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**Environmental Services Company**  
4096 Piedmont Avenue #194  
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jennifer.c.sedlachek@exxonmobil.com

**Jennifer C. Sedlachek**  
Project Manager

**ExxonMobil**

September 19, 2008

**RECEIVED**

1:58 pm, Sep 24, 2008

Alameda County  
Environmental Health

Ms. Barbara Jakub  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, 2<sup>nd</sup> Floor  
Alameda, California 94502

Subject: Former Mobil Station 04334, 2492 Castro Valley Boulevard, Castro Valley, California

Dear Ms. Jakub:

Attached for your review and comment is a copy of the *Report of Groundwater Monitoring, Third Quarter 2008* for the above-referenced site. The report, prepared by ETIC Engineering, Inc. of Pleasant Hill, California, details the results of the July 2008 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 510.547.8196.

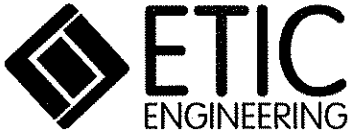
Sincerely,



Jennifer C. Sedlachek  
Project Manager

Attachment: ETIC Groundwater Monitoring Report dated September 2008

- c: w/ attachment:  
Ms. Paula Floeck – Jiffy Lube International  
Mr. Joseph D. Phillips – Jiffy Lube Remediation Coordinator  
Mr. William Slautterback – Cal Lube Real Estate Limited Partnership  
Mr. William Peterson – Owner of Castro Valley Lumber Company
- c: w/o attachment:  
Mr. Bryan Campbell – ETIC Engineering, Inc.



**Report of Groundwater Monitoring  
Third Quarter 2008**

**Former Mobil Station 04334  
2492 Castro Valley Boulevard  
Castro Valley, California**

Prepared for

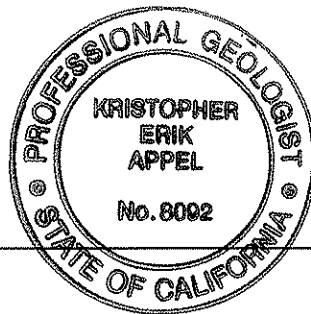
ExxonMobil Oil Corporation

Prepared by

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

A handwritten signature in black ink that reads "K. Erik Appel".

K. Erik Appel, P.G. #8092  
Senior Project Geologist



A handwritten date in black ink that reads "September 11, 2008".

Date

September 2008

## SITE CONTACTS

Site Name: Former Mobil Station 04334

Site Address: 2492 Castro Valley Boulevard  
Castro Valley, California

ExxonMobil Project Manager: Jennifer C. Sedlachek  
ExxonMobil Environmental Services Company  
4096 Piedmont Avenue #194  
Oakland, California 94611  
(510) 547-8196

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

ETIC Project Manager: K. Erik Appel

Regulatory Oversight: Barbara Jakub  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, 2<sup>nd</sup> Floor  
Alameda, California 94502  
(510) 567-6700

## INTRODUCTION

ETIC Engineering, Inc. (ETIC) has prepared this quarterly groundwater monitoring report for ExxonMobil Environmental Services Company on behalf of ExxonMobil Oil Corporation for the former Mobil Station 04334. 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 1 May 2008, the date of the previous monitoring event to 31 July 2008, the date of the most recent monitoring event. Groundwater monitoring results, well construction details, and a groundwater monitoring plan are provided 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 Mobil Station 04334
<b>Site address:</b>	2492 Castro Valley Boulevard, Castro Valley, California
<b>Current property owner:</b>	Cal Lube Real Estate Limited Partnership
<b>Current site use:</b>	Jiffy Lube Oil Change facility
<b>Current phase of project:</b>	Groundwater monitoring
<b>Tanks at site:</b>	Four former underground storage tanks removed 1983
<b>Number of wells:</b>	4 (3 onsite, 1 offsite)

## GROUNDWATER MONITORING SUMMARY

<b>Gauging and sampling date:</b>	31 July 2008
<b>Wells gauged and sampled:</b>	MW1-MW4
<b>Wells gauged only:</b>	None
<b>Groundwater flow direction:</b>	Northeast
<b>Groundwater gradient:</b>	0.020
<b>Well screens submerged:</b>	None
<b>Well screens not submerged:</b>	MW1, MW2, MW3, MW4
<b>Liquid-phase hydrocarbons:</b>	Not observed or detected
<b>Laboratory:</b>	TestAmerica, Inc., Morgan Hill, California

### Analyses performed:

- Total Petroleum Hydrocarbons as gasoline and as diesel by EPA Method 8015B
- Benzene, toluene, ethylbenzene, and xylenes by EPA Method 8021B
- Methyl tertiary butyl ether by EPA Method 8260B

## **ADDITIONAL ACTIVITIES PERFORMED**

ETIC received a letter from the Alameda County Health Care Services Agency dated 13 June 2008 requesting a work plan for the proposed offsite groundwater monitoring well. This work plan will be submitted under separate cover.

## **WORK PROPOSED FOR NEXT QUARTER**

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

### Attachments:

Figure 1: Site Map Showing Groundwater Elevations and Analytical Results

Table 1: Well Construction Details

Table 2: Groundwater Monitoring Data

Table 3: Groundwater Monitoring Plan

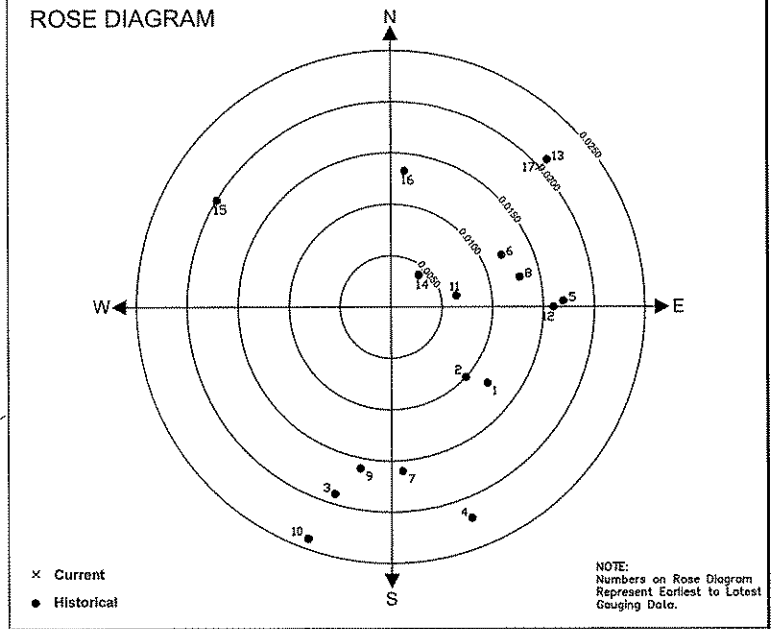
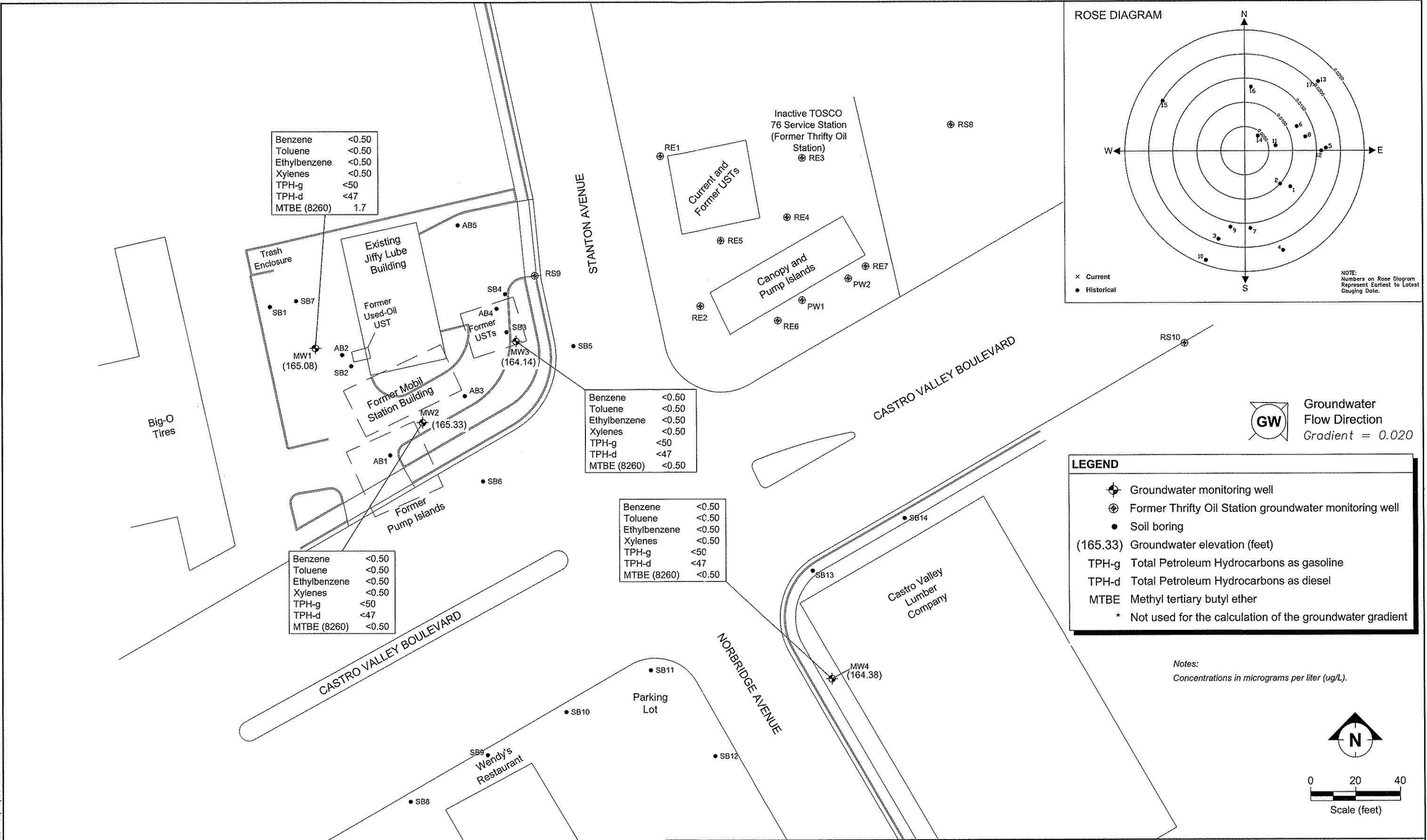
Appendix A: Field Protocols

Appendix B: Field Documents

Appendix C: Laboratory Analytical Reports and Chain-of-Custody Documentation

## **Figures**

FILENAME: 302008.DWG 08/13/08

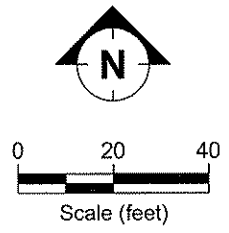


**GW** Groundwater Flow Direction  
Gradient = 0.020

**LEGEND**

- ⊕ Groundwater monitoring well
- ⊕ Former Thrifty Oil Station groundwater monitoring well
- Soil boring
- (165.33) Groundwater elevation (feet)
- TPH-g Total Petroleum Hydrocarbons as gasoline
- TPH-d Total Petroleum Hydrocarbons as diesel
- MTBE Methyl tertiary butyl ether
- \* Not used for the calculation of the groundwater gradient

Notes:  
Concentrations in micrograms per liter (ug/L).



**SITE MAP SHOWING GROUNDWATER ELEVATIONS AND ANALYTICAL RESULTS  
FORMER MOBIL STATION 04334  
2492 CASTRO VALLEY BOULEVARD, CASTRO VALLEY, CALIFORNIA  
31 JULY 2008**

## **Tables**



TABLE 1 WELL CONSTRUCTION DETAILS, FORMER MOBIL STATION 04334, 2492 CASTRO VALLEY BOULEVARD, CASTRO VALLEY, 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	a 06/24/04	173.23	PVC	20	20	8.25	2	5 - 20	0.010	4.5 - 20	#2/12 Sand
MW2	a 06/25/04	173.63	PVC	20	20	8.25	2	5 - 20	0.010	4.5 - 20	#2/12 Sand
MW3	a 06/25/04	171.91	PVC	20	20	8.25	2	5 - 20	0.010	4.5 - 20	#2/12 Sand
MW4	a 06/24/04	170.48	PVC	15	14	8.25	2	4 - 14	0.010	3.5 - 15	#2/12 Sand

Notes:

a Well surveyed on 12 July 2004 by Morrow Surveying.

PVC Polyvinyl chloride.

TOC Top of casing.

TABLE 2 GROUNDWATER MONITORING DATA, FORMER MOBIL STATION 04334, 2492 CASTRO VALLEY BOULEVARD, CASTRO VALLEY, CALIFORNIA

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L)						
					Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE
MW1	a 08/13/04	173.23	7.32	165.91	<0.5	0.7	<0.5	1.0	<50	71	1.20 <sup>b</sup>
MW1	11/09/04	173.23	6.96	166.27	<0.5	0.9	<0.5	0.9	<50	63	1.50 <sup>b</sup>
MW1	02/16/05	173.23	6.10	167.13	<0.5	1.0	<0.5	1.5	<50	78	1.30 <sup>b</sup>
MW1	05/16/05	173.23	5.81	167.42	<0.5	<0.5	<0.5	<0.5	<50	<50	1.40 <sup>b</sup>
MW1	08/17/05	173.23	6.70	166.53	<0.5	<0.5	<0.5	<0.5	<50	<50	1.19 <sup>b</sup>
MW1	11/15/05	173.23	7.55	165.68	<0.5	<0.5	<0.5	<0.5	<50	<50	1.13 <sup>b</sup>
MW1	02/06/06	173.23	6.40	166.83	<0.5	<0.5	<0.5	<0.5	<50	160	<0.5 <sup>b</sup>
MW1	05/03/06	173.23	6.95	166.28	<1.00	<1.00	<1.00	<3.00	<50.0	78	<0.50 <sup>b</sup>
MW1	08/04/06	173.23	7.71	165.52	<0.50	<0.50	<0.50	<0.50	<50.0	167	<0.500 <sup>b</sup>
MW1	11/06/06	173.23	7.57	165.66	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	0.880 <sup>b</sup>
MW1	02/21/07	173.23	7.19	166.04	<0.50	<0.50	<0.50	<0.50	<50.0	<46.9	2.42 <sup>b</sup>
MW1	08/01/07	173.23	8.00	165.23	3.02	4.18	0.89	3.96	90.8	<47	1.54 <sup>b</sup>
MW1	10/25/07	173.23	7.90	165.33	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	1.63 <sup>b</sup>
MW1	01/31/08	173.23	6.60	166.63	<0.50	<0.50	<0.50	<0.50	<50	<50	1.8 <sup>b</sup>
MW1	05/01/08	173.23	7.80	165.43	<1.00	<1.00	<1.00	<3.00	<50.0	<47.2	1.67 <sup>b</sup>
<b>MW1</b>	<b>07/31/08</b>	<b>173.23</b>	<b>8.15</b>	<b>165.08</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;50</b>	<b>&lt;47</b>	<b>1.7<sup>b</sup></b>
MW2	a 08/13/04	173.63	6.96	166.67	<0.5	0.8	<0.5	1.0	<50	57	<0.5 <sup>b</sup>
MW2	11/09/04	173.63	6.44	167.19	<0.5	1.1	<0.5	1.2	<50	<50	<0.5 <sup>b</sup>
MW2	02/16/05	173.63	5.21	168.42	<0.5	0.9	<0.5	1.4	<50	55	<0.5 <sup>b</sup>
MW2	05/16/05	173.63	5.86	167.77	<0.5	<0.5	<0.5	<0.5	<50	<50	<0.5 <sup>b</sup>
MW2	08/17/05	173.63	5.72	167.91	<0.5	<0.5	<0.5	<0.5	<50	<50	<0.5 <sup>b</sup>
MW2	11/15/05	173.63	7.65	165.98	<0.5	<0.5	<0.5	<0.5	<50	<50	<0.5 <sup>b</sup>
MW2	02/06/06	173.63	6.24	167.39	<0.5	<0.5	<0.5	<0.5	<50	<50	<0.5 <sup>b</sup>
MW2	05/03/06	173.63	6.53	167.10	<1.00	<1.00	<1.00	<3.00	<50.0	<50	<0.50 <sup>b</sup>
MW2	08/04/06	173.63	7.65	165.98	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	<0.500 <sup>b</sup>
MW2	11/06/06	173.63	6.98	166.65	<0.50	<0.50	<0.50	<0.50	<50.0	<46.9	<0.500 <sup>b</sup>

TABLE 2 GROUNDWATER MONITORING DATA, FORMER MOBIL STATION 04334, 2492 CASTRO VALLEY BOULEVARD, CASTRO VALLEY, CALIFORNIA

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L)						
					Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE
MW2	02/21/07	173.63	6.36	167.27	<0.50	<0.50	<0.50	<0.50	<50.0	<46.9	1.70 <sup>b</sup>
MW2	05/01/07	173.63	7.51	166.12	<0.50	<0.50	<0.50	<0.50	<50.0	<46.9	<0.50 <sup>b</sup>
MW2	08/01/07	173.63	8.12	165.51	<0.50	<0.50	<0.50	<0.50	<50.0	<47	<0.500 <sup>b</sup>
MW2	10/25/07	173.63	7.79	165.84	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	<0.500 <sup>b</sup>
MW2	01/31/08	173.63	5.89	167.74	<0.50	<0.50	<0.50	<0.50	<50	<50	0.82 <sup>b</sup>
MW2	05/01/08	173.63	7.81	165.82	<1.00	<1.00	<1.00	<3.00	<50.0	<47.2	<0.500 <sup>b</sup>
<b>MW2</b>	<b>07/31/08</b>	<b>173.63</b>	<b>8.30</b>	<b>165.33</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;50</b>	<b>&lt;47</b>	<b>&lt;0.50<sup>b</sup></b>
MW3	a 08/13/04	171.91	5.36	166.55	100	2.0	187	59.6	1,440	352	<0.5 <sup>b</sup>
MW3	11/09/04	171.91	4.80	167.11	188	3.6	242	20.0	1,690	461	<0.5 <sup>b</sup>
MW3	02/16/05	171.91	3.10	168.81	66.2	1.4	61.1	12.6	575	269	<0.5 <sup>b</sup>
MW3	05/16/05	171.91	3.86	168.05	74.2	1.4	61.0	9.0	592	92	<0.5 <sup>b</sup>
MW3	08/17/05	171.91	4.75	167.16	231 <sup>c</sup>	2.35	102	11.4	1,130	416	<0.5 <sup>b</sup>
MW3	11/15/05	171.91	6.56	165.35	57.4	0.95	62.4	10.5	452	193	<0.5 <sup>b</sup>
MW3	02/06/06	171.91	4.00	167.91	69	<5.0	64	10	830	165	<0.5 <sup>b</sup>
MW3	05/03/06	171.91	5.44	166.47	52.1	<1.00	37.0	4.81	605	140	<0.50 <sup>b</sup>
MW3	08/04/06	171.91	5.25	166.66	15.2	<0.50	5.34	1.25	262	108	<0.500 <sup>b</sup>
MW3	11/06/06	171.91	4.11	167.80	60.0	1.04	47.3	3.09	561	106	<0.500 <sup>b</sup>
MW3	02/21/07	171.91	4.94	166.97	35.1	<0.50	45.4	1.09	483	125	<0.500 <sup>b</sup>
MW3	05/01/07	171.91	5.86	166.05	32.5	1.63	28.7	1.53	539	120	<0.50 <sup>b</sup>
MW3	08/01/07	171.91	7.54	164.37	1.26	0.60	<0.50	<0.50	89.2	<47	<0.500 <sup>b</sup>
MW3	10/25/07	171.91	6.30	165.61	2.94	<0.50	<0.50	<0.50	50.4	<47.2	<0.500 <sup>b</sup>
MW3	01/31/08	171.91	3.75	168.16	10	<0.50	11	<0.50	120	51 <sup>d</sup>	<0.50 <sup>b</sup>
MW3	05/01/08	171.91	6.60	165.31	2.38	<1.00	<1.00	<3.00	<50.0	<47.2	<0.500 <sup>b</sup>
<b>MW3</b>	<b>07/31/08</b>	<b>171.91</b>	<b>7.77</b>	<b>164.14</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;50</b>	<b>&lt;47</b>	<b>&lt;0.50<sup>b</sup></b>
MW4	a 08/13/04	170.48	6.10	164.38	<0.5	0.8	<0.5	1.1	<50	72	2.80 <sup>b</sup>
MW4	11/09/04	170.48	5.54	164.94	<0.5	2.3	0.7	1.5	<50	<50	2.10 <sup>b</sup>

TABLE 2 GROUNDWATER MONITORING DATA, FORMER MOBIL STATION 04334, 2492 CASTRO VALLEY BOULEVARD, CASTRO VALLEY, CALIFORNIA

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L)						
					Benzene	Toluene	Ethyl- benzene	Total Xylenes	TPH-g	TPH-d	MTBE
MW4	02/16/05	170.48	5.11	165.37	<0.5	1.1	<0.5	1.7	<50	<50	<0.5 <sup>b</sup>
MW4	05/16/05	170.48	5.44	165.04	<0.5	<0.5	<0.5	<0.5	<50	<50	<0.5 <sup>b</sup>
MW4	08/17/05	170.48	5.71	164.77	<0.5	<0.5	<0.5	<0.5	<50	<50	1.03 <sup>b</sup>
MW4	11/15/05	170.48	5.80	164.68	<0.5	<0.5	<0.5	<0.5	<50	<50	0.730 <sup>b</sup>
MW4	02/06/06	170.48	5.10	165.38	<0.5	<0.5	<0.5	<0.5	<50	85.2	<0.5 <sup>b</sup>
MW4	05/03/06	170.48	5.54	164.94	<1.00	<1.00	<1.00	<3.00	<50.0	<47	<0.50 <sup>b</sup>
MW4	08/04/06	170.48	5.75	164.73	<0.50	<0.50	<0.50	<0.50	<50.0	52.7	<0.500 <sup>b</sup>
MW4	11/06/06	170.48	5.95	164.53	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	<0.500 <sup>b</sup>
MW4	02/21/07	170.48	5.56	164.92	<0.50	<0.50	<0.50	<0.50	<50.0	<46.9	<0.500 <sup>b</sup>
MW4	05/01/07	170.48	5.66	164.82	<0.50	<0.50	<0.50	<0.50	<50.0	<46.9	<0.50 <sup>b</sup>
MW4	08/01/07	170.48	6.06	164.42	0.85	<0.50	<0.50	0.97	<50.0	<47	<0.870 <sup>b</sup>
MW4	10/25/07	170.48	5.34	165.14	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	<0.500 <sup>b</sup>
MW4	01/31/08	170.48	5.05	165.43	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50 <sup>b</sup>
MW4	05/01/08	170.48	5.86	164.62	<1.00	<1.00	<1.00	<3.00	<50.0	<47.2	<0.500 <sup>b</sup>
<b>MW4</b>	<b>07/31/08</b>	<b>170.48</b>	<b>6.10</b>	<b>164.38</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;50</b>	<b>&lt;47</b>	<b>&lt;0.50<sup>b</sup></b>

Notes: Depth-to-water-level measurements in feet from top-of-casing.

a, Top-of-casing elevation surveyed by Morrow Surveying on 12 July 2004.

b, Analyzed by EPA Method 8260.

c Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.

d Does not match typical pattern.

MTBE Methyl tertiary butyl ether.

TPH-d Total Petroleum Hydrocarbons as diesel.

TPH-g Total Petroleum Hydrocarbons as gasoline.

µg/L Micrograms per liter.

TABLE 3 GROUNDWATER MONITORING PLAN, FORMER MOBIL STATION 04334,  
2492 CASTRO VALLEY BOULEVARD, CASTRO VALLEY, CALIFORNIA

Well Number	Groundwater Gauging Frequency	Groundwater Sampling and Analysis Frequency	
		BTEX, TPH-g, and TPH-d	MTBE
MW1	Q	Q	Q
MW2	Q	Q	Q
MW3	Q	Q	Q
MW4	Q	Q	Q

Notes:

BTEX Benzene, toluene, ethylbenzene, and xylenes.  
 MTBE Methyl tertiary butyl ether.  
 Q Quarterly.  
 TPH-d Total Petroleum Hydrocarbons as diesel.  
 TPH-g Total Petroleum Hydrocarbons as gasoline.

**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 from the well and, if the well does not recover, the well is considered “functionally 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 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**





Project Name: Exxon 04334 Well No: MW1 Date: 07-31-08  
 Project No: UP04-334.1.6 Personnel: BINDER

**GAUGING DATA**  
 Water Level Measuring Method: WLM / IP 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)
		19.71	8.15	11.56	1	4	6	1.84	5.54
				0.04	0.16	0.64	1.44		

**PURGING DATA**  
 Purge Method: WATERRA / BAILER / SUB Purge Rate: GPM

	1	2	3		
Time	06:54	06:57	06:59		
Volume Purge (gal)	2.00	4.00	6.00		
Temperature (C)	19.1	20.0	19.8		
pH	6.72	6.79	6.75		
Spec. Cond. (umhos)	907	944	917		
Turbidity/Color	slty CLEAR	slty CLEAR	slty CLEAR		
Odor (Y/N)	N	N	N		
Casing Volumes	1	2	3		
Dewatered (Y/N)	N	N	N		

Comments/Observations:

**SAMPLING DATA**  
 Time Sampled: 0705 Approximate Depth to Water During Sampling: 9 (feet)  
 Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW1	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE
MW1	2	AMBERS	None HCL	1L		TPH-D

Total Purge Volume: 6 (gallons) Disposal: SYSTEM

Weather Conditions: OK BOLTS  / N

Condition of Well Box and Casing at Time of Sampling: OK CAP & LOCK  / N

Well Head Conditions Requiring Correction: None? GROUT  / N

Problems Encountered During Purging and Sampling: None? WELL BOX  / N

Comments: SECURED  / N

Project Name: Exxon 04334 Well No: MW2 Date: 07.31.08  
 Project No: UP04-334.1.6 Personnel: BINDER

**GAUGING DATA**

Water Level Measuring Method: WLM / IP 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)
		20.20	08.30	11.90	1 0.04	2 0.16	4 0.64	6 1.44	1.90

**PURGING DATA**

Purge Method: WATERRA / BAILER / SUB Purge Rate: GPM

Time	0721	0723	0726		
Volume Purge (gal)	2.00	4.00	6.00		
Temperature (C)	18.4	19.6	19.4		
pH	7.13	6.76	6.85		
Spec. Cond. (umhos)	789	823	813		
Turbidity/Color	SLIGHTLY CLEAR	SLIGHTLY CLEAR	SLIGHTLY CLEAR		
Odor (Y/N)	N	N	N		
Casing Volumes	1	2	3		
Dewatered (Y/N)	N	N	N		

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 0730 Approximate Depth to Water During Sampling: 9 (feet)  
 Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW2	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE
MW2	2	AMBERS	<del>HCL</del>	1L		TPH-D

Total Purge Volume: 6 (gallons) Disposal: SYSTEM

Weather Conditions: OK BOLTS  / N

Condition of Well Box and Casing at Time of Sampling: OK CAP & LOCK  / N

Well Head Conditions Requiring Correction: N GROUT  / N

Problems Encountered During Purging and Sampling: N WELL BOX.  / N

SECURED  / N

Comments:

Project Name: Exxon 04334 Well No: MW3 Date: 07-31-08  
 Project No: UP04-334.1.6 Personnel: T. BINDER

**GAUGING DATA**

Water Level Measuring Method: WLM / IP

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)			
	19.97	-	7.77	=	12.20	X	1	2	4	6	1.95	=
					0.04	0.16	0.64	1.44				

**PURGING DATA**

Purge Method: WATERRA / BAILER / SUB

Purge Rate: GPM

Time	07:51	07:53	07:55			
Volume Purge (gal)	2.00	4.00	6.00			
Temperature (C)	19.7	20.2	19.9			
pH	6.60	6.64	6.71			
Spec Cond. (umhos)	904	920	925			
Turbidity/Color	SILTY BROWN	SILTY BROWN	SILTY BROWN			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 0800

Approximate Depth to Water During Sampling: 8 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW3	6	Voa	HCL	40 ml	/	TPH-g, BTEX, MTBE
MW3	2	AMBERS	<del>HCL</del>	1L	/	TPH-D
					/	

Total Purge Volume: 6 (gallons)

Disposal: SYSTEM

Weather Conditions: OK

BOLTS  / N

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

CAP & LOCK  / N

Well Head Conditions Requiring Correction: N

GROUT  / N

Problems Encountered During Purging and Sampling: N

WELL BOX  / N

Comments:

SECURED  / N

Project Name: Exxon 04334 Well No: MW4 Date: 07.31.08  
 Project No: UP04-334.1.6 Personnel: BENDER

**GAUGING DATA**

Water Level Measuring Method: WLM / IP

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)
	14.00	= 6.10	= 8.10	X 1	2	4	6	1.29	= 3.88
			0.04	0.16	0.64	1.44			

**PURGING DATA**

Purge Method: WATERRA / BAILER / SUB

Purge Rate: GPM

Time	0915	0917	0920			
Volume Purge (gal)	1.50	3.00	4.50			
Temperature (C)	18.8	19.4	18.9			
pH	7.15	6.85	6.90			
Spec. Cond. (umhos)	961	969	960			
Turbidity/Color	5107 / BROWN	5107 / BROWN	5107 / BROWN			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 0925

Approximate Depth to Water During Sampling: 7 (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
MW4	2	AMBERS	HCL	1L	/	TPH-D

Total Purge Volume: 4.5 (gallons)

Disposal: SYSTEM

Weather Conditions: ok

BOLTS  / N

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

CAP & LOCK  / N

Well Head Conditions Requiring Correction: N

GROUT  / N

Problems Encountered During Purging and Sampling: N

WELL BOX  / N

SECURED  / N

Comments:

## **Appendix C**

### **Laboratory Analytical Reports and Chain-of-Custody Documentation**

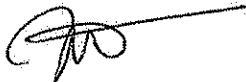
12 August, 2008

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

RE: Exxon 04-334  
Work Order: MRH0028

Enclosed are the results of analyses for samples received by the laboratory on 07/31/08 19:40. The samples arrived at a temperature of 6° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Megan Tran  
VOA

CA ELAP Certificate #1210

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

Project: Exxon 04-334  
Project Number: 04-334  
Project Manager: Erik Appel

MRH0028  
Reported:  
08/12/08 16:06

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1	MRH0028-01	Water	07/31/08 07:05	07/31/08 19:40
MW2	MRH0028-02	Water	07/31/08 07:30	07/31/08 19:40
MW3	MRH0028-03	Water	07/31/08 08:00	07/31/08 19:40
MW4	MRH0028-04	Water	07/31/08 09:25	07/31/08 19:40



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

Project: Exxon 04-334  
Project Number: 04-334  
Project Manager: Erik Appel

MRH0028  
Reported:  
08/12/08 16:06

## Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

### TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>MW1 (MRH0028-01) Water Sampled: 07/31/08 07:05 Received: 07/31/08 19:40</b>									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8H06001	08/06/08	08/06/08	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		111 %		85-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97 %		75-125	"	"	"	"	
<b>MW2 (MRH0028-02) Water Sampled: 07/31/08 07:30 Received: 07/31/08 19:40</b>									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8H06001	08/06/08	08/06/08	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		111 %		85-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %		75-125	"	"	"	"	
<b>MW3 (MRH0028-03) Water Sampled: 07/31/08 08:00 Received: 07/31/08 19:40</b>									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8H06001	08/06/08	08/06/08	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		108 %		85-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %		75-125	"	"	"	"	

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

Project: Exxon 04-334  
Project Number: 04-334  
Project Manager: Erik Appel

MRH0028  
Reported:  
08/12/08 16:06

## Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

### TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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MW4 (MRH0028-04) Water Sampled: 07/31/08 09:25 Received: 07/31/08 19:40

Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8H06001	08/06/08	08/06/08	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		112 %		85-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95 %		75-125	"	"	"	"	

ETIC Engineering Inc - Pleasant Hill (Exxon) 2285 Morello Avenue Pleasant Hill CA, 94523	Project: Exxon 04-334 Project Number: 04-334 Project Manager: Erik Appel	MRH0028 Reported: 08/12/08 16:06
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**Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B  
TestAmerica Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>MW1 (MRH0028-01) Water Sampled: 07/31/08 07:05 Received: 07/31/08 19:40</b>									
Diesel Range Organics (C10-C28)	ND	47	ug/l	1	8H06003	08/06/08	08/06/08	EPA 8015B-SVOA	
<i>Surrogate: n-Octacosane</i>		69 %	35-120		"	"	"	"	
<b>MW2 (MRH0028-02) Water Sampled: 07/31/08 07:30 Received: 07/31/08 19:40</b>									
Diesel Range Organics (C10-C28)	ND	47	ug/l	1	8H06003	08/06/08	08/06/08	EPA 8015B-SVOA	
<i>Surrogate: n-Octacosane</i>		70 %	35-120		"	"	"	"	
<b>MW3 (MRH0028-03) Water Sampled: 07/31/08 08:00 Received: 07/31/08 19:40</b>									
Diesel Range Organics (C10-C28)	ND	47	ug/l	1	8H06003	08/06/08	08/06/08	EPA 8015B-SVOA	
<i>Surrogate: n-Octacosane</i>		75 %	35-120		"	"	"	"	
<b>MW4 (MRH0028-04) Water Sampled: 07/31/08 09:25 Received: 07/31/08 19:40</b>									
Diesel Range Organics (C10-C28)	ND	47	ug/l	1	8H06003	08/06/08	08/06/08	EPA 8015B-SVOA	
<i>Surrogate: n-Octacosane</i>		72 %	35-120		"	"	"	"	

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

Project: Exxon 04-334  
Project Number: 04-334  
Project Manager: Erik Appel

MRH0028  
Reported:  
08/12/08 16:06

## Volatile Organic Compounds by EPA Method 8260B TestAmerica Morgan Hill

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>MW1 (MRH0028-01) Water Sampled: 07/31/08 07:05 Received: 07/31/08 19:40</b>									
Methyl tert-butyl ether	1.7	0.50	ug/l	1	8H07003	08/07/08	08/07/08	EPA 8260B	
Surrogate: Dibromofluoromethane		105 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		98 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95 %	70-120		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		113 %	75-130		"	"	"	"	
<b>MW2 (MRH0028-02) Water Sampled: 07/31/08 07:30 Received: 07/31/08 19:40</b>									
Methyl tert-butyl ether	ND	0.50	ug/l	1	8H07003	08/07/08	08/07/08	EPA 8260B	
Surrogate: Dibromofluoromethane		107 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		99 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96 %	70-120		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		116 %	75-130		"	"	"	"	
<b>MW3 (MRH0028-03) Water Sampled: 07/31/08 08:00 Received: 07/31/08 19:40</b>									
Methyl tert-butyl ether	ND	0.50	ug/l	1	8H07003	08/07/08	08/07/08	EPA 8260B	
Surrogate: Dibromofluoromethane		107 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		100 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95 %	70-120		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		114 %	75-130		"	"	"	"	
<b>MW4 (MRH0028-04) Water Sampled: 07/31/08 09:25 Received: 07/31/08 19:40</b>									
Methyl tert-butyl ether	ND	0.50	ug/l	1	8H07003	08/07/08	08/07/08	EPA 8260B	
Surrogate: Dibromofluoromethane		108 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		99 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96 %	70-120		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		116 %	75-130		"	"	"	"	

ETIC Engineering Inc - Pleasant Hill (Exxon) 2285 Morello Avenue Pleasant Hill CA, 94523	Project: Exxon 04-334 Project Number: 04-334 Project Manager: Erik Appel	MRH0028 Reported: 08/12/08 16:06
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**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control**  
**TestAmerica Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 8H06001 - EPA 5030B [P/T]**

<b>Blank (8H06001-BLK1)</b>										
Prepared & Analyzed: 08/06/08										
Gasoline Range Organics (C4-C12)	ND	25	ug/l							
Benzene	ND	0.28	"							
Toluene	ND	0.25	"							
Ethylbenzene	ND	0.25	"							
Xylenes (total)	ND	0.37	"							
Surrogate: <i>a,a,a</i> -Trifluorotoluene	44.2		"	40.0		110	85-120			
Surrogate: 4-Bromofluorobenzene	40.4		"	40.0		101	75-125			

<b>LCS (8H06001-BS1)</b>										
Prepared & Analyzed: 08/06/08										
Benzene	10.4	0.50	ug/l	10.0		104	70-130			
Toluene	10.3	0.50	"	10.0		103	70-130			
Ethylbenzene	10.0	0.50	"	10.0		100	70-130			
Xylenes (total)	30.9	0.50	"	30.0		103	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	44.4		"	40.0		111	85-120			

<b>LCS (8H06001-BS2)</b>										
Prepared & Analyzed: 08/06/08										
Gasoline Range Organics (C4-C12)	209	50	ug/l	250		83	70-130			
Surrogate: 4-Bromofluorobenzene	41.0		"	40.0		102	75-125			

<b>LCS Dup (8H06001-BS2)</b>										
Prepared & Analyzed: 08/06/08										
Gasoline Range Organics (C4-C12)	215	50	ug/l	250		86	70-130	3	25	
Surrogate: 4-Bromofluorobenzene	41.2		"	40.0		103	75-125			

<b>Matrix Spike (8H06001-MS1)</b>										
Source: MRH0063-02 Prepared & Analyzed: 08/06/08										
Gasoline Range Organics (C4-C12)	120	50	ug/l	91.0	31.3	97	70-130			
Benzene	10.4	0.50	"	10.0	ND	104	70-130			
Toluene	10.4	0.50	"	10.0	ND	104	70-130			
Ethylbenzene	10.4	0.50	"	10.0	ND	104	70-130			
Xylenes (total)	30.9	0.50	"	30.0	ND	103	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	45.5		"	40.0		114	85-120			
Surrogate: 4-Bromofluorobenzene	39.0		"	40.0		97	75-125			

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

Project: Exxon 04-334  
Project Number: 04-334  
Project Manager: Erik Appel

MRH0028  
Reported:  
08/12/08 16:06

## Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

### TestAmerica Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 8H06001 - EPA 5030B [P/T]

#### Matrix Spike Dup (8H06001-MSD1)

Source: MRH0063-02

Prepared & Analyzed: 08/06/08

Gasoline Range Organics (C4-C12)	119	50	ug/l	91.0	31.3	97	70-130	0.5	25	
Benzene	10.6	0.50	"	10.0	ND	106	70-130	1	25	
Toluene	10.4	0.50	"	10.0	ND	104	70-130	0.06	25	
Ethylbenzene	10.5	0.50	"	10.0	ND	105	70-130	0.4	25	
Xylenes (total)	31.1	0.50	"	30.0	ND	104	70-130	0.6	25	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	45.9		"	40.0		115	85-120			
Surrogate: 4-Bromofluorobenzene	39.7		"	40.0		99	75-125			

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

Project: Exxon 04-334  
Project Number: 04-334  
Project Manager: Erik Appel

MRH0028  
Reported:  
08/12/08 16:06

## Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B - Quality Control TestAmerica Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch 8H06003 - EPA 3510C

#### Blank (8H06003-BLK1)

Prepared & Analyzed: 08/06/08

Diesel Range Organics (C10-C28)	ND	25	ug/l							
<i>Surrogate: n-Octacosane</i>	30.0		"	50.0		60	35-120			

#### LCS (8H06003-BS1)

Prepared & Analyzed: 08/06/08

Diesel Range Organics (C10-C28)	309	50	ug/l	500		62	45-120			
<i>Surrogate: n-Octacosane</i>	24.6		"	50.0		49	35-120			

#### LCS Dup (8H06003-BSD1)

Prepared & Analyzed: 08/06/08

Diesel Range Organics (C10-C28)	308	50	ug/l	500		62	45-120	0.2	25	
<i>Surrogate: n-Octacosane</i>	23.1		"	50.0		46	35-120			

ETIC Engineering Inc - Pleasant Hill (Exxon) 2285 Morello Avenue Pleasant Hill CA, 94523	Project: Exxon 04-334 Project Number: 04-334 Project Manager: Erik Appel	MRH0028 Reported: 08/12/08 16:06
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## Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 8H07003 - EPA 5030B P/T</b>									
<b>Blank (8H07003-BLK1)</b>					Prepared & Analyzed: 08/07/08				
Methyl tert-butyl ether	ND	0.25	ug/l						
Surrogate: Dibromofluoromethane	7.36		"	7.50		98 80-120			
Surrogate: Toluene-d8	7.36		"	7.50		98 80-120			
Surrogate: 4-Bromofluorobenzene	6.84		"	7.50		91 70-120			
Surrogate: 1,2-Dichloroethane-d4	7.53		"	7.50		100 75-130			
<b>LCS (8H07003-BS1)</b>					Prepared & Analyzed: 08/07/08				
Methyl tert-butyl ether	11.5	0.50	ug/l	10.0		115 70-130			
Surrogate: Dibromofluoromethane	7.82		"	7.50		104 80-120			
Surrogate: Toluene-d8	7.66		"	7.50		102 80-120			
Surrogate: 4-Bromofluorobenzene	7.76		"	7.50		103 70-120			
Surrogate: 1,2-Dichloroethane-d4	8.06		"	7.50		107 75-130			
<b>Matrix Spike (8H07003-MS1)</b>					Source: MRG1018-06 Prepared & Analyzed: 08/07/08				
Methyl tert-butyl ether	11.2	0.50	ug/l	10.0	ND	112 70-130			
Surrogate: Dibromofluoromethane	7.92		"	7.50		106 80-120			
Surrogate: Toluene-d8	7.69		"	7.50		103 80-120			
Surrogate: 4-Bromofluorobenzene	7.88		"	7.50		105 70-120			
Surrogate: 1,2-Dichloroethane-d4	7.74		"	7.50		103 75-130			
<b>Matrix Spike Dup (8H07003-MSD1)</b>					Source: MRG1018-06 Prepared & Analyzed: 08/07/08				
Methyl tert-butyl ether	11.4	0.50	ug/l	10.0	ND	114 70-130	1	25	
Surrogate: Dibromofluoromethane	7.94		"	7.50		106 80-120			
Surrogate: Toluene-d8	7.62		"	7.50		102 80-120			
Surrogate: 4-Bromofluorobenzene	7.81		"	7.50		104 70-120			
Surrogate: 1,2-Dichloroethane-d4	7.77		"	7.50		104 75-130			



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

Project: Exxon 04-334  
Project Number: 04-334  
Project Manager: Erik Appel

MRH0028  
Reported:  
08/12/08 16:06

## Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference



### TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: ETIC ENGINEERING  
 REC. BY (PRINT) LM  
 WORKORDER: MRG0028

DATE REC'D AT LAB: 7/3/08  
 TIME REC'D AT LAB: 1940  
 DATE LOGGED IN: 8/4/08

For Regulatory Purposes?  
 DRINKING WATER  
 WASTE WATER  
 OTHER

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH**	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / <del>Absent</del> Intact / Broken*								<div style="transform: rotate(-45deg); font-size: 2em; font-weight: bold;">                     THIS ADDRESS A TUG * VOA * BY PER ID. THIS DATE 7/3/08                      COC                 </div>
2. Chain-of-Custody <del>Present</del> / Absent*								
3. Traffic Reports or Packing List: Present / <del>Absent</del>								
4. Airbill: Airbill / Sticker Present / <del>Absent</del>								
5. Airbill #:								
6. Sample Labels: <del>Present</del> / Absent								
7. Sample IDs: <del>Listed</del> / Not Listed on Chain-of-Custody								
8. Sample Condition: <del>Intact</del> / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? <del>Yes</del> / No*								
10. Sample received within hold time: <del>Yes</del> / No*								
11. Adequate sample volume received <del>Yes</del> / No*								
12. Proper preservatives used <del>Yes</del> / No*								
13. Trip Blank / Temp Blank Received? (circle which if yes) Yes / <del>No</del>								
14 Read Temp: <u>20°C</u> Correction Factor: <u>-1.0</u> Corrected Temp: <u>19°C</u> Is corrected temp 0-6°C? <del>Yes</del> / <del>No</del> LM								
**Exception (if any): Metals / Perchlorate / W/in 24hrs of sampling-on ice / Problem COC								

\*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION  
 \*\*CHECK SAMPLE PREP LOG IF NOT INDICATED