									
Benzene	ND	ug/L	0.5	1.0	7/ 1/02	15:20	D.Ramey	8021B	9888
Ethylbenzene	ND	ug/L	0.5	1.0	7/ 1/02	15:20	D.Ramey	8021B	9888
Toluene	ND	ug/L	0.5	1.0	7/ 1/02	15:20	D.Ramey	8021B	9888
Xylenes (Total)	ND	ug/L	0.5	1.0	7/ 1/02	15:20	D.Ramey	8021B	9888
Methyl-t-butylether	ND	ug/L	0.5	1.0	7/ 1/02	15:20	D.Ramey	8021B	9888

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	101.	67. - 135.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
JOHN ORTEGA  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A102533  
Sample ID: MW7  
Sample Type: Water  
Site ID: 7-3399

Project: 7-3399  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER L. MITCHELL

Date Collected: 6/17/02  
Time Collected: 15:00  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<hr/>									
*ORGANIC PARAMETERS*									
Benzene	ND	ug/L	0.5	1.0	7/ 1/02	15:49	D.Ramey	8021B	9888
Ethylbenzene	ND	ug/L	0.5	1.0	7/ 1/02	15:49	D.Ramey	8021B	9888
Toluene	ND	ug/L	0.5	1.0	7/ 1/02	15:49	D.Ramey	8021B	9888
Xylenes (Total)	ND	ug/L	0.5	1.0	7/ 1/02	15:49	D.Ramey	8021B	9888
Methyl-t-butylether	8.2	ug/L	0.5	1.0	7/ 1/02	15:49	D.Ramey	8021B	9888
<hr/>									
*VOLATILE ORGANICS*									
Methyl-t-butyl ether	6.40	ug/L	2.00	1.0	7/ 5/02	22:18	N. Hurt	8260B	5310

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	102.	67. - 135.
VOA Surr 1,2-DCA-d4	98.	56. - 155.
VOA Surr Toluene-d8	100.	79. - 130.
VOA Surr, 4-BFB	106.	62. - 155.
VOA Surr, DBFM	99.	74. - 127.

Sample report continued . . .

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

Laboratory Number: 02-A102533  
Sample ID: MW7  
Project: 7-3399  
Page 2

### LABORATORY COMMENTS:

ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
JOHN ORTEGA  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A102534  
Sample ID: MW8  
Sample Type: Water  
Site ID: 7-3399

Project: 7-3399  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER L. MITCHELL

Date Collected: 6/17/02  
Time Collected: 14:35  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report	Dil	Analysis		Analysis		
			Limit	Factor	Date	Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
Benzene	ND	ug/L	0.5	1.0	7/ 1/02	16:18	D.Ramey	8021B	9888
Ethylbenzene	ND	ug/L	0.5	1.0	7/ 1/02	16:18	D.Ramey	8021B	9888
Toluene	ND	ug/L	0.5	1.0	7/ 1/02	16:18	D.Ramey	8021B	9888
Xylenes (Total)	ND	ug/L	0.5	1.0	7/ 1/02	16:18	D.Ramey	8021B	9888
Methyl-t-butylether	ND	ug/L	0.5	1.0	7/ 1/02	16:18	D.Ramey	8021B	9888

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	102.	67. - 135.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
JOHN ORTEGA  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A102535  
Sample ID: MW10  
Sample Type: Water  
Site ID: 7-3399

Project: 7-3399  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER L. MITCHELL

Date Collected: 6/18/02  
Time Collected: 9:40  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis		Analyst	Method	Batch
					Date	Time			
<b>*ORGANIC PARAMETERS*</b>									
Benzene	ND	ug/L	0.5	1.0	7/ 2/02	0:42	D.Ramey	8021B	3223
Ethylbenzene	ND	ug/L	0.5	1.0	7/ 2/02	0:42	D.Ramey	8021B	3223
Toluene	ND	ug/L	0.5	1.0	7/ 2/02	0:42	D.Ramey	8021B	3223
Xylenes (Total)	ND	ug/L	0.5	1.0	7/ 2/02	0:42	D.Ramey	8021B	3223
Methyl-t-butylether	ND	ug/L	0.5	1.0	7/ 2/02	0:42	D.Ramey	8021B	3223

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	100.	69. - 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
JOHN ORTEGA  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A102536  
Sample ID: MW11  
Sample Type: Water  
Site ID: 7-3399

Project: 7-3399  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER L. MITCHELL

Date Collected: 6/17/02  
Time Collected: 13:50  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Benzene	ND	ug/L	0.5	1.0	7/ 1/02	23:17	D.Ramey	8021B	3664
Ethylbenzene	ND	ug/L	0.5	1.0	7/ 1/02	23:17	D.Ramey	8021B	3664
Toluene	ND	ug/L	0.5	1.0	7/ 1/02	23:17	D.Ramey	8021B	3664
Xylenes (Total)	ND	ug/L	0.5	1.0	7/ 1/02	23:17	D.Ramey	8021B	3664
Methyl-t-butylether	ND	ug/L	0.5	1.0	7/ 1/02	23:17	D.Ramey	8021B	3664

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	102.	67. - 135.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
JOHN ORTEGA  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A102537  
Sample ID: MW12A  
Sample Type: Water  
Site ID: 7-3399

Project: 7-3399  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER L. MITCHELL

Date Collected: 6/17/02  
Time Collected: 12:10  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
<b>*ORGANIC PARAMETERS*</b>									
Benzene	ND	ug/L	0.5	1.0	7/ 1/02	17:16	D.Ramey	8021B	9888
Ethylbenzene	ND	ug/L	0.5	1.0	7/ 1/02	17:16	D.Ramey	8021B	9888
Toluene	ND	ug/L	0.5	1.0	7/ 1/02	17:16	D.Ramey	8021B	9888
Xylenes (Total)	ND	ug/L	0.5	1.0	7/ 1/02	17:16	D.Ramey	8021B	9888
Methyl-t-butylether	ND	ug/L	0.5	1.0	7/ 1/02	17:16	D.Ramey	8021B	9888

Surrogate	% Recovery	Target Range
-----	-----	-----
BTEX/GRO Surr., a,a,a-TFT	102.	67. - 135.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
JOHN ORTEGA  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A102538  
Sample ID: MW13  
Sample Type: Water  
Site ID: 7-3399

Project: 7-3399  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER L. MITCHELL

Date Collected: 6/17/02  
Time Collected: 11:35  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Benzene	ND	ug/L	0.5	1.0	7/ 1/02	23:45	D.Ramey	8021B	3664
Ethylbenzene	ND	ug/L	0.5	1.0	7/ 1/02	23:45	D.Ramey	8021B	3664
Toluene	ND	ug/L	0.5	1.0	7/ 1/02	23:45	D.Ramey	8021B	3664
Xylenes (Total)	ND	ug/L	0.5	1.0	7/ 1/02	23:45	D.Ramey	8021B	3664
Methyl-t-butylether	ND	ug/L	0.5	1.0	7/ 1/02	23:45	D.Ramey	8021B	3664

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	103.	67. - 135.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
JOHN ORTEGA  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A102539  
Sample ID: MW14  
Sample Type: Water  
Site ID: 7-3399

Project: 7-3399  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER L. MITCHELL

Date Collected: 6/17/02  
Time Collected: 10:40  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis		Analyst	Method	Batch
					Date	Time			
<b>*ORGANIC PARAMETERS*</b>									
Benzene	ND	ug/L	0.5	1.0	7/ 1/02	19:12	D.Ramey	8021B	9888
Ethylbenzene	ND	ug/L	0.5	1.0	7/ 1/02	19:12	D.Ramey	8021B	9888
Toluene	ND	ug/L	0.5	1.0	7/ 1/02	19:12	D.Ramey	8021B	9888
Xylenes (Total)	ND	ug/L	0.5	1.0	7/ 1/02	19:12	D.Ramey	8021B	9888
Methyl-t-butylether	ND	ug/L	0.5	1.0	7/ 1/02	19:12	D.Ramey	8021B	9888

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	102.	67. - 135.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
JOHN ORTEGA  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A102540  
Sample ID: OW2  
Sample Type: Water  
Site ID: 7-3399

Project: 7-3399  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER L. MITCHELL

Date Collected: 6/18/02  
Time Collected: 10:05  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<hr/>									
*ORGANIC PARAMETERS*									
Benzene	ND	ug/L	0.5	1.0	7/ 2/02	1:11	D.Ramey	8021B	3223
Ethylbenzene	ND	ug/L	0.5	1.0	7/ 2/02	1:11	D.Ramey	8021B	3223
Toluene	ND	ug/L	0.5	1.0	7/ 2/02	1:11	D.Ramey	8021B	3223
Xylenes (Total)	ND	ug/L	0.5	1.0	7/ 2/02	1:11	D.Ramey	8021B	3223
Methyl-t-butylether	1910	ug/L	5.0	10.0	7/ 2/02	17:10	D.Ramey	8021B	4889
<hr/>									
*VOLATILE ORGANICS*									
Methyl-t-butyl ether	1800	ug/L	20.0	10.0	7/ 5/02	20:22	N. Hurt	8260B	5310

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	101.	69. - 132.
VOA Surr 1,2-DCA-d4	102.	56. - 155.
VOA Surr Toluene-d8	104.	79. - 130.
VOA Surr, 4-BFB	100.	62. - 155.
VOA Surr, DBFM	101.	74. - 127.

Sample report continued . . .

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

Laboratory Number: 02-A102540  
Sample ID: OW2  
Project: 7-3399  
Page 2

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.
- B - Analyte was detected in the method blank.
- J - Estimated Value below Report Limit.
- E - Estimated Value above the calibration limit of the instrument.
- # - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
JOHN ORTEGA  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A102541  
Sample ID: VR1  
Sample Type: Water  
Site ID: 7-3399

Project: 7-3399  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER L. MITCHELL

Date Collected: 6/18/02  
Time Collected: 12:05  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<hr/>									
*ORGANIC PARAMETERS*									
Benzene	ND	ug/L	0.5	1.0	7/ 2/02	1:40	D.Ramey	8021B	3223
Ethylbenzene	ND	ug/L	0.5	1.0	7/ 2/02	1:40	D.Ramey	8021B	3223
Toluene	ND	ug/L	0.5	1.0	7/ 2/02	1:40	D.Ramey	8021B	3223
Xylenes (Total)	ND	ug/L	0.5	1.0	7/ 2/02	1:40	D.Ramey	8021B	3223
Methyl-t-butylether	188.	ug/L	0.5	1.0	7/ 2/02	1:40	D.Ramey	8021B	3223
<hr/>									
*VOLATILE ORGANICS*									
Methyl-t-butyl ether	160.	ug/L	100.	50.0	7/ 5/02	20:51	N. Hurt	8260B	5310

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	102.	69. - 132.
VOA Surr 1,2-DCA-d4	99.	56. - 155.
VOA Surr Toluene-d8	98.	79. - 130.
VOA Surr, 4-BFB	108.	62. - 155.
VOA Surr, DBFM	98.	74. - 127.

Sample report continued . . .

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

Laboratory Number: 02-A102541  
Sample ID: VR1  
Project: 7-3399  
Page 2

### LABORATORY COMMENTS:

ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
JOHN ORTEGA  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A102542  
Sample ID: PMW2  
Sample Type: Water  
Site ID: 7-3399

Project: 7-3399  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER L. MITCHELL

Date Collected: 6/18/02  
Time Collected: 10:25  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis		Analyst	Method	Batch
					Date	Time			
<b>*ORGANIC PARAMETERS*</b>									
Benzene	ND	ug/L	0.5	1.0	7/ 2/02	2:10	D.Ramey	8021B	3223
Ethylbenzene	ND	ug/L	0.5	1.0	7/ 2/02	2:10	D.Ramey	8021B	3223
Toluene	ND	ug/L	0.5	1.0	7/ 2/02	2:10	D.Ramey	8021B	3223
Xylenes (Total)	ND	ug/L	0.5	1.0	7/ 2/02	2:10	D.Ramey	8021B	3223
Methyl-t-butylether	5.6	ug/L	0.5	1.0	7/ 2/02	2:10	D.Ramey	8021B	3223
<b>*VOLATILE ORGANICS*</b>									
Methyl-t-butyl ether	4.30	ug/L	2.00	1.0	7/ 5/02	21:20	N. Hurt	8260B	5310

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	102.	69. - 132.
VOA Surr 1,2-DCA-d4	100.	56. - 155.
VOA Surr Toluene-d8	100.	79. - 130.
VOA Surr, 4-BFB	105.	62. - 155.
VOA Surr, DBFM	100.	74. - 127.

Sample report continued . . .

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

Laboratory Number: 02-A102542  
Sample ID: PMW2  
Project: 7-3399  
Page 2

### LABORATORY COMMENTS:

ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
JOHN ORTEGA  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A102543  
Sample ID: PMW3  
Sample Type: Water  
Site ID: 7-3399

Project: 7-3399  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER L. MITCHELL

Date Collected: 6/18/02  
Time Collected: 9:25  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<hr/>									
*ORGANIC PARAMETERS*									
Benzene	ND	ug/L	0.5	1.0	7/ 2/02	3:39	D.Ramey	8021B	3223
Ethylbenzene	ND	ug/L	0.5	1.0	7/ 2/02	3:39	D.Ramey	8021B	3223
Toluene	ND	ug/L	0.5	1.0	7/ 2/02	3:39	D.Ramey	8021B	3223
Xylenes (Total)	ND	ug/L	0.5	1.0	7/ 2/02	3:39	D.Ramey	8021B	3223
Methyl-t-butylether	ND	ug/L	0.5	1.0	7/ 2/02	3:39	D.Ramey	8021B	3223

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	103.	69. - 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
JOHN ORTEGA  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A102544  
Sample ID: PMW5  
Sample Type: Water  
Site ID: 7-3399

Project: 7-3399  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER L. MITCHELL

Date Collected: 6/18/02  
Time Collected: 11:10  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report	Dil	Analysis		Analysis		
			Limit	Factor	Date	Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
Benzene	1.1	ug/L	0.5	1.0	7/ 2/02	17:38	D.Ramey	8021B	4889
Ethylbenzene	ND	ug/L	0.5	1.0	7/ 2/02	17:38	D.Ramey	8021B	4889
Toluene	0.5	ug/L	0.5	1.0	7/ 2/02	17:38	D.Ramey	8021B	4889
Xylenes (Total)	ND	ug/L	0.5	1.0	7/ 2/02	17:38	D.Ramey	8021B	4889
Methyl-t-butylether	260.	ug/L	10.0	20.0	7/ 2/02	4:08	D.Ramey	8021B	3223
<b>*VOLATILE ORGANICS*</b>									
Methyl-t-butyl ether	226.	ug/L	20.0	10.0	7/ 5/02	21:49	N. Hurt	8260B	5310

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	102.	69. - 132.
VOA Surr 1,2-DCA-d4	100.	56. - 155.
VOA Surr Toluene-d8	102.	79. - 130.
VOA Surr, 4-BFB	108.	62. - 155.
VOA Surr, DBFM	100.	74. - 127.

Sample report continued . . .

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

Laboratory Number: 02-A102544  
Sample ID: PMW5  
Project: 7-3399  
Page 2

### LABORATORY COMMENTS:

ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## PROJECT QUALITY CONTROL DATA

Project Number: 7-3399

Page: 1

### Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
<b>**UST ANALYSIS**</b>								
Benzene	mg/l	< 0.0005	0.0465	0.0500	93	74. - 129.	9888	BLANK
Benzene	mg/l	< 0.0005	0.0456	0.0500	91	74. - 129.	3223	BLANK
Benzene	mg/l	< 0.0005	0.0456	0.0500	91	74. - 129.	3664	BLANK
Benzene	mg/l	< 0.0005	0.0447	0.0500	89	74. - 129.	4889	BLANK
Toluene	mg/l	< 0.0005	0.0467	0.0500	93	74. - 128.	9888	BLANK
Toluene	mg/l	< 0.0005	0.0458	0.0500	92	74. - 128.	3223	BLANK
Toluene	mg/l	< 0.0005	0.0458	0.0500	92	74. - 128.	3664	BLANK
Toluene	mg/l	< 0.0005	0.0449	0.0500	90	74. - 128.	4889	BLANK
Ethylbenzene	mg/l	< 0.0005	0.0486	0.0500	97	75. - 128.	9888	BLANK
Ethylbenzene	mg/l	< 0.0005	0.0478	0.0500	96	75. - 128.	3223	BLANK
Ethylbenzene	mg/l	< 0.0005	0.0478	0.0500	96	75. - 128.	3664	BLANK
Ethylbenzene	mg/l	< 0.0005	0.0468	0.0500	94	75. - 128.	4889	BLANK
Xylenes (Total)	mg/l	< 0.0005	0.0918	0.100	92	72. - 126.	9888	BLANK
Xylenes (Total)	mg/l	< 0.0005	0.0903	0.100	90	72. - 126.	3223	BLANK
Xylenes (Total)	mg/l	< 0.0005	0.0903	0.100	90	72. - 126.	3664	BLANK
Xylenes (Total)	mg/l	< 0.0005	0.0890	0.100	89	72. - 126.	4889	BLANK
Methyl-t-butylether	mg/l	< 0.0005	0.0443	0.0500	89	64. - 133.	9888	BLANK
Methyl-t-butylether	mg/l	< 0.0005	0.0450	0.0500	90	64. - 133.	3223	BLANK
Methyl-t-butylether	mg/l	< 0.0005	0.0450	0.0500	90	64. - 133.	3664	BLANK
Methyl-t-butylether	mg/l	< 0.0005	0.0460	0.0500	92	64. - 133.	4889	BLANK
BTEX/GRO Surr., a,a,a-TFT	% Recovery				99	69. - 132.	9888	
BTEX/GRO Surr., a,a,a-TFT	% Recovery				97	69. - 132.	3223	
BTEX/GRO Surr., a,a,a-TFT	% Recovery				97	69. - 132.	3664	
BTEX/GRO Surr., a,a,a-TFT	% Recovery				97	69. - 132.	4889	
VOA Surr 1,2-DCA-d4	% Rec				102	56. - 155.	5310	
VOA Surr Toluene-d8	% Rec				99	79. - 130.	5310	
VOA Surr, 4-BFB	% Rec				105	62. - 155.	5310	
VOA Surr, DBFM	% Rec				101	74. - 127.	5310	

Project QC continued . . .

# TestAmerica

INCORPORATED

## PROJECT QUALITY CONTROL DATA

Project Number: 7-3399

Page: 2

### Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
<b>**UST PARAMETERS**</b>						
Benzene	mg/l	0.0465	0.0455	2.17	15.	9888
Benzene	mg/l	0.0456	0.0473	3.66	15.	3223
Benzene	mg/l	0.0456	0.0473	3.66	15.	3664
Benzene	mg/l	0.0447	0.0447	0.00	15.	4889
Toluene	mg/l	0.0467	0.0458	1.95	15.	9888
Toluene	mg/l	0.0458	0.0474	3.43	15.	3223
Toluene	mg/l	0.0458	0.0474	3.43	15.	3664
Toluene	mg/l	0.0449	0.0449	0.00	15.	4889
Ethylbenzene	mg/l	0.0486	0.0475	2.29	15.	9888
Ethylbenzene	mg/l	0.0478	0.0495	3.49	15.	3223
Ethylbenzene	mg/l	0.0478	0.0495	3.49	15.	3664
Ethylbenzene	mg/l	0.0468	0.0469	0.21	15.	4889
Xylenes (Total)	mg/l	0.0918	0.0899	2.09	19.	9888
Xylenes (Total)	mg/l	0.0903	0.0935	3.48	19.	3223
Xylenes (Total)	mg/l	0.0903	0.0935	3.48	19.	3664
Xylenes (Total)	mg/l	0.0890	0.0890	0.00	19.	4889
Methyl-t-butylether	mg/l	0.0443	0.0437	1.36	23.	9888
Methyl-t-butylether	mg/l	0.0450	0.0464	3.06	23.	3223
Methyl-t-butylether	mg/l	0.0450	0.0464	3.06	23.	3664
Methyl-t-butylether	mg/l	0.0460	0.0443	3.77	23.	4889
BTEX/GRO Surr., a,a,a-TFT	% Recovery	99.				9888
BTEX/GRO Surr., a,a,a-TFT	% Recovery	97.				3223
BTEX/GRO Surr., a,a,a-TFT	% Recovery	97.				3664
BTEX/GRO Surr., a,a,a-TFT	% Recovery	97.				4889
VOA Surr 1,2-DCA-d4	% Rec	96.				5310
VOA Surr Toluene-d8	% Rec	97.				5310
VOA Surr, 4-BFB	% Rec	100.				5310
VOA Surr, DBFM	% Rec	99.				5310

Project QC continued . . .

# TestAmerica

INCORPORATED

## PROJECT QUALITY CONTROL DATA

Project Number: 7-3399

Page: 3

### Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
<b>**UST PARAMETERS**</b>						
Benzene	mg/l	0.100	0.0847	85	74 - 124	9888
Benzene	mg/l	0.100	0.0872	87	74 - 124	3223
Benzene	mg/l	0.100	0.0872	87	74 - 124	3664
Benzene	mg/l	0.100	0.0820	82	74 - 124	4889
Toluene	mg/l	0.100	0.0835	84	74 - 121	9888
Toluene	mg/l	0.100	0.0869	87	74 - 121	3223
Toluene	mg/l	0.100	0.0869	87	74 - 121	3664
Toluene	mg/l	0.100	0.0818	82	74 - 121	4889
Ethylbenzene	mg/l	0.100	0.0866	87	75 - 123	9888
Ethylbenzene	mg/l	0.100	0.0903	90	75 - 123	3223
Ethylbenzene	mg/l	0.100	0.0903	90	75 - 123	3664
Ethylbenzene	mg/l	0.100	0.0852	85	75 - 123	4889
Xylenes (Total)	mg/l	0.200	0.163	82	72 - 120	9888
Xylenes (Total)	mg/l	0.200	0.170	85	72 - 120	3223
Xylenes (Total)	mg/l	0.200	0.170	85	72 - 120	3664
Xylenes (Total)	mg/l	0.200	0.161	80	72 - 120	4889
Methyl-t-butylether	mg/l	0.100	0.0793	79	64 - 128	9888
Methyl-t-butylether	mg/l	0.100	0.0842	84	64 - 128	3223
Methyl-t-butylether	mg/l	0.100	0.0842	84	64 - 128	3664
Methyl-t-butylether	mg/l	0.100	0.0841	84	64 - 128	4889
BTEX/GRO Surr., a,a,a-TFT	% Recovery			93	69 - 132	9888
BTEX/GRO Surr., a,a,a-TFT	% Recovery			93	69 - 132	3223
BTEX/GRO Surr., a,a,a-TFT	% Recovery			93	69 - 132	3664
BTEX/GRO Surr., a,a,a-TFT	% Recovery			93	69 - 132	4889

### Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
<b>**VOA PARAMETERS**</b>						

Project QC continued . . .

# TestAmerica

INCORPORATED

## PROJECT QUALITY CONTROL DATA

Project Number: 7-3399

Page: 4

### Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Methyl-t-butyl ether	mg/l	0.0500	0.0503	101	66 - 137	5310
VOA Surr 1,2-DCA-d4	% Rec			102	56 - 155	5310
VOA Surr Toluene-d8	% Rec			102	79 - 130	5310
VOA Surr, 4-BFB	% Rec			99	62 - 155	5310
VOA Surr, DBFM	% Rec			102	74 - 127	5310

### Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed

### \*\*UST PARAMETERS\*\*

Benzene	< 0.0005	mg/l	3223	7/ 1/02	21:08
Benzene	< 0.0005	mg/l	3664	7/ 1/02	21:08
Benzene	< 0.0005	mg/l	9888	7/ 1/02	6:56
Benzene	< 0.0005	mg/l	4889	7/ 2/02	8:07
Toluene	< 0.0005	mg/l	3223	7/ 1/02	21:08
Toluene	< 0.0005	mg/l	3664	7/ 1/02	21:08
Toluene	< 0.0005	mg/l	9888	7/ 1/02	6:56
Toluene	< 0.0005	mg/l	4889	7/ 2/02	8:07
Ethylbenzene	< 0.0005	mg/l	3223	7/ 1/02	21:08
Ethylbenzene	< 0.0005	mg/l	3664	7/ 1/02	21:08
Ethylbenzene	< 0.0005	mg/l	9888	7/ 1/02	6:56
Ethylbenzene	< 0.0005	mg/l	4889	7/ 2/02	8:07
Xylenes (Total)	< 0.0005	mg/l	3223	7/ 1/02	21:08
Xylenes (Total)	< 0.0005	mg/l	3664	7/ 1/02	21:08
Xylenes (Total)	< 0.0005	mg/l	9888	7/ 1/02	6:56
Xylenes (Total)	< 0.0005	mg/l	4889	7/ 2/02	8:07
Methyl-t-butylether	< 0.0005	mg/l	3223	7/ 1/02	21:08
Methyl-t-butylether	< 0.0005	mg/l	3664	7/ 1/02	21:08
Methyl-t-butylether	< 0.0005	mg/l	9888	7/ 1/02	6:56
Methyl-t-butylether	< 0.0005	mg/l	4889	7/ 2/02	8:07

Project QC continued . . .

# TestAmerica

INCORPORATED

## PROJECT QUALITY CONTROL DATA

Project Number: 7-3399

Page: 5

### Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
-----	-----	-----	-----	-----	-----

#### \*\*UST PARAMETERS\*\*

BTEX/GRO Surr., a,a,a-TFT	102.	% Recovery	3223	7/ 1/02	21:08
BTEX/GRO Surr., a,a,a-TFT	102.	% Recovery	3664	7/ 1/02	21:08
BTEX/GRO Surr., a,a,a-TFT	104.	% Recovery	9888	7/ 1/02	6:56
BTEX/GRO Surr., a,a,a-TFT	102.	% Recovery	4889	7/ 2/02	8:07

### Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
-----	-----	-----	-----	-----	-----

#### \*\*VOA PARAMETERS\*\*

Methyl-t-butyl ether	< 0.00050	mg/l	5310	7/ 5/02	13:32
VOA Surr 1,2-DCA-d4	100.	% Rec	5310	7/ 5/02	13:32
VOA Surr Toluene-d8	104.	% Rec	5310	7/ 5/02	13:32
VOA Surr, 4-BFB	97.	% Rec	5310	7/ 5/02	13:32
VOA Surr, DBFM	101.	% Rec	5310	7/ 5/02	13:32

# - Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 290075



Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

CHAIN OF CUSTODY RECORD  
Phone: 615-726-0177  
Toll Free: 800-765-0980  
Fax: 615-726-3404

5/16/1902

290075

ExxonMobil

Consultant Name: ETIC ENGINEERING

Address: 2285 MORELLO AVENUE

City/State/Zip: PLEASANT HILL, CA. 94523

ExxonMobil Project Mgr: JOE MUEHLECK

Telephone Number: (925) 602-4710 EXT. 14

Fax No.: (925) 602-4720

Sampler Name: (Print) Christopher L. Mitchell

Sampler Signature:

Report To: JOHN ORTEGA

Invoice To: GENE ORTEGA (EXXONMOBIL TM)

Account #: 3865

PO #: 4501663700

Facility ID # 7-3399

Site Address 2991 HOPYARD ROAD

City, State Zip PLEASANTON, CA

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Ice	Preservative			Matrix			Analyze For:			RUSH TAT (Pre-Schedule)	TAT request (In Bus. Days)	STD TAT	Fax Results	
								HNO <sub>3</sub> (Red Label)	HCl (Blue Label)	NaOH ( Orange Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> Glass(Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	TPH-GIBTEX BY 8015/8020
MW1 102529	6/18	905	6				X	X								X	X	X			
MW4 ✓ 30	6/17	1345	6				X	X								X	X	X			
MW5S 31	6/17	1050	6				X	X								X	X	X			
MW5D 32	6/17	1010	6				X	X								X	X	X			
MW7 33	6/17	1500	6				X	X								X	X	X			
MW8 34	6/17	1435	6				X	X								X	X	X			
MW9A			6				X	X								X	*	*			
MW10 35	6/18	940	6				X	X								X	X	X			
MW11 36	6/17	1320	6				X	X								X	X	X			
MW12A 37	6/17	1210	6				X	X								X	X	X			

Special Instructions:

GLOBAL ID# T0600100537

EDF FILE REQUIRED

Laboratory Comments:

CONFIRM ALL MTBE HITS BY 8260B

Relinquished by:

Date 6/18/02

Time 1430

Received by:

Date

Time

Relinquished by:

Date

Time

Received by TestAmerica:

Date

Time

CML  
6/18

## CHAIN OF CUSTODY RECORD

**TestAmerica**  
INCORPORATED

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Toll Free: 800-765-0980  
Fax: 615-726-3404

6/17/02

**ExxonMobil**

Consultant Name: ETIC ENGINEERING

Address: 2285 MORELLO AVENUE

City/State/Zip: PLEASANT HILL, CA. 94523

ExxonMobil Project Mgr: JOE MUEHLECK

Telephone Number: (925) 602-4710 EXT. 14

Fax No.: (925) 602-4720

Sampler Name: (Print)

Christopher L. Mifflin

Sampler Signature:

Report To: JOHN ORTEGA

Invoice To: GENE ORTEGA (EXXONMOBIL TM)

Account #: 3865

PO #: 4501663700

Facility ID # 7-3399

Site Address 2991 HOPYARD ROAD

City, State Zip PLEASANTON, CA

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative			Matrix			Analyze For:			RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	STD TAT	Fax Results	
							Ice	HNO <sub>3</sub> (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):
MW13 102538	6/17	1135	6			X	X									X	X	X		X X
MW14 29	6/17	1040	6			X	X									X	X	X		X X
OW1			6			X	X									X	X	X		X X
OW2 40	6/18	1005	6			X	X									X	X	X		X X
VR1 41	6/18	1205	6			X	X									X	X	X		X X
VR2			6			X	X									X	X	X		X X
PMW1 6/18			6			X	X									X	X	X		X X
PMW2 42	6/18	1025	6			X	X									X	X	X		X X
PMW3 43	6/18	0925	6			X	X									X	X	X		X X
PMW4			6			X	X									X	X	X		X X
Special Instructions:	GLOBAL ID# T0600100537						EDF FILE REQUIRED						Laboratory Comments:							
CONFIRM ALL MTBE HITS BY 8260B																				
Relinquished by:	Date	Time	Received by:															Temperature Upon Receipt: Sample Containers Intact? VOCs Free of Headspace?	Y N	
<i>Christopher L. Mifflin</i>	6/18/02	1430																Y N		
Relinquished by:	Date	Time	Received by TestAmerica:																	
			<i>BWD</i>																	

CHAIN OF CUSTODY RECORD

# TestAmerica

INCORPORATED

**Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204**

**Phone:** 615-726-0177  
**Toll Free:** 800-765-0980  
**Fax:** 615-726-3404

6/14/02

**ExxonMobil**

**Consultant Name:** ETIC ENGINEERING  
**Address:** 2285 MORELLO AVENUE  
**City/State/Zip:** PLEASANT HILL, CA. 94523  
**ExxonMobil Project Mgr:** JOE MUEHLECK  
**Telephone Number:** (925) 602-4710 EXT. 14      **Fax No.:** (925) 602-4720  
**Sampler Name: (Print)** *Christopher L. Mitchell*  
**Sampler Signature:** *Christopher L. Mitchell*

**Report To:** JOHN ORTEGA  
**Invoice To:** GENE ORTEGA (EXXONMOBIL TM)  
**Account #:** 3865  
**PO #:** 4501663700  
**Facility ID #** 7-3399  
**Site Address** 2991 HOPYARD ROAD  
**City, State Zip** PLEASANTON, CA

- CW  
6/18

**Special Instructions:**

GLOBAL ID# T0600100537

**EDF FILE REQUIRED**

### **Laboratory Comments**

### Temperature Upon Receipt

Sample Containers Intact? Y

VOCs Free of Headspace? Y

**CONFIRM ALL MTBE HITS BY 8260B**

### **Relinquished by**

Date \_\_\_\_\_

T

e | Received by:

---

Date

Tim

WISCONSIN

— 1 —

— 1 —

Downloaded from https://academic.oup.com/imrn/article/2020/11/3633/3290333 by guest on 11 August 2021

84

三

# TESTAMERICA, INC.-NASHVILLE

## COOLER RECEIPT FORM

Client: ETIC ENGINEERING

BC# 290075

Cooler Received On: 4/21/02 And Opened On: 6/21/02 By: Ben Wright

BW  
(Signature)

1. Temperature of Cooler when opened 2.0 Degrees Celsius
2. Were custody seals on outside of cooler?.....  YES... NO
3. Were custody seals on containers and intact?.....  NO... YES
4. Were the seals intact, signed, and dated correctly?.....  YES... NO NA
5. Were custody papers inside cooler?.....  YES... NO
6. Were custody papers properly filled out (ink,signed,etc)?.....  YES... NO
7. Did you sign the custody papers in the appropriate place?.....  YES... NO
8. What kind of packing material used? Bubblewrap Peanuts Vermiculite Other None
9. Was sufficient ice used (if appropriate)?.....  YES... NO
10. Did all bottles arrive in good condition( unbroken)?.....  YES... NO
11. Were all bottle labels complete (#,date,signed,pres,etc)?.....  YES... NO
12. Did all bottle labels and tags agree with custody papers?.....  YES... NO
13. Were correct bottles used for the analysis requested?.....  YES... NO
14. a. Were VOA vials received?.....  YES... NO  
b. Was there any observable head space present in any VOA vial?.....  NO... YES
15. Was sufficient amount of sample sent in each bottle?.....  YES... NO
16. Were correct preservatives used?.....  YES... NO
17. Was residual chlorine present?.....  NO... YES NA
18. Corrective action taken, if necessary:  
  
See attached for resolution

# TestAmerica

INCORPORATED

7/27/02

ETIC

PLEASANT HILL, CA 94523

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project EXXONMOBIL 7-3399. The Laboratory Project number is 294346. An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any exceptions outside routine method protocols are noted either below or by data flags or comments on individual sample results.

Sample Identification	Lab Number	Page 1 Collection Date
MW1	02-A121594	6/18/02
MW4	02-A121595	6/17/02
MW5S	02-A121596	6/17/02
MW5D	02-A121597	6/17/02
MW7	02-A121598	6/17/02
MW8	02-A121599	6/17/02
MW10	02-A121600	6/17/02
MW11	02-A121601	6/17/02
MW12A	02-A121602	6/17/02
MW13	02-A121603	6/17/02
MW14	02-A121604	6/17/02
OW2	02-A121605	6/18/02
VR1	02-A121606	6/18/02
PMW2	02-A121607	6/18/02
PMW3	02-A121608	6/18/02
PMW5	02-A121609	6/18/02

TPH-GRO analysis performed outside holding time at client's request.

JUL 30 2002

# TestAmerica

INCORPORATED

Sample Identification

Lab Number

Page 2  
Collection Date

These results relate only to the items tested.  
This report shall not be reproduced except in full and with  
permission of the laboratory.

Report Approved By:

Roxanne L. Conner

Report Date: 7/27/02

Paul E. Lane, Jr., Vice President/Div. Manager	Gail A. Lage, Technical Serv.
Michael H. Dunn, M.S., Technical Director	Glenn L. Norton, Technical Serv.
Johnny A. Mitchell, Dir. Technical Serv.	Kelly S. Comstock, Technical Serv.
Eric S. Smith, Assistant Technical Director	Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 01168CA

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A121594  
Sample ID: MW1  
Sample Type: Water  
Site ID:

Project:  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER MITCHELL

Date Collected: 6/18/02  
Time Collected: 9:05  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/26/02	23:03	D.Ramey	8015B	1918

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	106.	69. - 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A121595  
Sample ID: MW4  
Sample Type: Water  
Site ID:

Project:  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER MITCHELL

Date Collected: 6/17/02  
Time Collected: 13:45  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/26/02	23:35	D.Ramey	8015B	1918

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	106.	69. - 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A121596  
Sample ID: MW5S  
Sample Type: Water  
Site ID:

Project:  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER MITCHELL

Date Collected: 6/17/02  
Time Collected: 10:50  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/27/02	0:07	D.Ramey	8015B	1918

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	106.	69. - 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A121597  
Sample ID: MW5D  
Sample Type: Water  
Site ID:

Project:  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER MITCHELL

Date Collected: 6/17/02  
Time Collected: 10:10  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/27/02	0:40	D.Ramey	8015B	1918

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	105.	69. - 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A121598  
Sample ID: MW7  
Sample Type: Water  
Site ID:

Project:  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER MITCHELL

Date Collected: 6/17/02  
Time Collected: 15:00  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/27/02	1:12	D.Ramey	8015B	1918

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	107.	69. - 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A121599  
Sample ID: MW8  
Sample Type: Water  
Site ID:

Project:  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER MITCHELL

Date Collected: 6/17/02  
Time Collected: 14:35  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/27/02	1:44	D.Ramey	8015B	1918

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	106.	69. - 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A121600  
Sample ID: MW10  
Sample Type: Water  
Site ID:

Project:  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER MITCHELL

Date Collected: 6/17/02  
Time Collected: 9:40  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/27/02	2:16	D.Ramey	8015B	1918

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	106.	69. - 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A121601  
Sample ID: MW11  
Sample Type: Water  
Site ID:

Project:  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER MITCHELL

Date Collected: 6/17/02  
Time Collected: 13:50  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/27/02	2:48	D.Ramey	8015B	1918

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	105.	69. - 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A121602  
Sample ID: MW12A  
Sample Type: Water  
Site ID:

Project:  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER MITCHELL

Date Collected: 6/17/02  
Time Collected: 12:10  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/27/02	4:25	D.Ramey	8015B	1918

Surrogate	% Recovery	Target Range
ETEX/GRO Surr., a,a,a-TFT	106.	69. - 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A121603  
Sample ID: MW13  
Sample Type: Water  
Site ID:

Project:  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER MITCHELL

Date Collected: 6/17/02  
Time Collected: 11:35  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/27/02	4:57	D.Ramey	8015B	1918

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	106.	69. - 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A121604  
Sample ID: MW14  
Sample Type: Water  
Site ID:

Project:  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER MITCHELL

Date Collected: 6/17/02  
Time Collected: 10:40  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/27/02	5:29	D.Ramey	8015B	1918

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	105.	69. - 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A121605  
Sample ID: OW2  
Sample Type: Water  
Site ID:

Project:  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER MITCHELL

Date Collected: 6/18/02  
Time Collected: 10:05  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
TPH (Gasoline Range)	1310	ug/L	250.	5.0	7/27/02	13:03	D.Ramey	8015B	4295

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	106.	69. - 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.
- B - Analyte was detected in the method blank.
- J - Estimated Value below Report Limit.
- E - Estimated Value above the calibration limit of the instrument.
- # - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A121606  
Sample ID: VRL  
Sample Type: Water  
Site ID:

Project:  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER MITCHELL

Date Collected: 6/18/02  
Time Collected: 12:05  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
TPH (Gasoline Range)	122.	ug/L	50.0	1.0	7/27/02	6:33	D.Ramey	8015B	1918
<hr/>									
Surrogate		% Recovery			Target Range				
BTEX/GRO Surr., a,a,a-TFT		106.			69. - 132.				

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A121607  
Sample ID: PMW2  
Sample Type: Water  
Site ID:

Project:  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER MITCHELL

Date Collected: 6/18/02  
Time Collected: 10:25  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<hr/>									
*ORGANIC PARAMETERS*									
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/27/02	7:05	D.Ramey	8015B	1918

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	106.	69. ~ 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A121608  
Sample ID: PMW3  
Sample Type: Water  
Site ID:

Project:  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER MITCHELL

Date Collected: 6/18/02  
Time Collected: 9:25  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/27/02	7:37	D.Ramey	8015B	1918

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	107.	69. - 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ETIC 3865  
2285 MORELLO AVENUE  
PLEASANT HILL, CA 94523

Lab Number: 02-A121609  
Sample ID: PMW5  
Sample Type: Water  
Site ID:

Project:  
Project Name: EXXONMOBIL 7-3399  
Sampler: CHRISTOPHER MITCHELL

Date Collected: 6/18/02  
Time Collected: 11:10  
Date Received: 6/21/02  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
TPH (Gasoline Range)	167.	ug/L	50.0	1.0	7/27/02	13:36	D.Ramey	8015B	4295

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	105.	69. - 132.

### LABORATORY COMMENTS:

- ND - Not detected at the report limit.  
B - Analyte was detected in the method blank.  
J - Estimated Value below Report Limit.  
E - Estimated Value above the calibration limit of the instrument.  
# - Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## PROJECT QUALITY CONTROL DATA

Project Number:

Page: 1

### Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Sample
<b>**UST ANALYSIS**</b>								
TPH (Gasoline Range)	mg/l	< 0.0420	0.971	1.00	97	59. - 128.	1918	BLANK
TPH (Gasoline Range)	mg/l	< 0.0500	0.971	1.00	97	59. - 128.	4295	BLANK
BTEX/GRO Surr., a,a,a-TFT	% Recovery				100	69. - 132.	1918	
BTEX/GRO Surr., a,a,a-TFT	% Recovery				99	69. - 132.	4295	

### Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
<b>**UST PARAMETERS**</b>						
TPH (Gasoline Range)	mg/l	0.971	0.876	10.29	22.	1918
TPH (Gasoline Range)	mg/l	0.971	0.876	10.29	22.	4295
BTEX/GRO Surr., a,a,a-TFT	% Recovery		100.	.	.	1918
BTEX/GRO Surr., a,a,a-TFT	% Recovery		101.	.	.	4295

### Laboratory Control Data ..

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
<b>**UST PARAMETERS**</b>						
TPH (Gasoline Range)	mg/l	1.00	0.971	97	61 - 139	1918
TPH (Gasoline Range)	mg/l	1.00	0.971	97	61 - 139	4295
BTEX/GRO Surr., a,a,a-TFT	% Recovery			99	69 - 132	1918
BTEX/GRO Surr., a,a,a-TFT	% Recovery			99	69 - 132	4295

Project QC continued . . .

# TestAmerica

INCORPORATED

## PROJECT QUALITY CONTROL DATA

Project Number:

Page: 2

### Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
-----	-----	-----	-----	-----	-----

### \*\*UST PARAMETERS\*\*

TPH (Gasoline Range)	< 0.0420	mg/l	1918	7/26/02	17:37
TPH (Gasoline Range)	< 0.0500	mg/l	4295	7/27/02	3:53

### Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
-----	-----	-----	-----	-----	-----

### \*\*UST PARAMETERS\*\*

BTEX/GRO Surr., a,a,a-TFT	105.	% Recovery	1918	7/26/02	17:37
BTEX/GRO Surr., a,a,a-TFT	107.	% Recovery	4295	7/27/02	3:53

# - Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 294346

# TestAmerica

INCORPORATED

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

CHART OF CUSTODY RECORD  
Phone: 615-726-0177  
Toll Free: 800-765-0980  
Fax: 615-726-3404

5/16/98

*290075*  
**ExxonMobil**

Consultant Name: ETIC ENGINEERING

Address: 2285 MORELLO AVENUE

City/State/Zip: PLEASANT HILL, CA. 94523

ExxonMobil Project Mgr: JOE MUEHLECK

Telephone Number: (925) 602-4710 EXT. 14

Fax No.: (925) 602-4720

Sampler Name: (Print) Christopher L. Mitchell

Sampler Signature: *Christopher L. Mitchell*

Report To: JOHN ORTEGA

Invoice To: GENE ORTEGA (EXXONMOBIL TM)

Account #: 3865

PO #: 4501663700

Facility ID # 7-3399

Site Address 2991 HOPYARD ROAD

City, State Zip PLEASANTON, CA

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative			Matrix			Analyze For:			RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	STD TAT	Fax Results	
							Ice	HNO <sub>3</sub> (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):
MW1 <i>102524</i>	6/18	905	6			X	X										X X X			
MW4 <i>✓ 30</i>	6/17	1345	6			X	X										X X X			
MW5S <i>31</i>	6/17	1050	6			X	X										X X X			
MW5D <i>32</i>	6/17	1010	6			X	X										X X X			
MW7 <i>33</i>	6/17	1500	6			X	X										X X X			
MW8 <i>34</i>	6/17	1435	6			X	X										X X X			
MW9A			6			X	X										X X X			
MW10 <i>35</i>	6/18	940	6			X	X										X X X			
MW11 <i>36</i>	6/17	1350	6			X	X										X X X			
MW12A <i>37</i>	6/17	1210	6			X	X										X X X			

Special Instructions:

GLOBAL ID# T0600100537

EDF FILE REQUIRED

Labo

CONFIRM ALL MTBE HITS BY 8260B

Relinquished by:

Date 6/18/02 Time 1430

Received by:

Date

Time

Relinquished by:

Date

Time

Received by TestAmerica:

Date 6/21/02

Time 0900

CVR  
6/18

**TestAmerica**  
INCORPORATED

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Toll Free: 800-765-0980  
Fax: 615-726-3404

6/19/02

**ExxonMobil**

294346

Consultant Name: ETIC ENGINEERING  
Address: 2285 MORELLO AVENUE  
City/State/Zip: PLEASANT HILL, CA. 94523  
ExxonMobil Project Mgr: JOE MUEHLECK  
Telephone Number: (925) 602-4710 EXT. 14  
Sampler Name: (Print) Christopher V. Mitchell II  
Sampler Signature: Christopher V. Mitchell II

Report To: JOHN ORTEGA  
Invoice To: GENE ORTEGA (EXXONMOBIL TM)  
Account #: 3865  
PO #: 4501663700  
Facility ID # 7-3399  
Site Address 2991 HOPYARD ROAD  
City, State Zip PLEASANTON, CA

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Preservative	Matrix	Analyze For:						
						Ice	HNO <sub>3</sub> (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> Glass (Yellow Label)	None (Black Label)
Grab	Composite	Field Filtered	Other (Specify):	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (Specify):	Other (Specify):	Other (Specify):	
MW13 102538	6/17	1135	6	X X	X	X	X	X	X X X	X X X	OE-A121204-1	
MW14 102539	6/17	1040	6	X X	X	X	X	X	X X X	X X X	OE-A121204-1	
OW1			6	X X	X	X	X	X	X X X	X X X	OE-A121205-1	
OW2 102540	6/18	1005	6	X X	X	X	X	X	X X X	X X X	OE-A121205-1	
VR1 102541	6/18	1205	6	X X	X	X	X	X	X X X	X X X	OE-A121206-1	
VR2			6	X X	X	X	X	X	X X X	X X X	OE-A121206-1	
PMW1	6/18		6	X X	X	X	X	X	X X X	X X X	OE-A121207-1	
PMW2 102542	6/18	1025	6	X X	X	X	X	X	X X X	X X X	OE-A121207-1	
PMW3 102543	6/18	0925	6	X X	X	X	X	X	X X X	X X X	OE-A121208-1	
PMW4			6	X X	X	X	X	X	X X X	X X X	OE-A121208-1	
Special Instructions: GLOBAL ID# T0600100537 EDF FILE REQUIRED												
CONFIRM ALL MTBE HITS BY 8260B												
Relinquished by: Christopher V. Mitchell II				Date	Time	Received by:		Date	Time	Laboratory Comments:		
				6/18/02	1430					Temperature Upon Receipt: Y N		
										Sample Containers Intact? Y N		
										VOCs Free of Headspace? Y N		
Relinquished by:				Date	Time	Received by TestAmerica:		Date	Time	CM 6/18		
						BW		6/18	0900			



## SAMPLE REQUEST FROM SAMPLE STORAGE

7-24-02

BC290075

CLIENT: ENC #3845

ACCOUNT #: 3845

LAB #: 102529 - 44

CONTAINERS: VOA's

### REQUEST:

Per Joe Muehlecke - analyze  
for GRO - Out of hold

No Charge - Was not analyzed  
initially as requested.

Thanks! Leah  
Ext 254