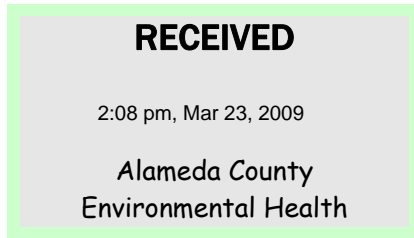


**ExxonMobil**  
**Environmental Services Company**  
4096 Piedmont Avenue #194  
Oakland, CA 94611  
510.547.8196  
510.547.8706 FAX  
jennifer.c.sedlachek@exxonmobil.com

**Jennifer C. Sedlachek**  
Project Manager



**ExxonMobil**

March 16, 2009

Mr. Jerry T. Wickham  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway  
Alameda, California 94502-6577

Subject: Former Exxon RAS #73567, 3192 Santa Rita Road, Pleasanton, California,  
ACHCSA File No. RO-0002426

Dear Mr. Wickham:

Attached for your review and comment is a copy of the *Report of Groundwater Monitoring, First Quarter 2009* for the above-referenced site. The report, prepared by ETIC Engineering, Inc. of Pleasant Hill, California, details the results of the February 2009 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

- c: w/ attachment:  
Ms. Colleen Morf - Zone 7 Water Agency  
Ms. Mary Ann Martinez - Valero Energy Corporation (pdf copy via e-mail to <maryann.martinez@valero.com>)
- c: w/o attachment:  
Mr. Bryan Campbell - ETIC Engineering, Inc.



**Report of Groundwater Monitoring  
First Quarter 2009**

**Former Exxon Retail Site 73567  
3192 Santa Rita Road  
Pleasanton, California  
ACHCSA File No. RO-0002426**

Prepared for

ExxonMobil Oil Corporation

Prepared by

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

A handwritten signature in cursive script that reads "K. Erik Appel".

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



A handwritten date in cursive script that reads "March 16, 2009".

Date

## SITE CONTACTS

Site Name: Former Exxon Retail Site 73567

Site Address: 3192 Santa Rita Road  
Pleasanton, 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: Jerry T. Wickham  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577  
(510) 567-6700

Eddy So  
California Regional Water Quality Control Board  
San Francisco Bay Region  
1515 Clay Street, Suite 1400  
Oakland, California 94612  
(510) 622-2342

Colleen Morf  
Zone 7 Water Agency  
100 North Canyons Parkway  
Livermore, California 94551  
(925) 454-5000

## INTRODUCTION

ETIC Engineering, Inc. (ETIC) has prepared this quarterly groundwater monitoring report for ExxonMobil Environmental Services Company on behalf of ExxonMobil Oil Corporation for former Exxon Retail Site 73567. 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 13 November 2008, the date of the previous monitoring event, until 11 February 2009, the date of the most recent monitoring event. Groundwater monitoring results, well construction details, and a groundwater monitoring plan 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 73567
<b>Site address:</b>	3192 Santa Rita Road, Pleasanton, California
<b>Current property owner:</b>	MHCB USA Leasing & Finance Corporation
<b>Current site use:</b>	Active Valero-branded station and auto repair facility operated by Steve Roesbery Incorporated; fuel system owned and maintained by Valero Energy Corporation
<b>Current phase of project:</b>	Groundwater monitoring
<b>Tanks at site:</b>	Five underground storage tanks (five grades of gasoline)
<b>Number of wells:</b>	14 (all onsite)

## GROUNDWATER MONITORING SUMMARY

<b>Gauging and sampling date:</b>	11 February 2009
<b>Wells gauged and sampled:</b>	MW1-MW14
<b>Wells gauged only:</b>	None
<b>Groundwater flow direction (upper water-bearing zone):</b>	East-southeast
<b>Groundwater gradient (upper water-bearing zone):</b>	0.078
<b>Groundwater flow direction (lower water-bearing zone):</b>	Northwest
<b>Groundwater gradient (lowe water-bearing zone):</b>	0.0057
<b>Well screens submerged:</b>	MW7-MW12
<b>Well screens not submerged:</b>	MW1-MW6, MW13, and MW14
<b>Liquid-phase hydrocarbons:</b>	Not observed or detected
<b>Laboratory:</b>	Calscience Environmental Laboratories, Inc., Garden Grove, California

**Analyses performed:**

- Total Petroleum Hydrocarbons as gasoline by EPA Method 8015B
- Total Petroleum Hydrocarbons as diesel by EPA Method 8015B (M)
- Benzene, toluene, ethylbenzene, and xylenes by EPA Method 8021B
- Methyl tertiary butyl ether, ethyl tertiary butyl ether, tertiary amyl methyl ether, tertiary butyl alcohol, 1,2-dibromoethane, 1,2-dichloroethane, and diisopropyl ether by EPA Method 8260B

**Additional comments:**

None.

**ADDITIONAL ACTIVITIES PERFORMED**

Six new groundwater monitoring wells were installed between 8 and 15 December 2008. A report of these well installations was submitted in January 2009. The hydrographs on Figures 5 and 6 will be updated with the new wells next quarter.

**CONCLUSIONS AND RECOMMENDATIONS**

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

**Attachments:**

- Figure 1: Site Map Showing Groundwater Elevation Contours for Upper Water-Bearing Zone
- Figure 2: Site Map Showing Groundwater Elevation Contours for Lower Water-Bearing Zone
- Figure 3: Site Map Showing Groundwater Analytical Data for Upper Water-Bearing Zone
- Figure 4: Site Map Showing Groundwater Analytical Data for Lower Water-Bearing Zone
- Figure 5: Groundwater Elevations vs. Time, Upper Water-Bearing Zone (Wells MW1, MW2, MW5, and MW7)
- Figure 6: Groundwater Elevations vs. Time, Lower Water-Bearing Zone (Wells MW3, MW4, MW6, and MW8)
  
- Table 1: Well Construction Details
- Table 2: Groundwater Monitoring Data
- Table 3: Groundwater Analytical Results for Oxygenates and Additives
- Table 4: Groundwater Monitoring Plan
  
- Appendix A: Field Protocols
- Appendix B: Field Documents
- Appendix C: Laboratory Analytical Reports and Chain-of-Custody Documentation

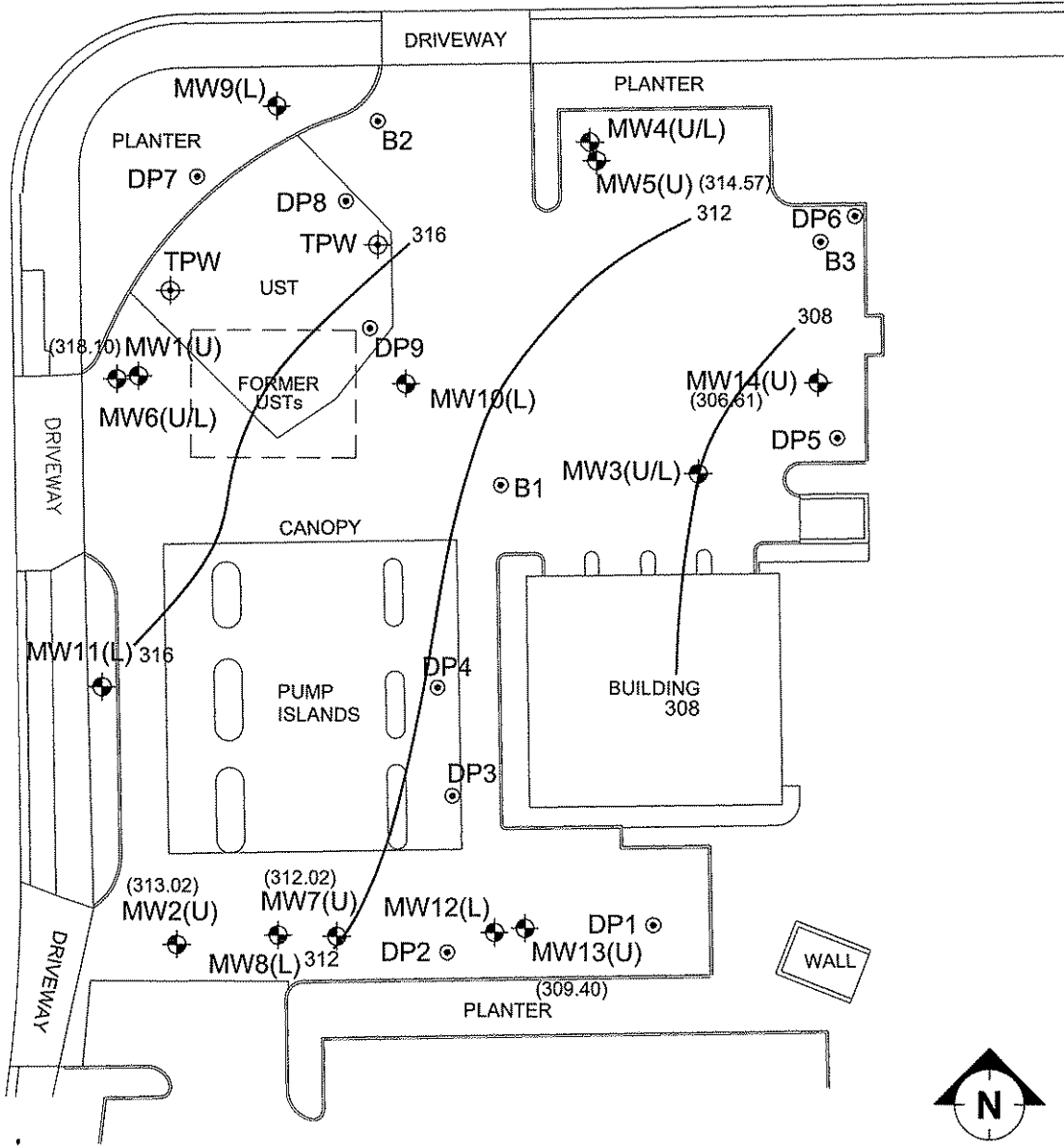
## **Figures**

LEGEND	
	Groundwater monitoring well
	Tank pit well
	Soil boring
(318.10)	Groundwater elevation (feet)
	Groundwater elevation contour

Groundwater  
 Flow Direction  
 Gradient = 0.078

LAS POSITAS BOULEVARD

SANTA RITA ROAD



FILENAME: 1q2009.DWG 03/05/09



SITE MAP SHOWING GROUNDWATER ELEVATION CONTOURS FOR UPPER WATER-BEARING ZONE  
 FORMER EXXON RS 73567  
 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA  
 11 FEBRUARY 2009

FIGURE:

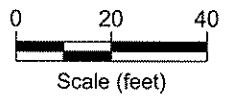
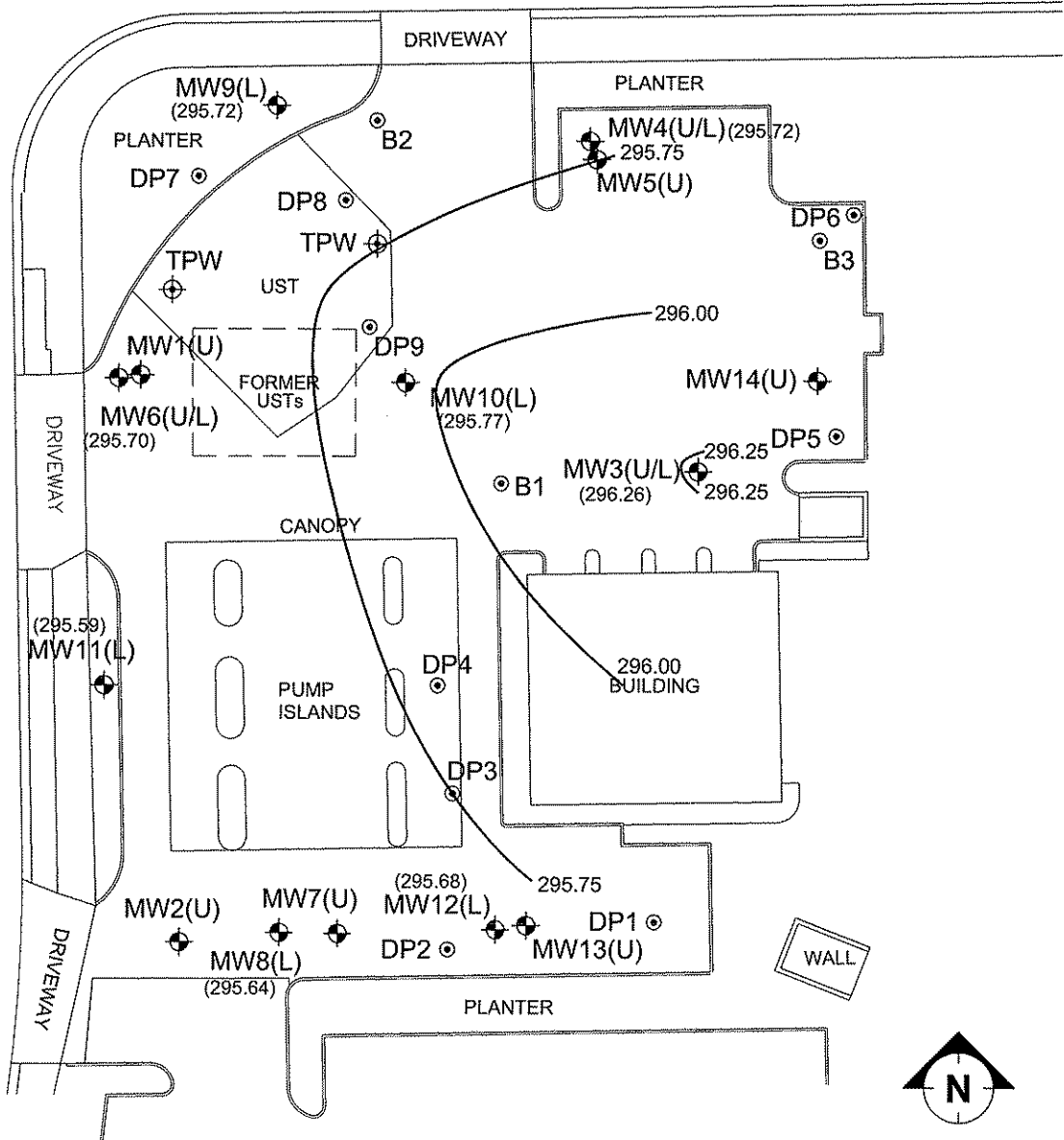
1

LEGEND	
	Groundwater monitoring well
	Tank pit well
	Soil boring
(296.26)	Groundwater elevation (feet)
	Groundwater elevation contour (feet)

Groundwater Flow Direction  
 Gradient = 0.0057

LAS POSITAS BOULEVARD

SANTA RITA ROAD



FILENAME: 1q2009.DWG 03/05/09



SITE MAP SHOWING GROUNDWATER ELEVATION CONTOURS FOR LOWER WATER-BEARING ZONE  
 FORMER EXXON RS 73567  
 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA  
 11 FEBRUARY 2009

FIGURE:

**2**



**LEGEND**

- ⊕ Groundwater monitoring well
- ⊕ Tank pit well
- ⊙ Direct-push soil boring
- TPH-g Total Petroleum Hydrocarbons as gasoline
- TPH-d Total Petroleum Hydrocarbons as diesel
- MTBE Methyl tertiary butyl ether
- TBA Tertiary butyl ether

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

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<1.0
TPH-g	<50
TPH-d	62
MTBE	3.1
TBA	<10

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<1.0
TPH-g	<50
TPH-d	<50
MTBE	2.6
TBA	38

Benzene	0.16
Toluene	0.29
Ethylbenzene	<0.50
Xylenes	0.28
TPH-g	<50
TPH-d	<50
MTBE	34
TBA	6.6

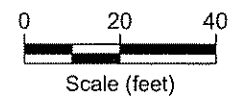
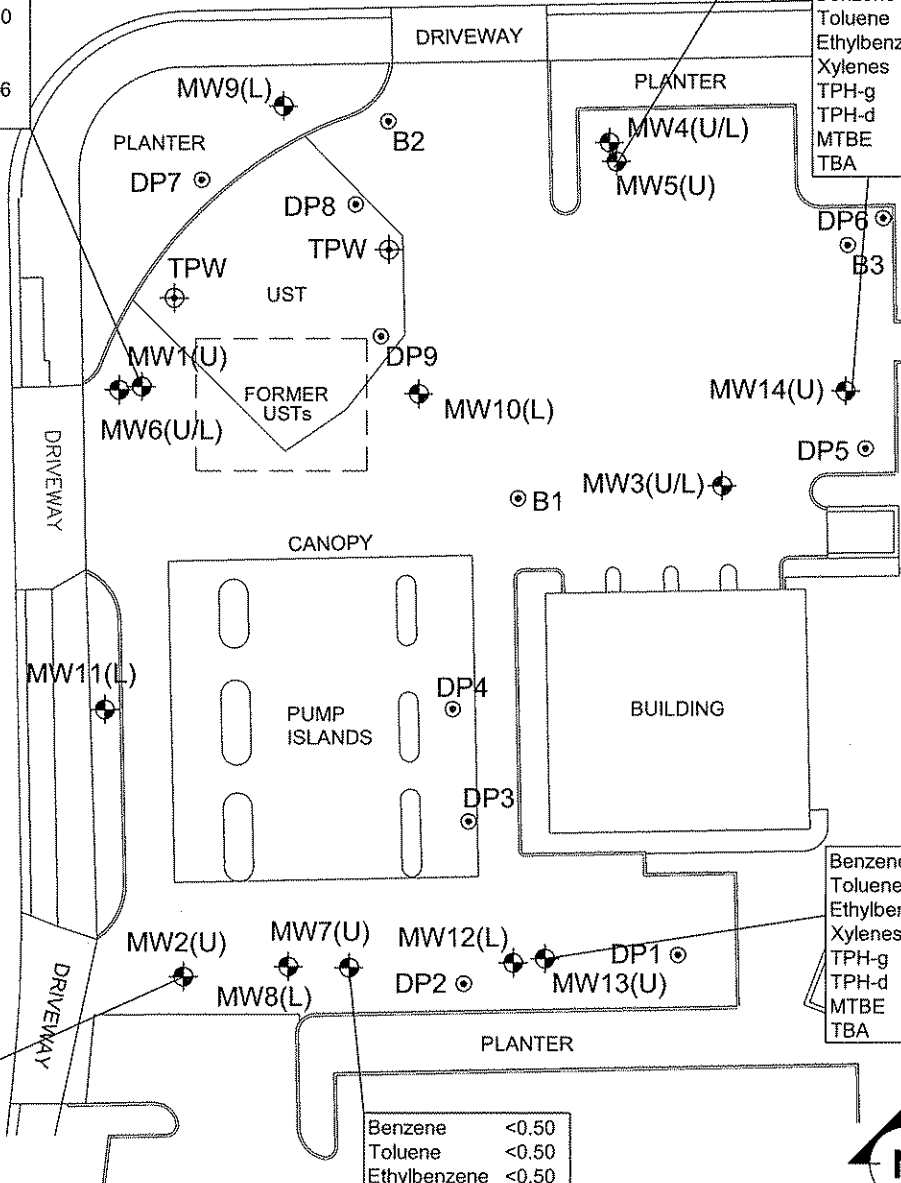
Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<1.0
TPH-g	<50
TPH-d	<50
MTBE	1.0
TBA	2.2

Benzene	0.19
Toluene	0.38
Ethylbenzene	<0.50
Xylenes	0.42
TPH-g	<50
TPH-d	<50
MTBE	6.3
TBA	2.2

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	0.33
TPH-g	<50
TPH-d	<50
MTBE	3.3
TBA	<10

LAS POSITAS BOULEVARD

SANTA RITA ROAD



FILENAME: 1q2009.DWG 03/05/09



SITE MAP SHOWING ANALYTICAL DATA FOR UPPER WATER-BEARING ZONE  
 FORMER EXXON RS 73567  
 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA  
 11 FEBRUARY 2009

FIGURE:  
**3**

**LEGEND**

- Groundwater monitoring well
- Tank pit well
- Direct-push soil boring
- TPH-g Total Petroleum Hydrocarbons as gasoline
- TPH-d Total Petroleum Hydrocarbons as diesel
- MTBE Methyl tertiary butyl ether
- TBA Tertiary butyl ether

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<1.0
TPH-g	<50
TPH-d	<50
MTBE	<0.50
TBA	<10

Benzene	0.14
Toluene	0.20
Ethylbenzene	0.19
Xylenes	0.50
TPH-g	<50
TPH-d	<50
MTBE	0.076
TBA	<10

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<1.0
TPH-g	<50
TPH-d	<50
MTBE	6.2
TBA	2.2

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

LAS POSITAS BOULEVARD

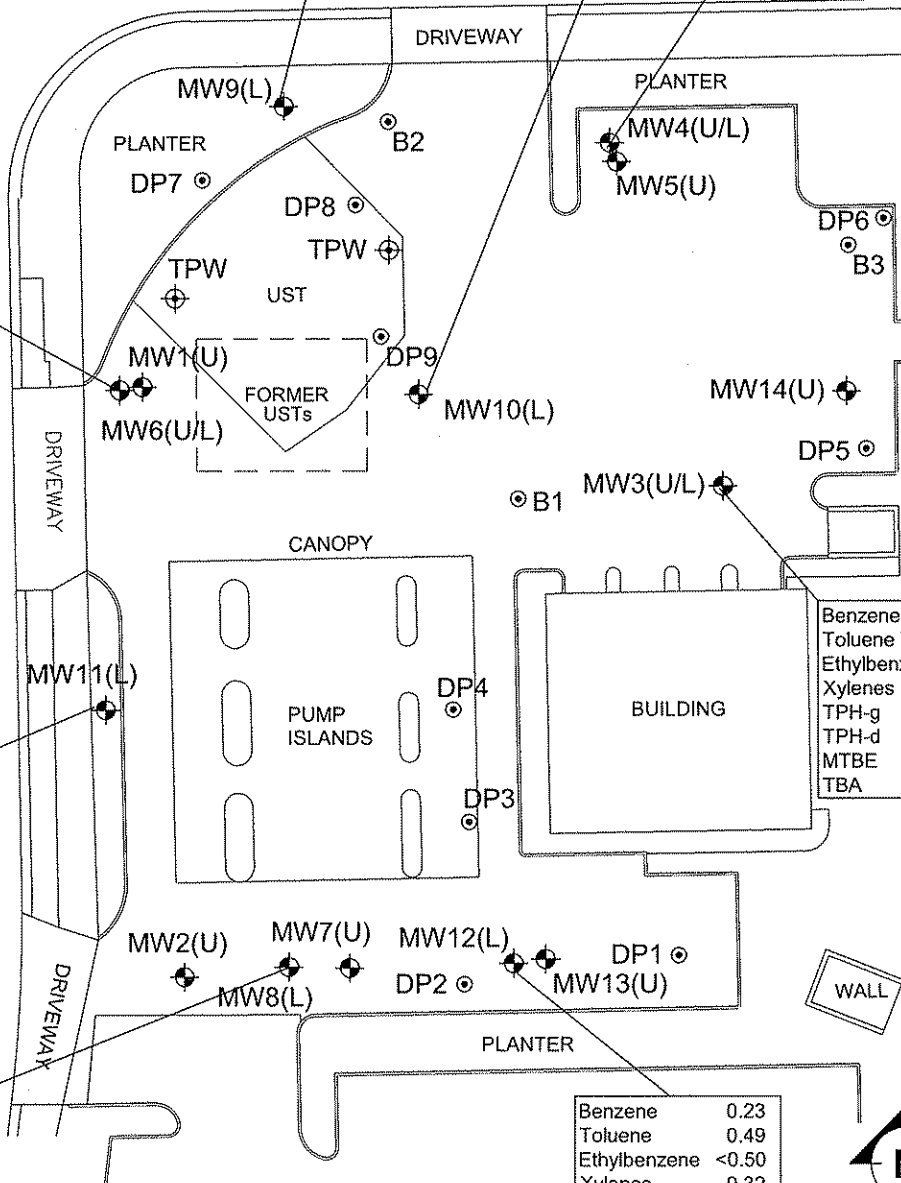
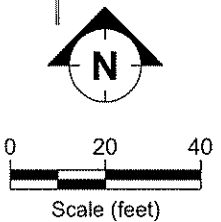
Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<1.0
TPH-g	<50
TPH-d	<50
MTBE	0.31
TBA	<10

SANTA RITA ROAD

Benzene	0.20
Toluene	0.27
Ethylbenzene	0.34
Xylenes	1.3
TPH-g	<50
TPH-d	<50
MTBE	0.070
TBA	<10

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<1.0
TPH-g	<50
TPH-d	<50
MTBE	<0.50
TBA	<10

Benzene	0.23
Toluene	0.49
Ethylbenzene	<0.50
Xylenes	0.32
TPH-g	<50
TPH-d	<50
MTBE	0.13
TBA	<10



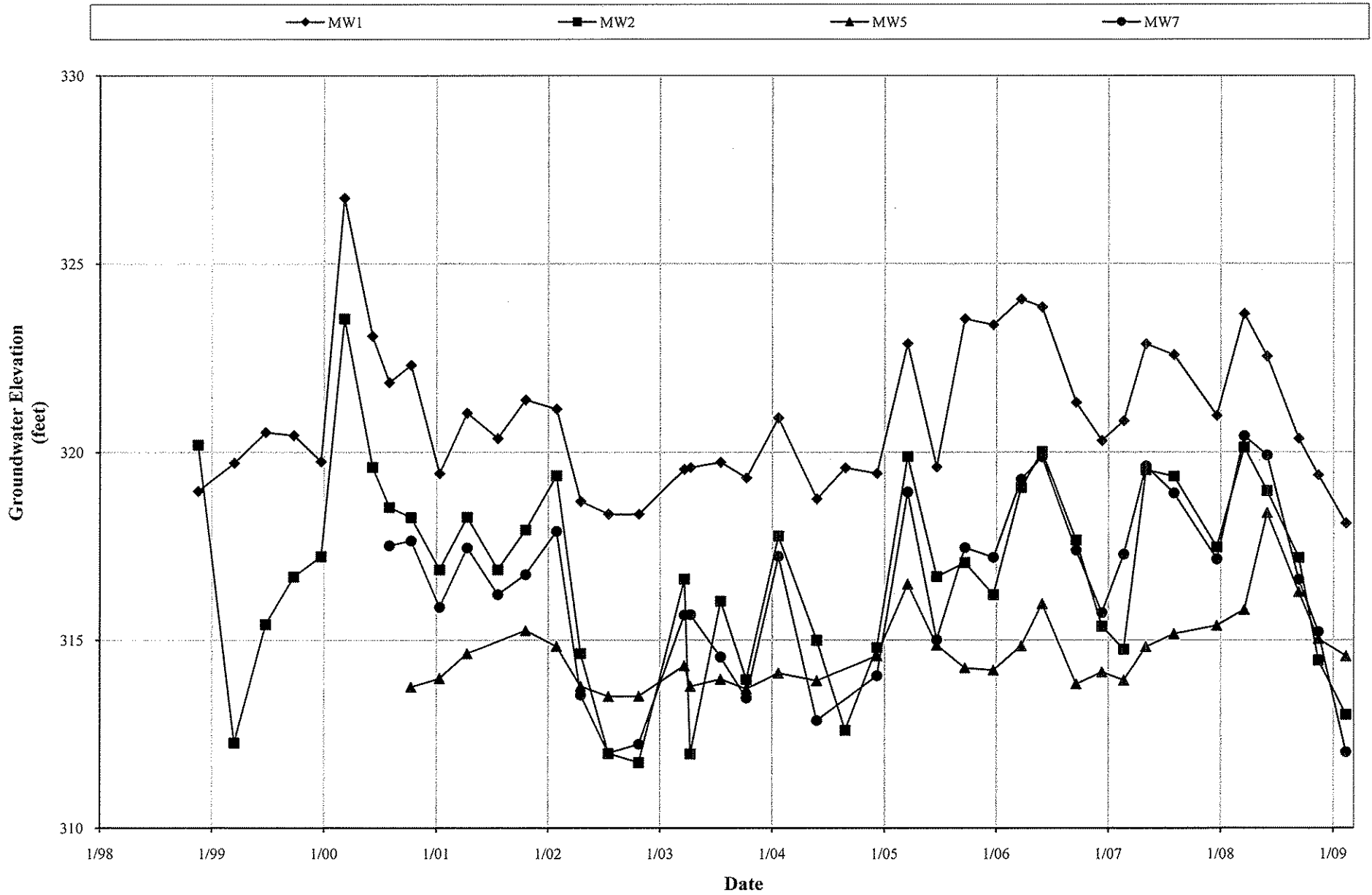
FILENAME: 1q2009.DWG 03/05/09



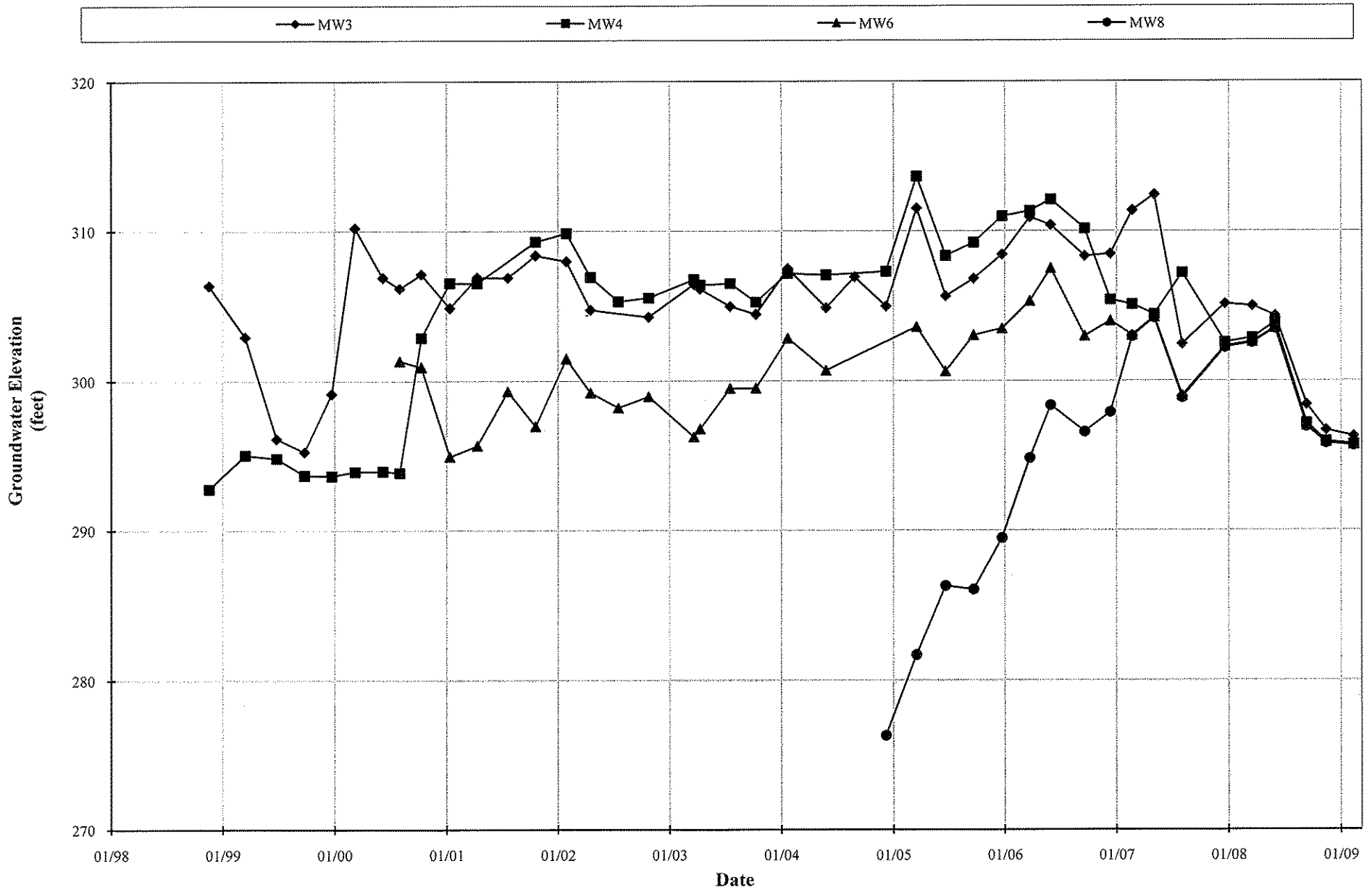
SITE MAP SHOWING ANALYTICAL DATA FOR LOWER WATER-BEARING ZONE  
 FORMER EXXON RS 73567  
 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA  
 11 FEBRUARY 2009

FIGURE: **4**

Figure 5 - Groundwater Elevations vs. Time  
Upper Water-Bearing Zone (Wells MW1, MW2, MW5, and MW7)  
Former Exxon RS 73567  
3192 Santa Rita Road, Pleasanton, California



**Figure 6 - Groundwater Elevations vs. Time**  
**Lower Water-Bearing Zone (Wells MW3, MW4, MW6, and MW8)**  
**Former Exxon RS 73567**  
**3192 Santa Rita Road, Pleasanton, California**



## **Tables**

TABLE 1 WELL CONSTRUCTION DETAILS, FORMER EXXON RS 73567, 3192 SANTA RITA 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	Screened Unit
MW1	11/12/98	340.86	NS	36.5	35	8	2	20-35	0.200	19-36.5	#3 Sand	U
MW2	11/12/98	340.62	NS	41.5	35	8	2	20-35	0.020	19-35	#3 Sand	U
MW3	11/11/98	342.97	NS	51.5	50	8	2	35-50	0.020	34-51.5	#3 Sand	U/L
MW4	11/11/98	342.97	NS	51.5	50	8	2	35-50	0.020	34-51.5	#3 Sand	U/L
MW5	07/18/00	342.87	NS	31	30	8	2	20-30	0.020	19-31	#3 Sand	U
MW6	07/19/00	341.02	NS	54	53	8	2	43-53	0.020	42-54	#3 Sand	U/L
MW7	07/18/00	341.69	NS	50	49	8	2	39-49	0.020	38-50	#3 Sand	U
MW8	03/16/01	341.40	NS	70	70	8	2	55-70	0.020	55-70	#3 Sand	L
MW9	12/09/08	342.01	PVC	69	69	8	2	54-69	0.010	52-69	#2/12 Sand	L
MW10	12/09/08	342.24	PVC	67	67	8	2	52-67	0.010	50-67	#2/12 Sand	L
MW11	12/15/08	341.38	PVC	64	64	8	2	49-64	0.010	47-64	#2/12 Sand	L
MW12	12/11/08	342.51	PVC	67	67	8	2	52-67	0.010	50-67	#2/12 Sand	L
MW13	12/15/08	342.74	PVC	43	43	8	2	28-43	0.010	26-43	#2/12 Sand	U
MW14	12/12/08	343.35	PVC	38	38	8	2	23-38	0.010	21-38	#2/12 Sand	U

Notes: Wells MW1 through MW8 surveyed on 19 September 2008. Wells MW9 through MW13 surveyed on 6 January 2009. Elevation based on City of Pleasanton Benchmark: 342.14 feet.

NS Not specified.  
 TOC Top of casing.  
 U Upper Clay unit.  
 L Lower Sand and Gravel unit.  
 PVC Polyvinyl chloride.

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L)							
					Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE	
MW1	11/17/98	340.86	21.90	318.96	<0.5	<0.5	<0.5	<0.5	<50	<50	--	
MW1	03/15/99	340.86	21.15	319.71	<0.5	<0.5	<0.5	<0.5	<50	<50	--	
MW1	06/25/99	340.86	20.34	320.52	<0.5	<0.5	<0.5	<0.5	<50	--	a	
MW1	09/24/99	340.86	20.42	320.44	<0.5	<0.5	<0.5	<0.5	<50	<50	--	
MW1	12/22/99	340.86	21.11	319.75	<0.5	<0.5	<0.5	<0.5	<50	<61	--	
MW1	03/07/00	340.86	14.12	326.74	<0.5	<0.5	<0.5	<0.5	<50	57	--	
MW1	06/06/00	340.86	17.79	323.07	<0.5	<0.5	<0.5	<0.5	<50	<50	--	
MW1	06/16/00	340.86	Property transferred to Valero Refining Company.									
MW1	07/31/00	340.86	19.02	321.84	<0.5	<0.5	<0.5	<0.5	<50	<50	38	
MW1	10/10/00	340.86	18.56	322.30	<0.5	<0.5	<0.5	<0.5	<50	<50	--	
MW1	01/11/01	340.86	21.43	319.43	<0.5	<0.5	<0.5	<0.5	<50	<50	98	
MW1	04/11/01	340.86	19.83	321.03	<0.5	<0.5	<0.5	<0.5	<50	960	e	33
MW1	07/20/01	340.86	20.50	320.36	<0.5	<0.5	<0.5	<0.5	<50	<50	20	
MW1	10/19/01	340.86	19.48	321.38	<0.5	<0.5	<0.5	<0.5	<50	<50	420	
MW1	11/01/01	340.86	Well surveyed in compliance with AB 2886 requirements.									
MW1	01/28/02	340.86	19.72	321.14	<0.50	<0.50	<0.50	<0.50	178	<100	--	
MW1	04/17/02	340.86	22.17	318.69	<0.5	<0.50	<0.50	<0.50	124	<50	131	
MW1	07/17/02	340.86	22.51	318.35	<0.5	<0.5	<0.5	<0.5	<50.0	<50	8.76	
MW1	10/24/02	340.86	22.51	318.35	<0.5	<0.5	<0.5	<0.5	217	<50	302	
MW1	03/21/03	340.86	21.32	319.54	<0.50	<0.5	<0.5	<0.5	70.9	<50	83.4	
MW1	04/10/03	340.86	21.27	319.59	<0.50	<0.5	<0.5	<0.5	67.2	<51	71.0	
MW1	07/17/03	340.86	21.13	319.73	<0.50	<0.5	<0.5	<0.5	88.9	<50	44.6	
MW1	10/09/03	340.86	21.55	319.31	<0.50	<0.5	<0.5	<0.5	<50.0	<50	41.2	
MW1	01/21/04	340.86	19.96	320.90	<0.50	<0.5	<0.5	<0.5	625	<50	974	
MW1	05/25/04	340.86	22.11	318.75	<0.50	<0.5	<0.5	<0.5	196	<50	204	
MW1	08/26/04	340.86	21.28	319.58	<0.50	<0.5	<0.5	<0.5	148	57	153	
MW1	12/07/04	j	340.86	21.43	319.43	<0.50	<0.5	<0.5	<0.5	966	<50	1,130
MW1	03/17/05	340.86	17.99	322.87	<0.50	<0.5	<0.5	<0.5	1,720	57	k	2,600
MW1	06/20/05	340.86	21.26	319.60	<0.50	<0.5	<0.5	1.0	74.4	<50	103	
MW1	09/20/05	340.86	17.33	323.53	<0.50	<0.50	<0.50	<0.50	<50.0	228	k	15.3
MW1	12/22/05	340.86	17.49	323.37	<0.50	<0.50	<0.50	<0.50	<50.0	<50.0	14.6	
MW1	03/23/06	340.86	16.81	324.05	<0.50	<0.50	<0.50	<0.50	<50	<47	10.4	
MW1	05/30/06	340.86	17.02	323.84	<0.50	<0.50	<0.50	<0.50	<50	<47	4.6	
MW1	09/18/06	340.86	19.55	321.31	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	2.15	
MW1	12/11/06	340.86	20.56	320.30	<0.50	<0.50	<0.50	<0.50	<50	<47	2.3	
MW1	02/20/07	340.86	20.04	320.82	<0.50	<0.50	<0.50	<0.50	<50.0	<47	1.31	

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L)						
					Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d	MTBE
MW1	05/03/07	340.86	18.00	322.86	<0.50	<0.50	<0.50	<0.50	<50	<47	1.9
MW1	08/02/07	340.86	18.29	322.57	<0.50	<0.50	<0.50	<0.50	<50	<48	<0.50
MW1	12/19/07	340.86	19.90	320.96	<1.00	<1.00	<1.00	<3.00	<100	<94.3	2.60
MW1	03/17/08	340.86	17.20	323.66	<0.50	<0.50	<0.50	<0.50	<50.0	70.6	2.62
MW1	05/30/08	340.86	18.33	322.53	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	1.70
MW1	09/10/08	340.86	20.51	320.35	<0.50	<0.50	<0.50	<0.50	<50	<47	1.9
MW1	11/13/08	q 340.86	21.48	319.38	<0.50	<0.50	<0.50	<0.50	<50	<47	2.7
<b>MW1</b>	<b>02/11/09</b>	<b>340.86</b>	<b>22.76</b>	<b>318.10</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	<b>&lt;50</b>	<b>&lt;50</b>	<b>2.6</b>
MW2	11/17/98	340.61	20.42	320.19	1.5	<0.5	0.98	2.6	<50	91	23
MW2	03/15/99	340.61	28.35	312.26	0.73	1.1	2.4	2.2	<50	90	12.5
MW2	06/25/99	340.61	25.20	315.41	<0.5	<0.5	<0.5	<0.5	<50	--	a --
MW2	09/24/99	340.61	23.93	316.68	<0.5	<0.5	<0.5	<0.5	<50	<50	--
MW2	12/22/99	340.61	23.39	317.22	<0.5	<0.5	<0.5	<0.5	<50	<56	--
MW2	03/07/00	340.61	17.08	323.53	<0.5	0.80	<0.5	<0.5	<50	52	--
MW2	06/06/00	340.61	21.01	319.60	<0.5	<0.5	<0.5	<0.5	<50	<50	--
MW2	06/16/00	340.61	Property transferred to Valero Refining Company.								
MW2	07/31/00	340.61	22.08	318.53	<0.5	<0.5	<0.5	<0.5	<50	<50	<5
MW2	10/10/00	340.61	22.35	318.26	<0.5	<0.5	<0.5	<0.5	<50	<50	--
MW2	01/11/01	340.61	23.74	316.87	0.54	<0.5	<0.5	<0.5	<50	<50	--
MW2	04/11/01	340.61	22.34	318.27	<0.5	1.4	<0.5	<0.5	<50	760	e --
MW2	07/20/01	340.61	23.74	316.87	<0.5	<0.5	<0.5	<0.5	<50	<50	--
MW2	10/19/01	340.61	22.68	317.93	<0.5	<0.5	<0.5	<0.5	<50	<50	--
MW2	11/01/01	340.16	Well surveyed in compliance with AB 2886 requirements.								
MW2	01/28/02	340.16	20.79	319.37	<0.50	<0.50	<0.50	<0.50	<50.0	<50.0	--
MW2	04/17/02	340.16	25.52	314.64	<0.5	0.90	<0.50	<0.50	<50.0	<50	4.35
MW2	07/17/02	340.16	28.18	311.98	<0.5	0.6	2.4	2.0	<50.0	<50	10.3
MW2	10/24/02	340.16	28.42	311.74	<0.5	<0.5	<0.5	<0.5	<50.0	<50	9.30
MW2	03/21/03	340.16	23.54	316.62	1.10	0.5	1.3	2.2	<50.0	<50	<0.50
MW2	04/10/03	340.16	28.19	311.97	0.60	0.5	0.8	1.0	<50.0	<50	2.10
MW2	07/17/03	340.16	24.13	316.03	<0.50	<0.5	<0.5	<0.5	<50.0	<50	<0.50
MW2	10/09/03	340.16	26.21	313.95	<0.50	<0.5	<0.5	<0.5	<50.0	90	0.60
MW2	01/21/04	340.16	22.40	317.76	0.50	<0.5	<0.5	<0.5	<50.0	<50	<0.50
MW2	05/25/04	340.16	25.17	314.99	<0.50	<0.5	0.8	1.3	<50.0	<50	1.8
MW2	08/26/04	340.16	27.56	312.60	<0.50	<0.5	<0.5	<0.5	<50.0	<50	<0.50
MW2	12/07/04	j 340.16	25.36	314.80	<0.50	<0.5	<0.5	<0.5	<50.0	<50	8.6



TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L)						
					Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE
MW2	03/17/05	340.16	20.28	319.88	<0.50	<0.5	<0.5	<0.5	57.8	<50	1.10
MW2	06/20/05	340.16	23.48	316.68	<0.50	<0.5	<0.5	1.0	<50.0	<53	<0.50
MW2	09/20/05	340.16	23.11	317.05	<0.50	<0.50	<0.50	<0.50	<50.0	<50.0	2.31
MW2	12/22/05	340.16	23.96	316.20	<0.50	<0.50	<0.50	<0.50	<50.0	<50.0	<0.500
MW2	03/23/06	340.16	21.11	319.05	<0.50	<0.50	<0.50	<0.50	<50	<47	1.82
MW2	05/30/06	340.16	20.15	320.01	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50
MW2	09/18/06	340.16	22.51	317.65	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	<0.500
MW2	12/11/06	340.16	24.80	315.36	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50
MW2	02/20/07	340.16	25.41	314.75	<0.50	0.57	<0.50	2.06	<50.0	<47	<0.500
MW2	05/03/07	340.16	20.64	319.52	2.0	<0.50	1.2	1.8	<50	<47	1.6
MW2	08/02/07	340.16	20.81	319.35	<0.50	<0.50	<0.50	4.1	53	<48	<0.50
MW2	12/19/07	340.16	22.70	317.46	<1.00	<1.00	<1.00	<3.00	<100	<94.3	<0.500
MW2	03/17/08	340.16	20.04	320.12	<0.50	<0.50	<0.50	<0.50	<50.0	79.5	<0.500
MW2	05/30/08	340.16	21.20	318.96	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	<0.500
MW2	09/10/08	340.16	22.98	317.18	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50
MW2	11/13/08	q 340.62	26.16	314.46	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50
<b>MW2</b>	<b>02/11/09</b>	<b>340.62</b>	<b>27.60</b>	<b>313.02</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	<b>&lt;50</b>	<b>&lt;50</b>	<b>1.0</b>
MW3	11/17/98	342.95	36.58	306.37	<0.5	<0.5	<0.5	<0.5	<50	120	220
MW3	03/15/99	342.95	40.01	302.94	<0.5	<0.5	<0.5	<0.5	<50	180	314
MW3	06/25/99	342.95	46.83	296.12	<0.5	<0.5	<0.5	<0.5	<50	--	a 113
MW3	09/24/99	342.95	47.71	295.24	--	--	--	--	--	--	--
MW3	12/22/99	342.95	43.82	299.13	<0.5	<0.5	<0.5	<0.5	<50	140	--
MW3	03/07/00	342.95	32.75	310.20	<0.5	0.88	<0.5	<0.5	<50	<50	--
MW3	06/06/00	342.95	36.05	306.90	<0.5	<0.5	0.82	<0.5	<50	<50	--
MW3	06/16/00	342.95	Property transferred to Valero Refining Company.								
MW3	07/31/00	342.95	36.77	306.18	<0.5	<0.5	<0.5	<0.5	<50	<50	160
MW3	10/10/00	342.95	35.82	307.13	<0.5	<0.5	<0.5	<0.5	<50	<50	--
MW3	01/11/01	342.95	38.08	304.87	<0.5	<0.5	<0.5	<0.5	<50	<50	230
MW3	04/11/01	342.95	36.03	306.92	<0.5	<0.5	<0.5	<0.5	<50	1,000	e 280
MW3	07/20/01	342.95	36.05	306.90	<0.5	<0.5	<0.5	<0.5	270	<50	190
MW3	10/19/01	342.95	34.58	308.37	<0.5	<0.5	<0.5	<0.5	<50	<50	190
MW3	11/01/01	342.95	Well surveyed in compliance with AB 2886 requirements.								
MW3	01/28/02	342.95	34.96	307.99	<0.50	<0.50	<0.50	<0.50	167	<100	--
MW3	04/17/02	342.95	38.21	304.74	<0.5	<0.50	<0.50	<0.50	194	<50	216
MW3	07/17/02	342.95	--	g --	g <0.5	h <0.5	h <0.5	h <0.5	h 163	h <50	h 198

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L)						
					Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d	MTBE
MW3	10/24/02	342.95	38.68	304.27	<0.5	<0.5	<0.5	<0.5	128	<50	183
MW3	03/21/03	342.95	36.50	306.45	<0.50	<0.5	<0.5	<0.5	119	<50	141
MW3	04/10/03	342.95	36.82	306.13	<0.50	<0.5	<0.5	<0.5	119	<53	130
MW3	07/17/03	342.95	37.98	304.97	--	--	--	--	--	--	--
MW3	07/18/03	342.95	--	--	<0.50	<0.5	<0.5	<0.5	142	<50	123
MW3	10/09/03	342.95	38.5	304.45	<0.50	<0.5	<0.5	<0.5	120	<50	147
MW3	01/21/04	342.95	35.45	307.50	<0.50	<0.5	<0.5	<0.5	90.6	94	148
MW3	05/25/04	342.95	38.07	304.88	<0.50	<0.5	<0.5	<0.5	139	<0.50	146
MW3	08/26/04	342.95	36.00	306.95	<0.50	<0.5	<0.5	<0.5	163	112	165
MW3	12/07/04	j 342.95	37.97	304.98	<0.50	<0.5	<0.5	<0.5	174	<50	186
MW3	03/17/05	342.95	31.44	311.51	<0.50	<0.5	<0.5	<0.5	516	<50	740
MW3	06/20/05	342.95	37.29	305.66	<0.50	<0.5	<0.5	0.5	134	<50	241
MW3	09/20/05	342.95	36.11	306.84	<0.50	<0.50	<0.50	<0.50	129	72.3e	e 125
MW3	12/22/05	342.95	34.52	308.43	<0.50	<0.50	<0.50	<0.50	87.5	<50.0	92.9
MW3	03/23/06	342.95	32.04	310.91	<0.50	<0.50	<0.50	<0.50	63d	<47	72.0
MW3	05/30/06	342.95	32.57	310.38	<0.50	<0.50	<0.50	<0.50	<50	120.0	k,d 44
MW3	09/18/06	342.95	34.62	308.33	<0.50	<0.50	<0.50	<0.50	<50.0	102k	53.8
MW3	12/11/06	342.95	34.48	308.47	<0.50	<0.50	<0.50	<0.50	<50	<47	54
MW3	02/20/07	342.95	31.58	311.37	<0.50	<0.50	<0.50	<0.50	<50.0	<47	38.5
MW3	05/03/07	342.95	30.54	312.41	<0.50	<0.50	<0.50	<0.50	<50	<47	55
MW3	08/02/07	342.95	40.50	302.45	<0.50	<0.50	<0.50	<0.50	59d	<48	57
MW3	12/19/07	342.95	37.81	305.14	<1.00	<1.00	<1.00	<3.00	<100	<94.3	39.7
MW3	03/17/08	342.95	37.95	305.00	<0.50	<0.50	<0.50	<0.50	50.7	72.6	49.3
MW3	05/30/08	342.95	38.61	304.34	<0.50	<0.50	<0.50	<0.50	86.6	<47.2	37.4
MW3	09/10/08	342.95	44.57	298.38	<0.50	<0.50	<0.50	<0.50	<50	<47	35
MW3	11/13/08	q 342.97	46.30	296.67	<0.50	<0.50	<0.50	<0.50	<50	<47	28
<b>MW3</b>	<b>02/11/09</b>	<b>342.97</b>	<b>46.71</b>	<b>296.26</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	<b>&lt;50</b>	<b>&lt;50</b>	<b>28</b>
MW4	11/17/98	342.96	50.20	292.76	<0.5	<0.5	<0.5	<0.5	<50	72	3.5
MW4	03/15/99	342.96	47.93	295.03	<0.5	<0.5	<0.5	<0.5	<50	91	260
MW4	06/25/99	b 342.96	48.15	294.81	--	--	--	--	--	--	--
MW4	09/24/99	b 342.96	49.29	293.67	--	--	--	--	--	--	--
MW4	12/22/99	342.96	49.33	293.63	--	--	--	--	--	--	b --
MW4	03/07/00	342.96	49.05	293.91	<0.5	0.84	<0.5	<0.5	<50	190	--
MW4	06/06/00	342.96	49.02	293.94	<0.5	<0.5	<0.5	<0.5	<50	110	--
MW4	06/16/00	342.96	Property transferred to Valero Refining Company.								

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L)						
					Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE
MW4	07/31/00	342.96	49.13	293.83	<0.5	<0.5	<0.5	<0.5	<50	<50	490
MW4	10/10/00	342.96	40.08	302.88	--	--	--	--	--	--	--
MW4	01/11/01	342.96	36.41	306.55	<0.5	<0.5	<0.5	<0.5	<50	110	21
MW4	04/11/01	342.96	36.43	306.53	<0.5	0.56	<0.5	<0.5	<50	870e	14
MW4	07/20/01	342.96	--	--	--	--	--	--	--	--	--
MW4	10/19/01	342.96	33.67	309.29	<0.5	<0.5	<0.5	<0.5	<50	71	16
MW4	11/01/01	342.96	Well surveyed in compliance with AB 2886 requirements.								
MW4	01/28/02	342.96	33.11	309.85	<0.50	<0.50	<0.50	<0.50	<50.0	148	--
MW4	04/17/02	342.96	36.03	306.93	<0.5	<0.50	<0.50	<0.50	<50.0	<50	23.4
MW4	07/17/02	342.96	37.65	305.31	<0.5	<0.5	<0.5	<0.5	<50.0	<50	15.8
MW4	10/24/02	342.96	37.41	305.55	<0.5	<0.5	<0.5	<0.5	<50.0	<50	8.90
MW4	03/21/03	342.96	36.18	306.78	<0.50	<0.5	<0.5	<0.5	<50.0	<56	14.2
MW4	04/10/03	342.96	36.55	306.41	<0.50	<0.5	<0.5	<0.5	<50.0	<51	15.3
MW4	07/17/03	342.96	36.45	306.51	<0.50	<0.5	<0.5	<0.5	<50.0	<50	11.4
MW4	10/09/03	342.96	37.7	305.26	<0.50	<0.5	<0.5	<0.5	<50.0	<50	6.90
MW4	01/21/04	342.96	35.78	307.18	<0.50	<0.5	<0.5	<0.5	<50.0	<50	9.40
MW4	05/25/04	342.96	35.88	307.08	<0.50	<0.5	<0.5	<0.5	<50.0	<50	14.40
MW4	08/26/04	342.96	--	--	<0.50	<0.5	<0.5	<0.5	<50.0	<50	11.10
MW4	12/07/04	342.96	35.65	307.31	--	--	--	--	--	--	--
MW4	03/17/05	342.96	29.34	313.62	<0.50	<0.5	<0.5	<0.5	<50.0	67k	63.0
MW4	06/20/05	342.96	34.61	308.35	<0.50	<0.5	<0.5	<0.5	70.4	<50	116
MW4	09/20/05	342.96	33.73	309.23	<0.50	<0.50	<0.50	<0.50	71.2	159	87.4
MW4	12/22/05	342.96	31.99	310.97	<0.50	<0.50	<0.50	<0.50	74.9	<50.0	78.9
MW4	03/23/06	342.96	31.63	311.33	<0.50	<0.50	<0.50	<0.50	53d	<47	57.1
MW4	05/30/06	342.96	30.87	312.09	<0.50	<0.50	<0.50	<0.50	<50	<47	45
MW4	09/18/06	342.96	32.81	310.15	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	20.4
MW4	12/11/06	342.96	37.54	305.42	<0.50	<0.50	<0.50	<0.50	<50	<47	32
MW4	02/20/07	342.96	37.86	305.10	--	--	--	--	--	--	--
MW4	05/03/07	342.96	38.52	304.44	1	<0.50	1	1.4	<50	<47	30
MW4	08/02/07	342.96	35.74	307.22	<0.50	<0.50	<0.50	<0.50	<50	<48	23
MW4	12/19/07	342.96	40.40	302.56	<1.00	<1.00	<1.00	<3.00	<100	<94.3	15.9
MW4	03/17/08	342.96	40.10	302.86	<0.50	<0.50	<0.50	<0.50	<50.0	82.5	16.2
MW4	05/30/08	342.96	39.07	303.89	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	13.0
MW4	09/10/08	342.96	45.82	297.14	<0.50	<0.50	<0.50	<0.50	<50	<47	12
MW4	11/13/08	342.97	47.04	295.93	<0.50	<0.50	<0.50	<0.50	<50	<47	9.1
<b>MW4</b>	<b>02/11/09</b>	<b>342.97</b>	<b>47.25</b>	<b>295.72</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	<b>&lt;50</b>	<b>&lt;50</b>	<b>6.2</b>

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L)										
					Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE				
MW5	06/16/00	342.87	Property transferred to Valero Refining Company.												
MW5	07/31/00	b 342.87	--	--	--	--	--	--	--	--	--	--	--	--	
MW5	10/10/00	342.87	29.12	313.75	<0.5	<0.5	<0.5	<0.5	<50	150	--	--	--	--	
MW5	01/11/01	342.87	28.89	313.98	--	b	--	b	--	b	--	b	--	b	--
MW5	04/11/01	342.87	28.23	314.64	--	b	--	b	--	b	--	b	--	b	--
MW5	07/20/01	f 342.87	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	10/19/01	342.87	27.62	315.25	<0.5	<0.5	<0.5	<0.5	<50	86	5	--	--	--	
MW5	11/01/01	342.87	Well surveyed in compliance with AB 2886 requirements.												
MW5	01/28/02	342.87	28.04	314.83	<0.50	<0.50	<0.50	<0.50	<50.0	<100	--	--	--	--	
MW5	04/17/02	342.87	29.10	313.77	<0.5	<0.50	<0.50	<0.50	<50.0	85	6.7	--	--	--	
MW5	07/17/02	342.87	29.37	313.50	--	b	--	b	--	b	--	b	--	b	--
MW5	10/24/02	342.87	29.36	313.51	--	b	--	b	--	b	--	b	--	b	--
MW5	03/21/03	342.87	28.55	314.32	2.50	1.0	3.5	5.9	57.8	b	8.70	--	--	--	
MW5	04/10/03	342.87	29.10	313.77	5.50	3.0	2.9	4.3	56.1	b	7.20	--	--	--	
MW5	07/17/03	342.87	28.91	313.96	1.00	<0.50	0.7	1.2	<0.50	b	12.0	--	--	--	
MW5	10/09/03	342.87	29.17	313.70	<0.50	<0.5	<0.5	<0.5	<50.0	<100	4.50	--	--	--	
MW5	01/21/04	342.87	28.75	314.12	1.30	1.40	<0.5	2.4	<50.0	<50	4.00	--	--	--	
MW5	05/25/04	342.87	28.95	313.92	0.70	0.7	1.8	2.9	<50.0	--	2.90	--	--	--	
MW5	08/26/04	342.87	--	i --	i <0.50	i <0.5	i <0.5	i <0.5	i <50.0	i <50	i 5.2	i	5.2	i	
MW5	12/07/04	j 342.87	28.29	314.58	0.70	<0.5	0.5	1.6	<50.0	106	k,l 2.00	--	--	--	
MW5	03/17/05	342.87	26.39	316.48	<0.50	<0.5	<0.5	<0.5	<50.0	143	k,l 4.40	--	--	--	
MW5	06/20/05	342.87	28.01	314.86	<0.50	<0.5	<0.5	0.5	<50.0	<59	13.0	--	--	--	
MW5	09/20/05	342.87	28.61	314.26	<0.50	<0.50	<0.50	<0.50	75.3	1,730	k,l 6.38	--	--	--	
MW5	12/22/05	342.87	28.67	314.20	4.95	4.69	2.34	39.0	104	70.3	k,l 9.00	--	--	--	
MW5	03/23/06	342.87	28.03	314.84	<0.50	<0.50	<0.50	<0.50	<50	140	k,l 18.5	--	--	--	
MW5	05/30/06	342.87	26.91	315.96	<0.50	<0.50	<0.50	0.75	<50	130	k,d 28	--	--	--	
MW5	09/18/06	342.87	29.04	313.83	<0.50	<0.50	<0.50	<0.50	<50.0	120	k 14.7	--	--	--	
MW5	12/11/06	342.87	28.72	314.15	3.6	<0.50	2.8	3.0	54	--	b 26	--	--	--	
MW5	02/20/07	342.87	28.94	313.93	0.53	0.94	0.77	4.18	<50.0	<47	11.5	--	--	--	
MW5	05/03/07	342.87	28.05	314.82	<0.50	<0.50	<0.50	<0.50	<50	190	k,l 12	--	--	--	
MW5	08/02/07	342.87	27.71	315.16	<0.50	<0.50	<0.50	<0.50	<50	79	k 6.3	--	--	--	
MW5	12/19/07	342.87	27.49	315.38	<1.00	<1.00	<1.00	<3.00	<100	<94.3	7.70	--	--	--	
MW5	03/17/08	342.87	27.07	315.80	<0.50	<0.50	<0.50	<0.50	<50.0	131	3.70	--	--	--	
MW5	05/30/08	342.87	24.49	318.38	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	2.44	--	--	--	
MW5	09/10/08	342.87	26.60	316.27	<0.50	<0.50	<0.50	<0.50	<50	50	p 2.1	--	--	--	

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L)							
					Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d	MTBE	
MW5	11/13/08	q 342.87	27.84	315.03	<0.50	<0.50	<0.50	<0.50	<50	<47	2.8	
<b>MW5</b>	<b>02/11/09</b>	<b>342.87</b>	<b>28.30</b>	<b>314.57</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	<b>&lt;50</b>	<b>62</b>	<b>3.1</b>	
MW6	06/16/00	341.05	Property transferred to Valero Refining Company.									
MW6	07/31/00	341.05	39.72	301.33	<0.5	<0.5	<0.5	<0.5	<50	<50	<5	
MW6	10/10/00	341.05	40.12	300.93	c	c	c	c	c	<50	--	
MW6	01/11/01	341.05	46.13	294.92	<0.5	<0.5	<0.5	<0.5	<50	<50	--	
MW6	04/11/01	341.05	45.40	295.65	--	b	--	b	--	b	--	
MW6	07/20/01	341.05	41.75	299.30	<0.3	<0.3	<0.6	<0.6	<50	<50	--	
MW6	10/19/01	341.05	44.10	296.95	<0.5	<0.5	<0.5	<0.5	<50	<50	--	
MW6	11/01/01	341.05	Well surveyed in compliance with AB 2886 requirements.									
MW6	01/28/02	341.05	39.57	301.48	<0.50	<0.90	<0.50	<0.50	<50.0	<100	--	
MW6	04/17/02	341.05	41.84	299.21	<0.5	<0.50	<0.50	<0.50	<50.0	52	--	
MW6	07/17/02	341.05	42.85	298.20	<0.5	<0.5	<0.5	<0.5	<50.0	<50	--	
MW6	10/24/02	341.05	42.10	298.95	<0.5	<0.5	<0.5	<0.5	<50.0	<50	--	
MW6	03/21/03	341.05	44.81	296.24	<0.50	<0.5	<0.5	<0.5	<50.0	107	--	
MW6	04/10/03	341.05	44.28	296.77	<0.50	<0.5	<0.5	<0.5	<50.0	60	0.80	
MW6	07/17/03	341.05	41.56	299.49	<0.50	<0.5	<0.5	<0.5	<50.0	<50	<0.50	
MW6	10/09/03	341.05	41.54	299.51	<0.50	<0.5	<0.5	<0.5	<50.0	452	0.60	
MW6	01/21/04	341.05	38.20	302.85	<0.50	<0.5	<0.5	<0.5	<50.0	<50	<0.50	
MW6	05/25/04	341.05	40.35	300.70	<0.50	<0.5	<0.5	<0.5	<50.0	<50	<0.50	
MW6	08/26/04	341.05	--	i --	i 2.10	i 0.9	i 0.8	i 2.90	i <50.0	i 314	i 1.00	i
MW6	12/07/04	j,m 341.05	--	--	--	--	--	--	--	--	--	
MW6	03/17/05	341.05	37.44	303.61	<0.50	<0.5	<0.5	<0.5	<50.0	<50	0.60	
MW6	06/20/05	341.05	40.42	300.63	<0.50	<0.5	<0.5	<0.5	<50.0	<50	0.60	
MW6	09/20/05	341.05	38.00	303.05	<0.50	<0.50	<0.50	<0.50	<50.0	117	k 0.570	
MW6	12/22/05	341.05	37.55	303.50	0.86	1.39	<0.50	<0.50	<50.0	331	k <0.500	
MW6	03/23/06	341.05	35.72	305.33	<0.50	<0.50	<0.50	<0.50	<50	<47	<1.00	
MW6	05/30/06	341.05	33.52	307.53	1.6	0.59	0.77	1.2	<50	<47	0.88	
MW6	09/18/06	341.05	38.05	303.00	<0.50	<0.50	<0.50	<0.50	<50.0	80.0	k 0.560	
MW6	12/11/06	341.05	37.04	304.01	<0.50	<0.50	<0.50	<0.50	<50	<47	0.76	
MW6	02/20/07	341.05	38.01	303.04	<0.50	<0.50	<0.50	<0.50	<50.0	<47	0.510	
MW6	05/03/07	341.05	36.78	304.27	<0.50	<0.50	<0.50	<0.50	<50	<47	0.72	
MW6	08/02/07	341.05	42.05	299.00	<0.50	<0.50	<0.50	<0.50	<50	<47	0.65	
MW6	12/19/07	341.05	38.75	302.30	<1.00	<1.00	<1.00	<3.00	<100	<94.3	<0.500	
MW6	03/17/08	341.05	38.45	302.60	<0.50	<0.50	<0.50	<0.50	<50.0	185	<0.500	

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L)										
					Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE				
MW6	05/30/08	341.05	37.51	303.54	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	<0.500				
MW6	09/10/08	341.05	44.07	296.98	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50				
MW6	11/13/08	341.02	45.15	295.87	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50				
<b>MW6</b>	<b>02/11/09</b>	<b>341.02</b>	<b>45.32</b>	<b>295.70</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	<b>&lt;50</b>	<b>&lt;50</b>	<b>0.31</b>	<b>s</b>			
MW7	06/16/00	341.73	Property transferred to Valero Refining Company.												
MW7	07/31/00	341.73	24.22	317.51	<0.5	<0.5	<0.5	<0.5	<50	150	8				
MW7	10/10/00	341.73	24.09	317.64	--	c	--	c	--	c	1,500	--	c		
MW7	01/11/01	341.73	25.86	315.87	0.55	<0.5	<0.5	<0.5	<50	330	7				
MW7	04/11/01	341.73	24.28	317.45	<2.5	<2.5	<2.5	<2.5	<250	980	e	--			
MW7	07/20/01	341.73	25.52	316.21	<0.5	<0.5	<0.5	<0.5	<50	300	6				
MW7	10/19/01	341.73	24.99	316.74	<0.5	<0.5	<0.5	<0.5	<50	120	<5				
MW7	11/01/01	341.73	Well surveyed in compliance with AB 2886 requirements.												
MW7	01/28/02	341.73	23.84	317.89	<0.50	<0.50	<0.50	<0.50	<50.0	<100	--				
MW7	04/17/02	341.73	28.19	313.54	<0.5	2.10	<0.50	<0.50	<50.0	55	11.6				
MW7	07/17/02	341.73	29.74	311.99	<0.5	<0.5	<0.5	<0.5	<50.0	69	9.0				
MW7	10/24/02	341.73	29.50	312.23	<0.5	<0.5	<0.5	<0.5	<50.0	262	6.0				
MW7	03/21/03	341.73	26.07	315.66	<0.50	0.8	<0.5	<0.5	<50.0	<50	--				
MW7	04/10/03	341.73	26.06	315.67	<0.50	<0.5	<0.5	<0.5	<50.0	<50	9.00				
MW7	07/17/03	341.73	27.18	314.55	<0.50	<0.5	<0.5	<0.5	<50.0	<50	9.10				
MW7	10/09/03	341.73	28.27	313.46	<0.50	<0.5	<0.5	<0.5	<50.0	<50	5.60				
MW7	01/21/04	341.73	24.51	317.22	<0.50	<0.5	<0.5	<0.5	<50.0	140	17.6				
MW7	05/25/04	341.73	28.87	312.86	<0.50	<0.5	<0.5	<0.5	<50.0	--	13.10				
MW7	08/26/04	341.73	--	i	--	i	<0.50	i	<0.50	i	322	i	19.9	i	
MW7	12/07/04	j	341.73	27.68	314.05	<0.50	<0.5	<0.5	<0.5	<50.0	469k	5.30			
MW7	03/17/05	341.73	22.80	318.93	<0.50	<0.5	<0.5	<0.5	<50.0	131k	16.5				
MW7	06/20/05	341.73	26.73	315.00	<0.50	<0.5	<0.5	<0.5	<50.0	68k	11.1				
MW7	09/20/05	341.73	24.28	317.45	<50.0	n	<50.0	n	<50.0	n	<5,000	n	4,690	k	<0.500
MW7	12/22/05	341.73	24.54	317.19	<0.50	0.76	<0.50	0.64	<50.0	799	k	<0.500			
MW7	03/23/06	341.73	22.46	319.27	<0.50	<0.50	<0.50	<0.50	<50	190	k	<1.00			
MW7	05/30/06	341.73	21.86	319.87	<0.50	<0.50	<0.50	<0.50	<50	<48	2.7				
MW7	09/18/06	341.73	24.35	317.38	<0.50	<0.50	<0.50	<0.50	<50.0	140	k	5.97			
MW7	12/11/06	341.73	26.01	315.72	<0.50	<0.50	<0.50	<0.50	<50	<47	8.1				
MW7	02/20/07	341.73	24.46	317.27	<0.50	<0.50	<0.50	0.76	<50.0	<47	4.89				
MW7	05/03/07	341.73	22.11	319.62	<0.50	<0.50	<0.50	<0.50	<50	62	k,l	5.4			
MW7	08/02/07	341.73	22.83	318.90	<0.50	<0.50	<0.50	<0.50	<50	--	5.9				

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L)								
					Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE		
MW7	12/19/07	341.73	24.59	317.14	<1.00	<1.00	<1.00	<3.00	<100	<94.3	3.22		
MW7	03/17/08	341.73	21.31	320.42	<0.50	<0.50	<0.50	<0.50	<50.0	80.3	2.64		
MW7	05/30/08	341.73	21.82	319.91	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	3.29		
MW7	09/10/08	341.73	25.13	316.60	<0.50	<0.50	<0.50	<0.50	<50	<47	3.0		
MW7	11/13/08	341.69	26.48	315.21	<0.50	<0.50	<0.50	<0.50	<50	<47	3.1		
<b>MW7</b>	<b>02/11/09</b>	<b>q 341.69</b>	<b>29.67</b>	<b>312.02</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>0.33</b>	<b>s,t &lt;50</b>	<b>&lt;50</b>	<b>3.3</b>		
MW8	06/16/00	341.44	Property transferred to Valero Refining Company.										
MW8	10/10/00 - 08/26/04		Well dry.										
MW8	12/07/04	h,j 341.44	65.15	276.29	<0.50	<0.5	<0.5	<0.5	<50.0	--	b 2.40		
MW8	03/17/05	341.44	59.75	281.69	<0.50	<0.5	<0.5	<0.5	<50.0	<50	<0.50		
MW8	06/20/05	341.44	55.15	286.29	<0.50	<0.5	<0.5	<0.5	<50.0	<50	<0.50		
MW8	09/20/05	341.44	55.39	286.05	<0.50	<0.50	<0.50	0.52	<50.0	229	k <0.500		
MW8	12/22/05	341.44	51.96	289.48	<0.50	<0.50	<0.50	<0.50	<50.0	<50.0	<0.500		
MW8	03/23/06	341.44	46.63	294.81	1.4	<0.50	0.83	<0.50	<50	100	k <1.00		
MW8	05/30/06	341.44	43.09	298.35	<0.50	<0.50	<0.50	<0.50	<50	70	k 0.66		
MW8	09/18/06	341.44	44.87	296.57	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	<0.500		
MW8	12/11/06	341.44	43.55	297.89	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50		
MW8	02/20/07	341.44	38.48	302.96	<0.50	<0.50	<0.50	0.54	<50.0	57	k <0.500		
MW8	05/03/07	341.44	37.23	304.21	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50		
MW8	08/02/07	341.44	42.58	298.86	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50		
MW8	12/19/07	341.44	39.23	302.21	<1.00	<1.00	<1.00	<3.00	<100	<95.2	<0.500		
MW8	03/17/08	341.44	38.90	302.54	<0.50	<0.50	<0.50	<0.50	<50.0	72.0	<0.500		
MW8	05/30/08	341.44	37.95	303.49	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	<0.500		
MW8	09/10/08	341.44	44.53	296.91	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50		
MW8	11/13/08	341.40	45.61	295.79	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50		
<b>MW8</b>	<b>02/11/09</b>	<b>q 341.40</b>	<b>45.76</b>	<b>295.64</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	<b>&lt;50</b>	<b>&lt;50</b>	<b>&lt;0.50</b>		
MW9	12/18/08	r 342.01	45.64	296.37	0.18	r, s <0.50	<0.50	<1.0	<50	<50	<0.50		
<b>MW9</b>	<b>02/11/09</b>	<b>342.01</b>	<b>46.29</b>	<b>295.72</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	<b>&lt;50</b>	<b>&lt;50</b>	<b>&lt;0.50</b>		
MW10	12/18/08	r 342.24	46.36	295.88	0.30	r, s 0.78	0.47	<1.0	62	<50	4.5		
<b>MW10</b>	<b>02/11/09</b>	<b>342.24</b>	<b>46.47</b>	<b>295.77</b>	<b>0.14</b>	<b>s,t</b>	<b>0.20</b>	<b>s,t 0.19</b>	<b>s 0.50</b>	<b>s &lt;50</b>	<b>&lt;50</b>	<b>0.076</b>	<b>s</b>
MW11	12/18/08	r 341.38	45.40	295.98	<0.50	<0.50	<0.50	<1.0	<50	160	0.64		

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L)											
					Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d	MTBE					
MW11	02/11/09	341.38	45.79	295.59	0.20	s,t	0.27	s	0.34	s	1.3	t	<50	<50	0.070	s
MW12	12/18/08	r 342.51	46.62	295.89	<0.50		<0.50		<0.50		<1.0		<50	<50	<0.50	
MW12	02/11/09	342.51	46.83	295.68	0.23	s,t	0.49	s	<0.50		0.32	s,t	<50	<50	0.13	s
MW13	12/18/08	r 342.74	40.03	302.71	<0.50		0.29	r	<0.50		<1.0		<50	120	2.2	
MW13	02/11/09	342.74	33.34	309.40	0.19	s,t	0.38	s	<0.50		0.42	s	<50	<50	6.3	
MW14	12/18/08	r 343.35	30.11	313.24	<0.50		0.22	r, s	<0.50		<1.0		<50	120	6.7	
MW14	02/11/09	343.35	36.74	306.61	0.16	s,t	0.29	s	<0.50		0.28	s,t	<50	<50	34	

Notes: Data through 2 August 2007 provided by Environmental Resolutions, Inc.  
 BTEX analyzed using EPA Method 8021B.  
 TPH-g analyzed using modified EPA Method 5030/8015/8015B.  
 TPH-d analyzed using modified EPA Method 8015/8015B.

- a No result because of sample loss during laboratory fire.
- b Not enough water to gauge and/or sample.
- c Samples were damaged during transportation to laboratory.
- d Result elevated due to single analyte peak in quantitation range.
- e Diesel-range hydrocarbons detected in bailer blank; result is suspect.
- f Well inaccessible.
- g Depth to water was not measured due to equipment failure.
- h Grab sample.
- i Groundwater elevation data invalidated; analytical results suspect.
- j Incorrect date recorded on the chain-of-custody form and/or laboratory analytical report. The correct date is shown.
- k Diesel-range organic compounds reported in sample; however, chromatogram pattern is not representative of diesel fuel.
- l Analyte detected in laboratory method blank; result is suspect.
- m Incorrect well monitored and sampled. Results invalidated.
- n Elevated reporting limit used due to sample matrix effects.
- o The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- p Does not match typical pattern
- q Wells originally surveyed on 19 September 2008. Elevation based on City of Pleasanton Benchmark: 342.14 feet.
- r Wells originally surveyed on 6 January 2009. Elevation based on City of Pleasanton Benchmark: 342.14 feet.
- s Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
- t Analyte presence was not confirmed by second column or GC/MS analysis.



TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L)					
					Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d

BTEX Benzene, toluene, ethylbenzene, and total xylenes.

MTBE Methyl tertiary butyl ether.

TPH-d Total Petroleum Hydrocarbons as diesel.

TPH-g Total Petroleum Hydrocarbons as gasoline.

µg/L Micrograms per liter.

-- Not analyzed/not applicable/not sampled/not measured.

TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES, FORMER EXXON RS 73567  
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Concentration (µg/L)						
		ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
MW1	11/17/98 - 06/16/00	Not analyzed for these analytes.						
MW1	07/31/00	<10	<10	<500	<5	<5	<10	--
MW1	10/10/00 - 10/24/02	Not analyzed for these analytes.						
MW1	03/21/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW1	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW1	07/17/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW1	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW1	01/21/04	<0.50	2.20	57.9	<0.50	<0.50	<0.50	--
MW1	05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW1	08/26/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW1	12/07/04	d	2.00	49.6	<0.50	<0.50	<0.50	--
MW1	03/17/05	<0.50	7.60	201	<0.50	<0.50	<0.50	--
MW1	06/20/05	<0.50	<0.50	135	<0.50	<0.50	<0.50	--
MW1	09/20/05	<0.500	<0.500	30.6	<0.500	<0.500	<0.500	--
MW1	12/22/05	<0.500	<0.500	114	<0.500	<0.500	<0.500	--
MW1	03/23/06	<1.00	<1.00	93.8	<1.00	<1.00	<1.00	<100
MW1	05/30/06	<0.50	<0.50	31	<0.50	<0.50	<0.50	<100
MW1	09/18/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW1	12/11/06	<0.50	<0.50	59	<0.50	<0.50	<0.50	--
MW1	02/20/07	<0.500	<0.500	26.2	<0.500	<0.500	<0.500	--
MW1	05/03/07	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW1	08/02/07	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW1	12/19/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW1	03/17/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW1	05/30/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW1	09/10/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW1	11/13/08	<0.50	<0.50	40	<0.50	<0.50	<0.50	--
<b>MW1</b>	<b>02/11/09</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>38</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	--
MW2	11/17/98 - 06/16/00	Not analyzed for these analytes.						

TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES, FORMER EXXON RS 73567  
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Concentration (µg/L)							Ethanol
		ETBE	TAME	TBA	EDB	1,2-DCA	DIPE		
MW2	07/31/00	<10	<10	<500	<5	<5	<10	--	
MW2	10/10/00 - 10/24/02	Not analyzed for these analytes.							
MW2	03/21/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--	
MW2	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--	
MW2	07/17/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--	
MW2	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--	
MW2	01/21/04	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--	
MW2	05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--	
MW2	08/26/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--	
MW2	12/07/04	d	<0.50	<10.0	<0.50	<0.50	<0.50	--	
MW2	03/17/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--	
MW2	06/20/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--	
MW2	09/20/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--	
MW2	12/22/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--	
MW2	03/23/06	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<100	
MW2	05/30/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	<100	
MW2	09/18/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--	
MW2	12/11/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	--	
MW2	02/20/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--	
MW2	05/03/07	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--	
MW2	08/02/07	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--	
MW2	12/19/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--	
MW2	03/17/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--	
MW2	05/30/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--	
MW2	09/10/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--	
MW2	11/13/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--	
<b>MW2</b>	<b>02/11/09</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>2.2</b>	<b>f</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>--</b>	
MW3	11/17/98 - 06/16/00	Not analyzed for these analytes.							
MW3	07/31/00	<10	<10	<500	<5	<5	<10	--	

TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES, FORMER EXXON RS 73567  
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Concentration (µg/L)						
		ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
MW3	10/10/00 - 10/24/02	Not analyzed for these analytes.						
MW3	03/21/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW3	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW3	07/17/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW3	07/18/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW3	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW3	01/21/04	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW3	05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW3	08/26/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW3	12/07/04	d	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW3	03/17/05	<0.50	<0.50	22.7	<0.50	<0.50	<0.50	--
MW3	06/20/05	<0.50	<0.50	13.3	<0.50	<0.50	<0.50	--
MW3	09/20/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW3	12/22/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW3	03/23/06	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	--
MW3	05/30/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	<100
MW3	09/18/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW3	12/11/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	--
MW3	02/20/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW3	05/03/07	<0.50	<0.50	47	<0.50	<0.50	<0.50	--
MW3	08/02/07	<0.50	<0.50	870	<0.50	<0.50	<0.50	--
MW3	12/19/07	<0.500	<0.500	414	<0.500	<0.500	<0.500	--
MW3	03/17/08	<0.500	<0.500	272	<0.500	<0.500	<0.500	--
MW3	05/30/08	<0.500	<0.500	371	<0.500	<0.500	<0.500	--
MW3	09/10/08	<0.50	<0.50	260	<0.50	<0.50	<0.50	--
MW3	11/13/08	<0.50	<0.50	150	<0.50	<0.50	<0.50	--
<b>MW3</b>	<b>02/11/09</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>31</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	--
MW4	11/17/98 - 06/16/00	Not analyzed for these analytes.						
MW4	07/31/00	<10	<10	<500	<5	<5	<10	--

TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES, FORMER EXXON RS 73567  
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Concentration (µg/L)							Ethanol
		ETBE	TAME	TBA	EDB	1,2-DCA	DIPE		
MW4	10/10/00 - 10/24/02	Not analyzed for these analytes.							
MW4	03/21/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW4	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW4	07/17/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW4	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW4	01/21/04	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW4	05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	--
MW4	08/26/04	<0.50c	<0.50c	<10.0c	<0.50c	<0.50c	<0.50c	<0.50c	--
MW4	12/07/04	a,d	--	--	--	--	--	--	--
MW4	03/17/05	<0.50	0.70	<10.0	<0.50	<0.50	<0.50	<0.50	--
MW4	06/20/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	--
MW4	09/20/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW4	12/22/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW4	03/23/06	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<1.00	--
MW4	05/30/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	<0.50	<100
MW4	09/18/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW4	12/11/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	<0.50	--
MW4	02/20/07	a	--	--	--	--	--	--	--
MW4	05/03/07	<0.50	<0.50	26	<0.50	<0.50	<0.50	<0.50	--
MW4	08/02/07	<0.50	<0.50	11	<0.50	<0.50	<0.50	<0.50	--
MW4	12/19/07	<0.500	<0.500	27.0	<0.500	<0.500	<0.500	<0.500	--
MW4	03/17/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW4	05/30/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW4	09/10/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW4	11/13/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
<b>MW4</b>	<b>02/11/09</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>2.2</b>	<b>f</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	--
MW5	06/16/00	--	--	--	--	--	--	--	--
MW5	07/31/00	<10	<10	<500	<5	<5	<10	<10	--
MW5	10/10/00 - 10/24/02	Not analyzed for these analytes.							
MW5	03/21/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--

TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES, FORMER EXXON RS 73567  
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Concentration (µg/L)							Ethanol
		ETBE	TAME	TBA	EDB	1,2-DCA	DIPE		
MW5	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW5	07/17/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW5	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW5	01/21/04	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW5	05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	--
MW5	08/26/04	<0.50c	<0.50c	<10.0c	<0.50c	<0.50c	<0.50c	<0.50c	--
MW5	12/07/04	d	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	--
MW5	03/17/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	--
MW5	06/20/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	--
MW5	09/20/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW5	12/22/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW5	03/23/06	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<1.00	--
MW5	05/30/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	<0.50	<100
MW5	09/18/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW5	12/11/06	<0.50	<0.50	25	<0.50	<0.50	<0.50	<0.50	--
MW5	02/20/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW5	05/03/07	<0.50	<0.50	13	<0.50	<0.50	<0.50	<0.50	--
MW5	08/02/07	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW5	12/19/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW5	03/17/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW5	05/30/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW5	09/10/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW5	11/13/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
<b>MW5</b>	<b>02/11/09</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	--
MW6	06/16/00	--	--	--	--	--	--	--	--
MW6	07/31/00	<10	<10	<500	<5	<5	<10	<10	--
MW6	10/10/00 - 10/24/02	Not analyzed for these analytes.							--
MW6	03/21/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW6	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW6	07/17/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW6	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--

TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES, FORMER EXXON RS 73567  
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Concentration (µg/L)									
		ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol			
MW6	01/21/04	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--			
MW6	05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--			
MW6	08/26/04	<0.50	c	<0.50	c	<10.0	c	<0.50	c	<0.50	c
MW6	12/07/04	d,e	--	--	--	--	--	--	--	--	--
MW6	03/17/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
MW6	06/20/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
MW6	09/20/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
MW6	12/22/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
MW6	03/23/06	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW6	05/30/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<100
MW6	09/18/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
MW6	12/11/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
MW6	02/20/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
MW6	05/03/07	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
MW6	08/02/07	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
MW6	12/19/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
MW6	03/17/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
MW6	05/30/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	--
MW6	09/10/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
MW6	11/13/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
<b>MW6</b>	<b>02/11/09</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>--</b>
MW7	06/16/00 - 10/24/02	Not analyzed for these analytes.									
MW7	03/21/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
MW7	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
MW7	07/17/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
MW7	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
MW7	01/21/04	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
MW7	05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
MW7	08/26/04	<0.50c	<0.50c	<10.0c	<0.50c	<0.50c	<0.50c	<0.50c	<0.50c	<0.50c	--
MW7	12/07/04	d	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
MW7	03/17/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES, FORMER EXXON RS 73567  
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Concentration (µg/L)							Ethanol
		ETBE	TAME	TBA	EDB	1,2-DCA	DIPE		
MW7	06/20/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	--
MW7	09/20/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW7	12/22/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW7	03/23/06	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<1.00	<100
MW7	05/30/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	<0.50	<100
MW7	09/18/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW7	12/11/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	<0.50	--
MW7	02/20/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW7	05/03/07	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW7	08/02/07	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW7	12/19/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW7	03/17/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW7	05/30/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW7	09/10/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW7	11/13/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
<b>MW7</b>	<b>02/11/09</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	--
MW8	07/31/00	<10	<10	<500	<5	<5	<10	<10	--
MW8	10/10/00 - 08/26/04	Well dry.							--
MW8	12/07/04	b,d	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW8	03/17/05		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW8	06/20/05		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW8	09/20/05		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW8	12/22/05		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW8	03/23/06		<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<100
MW8	05/30/06		<0.50	<0.50	<12	<0.50	<0.50	<0.50	<100
MW8	09/18/06		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW8	12/11/06		<0.50	<0.50	<12	<0.50	<0.50	<0.50	--
MW8	02/20/07		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW8	05/03/07		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW8	08/02/07		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--



TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES, FORMER EXXON RS 73567  
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Concentration (µg/L)							Ethanol
		ETBE	TAME	TBA	EDB	1,2-DCA	DIPE		
MW8	12/19/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW8	03/17/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW8	05/30/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW8	09/10/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW8	11/13/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
<b>MW8</b>	<b>02/11/09</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	--
MW9	12/18/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
<b>MW9</b>	<b>02/11/09</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	--
MW10	12/18/08	<0.50	<0.50	22	<0.50	<0.50	<0.50	<0.50	--
<b>MW10</b>	<b>02/11/09</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	--
MW11	12/18/08	<0.50	<0.50	7.4	f	<0.50	<0.50	<0.50	--
<b>MW11</b>	<b>02/11/09</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10</b>		<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	--
MW12	12/18/08	<0.50	<0.50	5.6	f	<0.50	<0.50	<0.50	--
<b>MW12</b>	<b>02/11/09</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10</b>		<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	--
MW13	12/18/08	<0.50	<0.50	<10		<0.50	<0.50	<0.50	--
<b>MW13</b>	<b>02/11/09</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>2.2</b>	f	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	--
MW14	12/18/08	<0.50	<0.50	<10		<0.50	<0.50	<0.50	--
<b>MW14</b>	<b>02/11/09</b>	<b>&lt;1.0</b>	<b>&lt;1.0</b>	<b>6.6</b>	f	<b>&lt;1.0</b>	<b>&lt;1.0</b>	<b>&lt;1.0</b>	--

Notes: Data through 2 August 2007 provided by Environmental Resolutions, Inc.  
All samples analyzed by EPA Method 8260B unless otherwise specified.

- a Well inaccessible.
- b Grab sample.
- c Groundwater elevation data invalidated; analytical results suspect.
- d Incorrect date recorded on the chain-of-custody form and/or laboratory analytical report. The correct date is shown.
- e Incorrect well monitored and sampled. Results invalidated.

TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES, FORMER EXXON RS 73567  
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Concentration (µg/L)						
		ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
f	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.							
1,2-DCA	1,2-dichloroethane.							
DIPE	Diisopropyl ether.							
EDB	1,2-dibromoethane.							
ETBE	Ethyl tertiary butyl ether.							
TAME	Tertiary amyl methyl ether.							
TBA	Tertiary butyl alcohol.							
µg/L	Micrograms per liter.							
--	Not analyzed/not applicable/not sampled/not measured.							

TABLE 4 GROUNDWATER MONITORING PLAN, FORMER EXXON RS 73567,  
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Groundwater Gauging Frequency	Groundwater Sampling and Analysis Frequency	
		BTEX and TPH-g	MTBE
MW1	Q	Q	Q
MW2	Q	Q	Q
MW3	Q	Q	Q
MW4	Q	Q	Q
MW5	Q	Q	Q
MW6	Q	Q	Q
MW7	Q	Q	Q
MW8	Q	Q	Q
MW9	Q	Q	Q
MW10	Q	Q	Q
MW11	Q	Q	Q
MW12	Q	Q	Q
MW13	Q	Q	Q
MW14	Q	Q	Q

Notes:

BTEX Benzene, toluene, ethylbenzene, and xylenes.  
 MTBE Methyl tertiary butyl ether.  
 Q Quarterly.  
 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**



MONITORING WELL DATA FORM

Engineering, Inc.

Client: Former ExxonMobil 73567

Date: 02/11/09

Project Number: UP3567

Station Number: 73567

Site Location:

3192 Santa Rita Road, Pleasanton

Samplers: ALEX, BILDER

MONITORING WELL NUMBER	DEPTH TO WATER (TOC)ft.	DEPTH TO PRODUCT (TOC)ft.	APPARENT PRODUCT THICKNESS(ft.)	AMOUNT OF PRODUCT REMOVED	WELL COMPLETION DEPTH	DEPTH TO BOTTOM (TOC)	WELL CASING DIAMETER
MW1	22.76				35.00	24.72	2"
MW2	27.60				35.00	35.25	2"
MW3	46.71				50.00	49.80	2"
MW4	47.25				50.00	49.85	2"
MW5	28.30				30.00	30.25	2"
MW6	48.32				53.00	52.31	2"
MW7	29.67				49.00	49.27	2"
MW8	45.76				70.00	67.45	2"
MW9	46.29					69.80	2"
MW10	46.47					66.35	2"
MW11	45.79					63.50	2"
MW12	42.83					67.65	2"
MW13	33.24					43.78	2"
MW14	36.74					38.40	2"

Project Name: FORMER EXXON 73567	Well No: MW1	Date: 02-11-09
Project No: UP3567	Personnel: ALBY	

**GAUGING DATA**  
 Water Level Measuring Method: WLM / IP PROBE      Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
		34.72	22.76	11.96	1	2	4	6	1.91
				0.04	0.16	0.64	1.44		

**PURGING DATA**  
 Purge Method: WATER / BAILER / SUB

Time	0823	0825	0827		
Volume Purge (gal)	2	4	6		
Temperature (C)	19.0	19.6	19.6		
pH	7.11	7.10	6.92		
Spec. Cond. (umhos)	1432	1476	1491		
Turbidity/Color	CLEAR / NONE	CLEAR / NONE	CLEAR / NONE		
Odor (Y/N)	N	N	N		
Casing Volumes	1	2	3		
Dewatered (Y/N)	N	N	N		

Comments/Observations:

**SAMPLING DATA**  
 Time Sampled: 0835      Approximate Depth to Water During Sampling: 23.0 (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, OXYS
MW1	2	Ambers	NONE	1L		TPH-D

Total Purge Volume: 6 (gallons)      Disposal: ROMIC

Weather Conditions: OK      BOLTS  / N

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

Well Head Conditions Requiring Correction: NONE      GROUT  / N

Problems Encountered During Purging and Sampling: NONE      WELL BOX  / N

Comments:      SECURED  / N



Project Name: FORMER EXXON 73567 Well No: MW2 Date: 02-11-09  
 Project No: UP3567 Personnel: ALX

**GAUGING DATA**

Water Level Measuring Method: WLM / IP PROBE Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
		35.25	27.60	7.65	1	2	4	6	1.22
				0.04	0.16	0.64	1.44		

**PURGING DATA**

Purge Method: WATERRA / BAILER / SUB

Time	1012	1014	1016		
Volume Purge (gal)	1.5	3	4.5		
Temperature (C)	18.2	19.4	18.8		
pH	6.68	7.00	7.09		
Spec. Cond. (umhos)	1728	1749	1720		
Turbidity/Color	CLEAR/NONE	CLEAR/NONE	CLEAR/NONE		
Odor (Y/N)	N	N	N		
Casing Volumes	1	2	3		
Dewatered (Y/N)	N	N	N		

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 1025 Approximate Depth to Water During Sampling: 28.0 (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, OXYS
MW2	2	Ambers	NONE	1L		TPH-D

Total Purge Volume: 4.5 (gallons) Disposal: ROMIC  
 Weather Conditions: OK BOLTS  / N  
 Condition of Well Box and Casing at Time of Sampling: OK LOCK & CAP  / N  
 Well Head Conditions Requiring Correction: NONE GROUT  / N  
 Problems Encountered During Purging and Sampling: NONE STRIPPED EATS WELL BOX  / N  
 Comments: SECURED  / N

Project Name: FORMER EXXON 73567 Well No: MW-3 Date: 02-11-09  
 Project No: UP3567 Personnel: ALEX

**GAUGING DATA**

Water Level Measuring Method: WLM / IP PROBE Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
	49.80	46.71	3.09	X 1	2	4	6	.49	148
				0.04	0.16	0.64	1.44		

**PURGING DATA**

Purge Method: WATERRA / BAILER / SUB

Time	0752	0757			
Volume Purge (gal)	.5	1	1.5		
Temperature (C)	16.3	16.5			
pH	6.80	6.85			
Spec. Cond. (umhos)	1831	1808			
Turbidity/Color	SILTY / BRN	SILTY / BRN			
Odor (Y/N)	N	N			
Casing Volumes	1	2	3		
Dewatered (Y/N)	N	N			

Comments/Observations: DEWATERED AT 1.25 GALLON

**SAMPLING DATA**

Time Sampled: 0810 Approximate Depth to Water During Sampling: 47.12 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW-3	6	Voa	HCL	40 ml		TPH-g, BTEX, OXYS
MW-3	2	Ambers	NONE	1L		TPH-D

Total Purge Volume: 1 (gallons) Disposal: ROMIC

Weather Conditions: OK BOLTS (Y) / N

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

Well Head Conditions Requiring Correction: NONE GROUT (Y) / N

Problems Encountered During Purging and Sampling: NONE WELL BOX (Y) / N

Comments: SECURED (Y) / N

Project Name: FORMER EXXON 73567 Well No: *MW4* Date: *02/11/09*  
 Project No: UP3567 Personnel: *T. SINDERS*

**GAUGING DATA**

Water Level Measuring Method: WLM / IP PROBE Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
	<i>49.85</i>	<i>47.25</i>	<i>2.60</i>	<i>X</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>0.41</i>
				0.04	0.16	0.64	1.44		

**PURGING DATA**

Purge Method: WATERRA / BAILER / SUB

Time	<i>0820</i>	<i>0823</i>	<i>0826</i>		
Volume Purge (gal)	<i>.50</i>	<i>1.00</i>	<i>1.50</i>		
Temperature (C)	<i>17.3</i>	<i>17.5</i>	<i>17.6</i>		
pH	<i>7.03</i>	<i>7.08</i>	<i>7.04</i>		
Spec. Cond. (umhos)	<i>1687</i>	<i>1685</i>	<i>1683</i>		
Turbidity/Color	<i>slty / BROWN</i>	<i>slty / BROWN</i>	<i>slty / BROWN</i>		
Odor (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>		
Casing Volumes	<i>1</i>	<i>2</i>	<i>3</i>		
Dewatered (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>		

Comments/Observations:

**SAMPLING DATA**

Time Sampled: *0850* Approximate Depth to Water During Sampling: *48* (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>MW4</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>		<i>TPH-g, BTEX, OXYS</i>
<i>MW4</i>	<i>2</i>	<i>Ambers</i>	<i>NONE</i>	<i>1L</i>		<i>TPH-D</i>

Total Purge Volume: *1.5* (gallons) Disposal: ROMIC

Weather Conditions: <i>ok</i>	BOLTS	<i>Y</i> / <i>N</i>
Condition of Well Box and Casing at Time of Sampling: <i>ok</i>	LOCK & CAP	<i>Y</i> / <i>N</i>
Well Head Conditions Requiring Correction: <i>N/WE</i>	GROUT	<i>Y</i> / <i>N</i>
Problems Encountered During Purging and Sampling: <i>N/WE</i>	WELL BOX	<i>Y</i> / <i>N</i>
Comments:	SECURED	<i>Y</i> / <i>N</i>

Project Name: FORMER EXXON 73567 Well No: MW5 Date: 02/11/09  
 Project No: UP3567 Personnel: FINDER

**GAUGING DATA**

Water Level Measuring Method: WLM / IP PROBE Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
		30.25	28.30	1.95	1 0.04	2 0.16	4 0.64	6 1.44	0.31

**PURGING DATA**

Purge Method: WATERRA / BAILER / SUB

Time	Volume Purge (gal)	Temperature (C)	pH	Spec. Cond. (umhos)	Turbidity/Color	Odor (Y/N)	Casing Volumes	Dewatered (Y/N)
0810	1.50	16.9	6.94	183.3	slightly CLEAR	N	1 2 3	N

Comments/Observations: DEWATERED at .75 GALLONS

**SAMPLING DATA**

Time Sampled: 0840 Approximate Depth to Water During Sampling: 29 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW5	6	Voa	HCL	40 ml		TPH-g, BTEX, OXYS
MW5	2	Ambers	NONE	1L		TPH-D

Total Purge Volume: .75 (gallons) Disposal: ROMIC

Weather Conditions: ok	BOLTS	Y / N
Condition of Well Box and Casing at Time of Sampling: ok	LOCK & CAP	Y / N
Well Head Conditions Requiring Correction: NONE	GROUT	Y / N
Problems Encountered During Purging and Sampling: NONE DEWATERED	WELL BOX	Y / N
Comments:	SECURED	Y / N

Project Name: FORMER EXXON 73567 Well No: MW6 Date: 02-11-09  
 Project No: UP3567 Personnel: AIX

**GAUGING DATA**  
 Water Level Measuring Method: WLM / IP PROBE Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter	Casing Volume (gal)	Total Purge Volume (gal)
	45.32 52.31	45.32	6.99	1 0.04 0.16 0.64 1.44	2 4 6	1.11 3.35

**PURGING DATA**  
 Purge Method: WATER / BAILER / SUB

Time	Volume Purge (gal)	Temperature (C)	pH	Spec. Cond. (umhos)	Turbidity/Color	Odor (Y/N)	Casing Volumes	Dewatered (Y/N)
0855	1.5	18.4	7.10	1930	SILTY / RAN	N	1	N
0858	3	18.2	7.12	2328	SILTY / RAN	N	2	N
0901	4.5	18.0	7.12	2411	SILTY / RAN	N	3	N

Comments/Observations:

**SAMPLING DATA**  
 Time Sampled: 0910 Approximate Depth to Water During Sampling: 46.0 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW6	6	Voa	HCL	40 ml		TPH-g, BTEX, OXYS
MW6	2	Ambers	NONE	1L		TPH-D

Total Purge Volume: 4.5 (gallons) Disposal: ROMIC  
 Weather Conditions: OK BOLTS  / N  
 Condition of Well Box and Casing at Time of Sampling: OK LOCK & CAP  / N  
 Well Head Conditions Requiring Correction: NONE GROUT  / N  
 Problems Encountered During Purging and Sampling: NONE WELL BOX  / N  
 Comments: SECURED  / N

Project Name: FORMER EXXON 73567 Well No: MW7 Date: 02-11-09  
 Project No: UP3567 Personnel: AKK

**GAUGING DATA**

Water Level Measuring Method: WLM / IP PROBE Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
		49.27	29.67	19.60	1	2	4	6	8.13
				0.04	0.16	0.64	1.44		

**PURGING DATA**

Purge Method: WATER / BAILER / SUB

Time	1101	1104	1107		
Volume Purge (gal)	3.5	7	10.5		
Temperature (C)	19.2	19.9	19.4		
pH	7.02	7.00	7.01		
Spec. Cond. (umhos)	1750	1772	1774		
Turbidity/Color	CLEAR/NONE	CLEAR/NONE	CLEAR/NONE		
Odor (Y/N)	N	N	N		
Casing Volumes	1	2	3		
Dewatered (Y/N)	N	N	N		

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 1115 Approximate Depth to Water During Sampling: 30.0 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW7	6	Voa	HCL	40 ml		TPH-g, BTEX, OXYS
MW7	2	Ambers	NONE	1L		TPH-D

Total Purge Volume: 10.5 (gallons) Disposal: ROMIC

Weather Conditions:	OK	BOLTS	<input checked="" type="radio"/> / N
Condition of Well Box and Casing at Time of Sampling:	OK	LOCK & CAP	<input checked="" type="radio"/> / N
Well Head Conditions Requiring Correction:	NONE	GROUT	<input checked="" type="radio"/> / N
Problems Encountered During Purging and Sampling:	NONE	WELL BOX	<input checked="" type="radio"/> / N
Comments:		SECURED	<input checked="" type="radio"/> / N

Project Name: FORMER EXXON 73567 Well No: MW 8 Date: 02-11-09  
 Project No: UP3567 Personnel: AWK

**GAUGING DATA**

Water Level Measuring Method: WLM / IP PROBE Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
				1	2	4	6		
	67.45	45.76	21.69	0.04	0.16	0.64	1.44	5.47	10.41

**PURGING DATA**

Purge Method: WATER / BAILER / SUB

Time	1038	1041	1044			
Volume Purge (gal)	3.5	7	10.5			
Temperature (C)	17.7	18.1	17.9			
pH	7.12	7.10	7.13			
Spec. Cond. (umhos)	2689	2736	2713			
Turbidity/Color	SILT / BRN	SILT / BRN	SILT / BRN			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 1050 Approximate Depth to Water During Sampling: 46 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW 8	6	Voa	HCL	40 ml		TPH-g, BTEX, OXYS
MW 8	2	Ambers	NONE	1L		TPH-D

Total Purge Volume: 10.5 (gallons) Disposal: ROMIC

Weather Conditions: OK BOLTS  / N

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

Well Head Conditions Requiring Correction: NONE GROUT  / N

Problems Encountered During Purging and Sampling: NONE STRIPPED OFF EARS WELL BOX  / N

Comments: SECURED  / N

Project Name: FORMER EXXON 73567 Well No: MW9 Date: 02/11/09  
 Project No: UP3567 Personnel: T. BINDER

**GAUGING DATA**

Water Level Measuring Method: WLM / IP PROBE Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
		69.80	46.29	23.51	1	2	4	6	376
				0.04	0.16	0.64	1.44		

**PURGING DATA**

Purge Method: WATERRA / BAILER / SUB

Time	1000	1004	1008			
Volume Purge (gal)	400	800	1200			
Temperature (C)	16.3	17.2	17.9			
pH	7.13	7.05	7.01			
Spec. Cond. (umhos)	2288	2314	2295			
Turbidity/Color	slty / 1300 ual	slty / 1300 ual	slty / 1300 ual			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 1015 Approximate Depth to Water During Sampling: 47 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW9	6	Voa	HCL	40 ml	/	TPH-g, BTEX, OXYS
MW9	2	Ambers	NONE	1L	/	TPH-D
					/	

Total Purge Volume: 12 (gallons) Disposal: ROMIC

Weather Conditions: OK BOLTS / N

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

Well Head Conditions Requiring Correction: none GROUT / N

Problems Encountered During Purging and Sampling: none WELL BOX / N

Comments: SECURED / N



Project Name: FORMER EXXON 73567 Well No: MW10 Date: 02/11/09  
 Project No: UP3567 Personnel: TSWDEF

**GAUGING DATA**

Water Level Measuring Method: WLM IP PROBE Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
		66.35	46.47	19.88	X 1	2	4	6	3.18
				0.04	0.16	0.64	1.44		

**PURGING DATA**

Purge Method: WATERRA / BAILER / SUB

Time	0927	0931	0935			
Volume Purge (gal)	3.50	7.00	10.50			
Temperature (C)	15.6	17.0	17.9			
pH	7.29	7.00	6.95			
Spec. Cond. (umhos)	2287	2362	2271			
Turbidity/Color	5147 BROWN	5147 BROWN	5147 BROWN			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 0940 Approximate Depth to Water During Sampling: 47. (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW10	6	Voa	HCL	40 ml		TPH-g, BTEX, OXYS
MW10	2	Ambers	NONE	1L		TPH-D

Total Purge Volume: 10.50 (gallons) Disposal: ROMIC

Weather Conditions: OK BOLTS (Y) / N

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

Well Head Conditions Requiring Correction: NONE GROUT (Y) / N

Problems Encountered During Purging and Sampling: NONE WELL BOX (Y) / N

Comments: SECURED Y / N

Project Name: FORMER EXXON 73567 Well No: MW11 Date: 02/11/09  
 Project No: UP3567 Personnel: TSW/DEP

**GAUGING DATA**

Water Level Measuring Method: WLM / IP PROBE Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
		63.50	45.79	17.71	X 1	2	4	6	2.83
				0.04	0.16	0.64	1.44		

**PURGING DATA**

Purge Method: WATERRA / BAILER / SUB

Time	10:15	10:48	10:52			
Volume Purge (gal)	3.00	6.00	9.00			
Temperature (C)	16.6	17.4	17.7			
pH	7.18	7.01	6.98			
Spec. Cond. (umhos)	2291	2302	2265			
Turbidity/Color	SI 0.4 / 1300 u/L	SI 0.4 / 1300 u/L	SI 0.4 / 1300 u/L			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 11:00 Approximate Depth to Water During Sampling: 46 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW11	6	Voa	HCL	40 ml		TPH-g, BTEX, OXYS
MW11	2	Ambers	NONE	1L		TPH-D

Total Purge Volume: 9 (gallons) Disposal: ROMIC

Weather Conditions: ok BOLTS / N

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

Well Head Conditions Requiring Correction: None GROUT / N

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

Comments: SECURED Y / N

Project Name: FORMER EXXON 73567 Well No: *MW12* Date: *02/11/09*  
 Project No: UP3567 Personnel: *JBL/DET*

**GAUGING DATA**

Water Level Measuring Method: WLM IP PROBE Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
		<i>67.65</i>	<i>46.83</i>	<i>20.82</i>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	4	6	<i>3.33</i>
				0.04	0.16	0.64	1.44		

**PURGING DATA**

Purge Method: WATER BAILER / SUB

Time	1128	1132	1136		
Volume Purge (gal)	<i>3.50</i>	<i>7.00</i>	<i>10.50</i>		
Temperature (C)	<i>16.5</i>	<i>17.3</i>	<i>17.7</i>		
pH	<i>7.12</i>	<i>7.03</i>	<i>7.00</i>		
Spec. Cond. (umhos)	<i>2240</i>	<i>2251</i>	<i>2238</i>		
Turbidity/Color	<i>Slight Brown</i>	<i>Slight Brown</i>	<i>Slight Clear</i>		
Odor (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>		
Casing Volumes	<i>1</i>	<i>2</i>	<i>3</i>		
Dewatered (Y/N)	<i>N</i>	<i>N</i>	<i>N</i>		

Comments/Observations:

**SAMPLING DATA**

Time Sampled: *1140* Approximate Depth to Water During Sampling: *47.* (feet)

Comments:

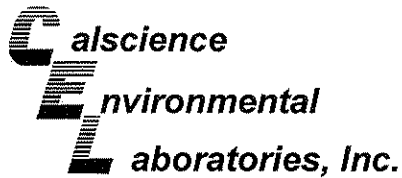
Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>MW12</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>		<i>TPH-g, BTEX, OXYS</i>
<i>MW12</i>	<i>2</i>	<i>Ambers</i>	<i>NONE</i>	<i>1L</i>		<i>TPH-D</i>

Total Purge Volume: *10.50* (gallons) Disposal: ROMIC

Weather Conditions: <i>OK</i>	BOLTS	<input checked="" type="checkbox"/> / <input type="checkbox"/> N
Condition of Well Box and Casing at Time of Sampling: <i>OK</i>	LOCK & CAP	<input checked="" type="checkbox"/> / <input type="checkbox"/> N
Well Head Conditions Requiring Correction: <i>NONE</i>	GROUT	<input checked="" type="checkbox"/> / <input type="checkbox"/> N
Problems Encountered During Purging and Sampling: <i>NONE</i>	WELL BOX	<input checked="" type="checkbox"/> / <input type="checkbox"/> N
Comments:	SECURED	<input checked="" type="checkbox"/> / <input type="checkbox"/> N

## **Appendix C**

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



February 26, 2009

Erik Appel  
ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Subject: **Calscience Work Order No.: 09-02-1190**  
Client Reference: **ExxonMobil 73567**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 2/12/2009 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

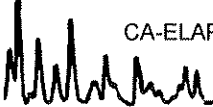
Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

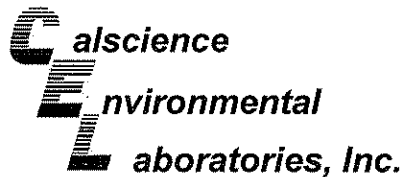
If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "Cecile deGuia".

Calscience Environmental  
Laboratories, Inc.  
Cecile deGuia  
Project Manager





## Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 3510C  
Method: EPA 8015B (M)

Project: ExxonMobil 73567

Page 1 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW1</b>	<b>09-02-1190-1-G</b>	<b>02/11/09 08:35</b>	<b>Aqueous</b>	<b>GC 27</b>	<b>02/13/09</b>	<b>02/17/09 12:34</b>	<b>090213B11</b>

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

-Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	50	47	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
Decachlorobiphenyl	96	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW2</b>	<b>09-02-1190-2-G</b>	<b>02/11/09 10:25</b>	<b>Aqueous</b>	<b>GC 27</b>	<b>02/13/09</b>	<b>02/17/09 12:52</b>	<b>090213B11</b>

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

-Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	50	47	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
Decachlorobiphenyl	104	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW3</b>	<b>09-02-1190-3-G</b>	<b>02/11/09 08:10</b>	<b>Aqueous</b>	<b>GC 27</b>	<b>02/13/09</b>	<b>02/17/09 01:10</b>	<b>090213B11</b>

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

-Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	50	47	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
Decachlorobiphenyl	94	68-140				

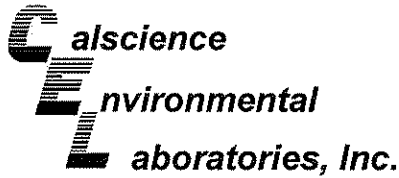
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW4</b>	<b>09-02-1190-4-G</b>	<b>02/11/09 08:50</b>	<b>Aqueous</b>	<b>GC 27</b>	<b>02/13/09</b>	<b>02/17/09 01:28</b>	<b>090213B11</b>

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

-Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	50	47	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
Decachlorobiphenyl	100	68-140				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 3510C  
Method: EPA 8015B (M)

Project: ExxonMobil 73567

Page 2 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW5	09-02-1190-5-G	02/11/09 08:40	Aqueous	GC 27	02/13/09	02/17/09 02:05	090213B11

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.  
-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	62	50	47	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
Decachlorobiphenyl	98	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW6	09-02-1190-6-G	02/11/09 09:10	Aqueous	GC 27	02/13/09	02/17/09 02:23	090213B11

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.  
-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	50	47	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
Decachlorobiphenyl	97	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW7	09-02-1190-7-G	02/11/09 11:15	Aqueous	GC 27	02/13/09	02/17/09 02:41	090213B11

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.  
-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	50	47	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
Decachlorobiphenyl	102	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW8	09-02-1190-8-G	02/11/09 10:50	Aqueous	GC 27	02/13/09	02/17/09 10:10	090213B11

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.  
-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	50	47	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
Decachlorobiphenyl	89	68-140				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

## Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 3510C  
Method: EPA 8015B (M)

Project: ExxonMobil 73567

Page 3 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW9</b>	<b>09-02-1190-9-G</b>	<b>02/11/09 10:15</b>	<b>Aqueous</b>	<b>GC 27</b>	<b>02/13/09</b>	<b>02/17/09 03:17</b>	<b>090213B11</b>

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

-Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	50	47	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
Decachlorobiphenyl	91	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW10</b>	<b>09-02-1190-10-G</b>	<b>02/11/09 09:40</b>	<b>Aqueous</b>	<b>GC 27</b>	<b>02/13/09</b>	<b>02/17/09 03:36</b>	<b>090213B11</b>

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

-Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	50	47	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
Decachlorobiphenyl	93	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW11</b>	<b>09-02-1190-11-G</b>	<b>02/11/09 11:00</b>	<b>Aqueous</b>	<b>GC 27</b>	<b>02/13/09</b>	<b>02/17/09 10:29</b>	<b>090213B11</b>

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

-Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	50	47	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
Decachlorobiphenyl	88	68-140				

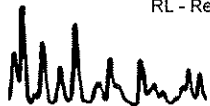
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW12</b>	<b>09-02-1190-12-G</b>	<b>02/11/09 11:40</b>	<b>Aqueous</b>	<b>GC 27</b>	<b>02/13/09</b>	<b>02/17/09 04:12</b>	<b>090213B11</b>

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

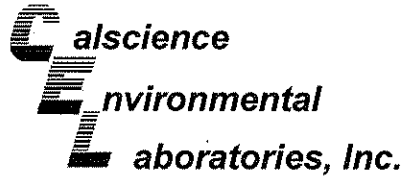
-Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	50	47	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
Decachlorobiphenyl	94	68-140				

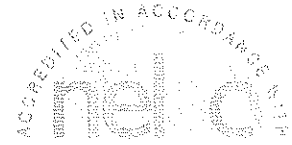
RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers







## Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 3510C  
Method: EPA 8015B (M)

Project: ExxonMobil 73567

Page 4 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW13</b>	<b>09-02-1190-13-G</b>	<b>02/11/09 11:50</b>	<b>Aqueous</b>	<b>GC 27</b>	<b>02/13/09</b>	<b>02/17/09 10:47</b>	<b>090213B11</b>

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

-Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	50	47	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
Decachlorobiphenyl	85	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW14</b>	<b>09-02-1190-14-G</b>	<b>02/11/09 09:05</b>	<b>Aqueous</b>	<b>GC 27</b>	<b>02/13/09</b>	<b>02/17/09 04:48</b>	<b>090213B11</b>

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

-Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

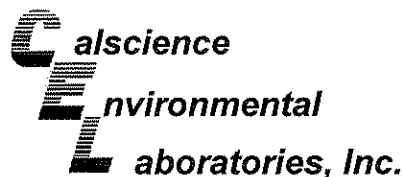
Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	50	47	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
Decachlorobiphenyl	94	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>099-12-330-953</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC 27</b>	<b>02/13/09</b>	<b>02/16/09 11:21</b>	<b>090213B11</b>

Comment(s): -Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	50	47	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
Decachlorobiphenyl	87	68-140				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8015B (M)

Project: ExxonMobil 73567

Page 1 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW1</b>	<b>09-02-1190-1-E</b>	<b>02/11/09 08:35</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>02/16/09</b>	<b>02/16/09 21:42</b>	<b>090216B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	82	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW2</b>	<b>09-02-1190-2-E</b>	<b>02/11/09 10:25</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>02/16/09</b>	<b>02/16/09 22:16</b>	<b>090216B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	81	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW3</b>	<b>09-02-1190-3-E</b>	<b>02/11/09 08:10</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>02/16/09</b>	<b>02/16/09 22:50</b>	<b>090216B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

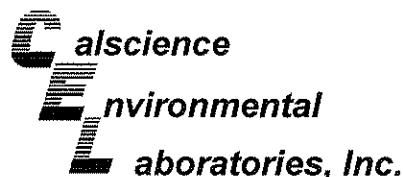
Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	82	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW4</b>	<b>09-02-1190-4-E</b>	<b>02/11/09 08:50</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>02/16/09</b>	<b>02/16/09 23:24</b>	<b>090216B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	81	38-134				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8015B (M)

Project: ExxonMobil 73567

Page 2 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW5</b>	<b>09-02-1190-5-E</b>	<b>02/11/09 08:40</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>02/16/09</b>	<b>02/16/09 23:58</b>	<b>090216B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	81	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW6</b>	<b>09-02-1190-6-E</b>	<b>02/11/09 09:10</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>02/17/09</b>	<b>02/17/09 07:59</b>	<b>090217B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	80	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW7</b>	<b>09-02-1190-7-E</b>	<b>02/11/09 11:15</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>02/16/09</b>	<b>02/17/09 00:32</b>	<b>090216B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

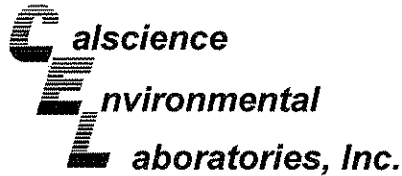
Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	80	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW8</b>	<b>09-02-1190-8-E</b>	<b>02/11/09 10:50</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>02/16/09</b>	<b>02/17/09 01:07</b>	<b>090216B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	81	38-134				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8015B (M)

Project: ExxonMobil 73567

Page 3 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW9</b>	<b>09-02-1190-9-E</b>	<b>02/11/09 10:15</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>02/16/09</b>	<b>02/17/09 01:41</b>	<b>090216B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	81	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW10</b>	<b>09-02-1190-10-E</b>	<b>02/11/09 09:40</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>02/16/09</b>	<b>02/17/09 02:15</b>	<b>090216B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	82	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW11</b>	<b>09-02-1190-11-E</b>	<b>02/11/09 11:00</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>02/16/09</b>	<b>02/17/09 02:50</b>	<b>090216B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

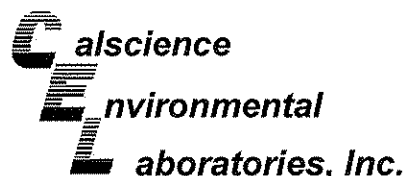
Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	80	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW12</b>	<b>09-02-1190-12-E</b>	<b>02/11/09 11:40</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>02/17/09</b>	<b>02/17/09 08:33</b>	<b>090217B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	79	38-134				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8015B (M)

Project: ExxonMobil 73567

Page 4 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW13</b>	<b>09-02-1190-13-E</b>	<b>02/11/09 11:50</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>02/17/09</b>	<b>02/17/09 09:07</b>	<b>090217B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	80	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW14</b>	<b>09-02-1190-14-E</b>	<b>02/11/09 09:05</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>02/17/09</b>	<b>02/17/09 09:42</b>	<b>090217B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	80	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>099-12-436-2,860</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>02/16/09</b>	<b>02/16/09 12:34</b>	<b>090216B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

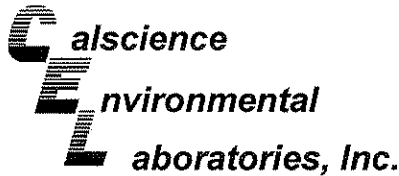
Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	79	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>099-12-436-2,861</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>02/17/09</b>	<b>02/17/09 05:07</b>	<b>090217B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	80	38-134				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8021B  
Units: ug/L

Project: ExxonMobil 73567

Page 1 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW1	09-02-1190-1-D	02/11/09 08:35	Aqueous	GC 8	02/16/09	02/16/09 16:07	090216B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		Ethylbenzene	ND	0.50	0.17	1	
Toluene	ND	0.50	0.17	1		Xylenes (total)	ND	1.0	0.26	1	
Surrogates:	REC (%)	Control Limits			Qual						
1,4-Bromofluorobenzene	108	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW2	09-02-1190-2-D	02/11/09 10:25	Aqueous	GC 8	02/16/09	02/16/09 16:41	090216B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		Ethylbenzene	ND	0.50	0.17	1	
Toluene	ND	0.50	0.17	1		Xylenes (total)	ND	1.0	0.26	1	
Surrogates:	REC (%)	Control Limits			Qual						
1,4-Bromofluorobenzene	109	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW3	09-02-1190-3-D	02/11/09 08:10	Aqueous	GC 8	02/16/09	02/16/09 17:15	090216B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

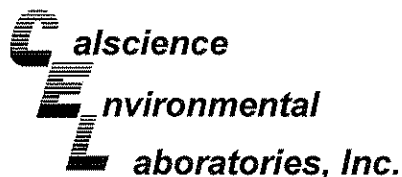
Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		Ethylbenzene	ND	0.50	0.17	1	
Toluene	ND	0.50	0.17	1		Xylenes (total)	ND	1.0	0.26	1	
Surrogates:	REC (%)	Control Limits			Qual						
1,4-Bromofluorobenzene	112	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW4	09-02-1190-4-D	02/11/09 08:50	Aqueous	GC 8	02/16/09	02/16/09 17:49	090216B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		Ethylbenzene	ND	0.50	0.17	1	
Toluene	ND	0.50	0.17	1		Xylenes (total)	ND	1.0	0.26	1	
Surrogates:	REC (%)	Control Limits			Qual						
1,4-Bromofluorobenzene	110	70-130									

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8021B  
Units: ug/L

Project: ExxonMobil 73567

Page 2 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW5</b>	<b>09-02-1190-5-D</b>	<b>02/11/09 08:40</b>	<b>Aqueous</b>	<b>GC 8</b>	<b>02/16/09</b>	<b>02/16/09 18:23</b>	<b>090216B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		Ethylbenzene	ND	0.50	0.17	1	
Toluene	ND	0.50	0.17	1		Xylenes (total)	ND	1.0	0.26	1	
Surrogates:	REC (%)	Control Limits			Qual						
1,4-Bromofluorobenzene	108	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW6</b>	<b>09-02-1190-6-D</b>	<b>02/11/09 09:10</b>	<b>Aqueous</b>	<b>GC 8</b>	<b>02/16/09</b>	<b>02/16/09 18:57</b>	<b>090216B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		Ethylbenzene	ND	0.50	0.17	1	
Toluene	ND	0.50	0.17	1		Xylenes (total)	ND	1.0	0.26	1	
Surrogates:	REC (%)	Control Limits			Qual						
1,4-Bromofluorobenzene	108	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW7</b>	<b>09-02-1190-7-D</b>	<b>02/11/09 11:15</b>	<b>Aqueous</b>	<b>GC 8</b>	<b>02/16/09</b>	<b>02/16/09 19:31</b>	<b>090216B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

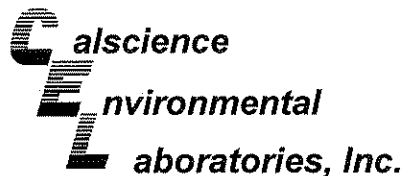
Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		Ethylbenzene	ND	0.50	0.17	1	
Toluene	ND	0.50	0.17	1		Xylenes (total)	0.33	1.0	0.26	1	J,Z
Surrogates:	REC (%)	Control Limits			Qual						
1,4-Bromofluorobenzene	106	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW8</b>	<b>09-02-1190-8-D</b>	<b>02/11/09 10:50</b>	<b>Aqueous</b>	<b>GC 8</b>	<b>02/16/09</b>	<b>02/16/09 21:46</b>	<b>090216B01</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		Ethylbenzene	ND	0.50	0.17	1	
Toluene	ND	0.50	0.17	1		Xylenes (total)	ND	1.0	0.26	1	
Surrogates:	REC (%)	Control Limits			Qual						
1,4-Bromofluorobenzene	112	70-130									

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8021B  
Units: ug/L

Project: ExxonMobil 73567

Page 3 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW9	09-02-1190-9-D	02/11/09 10:15	Aqueous	GC 8	02/16/09	02/16/09 22:20	090216B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		Ethylbenzene	ND	0.50	0.17	1	
Toluene	ND	0.50	0.17	1		Xylenes (total)	ND	1.0	0.26	1	
Surrogates:	REC (%)	Control Limits			Qual						
1,4-Bromofluorobenzene	109	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW10	09-02-1190-10-D	02/11/09 09:40	Aqueous	GC 8	02/16/09	02/17/09 08:29	090216B02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.14	0.50	0.14	1	J,Z	Ethylbenzene	0.19	0.50	0.17	1	J
Toluene	0.20	0.50	0.17	1	J,Z	Xylenes (total)	0.50	1.0	0.26	1	J
Surrogates:	REC (%)	Control Limits			Qual						
1,4-Bromofluorobenzene	108	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW11	09-02-1190-11-D	02/11/09 11:00	Aqueous	GC 8	02/16/09	02/17/09 09:03	090216B02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.20	0.50	0.14	1	J,Z	Ethylbenzene	0.34	0.50	0.17	1	J
Toluene	0.27	0.50	0.17	1	J	Xylenes (total)	1.3	1.0	0.26	1	Z
Surrogates:	REC (%)	Control Limits			Qual						
1,4-Bromofluorobenzene	106	70-130									

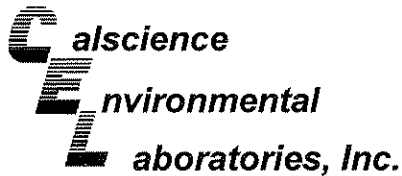
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW12	09-02-1190-12-D	02/11/09 11:40	Aqueous	GC 8	02/16/09	02/17/09 09:37	090216B02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

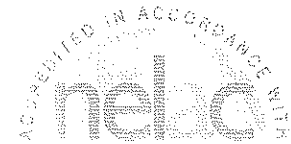
Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.23	0.50	0.14	1	J,Z	Ethylbenzene	ND	0.50	0.17	1	
Toluene	0.49	0.50	0.17	1	J	Xylenes (total)	0.32	1.0	0.26	1	J,Z
Surrogates:	REC (%)	Control Limits			Qual						
1,4-Bromofluorobenzene	106	70-130									

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





## Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8021B  
Units: ug/L

Project: ExxonMobil 73567

Page 4 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW13	09-02-1190-13-D	02/11/09 11:50	Aqueous	GC 8	02/16/09	02/17/09 10:10	090216B02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.19	0.50	0.14	1	J,Z	Ethylbenzene	ND	0.50	0.17	1	
Toluene	0.38	0.50	0.17	1	J	Xylenes (total)	0.42	1.0	0.26	1	J
Surrogates:	REC (%)	Control			Qual						
		Limits									
1,4-Bromofluorobenzene	108	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW14	09-02-1190-14-D	02/11/09 09:05	Aqueous	GC 8	02/16/09	02/17/09 10:44	090216B02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.16	0.50	0.14	1	J,Z	Ethylbenzene	ND	0.50	0.17	1	
Toluene	0.29	0.50	0.17	1	J	Xylenes (total)	0.28	1.0	0.26	1	J,Z
Surrogates:	REC (%)	Control			Qual						
		Limits									
1,4-Bromofluorobenzene	107	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-667-339	N/A	Aqueous	GC 8	02/16/09	02/16/09 11:23	090216B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

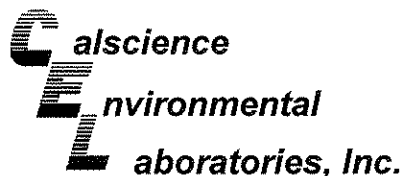
Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		Ethylbenzene	ND	0.50	0.17	1	
Toluene	ND	0.50	0.17	1		Xylenes (total)	ND	1.0	0.26	1	
Surrogates:	REC (%)	Control			Qual						
		Limits									
1,4-Bromofluorobenzene	116	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-667-340	N/A	Aqueous	GC 8	02/16/09	02/17/09 06:13	090216B02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		Ethylbenzene	ND	0.50	0.17	1	
Toluene	ND	0.50	0.17	1		Xylenes (total)	ND	1.0	0.26	1	
Surrogates:	REC (%)	Control			Qual						
		Limits									
1,4-Bromofluorobenzene	111	70-130									

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

Project: ExxonMobil 73567

Page 1 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW1	09-02-1190-1-A	02/11/09 08:35	Aqueous	GC/MS Q	02/23/09	02/23/09 20:25	090223L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	2.6	0.50	0.067	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	38	10	2.1	1							
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Limits			Qual
1,2-Dichloroethane-d4	135	73-157				Dibromofluoromethane	128	82-142			
Toluene-d8	96	82-112				1,4-Bromofluorobenzene	78	75-105			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW2	09-02-1190-2-A	02/11/09 10:25	Aqueous	GC/MS Q	02/23/09	02/23/09 20:57	090223L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

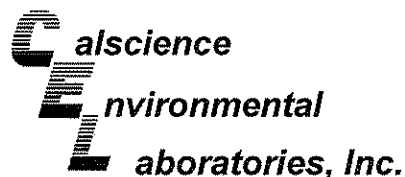
Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	1.0	0.50	0.067	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	2.2	10	2.1	1	J						
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Limits			Qual
1,2-Dichloroethane-d4	138	73-157				Dibromofluoromethane	133	82-142			
Toluene-d8	97	82-112				1,4-Bromofluorobenzene	76	75-105			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW3	09-02-1190-3-B	02/11/09 08:10	Aqueous	GC/MS U	02/24/09	02/25/09 04:46	090224L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	28	0.50	0.067	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	31	10	2.1	1							
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Limits			Qual
1,2-Dichloroethane-d4	122	73-157				Dibromofluoromethane	121	82-142			
Toluene-d8	105	82-112				1,4-Bromofluorobenzene	82	75-105			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

Project: ExxonMobil 73567

Page 2 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW4	09-02-1190-4-A	02/11/09 08:50	Aqueous	GC/MS Q	02/23/09	02/23/09 22:00	090223L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	6.2	0.50	0.067	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	2.2	10	2.1	1	J						
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	I Limits			Qual
1,2-Dichloroethane-d4	133	73-157				Dibromofluoromethane	132	82-142			
Toluene-d8	97	82-112				1,4-Bromofluorobenzene	77	75-105			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW5	09-02-1190-5-B	02/11/09 08:40	Aqueous	GC/MS U	02/24/09	02/25/09 05:16	090224L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

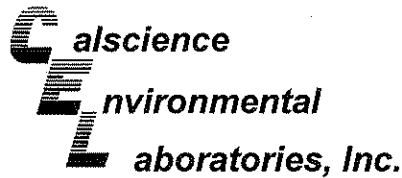
Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	3.1	0.50	0.067	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	ND	10	2.1	1							
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	I Limits			Qual
1,2-Dichloroethane-d4	101	73-157				Dibromofluoromethane	107	82-142			
Toluene-d8	106	82-112				1,4-Bromofluorobenzene	82	75-105			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW6	09-02-1190-6-B	02/11/09 09:10	Aqueous	GC/MS U	02/24/09	02/25/09 05:47	090224L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	0.31	0.50	0.067	1	J	Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	ND	10	2.1	1							
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	I Limits			Qual
1,2-Dichloroethane-d4	105	73-157				Dibromofluoromethane	110	82-142			
Toluene-d8	105	82-112				1,4-Bromofluorobenzene	81	75-105			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

Project: ExxonMobil 73567

Page 3 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW7</b>	<b>09-02-1190-7-B</b>	<b>02/11/09 11:15</b>	<b>Aqueous</b>	<b>GC/MS U</b>	<b>02/24/09</b>	<b>02/25/09 06:17</b>	<b>090224L02</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	3.3	0.50	0.067	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	ND	10	2.1	1							
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	I Limits			Qual
1,2-Dichloroethane-d4	126	73-157				Dibromofluoromethane	125	82-142			
Toluene-d8	108	82-112				1,4-Bromofluorobenzene	79	75-105			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW8</b>	<b>09-02-1190-8-B</b>	<b>02/11/09 10:50</b>	<b>Aqueous</b>	<b>GC/MS U</b>	<b>02/24/09</b>	<b>02/25/09 06:48</b>	<b>090224L02</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.067	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	ND	10	2.1	1							
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	I Limits			Qual
1,2-Dichloroethane-d4	104	73-157				Dibromofluoromethane	114	82-142			
Toluene-d8	108	82-112				1,4-Bromofluorobenzene	82	75-105			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW9</b>	<b>09-02-1190-9-A</b>	<b>02/11/09 10:15</b>	<b>Aqueous</b>	<b>GC/MS Q</b>	<b>02/23/09</b>	<b>02/23/09 14:38</b>	<b>090223L01</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.067	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	ND	10	2.1	1							
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	I Limits			Qual
1,2-Dichloroethane-d4	145	73-157				Dibromofluoromethane	138	82-142			
Toluene-d8	99	82-112				1,4-Bromofluorobenzene	74	75-105			2

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

## Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

Project: ExxonMobil 73567

Page 4 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW10</b>	<b>09-02-1190-10-B</b>	<b>02/11/09 09:40</b>	<b>Aqueous</b>	<b>GC/MS U</b>	<b>02/24/09</b>	<b>02/25/09 07:18</b>	<b>090224L02</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	0.076	0.50	0.067	1	J	Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	ND	10	2.1	1							
<b>Surrogates:</b>	<b>REC (%)</b>	<b>Control Limits</b>			<b>Qual</b>	<b>Surrogates:</b>	<b>REC (%)</b>	<b>Limits</b>			<b>Qual</b>
1,2-Dichloroethane-d4	112	73-157				Dibromofluoromethane	110	82-142			
Toluene-d8	107	82-112				1,4-Bromofluorobenzene	80	75-105			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW11</b>	<b>09-02-1190-11-B</b>	<b>02/11/09 11:00</b>	<b>Aqueous</b>	<b>GC/MS U</b>	<b>02/24/09</b>	<b>02/25/09 07:49</b>	<b>090224L02</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

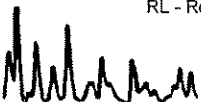
Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	0.070	0.50	0.067	1	J	Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	ND	10	2.1	1							
<b>Surrogates:</b>	<b>REC (%)</b>	<b>Control Limits</b>			<b>Qual</b>	<b>Surrogates:</b>	<b>REC (%)</b>	<b>Limits</b>			<b>Qual</b>
1,2-Dichloroethane-d4	132	73-157				Dibromofluoromethane	130	82-142			
Toluene-d8	108	82-112				1,4-Bromofluorobenzene	82	75-105			

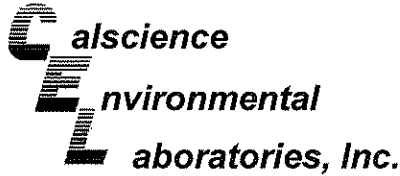
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW12</b>	<b>09-02-1190-12-B</b>	<b>02/11/09 11:40</b>	<b>Aqueous</b>	<b>GC/MS U</b>	<b>02/24/09</b>	<b>02/25/09 08:19</b>	<b>090224L02</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	0.13	0.50	0.067	1	J	Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	ND	10	2.1	1							
<b>Surrogates:</b>	<b>REC (%)</b>	<b>Control Limits</b>			<b>Qual</b>	<b>Surrogates:</b>	<b>REC (%)</b>	<b>Limits</b>			<b>Qual</b>
1,2-Dichloroethane-d4	126	73-157				Dibromofluoromethane	124	82-142			
Toluene-d8	107	82-112				1,4-Bromofluorobenzene	81	75-105			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

Project: ExxonMobil 73567

Page 5 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW13</b>	<b>09-02-1190-13-B</b>	<b>02/11/09 11:50</b>	<b>Aqueous</b>	<b>GC/MS U</b>	<b>02/24/09</b>	<b>02/25/09 08:50</b>	<b>090224L02</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	6.3	0.50	0.067	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	2.2	10	2.1	1	J						
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Limits			Qual
1,2-Dichloroethane-d4	130	73-157				Dibromofluoromethane	130	82-142			
Toluene-d8	110	82-112				1,4-Bromofluorobenzene	81	75-105			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW14</b>	<b>09-02-1190-14-B</b>	<b>02/11/09 09:05</b>	<b>Aqueous</b>	<b>GC/MS U</b>	<b>02/24/09</b>	<b>02/25/09 09:21</b>	<b>090224L02</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

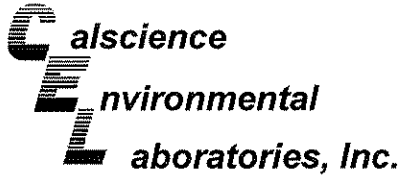
Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	1.0	0.25	2		Diisopropyl Ether (DIPE)	ND	1.0	0.057	2	
1,2-Dichloroethane	ND	1.0	0.16	2		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	0.071	2	
Methyl-t-Butyl Ether (MTBE)	34	1.0	0.13	2		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	0.060	2	
Tert-Butyl Alcohol (TBA)	6.6	20	4.2	2	J						
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Limits			Qual
1,2-Dichloroethane-d4	116	73-157				Dibromofluoromethane	116	82-142			
Toluene-d8	104	82-112				1,4-Bromofluorobenzene	84	75-105			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>099-10-025-844</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC/MS Q</b>	<b>02/23/09</b>	<b>02/23/09 13:35</b>	<b>090223L01</b>

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.067	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	ND	10	2.1	1							
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Limits			Qual
1,2-Dichloroethane-d4	129	73-157				Dibromofluoromethane	129	82-142			
Toluene-d8	96	82-112				1,4-Bromofluorobenzene	75	75-105			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

Project: ExxonMobil 73567

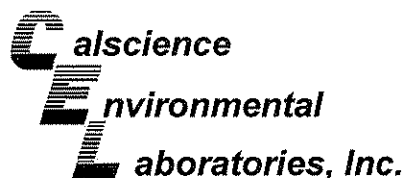
Page 6 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-10-025-850	N/A	Aqueous	GC/MS U	02/24/09	02/25/09 01:42	090224L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.067	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	ND	10	2.1	1							
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Limits			Qual
1,2-Dichloroethane-d4	114	73-157				Dibromofluoromethane	116	82-142			
Toluene-d8	105	82-112				1,4-Bromofluorobenzene	83	75-105			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate



ETIC Engineering, Inc.  
 2285 Morello Avenue  
 Pleasant Hill, CA 94523-1850

Date Received: 02/12/09  
 Work Order No: 09-02-1190  
 Preparation: EPA 5030B  
 Method: EPA 8015B (M)

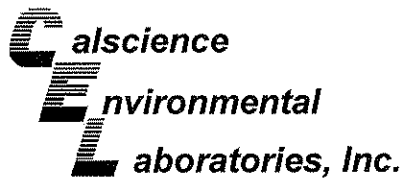
Project ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-02-0970-6	Aqueous	GC 25	02/16/09	02/16/09	090216S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	107	106	68-122	1	0-18	

RPD - Relative Percent Difference, CL - Control Limit





Quality Control - Spike/Spike Duplicate



ETIC Engineering, Inc.  
 2285 Morello Avenue  
 Pleasant Hill, CA 94523-1850

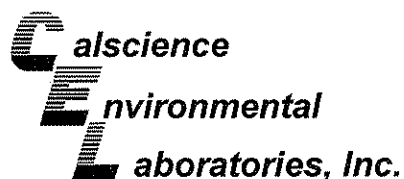
Date Received: 02/12/09  
 Work Order No: 09-02-1190  
 Preparation: EPA 5030B  
 Method: EPA 8015B (M)

Project ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW6	Aqueous	GC 25	02/17/09	02/17/09	090217S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	96	98	68-122	2	0-18	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - Spike/Spike Duplicate



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

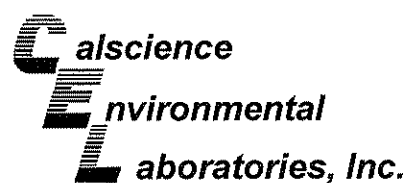
Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8021B

Project ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-02-0596-1	Aqueous	GC 8	02/16/09	02/16/09	090216S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	111	114	57-129	3	0-23	
Toluene	108	106	50-134	2	0-26	
Ethylbenzene	112	111	58-130	1	0-26	
p/m-Xylene	117	116	58-130	1	0-28	
o-Xylene	109	108	57-123	1	0-26	
Methyl-t-Butyl Ether (MTBE)	115	115	44-134	0	0-27	

RPD - Relative Percent Difference, CL - Control Limit



## Quality Control - Spike/Spike Duplicate



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

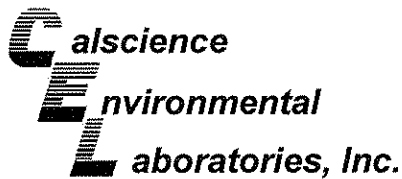
Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8021B

Project ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW14	Aqueous	GC 8	02/16/09	02/17/09	090216S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	111	112	57-129	1	0-23	
Toluene	106	105	50-134	1	0-26	
Ethylbenzene	113	113	58-130	0	0-26	
p/m-Xylene	116	116	58-130	0	0-28	
o-Xylene	109	109	57-123	0	0-26	
Methyl-t-Butyl Ether (MTBE)	103	107	44-134	3	0-27	3

RPD - Relative Percent Difference, CL - Control Limit



## Quality Control - Spike/Spike Duplicate



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

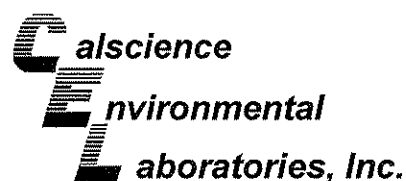
Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8260B

Project ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW9	Aqueous	GC/MS Q	02/23/09	02/23/09	090223S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	111	112	86-122	1	0-8	
Carbon Tetrachloride	111	114	78-138	3	0-9	
Chlorobenzene	111	111	90-120	1	0-9	
1,2-Dibromoethane	112	116	70-130	3	0-30	
1,2-Dichlorobenzene	101	104	89-119	3	0-10	
1,1-Dichloroethene	112	111	52-142	1	0-23	
Ethylbenzene	116	117	70-130	1	0-30	
Toluene	113	113	85-127	0	0-12	
Trichloroethene	105	106	78-126	1	0-10	
Vinyl Chloride	101	106	56-140	4	0-21	
Methyl-t-Butyl Ether (MTBE)	102	106	64-136	4	0-28	
Tert-Butyl Alcohol (TBA)	109	104	27-183	5	0-60	
Diisopropyl Ether (DIPE)	105	98	78-126	7	0-16	
Ethyl-t-Butyl Ether (ETBE)	90	94	67-133	4	0-21	
Tert-Amyl-Methyl Ether (TAME)	107	110	63-141	4	0-21	
Ethanol	111	114	11-167	2	0-64	

RPD - Relative Percent Difference, CL - Control Limit



## Quality Control - Spike/Spike Duplicate



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

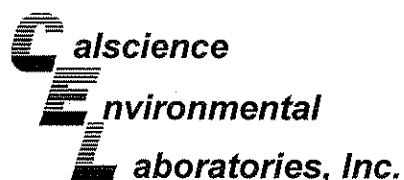
Date Received: 02/12/09  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8260B

Project ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-02-1364-5	Aqueous	GC/MS U	02/24/09	02/25/09	090224502

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	104	121	86-122	15	0-8	4
Carbon Tetrachloride	115	117	78-138	2	0-9	
Chlorobenzene	103	105	90-120	2	0-9	
1,2-Dibromoethane	100	100	70-130	0	0-30	
1,2-Dichlorobenzene	97	99	89-119	2	0-10	
1,1-Dichloroethene	112	105	52-142	6	0-23	
Ethylbenzene	109	112	70-130	2	0-30	
Toluene	110	115	85-127	5	0-12	
Trichloroethene	96	101	78-126	5	0-10	
Vinyl Chloride	109	110	56-140	1	0-21	
Methyl-t-Butyl Ether (MTBE)	52	109	64-136	71	0-28	3,4
Tert-Butyl Alcohol (TBA)	104	108	27-183	4	0-60	
Diisopropyl Ether (DIPE)	107	105	78-126	3	0-16	
Ethyl-t-Butyl Ether (ETBE)	115	104	67-133	10	0-21	
Tert-Amyl-Methyl Ether (TAME)	99	104	63-141	5	0-21	
Ethanol	80	100	11-167	22	0-64	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate



ETIC Engineering, Inc.  
 2285 Morello Avenue  
 Pleasant Hill, CA 94523-1850

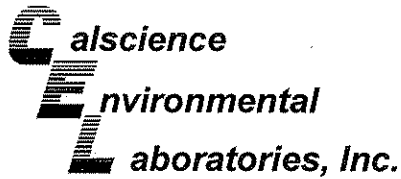
Date Received: N/A  
 Work Order No: 09-02-1190  
 Preparation: EPA 3510C  
 Method: EPA 8015B (M)

Project: ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-330-953	Aqueous	GC 27	02/13/09	02/16/09	090213B11

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	100	99	75-117	0	0-13	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate



ETIC Engineering, Inc.  
 2285 Morello Avenue  
 Pleasant Hill, CA 94523-1850

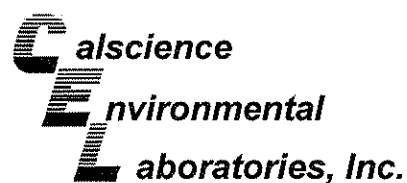
Date Received: N/A  
 Work Order No: 09-02-1190  
 Preparation: EPA 5030B  
 Method: EPA 8015B (M)

Project: ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-2,860	Aqueous	GC 25	02/16/09	02/16/09	090216B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	111	113	78-120	2	0-10	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: N/A  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8015B (M)

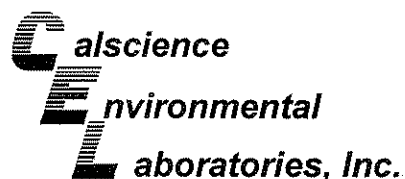
Project: ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-2,861	Aqueous	GC 25	02/17/09	02/17/09	090217B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	110	107	78-120	3	0-10	

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - LCS/LCS Duplicate



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

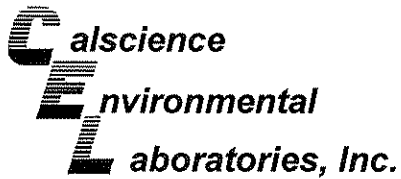
Date Received: N/A  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8021B

Project: ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-667-339	Aqueous	GC 8	02/16/09	02/16/09	090216B01

<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Benzene	106	111	70-118	5	0-9	
Toluene	98	104	66-114	6	0-9	
Ethylbenzene	104	110	72-114	5	0-9	
p/m-Xylene	108	114	74-116	6	0-9	
o-Xylene	101	107	72-114	5	0-9	
Methyl-t-Butyl Ether (MTBE)	110	115	41-137	5	0-13	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

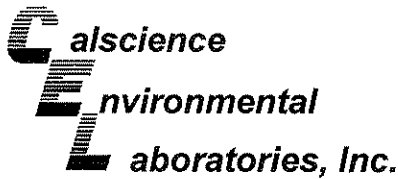
Date Received: N/A  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8021B

Project: ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-667-340	Aqueous	GC 8	02/16/09	02/17/09	090216B02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	107	101	70-118	5	0-9	
Toluene	100	95	66-114	5	0-9	
Ethylbenzene	102	97	72-114	5	0-9	
p/m-Xylene	108	101	74-116	8	0-9	
o-Xylene	101	96	72-114	5	0-9	
Methyl-t-Butyl Ether (MTBE)	108	107	41-137	1	0-13	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: N/A  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8260B

Project: ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-10-025-844	Aqueous	GC/MS Q	02/23/09	02/23/09	090223L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	110	109	87-117	82-122	1	0-7	
Carbon Tetrachloride	111	111	78-132	69-141	0	0-8	
Chlorobenzene	109	108	88-118	83-123	1	0-8	
1,2-Dibromoethane	107	107	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	100	101	88-118	83-123	0	0-8	
1,1-Dichloroethene	111	112	71-131	61-141	1	0-14	
Ethylbenzene	117	115	80-120	73-127	1	0-20	
Toluene	113	109	85-127	78-134	3	0-7	
Trichloroethene	109	105	85-121	79-127	4	0-11	
Vinyl Chloride	109	107	64-136	52-148	2	0-10	
Methyl-t-Butyl Ether (MTBE)	98	99	67-133	56-144	1	0-16	
Tert-Butyl Alcohol (TBA)	106	102	34-154	14-174	4	0-19	
Diisopropyl Ether (DIPE)	98	91	80-122	73-129	8	0-8	
Ethyl-t-Butyl Ether (ETBE)	89	91	73-127	64-136	2	0-11	
Tert-Amyl-Methyl Ether (TAME)	102	102	69-135	58-146	1	0-12	
Ethanol	119	107	34-124	19-139	10	0-44	

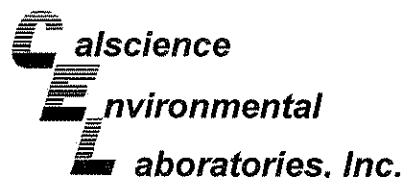
Total number of LCS compounds : 16

Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



ETIC Engineering, Inc.  
2285 Morello Avenue  
Pleasant Hill, CA 94523-1850

Date Received: N/A  
Work Order No: 09-02-1190  
Preparation: EPA 5030B  
Method: EPA 8260B

Project: ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-10-025-850	Aqueous	GC/MS U	02/24/09	02/24/09	090224L02		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	102	100	87-117	82-122	3	0-7	
Carbon Tetrachloride	113	109	78-132	69-141	4	0-8	
Chlorobenzene	100	97	88-118	83-123	3	0-8	
1,2-Dibromoethane	96	96	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	97	95	88-118	83-123	3	0-8	
1,1-Dichloroethene	112	109	71-131	61-141	3	0-14	
Ethylbenzene	106	104	80-120	73-127	2	0-20	
Toluene	107	104	85-127	78-134	3	0-7	
Trichloroethene	107	106	85-121	79-127	0	0-11	
Vinyl Chloride	113	106	64-136	52-148	6	0-10	
Methyl-t-Butyl Ether (MTBE)	114	107	67-133	56-144	6	0-16	
Tert-Butyl Alcohol (TBA)	96	96	34-154	14-174	0	0-19	
Diisopropyl Ether (DIPE)	110	104	80-122	73-129	6	0-8	
Ethyl-t-Butyl Ether (ETBE)	110	111	73-127	64-136	1	0-11	
Tert-Amyl-Methyl Ether (TAME)	99	99	69-135	58-146	1	0-12	
Ethanol	92	93	34-124	19-139	1	0-44	

Total number of LCS compounds : 16

Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Work Order Number: 09-02-1190

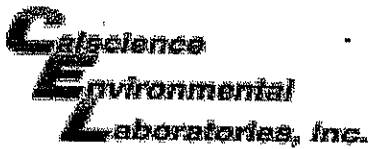
---

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
I	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.





LABORATORY CLIENT: <b>ExxonMobil c/o ETIC Engineering</b>				CLIENT PROJECT NAME / NUMBER: <b>73567, 3192 Santa Rita Road, Pleasanton, CA</b>				P.O. NO.: <b>4510816320</b>																																																																													
ADDRESS: <b>2285 Morello Avenue</b>				PROJECT CONTACT: <b>Erik Appel, ETIC Engineering</b>				Project Number: <b>TM3567.1.6</b>																																																																													
CITY: <b>Pleasant Hill, CA 94523</b>				SAMPLER(S): (SIGNATURE) <i>[Signature]</i>				QUOTE NO.:																																																																													
TEL: <b>925-602-4710 x21</b>		FAX: <b>925-602-4720</b>		E-MAIL: <b>see instructions</b>		<b>REQUESTED ANALYSIS</b>																																																																															
TURNAROUND TIME <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> 10 DAYS				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">TPH-g by EPA Method 8015B</td> <td style="width: 10%; text-align: center;">BTX by EPA Method 8021B (M)</td> <td style="width: 10%; text-align: center;">TPH-d by EPA Method 8015B *</td> <td style="width: 10%; text-align: center;">MTBE, TBA, DIPE, TAME, ETBE, EDB, 1,2-DCA by EPA Method 8260B **</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				TPH-g by EPA Method 8015B	BTX by EPA Method 8021B (M)	TPH-d by EPA Method 8015B *	MTBE, TBA, DIPE, TAME, ETBE, EDB, 1,2-DCA by EPA Method 8260B **							X	X	X	X							X	X	X	X							X	X	X	X							X	X	X	X																																		
TPH-g by EPA Method 8015B	BTX by EPA Method 8021B (M)	TPH-d by EPA Method 8015B *	MTBE, TBA, DIPE, TAME, ETBE, EDB, 1,2-DCA by EPA Method 8260B **																																																																																		
X	X	X	X																																																																																		
X	X	X	X																																																																																		
X	X	X	X																																																																																		
X	X	X	X																																																																																		
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWQCB REPORTING <input type="checkbox"/> ARCHIVE SAMPLES UNTIL ___/___/___				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width: 5%;">LAB USE ONLY</th> <th style="width: 15%;">SAMPLE ID</th> <th style="width: 15%;">LOCATION/ DESCRIPTION</th> <th colspan="2" style="width: 10%;">SAMPLING</th> <th style="width: 5%;">Matrix</th> <th style="width: 5%;">#Cont</th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> </tr> <tr> <td></td> <td></td> <td></td> <th style="width: 5%;">DATE</th> <th style="width: 5%;">TIME</th> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">11</td> <td>MW11</td> <td></td> <td style="text-align: center;">02-11-09</td> <td style="text-align: center;">1100</td> <td style="text-align: center;">Water</td> <td style="text-align: center;">8</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">12</td> <td>MW12</td> <td></td> <td style="text-align: center;">↙</td> <td style="text-align: center;">1140</td> <td style="text-align: center;">Water</td> <td style="text-align: center;">8</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">13</td> <td>MW13</td> <td></td> <td style="text-align: center;">↘</td> <td style="text-align: center;">1150</td> <td style="text-align: center;">Water</td> <td style="text-align: center;">8</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">14</td> <td>MW14</td> <td></td> <td style="text-align: center;">↘</td> <td style="text-align: center;">0905</td> <td style="text-align: center;">Water</td> <td style="text-align: center;">8</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> </table>				LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING		Matrix	#Cont										DATE	TIME									11	MW11		02-11-09	1100	Water	8	X	X	X	X			12	MW12		↙	1140	Water	8	X	X	X	X			13	MW13		↘	1150	Water	8	X	X	X	X			14	MW14		↘	0905	Water	8	X	X	X	X		
LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING					Matrix	#Cont																																																																												
			DATE	TIME																																																																																	
11	MW11		02-11-09	1100	Water	8	X	X	X	X																																																																											
12	MW12		↙	1140	Water	8	X	X	X	X																																																																											
13	MW13		↘	1150	Water	8	X	X	X	X																																																																											
14	MW14		↘	0905	Water	8	X	X	X	X																																																																											
SPECIAL INSTRUCTIONS <b>edf file required, Global ID #T0600100539</b> <b>email report to eappel@eticeng.com &amp; eticlabreports@eticeng.com</b> <b>* Use Silica Gel Cleanup for TPH-d analysis</b> <b>** Set TBA detection limits at of less than 12 µg/l</b>				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Relinquished by: (Signature) <i>[Signature]</i> 02-11-09 / sco</td> <td style="width: 25%;">Received by: (Signature) <i>[Signature]</i> CEL</td> <td style="width: 10%;">Date: 2-11-09</td> <td style="width: 10%;">Time: 1420</td> </tr> <tr> <td>Relinquished by: (Signature) <i>[Signature]</i> to GSD 2/11/09 1730</td> <td>Received by: (Signature) <i>[Signature]</i></td> <td>Date: 2/12/09</td> <td>Time: 1000</td> </tr> <tr> <td>Relinquished by: (Signature) <i>[Signature]</i></td> <td>Received by: (Signature) <i>[Signature]</i></td> <td>Date:</td> <td>Time:</td> </tr> </table>				Relinquished by: (Signature) <i>[Signature]</i> 02-11-09 / sco	Received by: (Signature) <i>[Signature]</i> CEL	Date: 2-11-09	Time: 1420	Relinquished by: (Signature) <i>[Signature]</i> to GSD 2/11/09 1730	Received by: (Signature) <i>[Signature]</i>	Date: 2/12/09	Time: 1000	Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date:	Time:																																																																		
Relinquished by: (Signature) <i>[Signature]</i> 02-11-09 / sco	Received by: (Signature) <i>[Signature]</i> CEL	Date: 2-11-09	Time: 1420																																																																																		
Relinquished by: (Signature) <i>[Signature]</i> to GSD 2/11/09 1730	Received by: (Signature) <i>[Signature]</i>	Date: 2/12/09	Time: 1000																																																																																		
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date:	Time:																																																																																		



WORK ORDER #: 09-02-1190

**SAMPLE RECEIPT FORM**

Cooler 1 of 1

CLIENT: ETIC

DATE: 02/12/09

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen)

Temperature 1.6 °C - 0.2°C (CF) = 1.4 °C  Blank  Sample

Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_).

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature:  Air  Filter  Metals Only  PCBs Only Initial: JP

**CUSTODY SEALS INTACT:**

Cooler  \_\_\_\_\_  No (Not Intact)  Not Present  N/A Initial: JP

Sample  \_\_\_\_\_  No (Not Intact)  Not Present Initial: SD

**SAMPLE CONDITION:**

	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers and volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on COC or sample container.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Volatile analysis container(s) free of headspace.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONTAINER TYPE:**

Solid:  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve  EnCores®  TerraCores®  \_\_\_\_\_

Water:  VOA  VOAh  VOAna<sub>2</sub>  125AGB  125AGBh  125AGBpo<sub>4</sub>  1AGB  1AGBna<sub>2</sub>

1AGBs  500AGB  500AGBs  250CGB  250CGBs  1PB  500PB  500PBna  250PB

250PBn  125PB  125PBznn  100PBsterile  100PBna<sub>2</sub>  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

Air:  Tedlar®  Summa®  \_\_\_\_\_

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO<sub>3</sub> na<sub>2</sub>:Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> na:NaOH po<sub>4</sub>:H<sub>3</sub>PO<sub>4</sub> s:H<sub>2</sub>SO<sub>4</sub> znn:ZnAc<sub>2</sub>+NaOH

Checked/Labeled by: JP

Reviewed by: WJC

Scanned by: SD