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

**RECEIVED**

10:18 am, Jun 24, 2009

Alameda County  
Environmental Health

**Jennifer C. Sedlachek**  
Project Manager

**ExxonMobil**

June 22, 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, Second Quarter 2009* for the above-referenced site. The report, prepared by ETIC Engineering, Inc. of Pleasant Hill, California, details the results of the April 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.

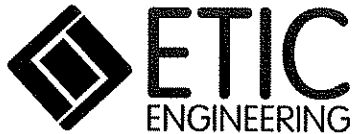
Sincerely,



Jennifer C. Sedlachek  
Project Manager

Attachment: ETIC Groundwater Monitoring Report

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



**Report of Groundwater Monitoring  
Second 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 black ink, appearing to read "K. Erik Appel".

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



June 2009

A handwritten date in black ink, "June 22, 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 11 February 2009, the date of the previous monitoring event, until 30 April 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>	30 April 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
<b>Groundwater gradient (upper water-bearing zone):</b>	0.093
<b>Groundwater flow direction (lower water-bearing zone):</b>	Southwest
<b>Groundwater gradient (lowe water-bearing zone):</b>	0.00047
<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 (M)
- 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**

None.

**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

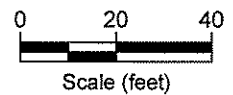
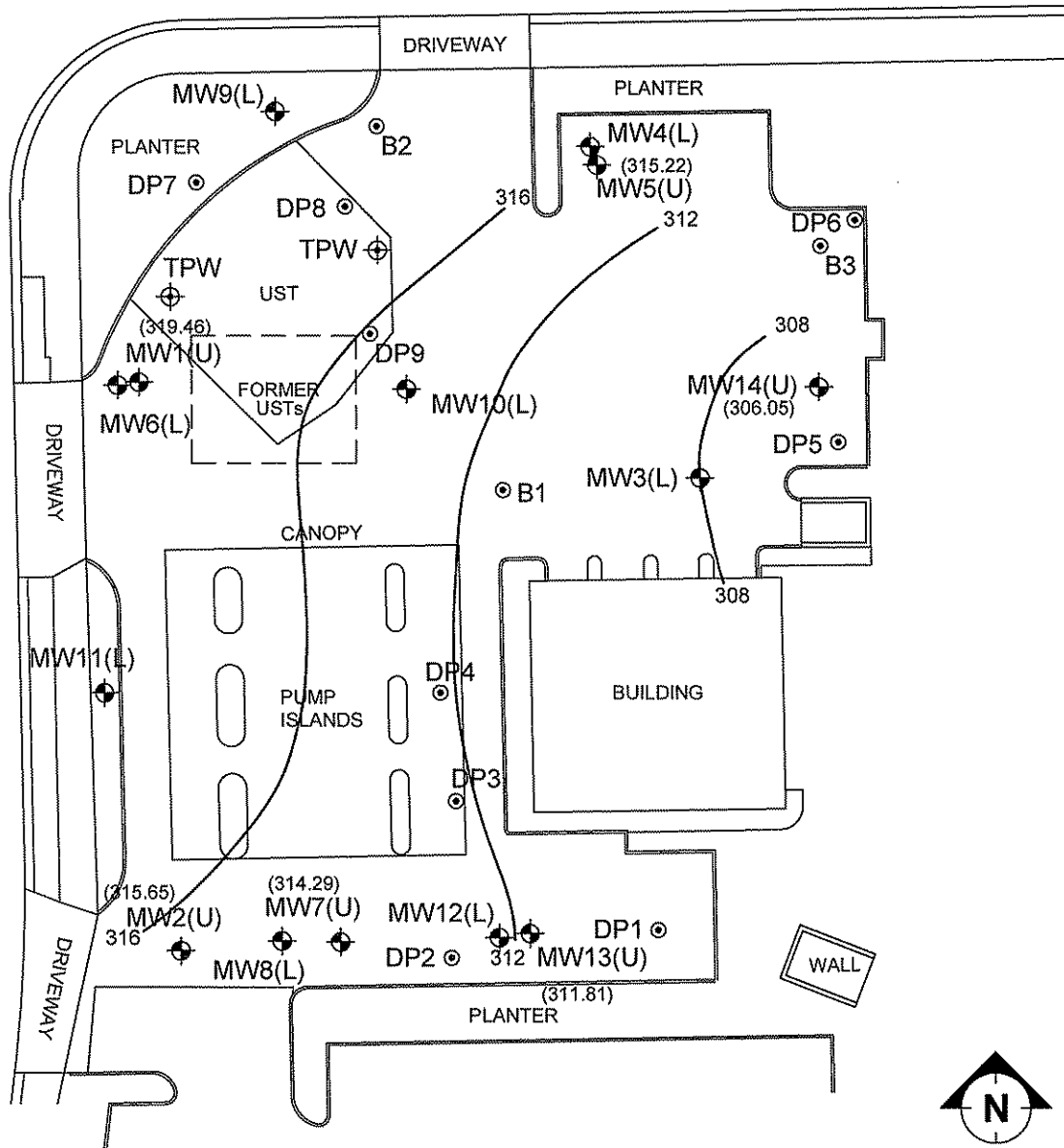
**LEGEND**

- ◆ Groundwater monitoring well
- ⊕ Tank pit well
- ⊙ Soil boring
- (319.46) Groundwater elevation (feet)
- ~ Groundwater elevation contour

**GW** Groundwater Flow Direction  
 Gradient = 0.093

LAS POSITAS BOULEVARD

SANTA RITA ROAD



FILENAME: 292009.DWG 05/13/09



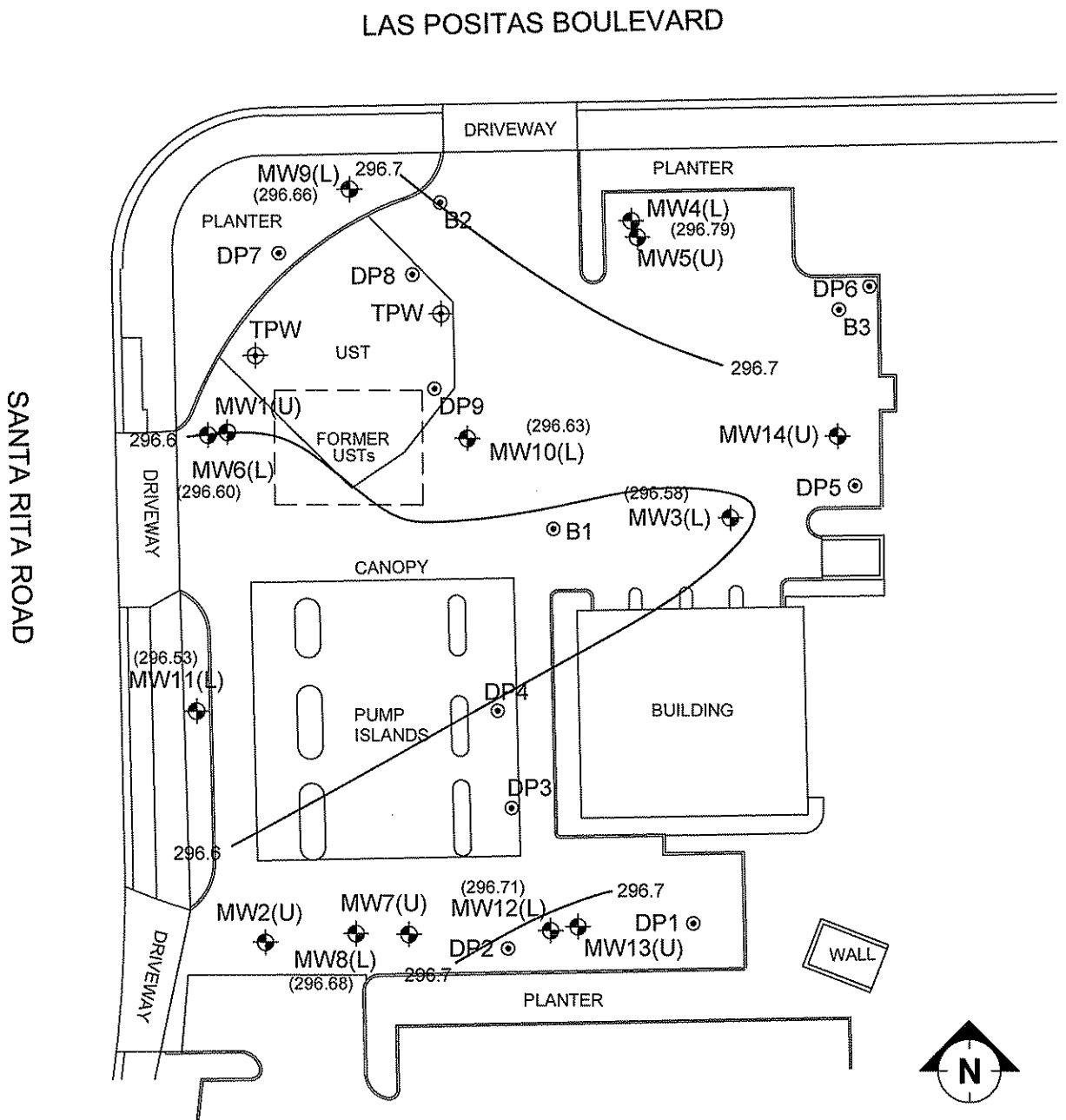
SITE MAP SHOWING GROUNDWATER ELEVATION CONTOURS FOR UPPER WATER-BEARING ZONE  
 FORMER EXXON RS 73567  
 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA  
 30 APRIL 2009

FIGURE:

**1**

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

Groundwater Flow Direction  
Gradient = 0.00047



FILENAME: 242008.DWG 05/13/09

	SITE MAP SHOWING GROUNDWATER ELEVATION CONTOURS FOR LOWER WATER-BEARING ZONE	FIGURE:
	FORMER EXXON RS 73567	2
	3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA 30 APRIL 2009	



**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	<50
MTBE	2.2
TBA	140

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<1.0
TPH-g	<50
TPH-d	<50
MTBE	1.4
TBA	<10

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<1.0
TPH-g	<50
TPH-d	<50
MTBE	7.4
TBA	<10

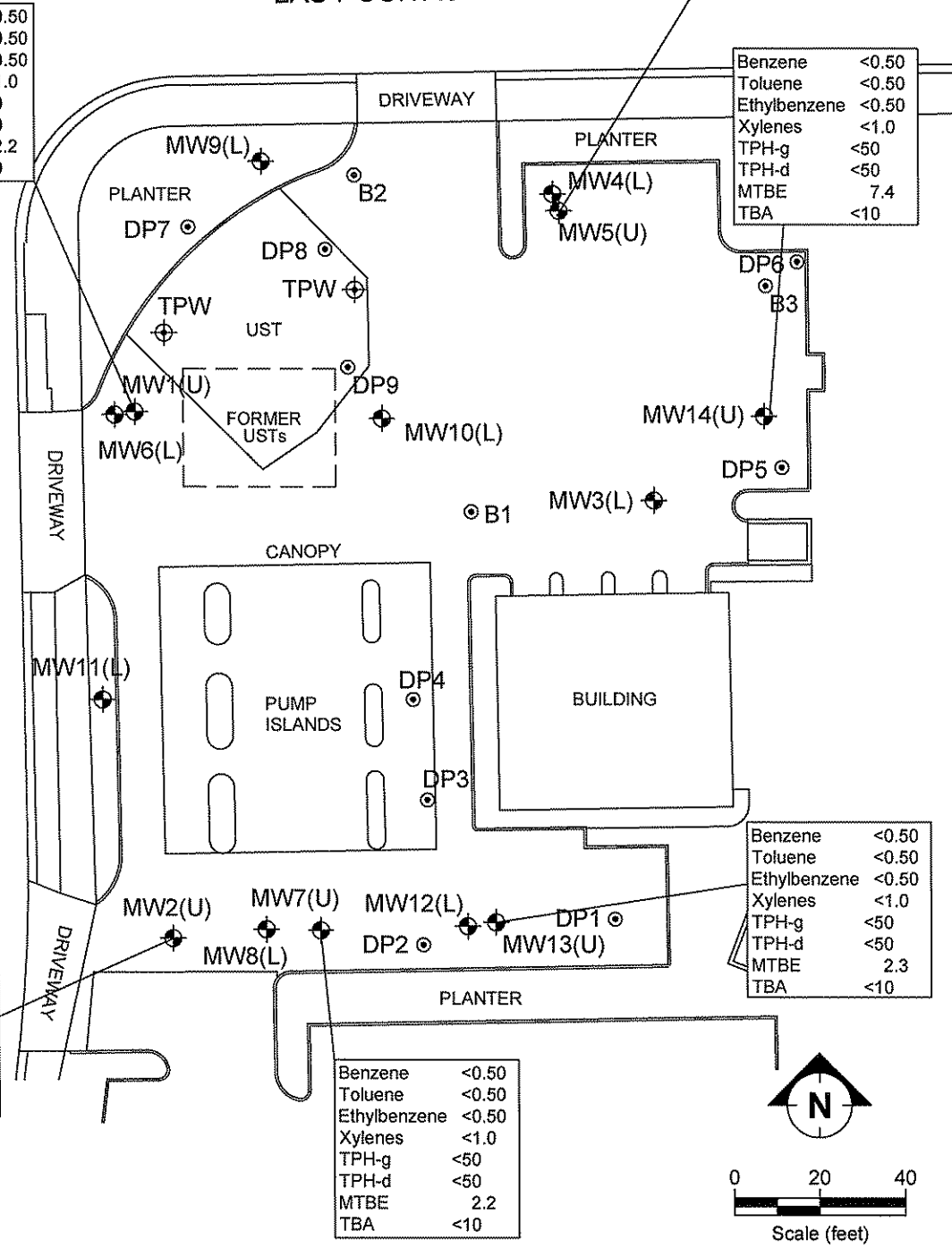
Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<1.0
TPH-g	<50
TPH-d	<50
MTBE	2.3
TBA	<10

Benzene	3.3
Toluene	3.0
Ethylbenzene	1.2
Xylenes	4.0
TPH-g	<50
TPH-d	<50
MTBE	0.18
TBA	<10

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<1.0
TPH-g	<50
TPH-d	<50
MTBE	2.2
TBA	<10

LAS POSITAS BOULEVARD

SANTA RITA ROAD



FILENAME: 2q2009.DWG 05/13/09



SITE MAP SHOWING ANALYTICAL DATA FOR UPPER WATER-BEARING ZONE  
 FORMER EXXON RS 73567  
 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA  
 30 APRIL 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	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<1.0
TPH-g	<50
TPH-d	<50
MTBE	<0.50
TBA	<10

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<1.0
TPH-g	<50
TPH-d	<50
MTBE	4.7
TBA	4.2

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

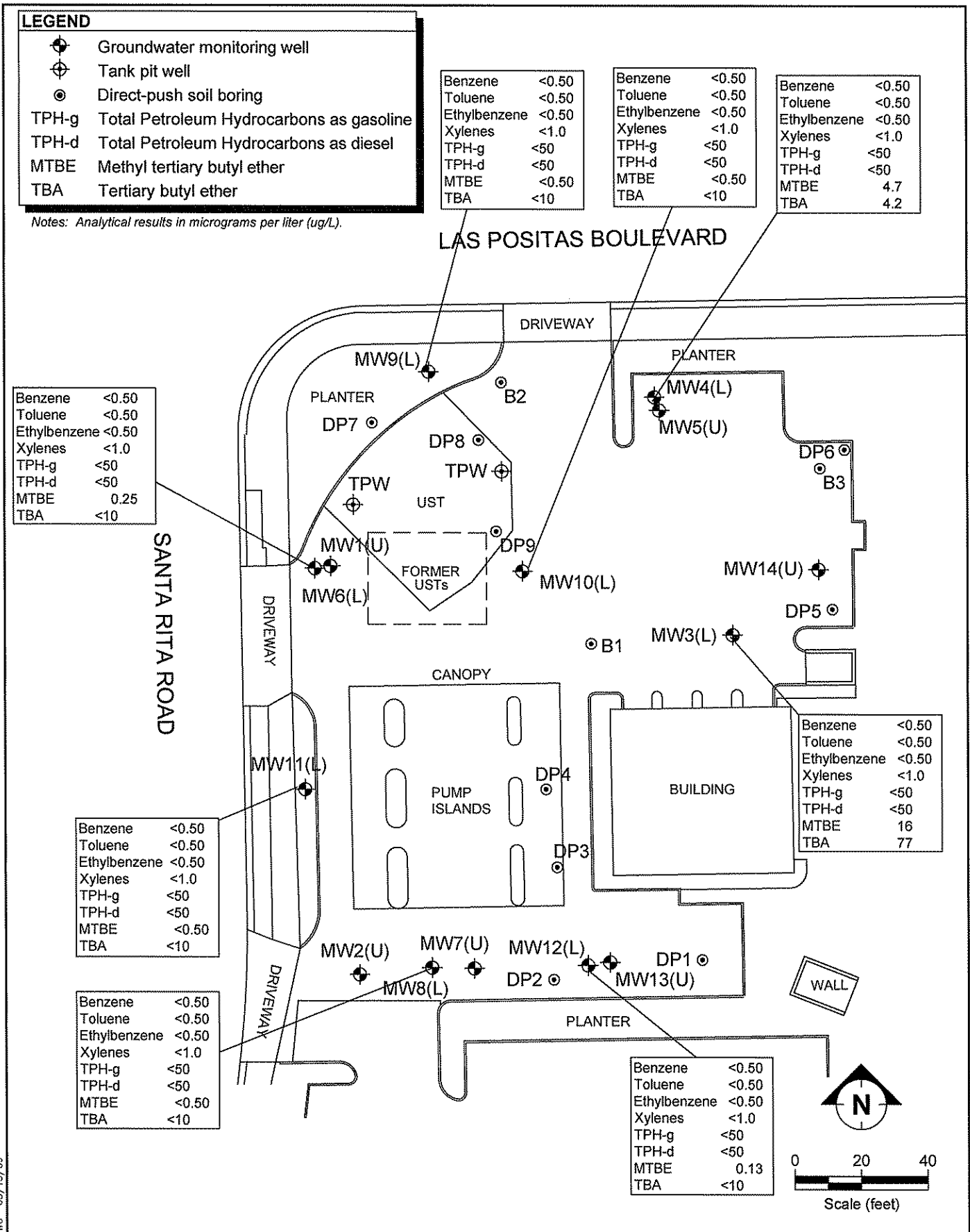
Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<1.0
TPH-g	<50
TPH-d	<50
MTBE	0.25
TBA	<10

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

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

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<1.0
TPH-g	<50
TPH-d	<50
MTBE	16
TBA	77

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<1.0
TPH-g	<50
TPH-d	<50
MTBE	0.13
TBA	<10



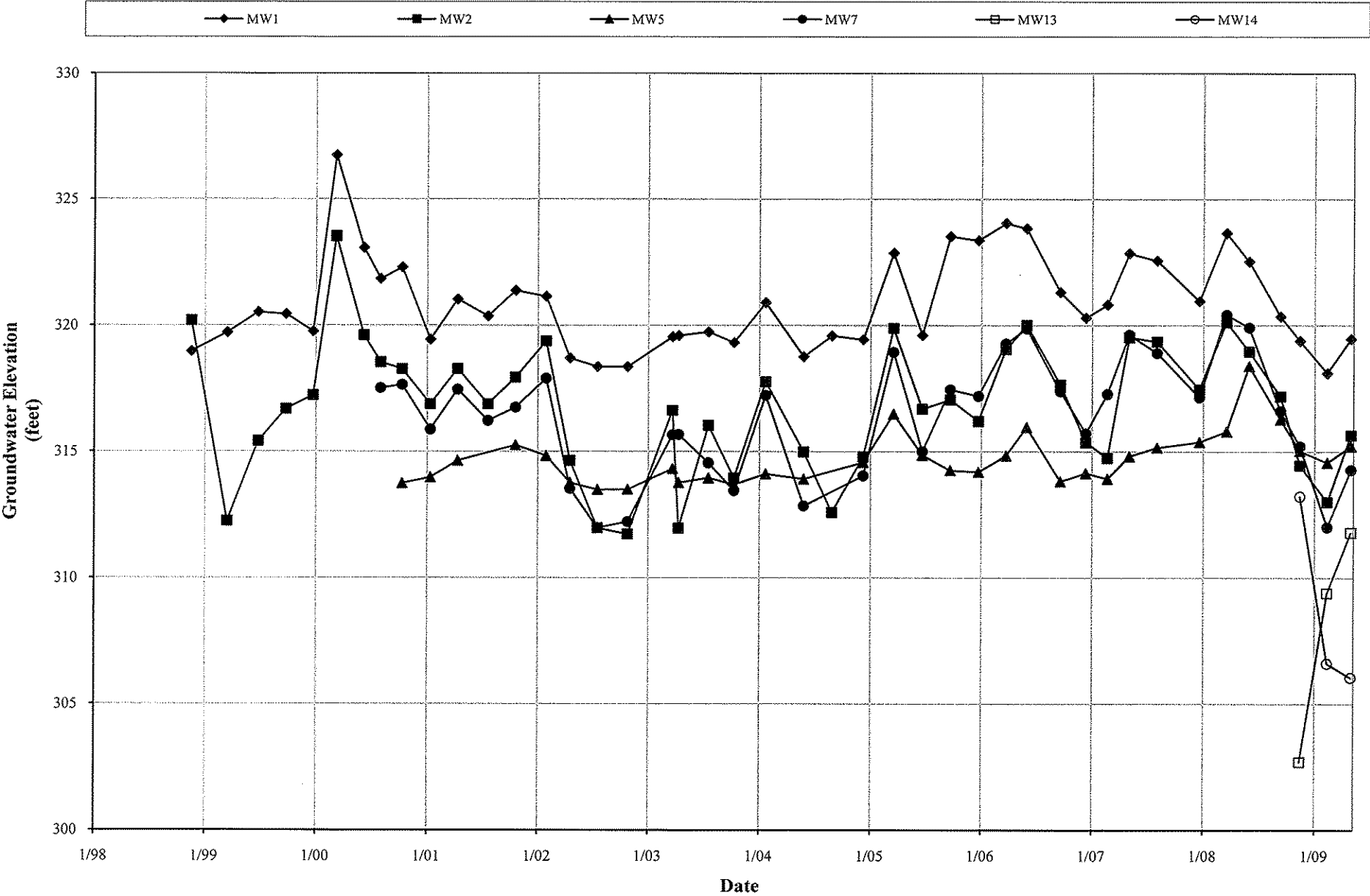
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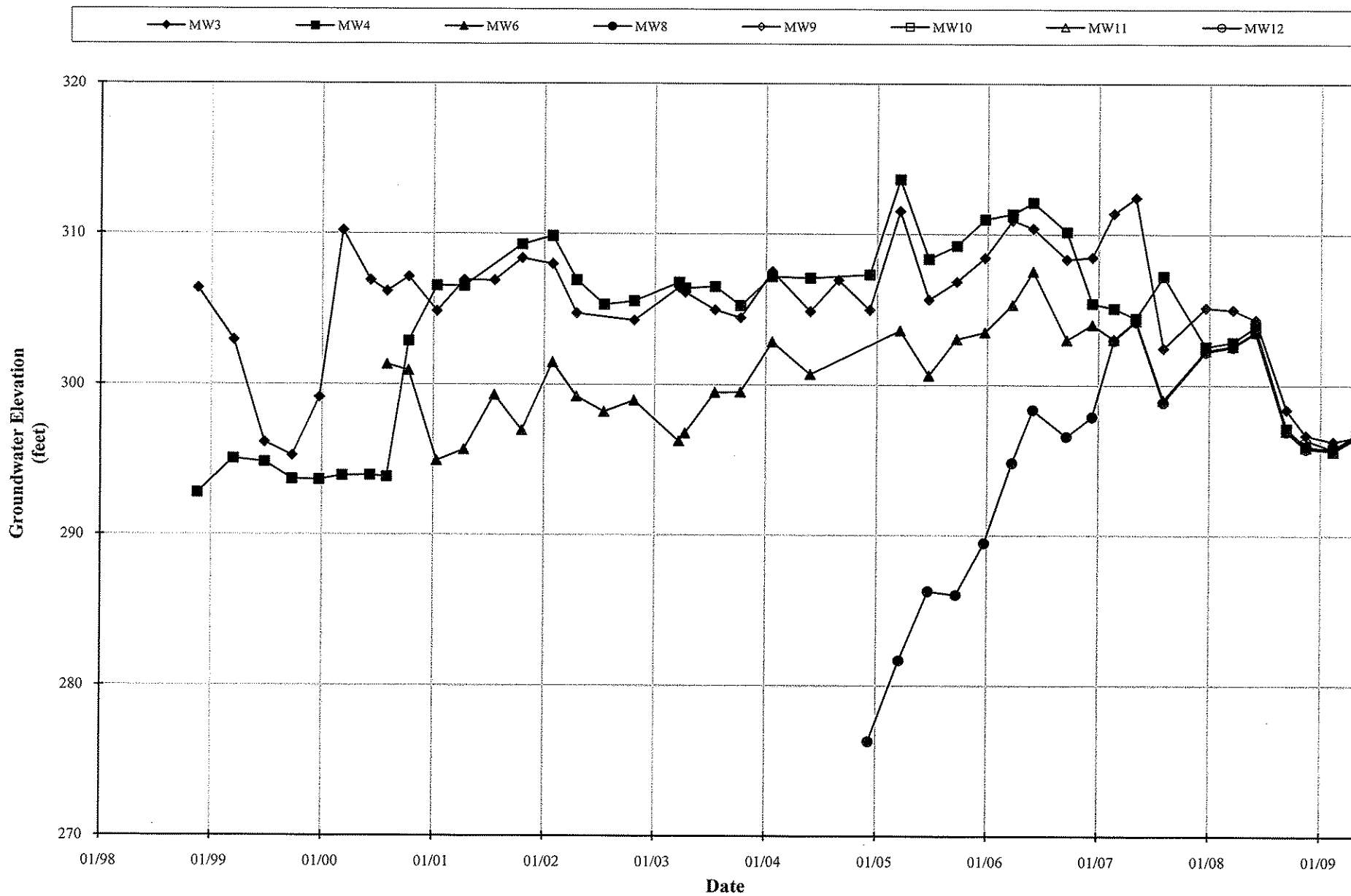
SITE MAP SHOWING ANALYTICAL DATA FOR LOWER WATER-BEARING ZONE  
 FORMER EXXON RS 73567  
 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA  
 30 APRIL 2009

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	L
MW4	11/11/98	342.97	NS	51.5	50	8	2	35-50	0.020	34-51.5	#3 Sand	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	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 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
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	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
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
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
MW1	02/11/09	340.86	22.76	318.10	<0.50	<0.50	<0.50	<1.0	<50	<50	2.6
<b>MW1</b>	<b>04/30/09</b>	<b>340.86</b>	<b>21.40</b>	<b>319.46</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>2.2</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



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	
MW2	12/07/04	j	340.16	25.36	314.80	<0.50	<0.5	<0.5	<0.5	<50.0	<50	8.6
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	o	<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
MW2	02/11/09		340.62	27.60	313.02	<0.50	<0.50	<0.50	<1.0	<50	<50	1.0
<b>MW2</b>	<b>04/30/09</b>		<b>340.62</b>	<b>24.97</b>	<b>315.65</b>	<b>3.3</b>	<b>3.0</b>	<b>1.2</b>	<b>4.0</b>	<b>&lt;50</b>	<b>&lt;50</b>	<b>0.18</b> s
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
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
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	--

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
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
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
MW3	02/11/09	342.97	46.71	296.26	<0.50	<0.50	<0.50	<1.0	<50	<50	28
<b>MW3</b>	<b>04/30/09</b>	<b>342.97</b>	<b>46.39</b>	<b>296.58</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>16</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 --

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						
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.														
MW4	07/31/00	342.96	49.13	293.83	<0.5	<0.5	<0.5	<0.5	<50	<50	<50	490					
MW4	10/10/00	342.96	40.08	302.88	--	c	--	c	--	c	--	c					
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	--	i	--	i	<0.50	i	<0.5	i	<50.0	i	<50	i	11.10	i	
MW4	12/07/04	j	342.96	35.65	307.31	--	f	--	f	--	f	--	f	--	f	--	f
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	k	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	--	f	--	f	--	f	--	f	--	f	--	f	
MW4	05/03/07	342.96	38.52	304.44	l	<0.50	l	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						

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	
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	
MW4	02/11/09	342.97	47.25	295.72	<0.50	<0.50	<0.50	<1.0	<50	<50	6.2	
<b>MW4</b>	<b>04/30/09</b>	<b>342.97</b>	<b>46.18</b>	<b>296.79</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>4.7</b>	
MW5	06/16/00	342.87	Property transferred to Valero Refining Company.									
MW5	07/31/00	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
MW5	04/11/01	342.87	28.23	314.64	--	b	--	b	--	b	--	b
MW5	07/20/01	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
MW5	10/24/02	342.87	29.36	313.51	--	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
MW5	12/07/04	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	

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	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
MW5	11/13/08	q 342.87	27.84	315.03	<0.50	<0.50	<0.50	<0.50	<50	<47	2.8
MW5	02/11/09	342.87	28.30	314.57	<0.50	<0.50	<0.50	<1.0	<50	62	3.1
<b>MW5</b>	<b>04/30/09</b>	<b>342.87</b>	<b>27.65</b>	<b>315.22</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>1.4</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

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	
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	
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	q 341.02	45.15	295.87	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50	
MW6	02/11/09	341.02	45.32	295.70	<0.50	<0.50	<0.50	<1.0	<50	<50	0.31	s
<b>MW6</b>	<b>04/30/09</b>	<b>341.02</b>	<b>44.42</b>	<b>296.60</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>0.25</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 --	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 <0.5	i <0.5	i <0.5	i <50.0	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 <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	

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	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	
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	q	341.69	26.48	315.21	<0.50	<0.50	<0.50	<0.50	<47		3.1	
MW7	02/11/09	341.69	29.67	312.02	<0.50	<0.50	<0.50	0.33	s,t	<50	<50	3.3	
<b>MW7</b>	<b>04/30/09</b>	<b>341.69</b>	<b>27.40</b>	<b>314.29</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>2.2</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	q	341.40	45.61	295.79	<0.50	<0.50	<0.50	<0.50	<50	<47		<0.50
MW8	02/11/09		341.40	45.76	295.64	<0.50	<0.50	<0.50	<1.0	<50	<50		<0.50
<b>MW8</b>	<b>04/30/09</b>		<b>341.40</b>	<b>44.72</b>	<b>296.68</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>

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	
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	
MW9	02/11/09	342.01	46.29	295.72	<0.50	<0.50	<0.50	<1.0	<50	<50	<0.50	
<b>MW9</b>	<b>04/30/09</b>	<b>342.01</b>	<b>45.35</b>	<b>296.66</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	
MW10	02/11/09	342.24	46.47	295.77	0.14	s,t 0.20	s,t 0.19	s 0.50	s <50	<50	0.076	
<b>MW10</b>	<b>04/30/09</b>	<b>342.24</b>	<b>45.61</b>	<b>296.63</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>	
MW11	12/18/08	r 341.38	45.40	295.98	<0.50	<0.50	<0.50	<1.0	<50	160	0.64	
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	
<b>MW11</b>	<b>04/30/09</b>	<b>341.38</b>	<b>44.85</b>	<b>296.53</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>	
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	
<b>MW12</b>	<b>04/30/09</b>	<b>342.51</b>	<b>45.80</b>	<b>296.71</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>0.13</b>	
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	
<b>MW13</b>	<b>04/30/09</b>	<b>342.74</b>	<b>30.93</b>	<b>311.81</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>2.3</b>	
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	
<b>MW14</b>	<b>04/30/09</b>	<b>343.35</b>	<b>37.30</b>	<b>306.05</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>7.4</b>	

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.



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
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.										
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	<0.50	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	--	
MW1	02/11/09	<0.50	<0.50	38	<0.50	<0.50	<0.50	--	
<b>MW1</b>	<b>04/30/09</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>140</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>--</b>	

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	11/17/98 - 06/16/00	Not analyzed for these analytes.							
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	--	
MW2	02/11/09	<0.50	<0.50	2.2	f	<0.50	<0.50	--	
MW2	04/30/09	<0.50	<0.50	<10		<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
MW3	11/17/98 - 06/16/00	Not analyzed for these analytes.						
MW3	07/31/00	<10	<10	<500	<5	<5	<10	--
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	--
MW3	02/11/09	<0.50	<0.50	31	<0.50	<0.50	<0.50	--
<b>MW3</b>	<b>04/30/09</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>77</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>--</b>

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
MW4	11/17/98 - 06/16/00	Not analyzed for these analytes.						
MW4	07/31/00	<10	<10	<500	<5	<5	<10	--
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	--
MW4	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW4	07/17/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW4	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW4	01/21/04	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW4	05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW4	08/26/04	<0.50c	<0.50c	<10.0c	<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	--
MW4	06/20/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW4	09/20/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW4	12/22/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW4	03/23/06	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	--
MW4	05/30/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	<100
MW4	09/18/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW4	12/11/06	<0.50	<0.50	<12	<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	--
MW4	08/02/07	<0.50	<0.50	11	<0.50	<0.50	<0.50	--
MW4	12/19/07	<0.500	<0.500	27.0	<0.500	<0.500	<0.500	--
MW4	03/17/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW4	05/30/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW4	09/10/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW4	11/13/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW4	02/11/09	<0.50	<0.50	2.2	f	<0.50	<0.50	--
<b>MW4</b>	<b>04/30/09</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>4.2</b>	<b>f</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	--
MW5	06/16/00	--	--	--	--	--	--	--

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	07/31/00	<10	<10	<500	<5	<5	<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	--	
MW5	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--	
MW5	07/17/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--	
MW5	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--	
MW5	01/21/04	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--	
MW5	05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--	
MW5	08/26/04	<0.50c	<0.50c	<10.0c	<0.50c	<0.50c	<0.50c	--	
MW5	12/07/04	d	<0.50	<10.0	<0.50	<0.50	<0.50	--	
MW5	03/17/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--	
MW5	06/20/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--	
MW5	09/20/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--	
MW5	12/22/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--	
MW5	03/23/06	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	--	
MW5	05/30/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	<100	
MW5	09/18/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--	
MW5	12/11/06	<0.50	<0.50	25	<0.50	<0.50	<0.50	--	
MW5	02/20/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--	
MW5	05/03/07	<0.50	<0.50	13	<0.50	<0.50	<0.50	--	
MW5	08/02/07	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--	
MW5	12/19/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--	
MW5	03/17/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--	
MW5	05/30/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--	
MW5	09/10/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--	
MW5	11/13/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--	
MW5	02/11/09	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--	
<b>MW5</b>	<b>04/30/09</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>	--	
MW6	06/16/00	--	--	--	--	--	--	--	
MW6	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						
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	<0.50	<0.50	<0.50	--		
MW6	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<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	<0.50	<0.50	<0.50	--		
MW6	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--		
MW6	01/21/04	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--		
MW6	05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	<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	<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	<0.50	--		
MW6	06/20/05	<0.50	<0.50	<10.0	<0.50	<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	<0.500	--		
MW6	12/22/05	<0.500	<0.500	<10.0	<0.500	<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	<1.00	--		
MW6	05/30/06	<0.50	<0.50	<12	<0.50	<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	<0.500	--		
MW6	12/11/06	<0.50	<0.50	<12	<0.50	<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	<0.500	--		
MW6	05/03/07	<0.50	<0.50	<10	<0.50	<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	<0.50	--		
MW6	12/19/07	<0.500	<0.500	<10.0	<0.500	<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	<0.500	--		
MW6	05/30/08	<0.500	<0.500	<10.0	<0.500	<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	<0.50	--		
MW6	11/13/08	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--		
MW6	02/11/09	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--		
<b>MW6</b>	<b>04/30/09</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>&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	<0.50	--		
MW7	04/10/03	<0.50	<0.50	<10	<0.50	<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	07/17/03	<0.50	<0.50	<10	<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	--
MW7	01/21/04	<0.50	<0.50	<10	<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	--
MW7	08/26/04	<0.50c	<0.50c	<10.0c	<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	--
MW7	03/17/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	--
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	--
MW7	02/11/09	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
<b>MW7</b>	<b>04/30/09</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>--</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	<10.0	<0.50	<0.50	<0.50	<0.50	--
MW8	03/17/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	--
MW8	06/20/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	--
MW8	09/20/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--



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	
MW8	12/22/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW8	03/23/06	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<1.00	<100
MW8	05/30/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	<0.50	<100
MW8	09/18/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW8	12/11/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	<0.50	--
MW8	02/20/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	--
MW8	05/03/07	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
MW8	08/02/07	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
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	--
MW8	02/11/09	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
<b>MW8</b>	<b>04/30/09</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	--
MW9	02/11/09	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
<b>MW9</b>	<b>04/30/09</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	--
MW10	02/11/09	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
<b>MW10</b>	<b>04/30/09</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	--
MW11	02/11/09	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
<b>MW11</b>	<b>04/30/09</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>	--
MW12	12/18/08	<0.50	<0.50	5.6	f	<0.50	<0.50	<0.50	--
MW12	02/11/09	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	--
<b>MW12</b>	<b>04/30/09</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>	--
MW13	12/18/08	<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
MW13	02/11/09	<0.50	<0.50	2.2	f	<0.50	<0.50	<0.50	--
<b>MW13</b>	<b>04/30/09</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>	--
MW14	12/18/08	<0.50	<0.50	<10		<0.50	<0.50	<0.50	--
MW14	02/11/09	<1.0	<1.0	6.6	f	<1.0	<1.0	<1.0	--
<b>MW14</b>	<b>04/30/09</b>	<b>&lt;1.0</b>	<b>&lt;1.0</b>	<b>&lt;10</b>		<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.
- 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**

Client: Former ExxonMobil 73567

Date: 04-30-09

Project Number: UP3567

Station Number: 73567

Site Location:  
3192 Santa Rita Road, Pleasanton

Samplers: ALEX

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	21.40				35.00	34.73	2"
MW2	24.97				35.00	35.25	2"
MW3	46.39				50.00	49.80	2"
MW4	46.18				50.00	50.00	2"
MW5	27.65				30.00	30.25	2"
MW6	44.42				53.00	52.31	2"
MW7	27.40				49.00	49.32	2"
MW8	44.72				70.00	67.42	2"
MW9	45.35					69.60	2"
MW10	45.61					66.31	2"
MW11	44.55					63.10	2"
MW12	45.80					67.48	2"
MW13	30.93					43.78	2"
MW14	37.30					38.27	2"

Project Name: FORMER EXXON 73567 Well No: MW1 Date: 04-30-09  
 Project No: UP3567 Personnel: TRINDER

**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)
	34.73	21.40	13.33	1 0.04	213	639
				2 0.16		
				4 0.64		
				6 1.44		

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

Time	1012	1016	1020			
Volume Purge (gal)	2.50	5.00	7.50			
Temperature (C)	19.1	19.2	19.5			
pH	7.11	7.06	7.04			
Spec. Cond. (umhos)	1496	1342	1319			
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: 22 (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: 7.5 (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: MW2 Date: 04-30-09  
 Project No: UP3567 Personnel: AUK

**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	- 24.97	= 10.28	X 1	164	= 493
				0.04 0.16 0.64 1.44		

**PURGING DATA**

Purge Method: WATERFALL / BAILER / SUB

Time	1016	1018	1020			
Volume Purge (gal)	2	4	6			
Temperature (C)	19.2	20.0	20.2			
pH	7.10	7.05	7.02			
Spec. Cond. (umhos)	1035	1052	1043			
Turbidity/Color	SILTY / BKN	SILTY / BKN	SILTY / BKN			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

**SAMPLING DATA**

Time Sampled: 1035 Approximate Depth to Water During Sampling: 25.0 (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: 6 (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 STRIPPED BOLTS WELL BOX (Y) / (N)  
 Comments: SECURED (Y) / N

Project Name: FORMER EXXON 73567 Well No: *MW3* Date: *04-30-09*  
 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)
		<i>49.80</i>	<i>46.39</i>	<i>3.41</i>	<i>X</i> 1	<i>2</i>	4	6	<i>.54</i>
				0.04	0.16	0.64	1.44		

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

Time	1	2	3
Volume Purge (gal)	<i>1</i>	<i>2</i>	<i>3</i>
Temperature (C)	<i>16.7</i>	<i>17.8</i>	
pH	<i>6.74</i>	<i>6.95</i>	
Spec Cond. (umhos)	<i>1684</i>	<i>1686</i>	
Turbidity/Color	<i>5100 / 100</i>	<i>5100 / 100</i>	
Odor (Y/N)	<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>	

Comments/Observations: *DEWATERED AT 2.5 GALLON*

**SAMPLING DATA**  
 Time Sampled: *0815* Approximate Depth to Water During Sampling: *47.0* (feet)  
 Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<i>MW3</i>	6	Voa	HCL	40 ml		TPH-g, BTEX, OXYS
<i>MW3</i>	2	Ambers	NONE	1L		TPH-D

Total Purge Volume: *25* (gallons) Disposal: ROMIC  
 Weather Conditions: *☼* 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: *Y DEWATERED* WELL BOX *Y* / N  
 Comments: SECURED *Y* / N

**GROUNDWATER PURGE AND SAMPLE FORM**

Project Name: FORMER EXXON 73567 Well No: MW4 Date: 04-30-09  
 Project No: UP3567 Personnel: AMR

**GAUGING DATA**  
 Water Level Measuring Method: WLM/VIP 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)											
	50.00	-	46.18	=	3.82	X	1	2	4	6	0.04	0.16	0.64	1.44	61	=	183

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

Time	0846	0859	0910			
Volume Purge (gal)	1	2	3			
Temperature (C)	17.9	18.2	18.2			
pH	7.21	7.24	7.23			
Spec. Cond. (umhos)	1821	1810	1824			
Turbidity/Color	5149 / 152N	5149 / 152N	5149 / 152N			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

**SAMPLING DATA**  
 Time Sampled: 0930 Approximate Depth to Water During Sampling: 47.0 (feet)  
 Comments:

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

Total Purge Volume: 183 (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: *MWS* Date: *04-30-09*  
 Project No: UP3567 Personnel: *ALX*

**GAUGING DATA**

Water Level Measuring Method: WLM / TIP 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>30.25</i>	<i>27.65</i>	<i>2.60</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>.41</i>
				0.04	0.16	0.64	1.44		

**PURGING DATA**

Purge Method: WATERRA / BAILER / SUB

Time	<i>0822</i>				
Volume Purge (gal)	<i>.5</i>	<i>1</i>	<i>1.5</i>		
Temperature (C)	<i>19.1</i>				
pH	<i>6.93</i>				
Spec. Cond. (umhos)	<i>1922</i>				
Turbidity/Color	<i>SLTY / BRN</i>				
Odor (Y/N)	<i>N</i>				
Casing Volumes	<i>1</i>	<i>2</i>	<i>3</i>		
Dewatered (Y/N)	<i>N</i>				

Comments/Observations: *DEWATERED AT .75 GALLON*

**SAMPLING DATA**

Time Sampled: *0855* 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
<i>MWS</i>	<i>6</i>	<i>Voa</i>	<i>HCL</i>	<i>40 ml</i>		<i>TPH-g, BTEX, OXYS</i>
<i>MWS</i>	<i>2</i>	<i>Ambers</i>	<i>NONE</i>	<i>1L</i>		<i>TPH-D</i>

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

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

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: FORMER EXXON 73567	Well No: MW6	Date: 04-30-09
Project No: UP3567	Personnel: TJBINDER	

**GAUGING DATA**  
 Water Level Measuring Method: WLM/PIP 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)
	52.31	44.42	7.89	X 1	2	4	6	1.26	3.78
				0.04	0.16	0.64	1.44		

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

Time	0950	0952	0954		
Volume Purge (gal)	1.5	3.0	4.50		
Temperature (C)	17.5	18.0	18.3		
pH	7.32	7.16	7.12		
Spec. Cond. (umhos)	2170	2204	2228		
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: 1000      Approximate Depth to Water During Sampling: 45 (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: 45 (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: MW7 Date: 04-30-09  
 Project No: UP3567 Personnel: AK

**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)
	49.32	27.40	21.92	1	3.50	10.5
				0.04 0.16 0.64 1.44		

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

Time	1106	1109	1112			
Volume Purge (gal)	3.5	7	10.5			
Temperature (C)	19.3	19.4	19.6			
pH	6.95	6.96	6.97			
Spec Cond (umhos)	1684	1717	1714			
Turbidity/Color	SILTY / BROWN	SILTY / BROWN	SILTY / BROWN			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

**SAMPLING DATA** 1120  
 Time Sampled: 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
MW7	6	Voa	HCL	40 ml		TPH-g, BTEX, OXYS
MW7	2	Ambers	NONE	1L		TPH-D

Total Purge Volume: 16.5 (gallons) Disposal: ROMIC  
 Weather Conditions: \* BOLTS  
 Condition of Well Box and Casing at Time of Sampling: OK LOCK & CAP  
 Well Head Conditions Requiring Correction: NONE GROUT  
 Problems Encountered During Purging and Sampling: NONE STUFFED CASE WELL BOX  
 Comments: SECURED

**GROUNDWATER PURGE AND SAMPLE FORM**

Project Name: FORMER EXXON 73567 Well No: *MW 8* Date: *04-00-09*  
 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)
		<i>67.42</i>	<i>44.72</i>	<i>22.70</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>6</i>	<i>3.63</i>
				0.04	0.16	0.64	1.44		

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

Time	1045	1049	1053			
Volume Purge (gal)	<i>4</i>	<i>8</i>	<i>12</i>			
Temperature (C)	<i>18.3</i>	<i>18.2</i>	<i>18.0</i>			
pH	<i>7.09</i>	<i>7.02</i>	<i>7.00</i>			
Spec. Cond. (umhos)	<i>2532</i>	<i>2585</i>	<i>2586</i>			
Turbidity/Color	<i>SILTS / BAN</i>	<i>SILTS / BAN</i>	<i>SILTS / BAN</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** *Hee*  
 Time Sampled: \_\_\_\_\_ Approximate Depth to Water During Sampling: *45.0* (feet)  
 Comments: \_\_\_\_\_

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

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* *STRIPPED* WELL BOX  /  N  
*ERRAS* SECURED  /  N

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

Project Name: FORMER EXXON 73567 Well No: MW9 Date: 04-30-09  
 Project No: UP3567 Personnel: TBINDER

**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)
		69.60	- 45.35	= 24.25	X 1	2	4	6	3.88
				0.04	0.16	0.64	1.44		

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

Time	0822	0826	0830		
Volume Purge (gal)	4.00	8.00	12.00		
Temperature (C)	16.6	17.7	18.0		
pH	6.93	7.05	7.09		
Spec. Cond. (umhos)	2472	2540	2508		
Turbidity/Color	<u>304</u> BRW	<u>514</u> BRW	<u>514</u> BRW		
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: 46 (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: 04-30-09  
 Project No: UP3567 Personnel: TENDER

**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)
	66.31	- 45.61	= 20.7	X 1	3.31	= 9.91
				0.04 0.16 0.64 1.44		

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

Time	0904	0909	0914			
Volume Purge (gal)	3.50	7.00	10.50			
Temperature (C)	18.2	18.4	18.7			
pH	7.19	7.12	7.13			
Spec. Cond. (umhos)	2546	2539	2542			
Turbidity/Color	<u>Slight</u> <u>BRN</u>	<u>Slight</u> <u>BRN</u>	<u>Slight</u> <u>BRN</u>			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

**SAMPLING DATA**  
 Time Sampled: 0920 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
<u>MW10</u>	6	Voa	HCL	40 ml		TPH-g, BTEX, OXYS
<u>MW10</u>	2	Ambers	NONE	1L		TPH-D

Total Purge Volume: 10.5 (gallons) Disposal: ROMIC

Weather Conditions: <u>OK</u>	BOLTS	<u>(R)</u> / N
Condition of Well Box and Casing at Time of Sampling: <u>OK</u>	LOCK & CAP	<u>(Y)</u> / N
Well Head Conditions Requiring Correction: <u>None</u>	GROUT	<u>(Y)</u> / N
Problems Encountered During Purging and Sampling: <u>None</u>	WELL BOX	<u>(Y)</u> / N
Comments:	SECURED	<u>(X)</u> / N

Project Name: FORMER EXXON 73567 Well No: MW11 Date: 04-30-09  
 Project No: UP3567 Personnel: TSINDER

**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)
		63.10	44.85	18.25	1 0.04	2 0.16	4 0.64	6 1.44	2.92

**PURGING DATA**

Purge Method: WATERRA / BAILER / SUB

Time	1056	1100	1104			
Volume Purge (gal)	3.00	6.00	9.00			
Temperature (C)	17.5	17.9	17.8			
pH	7.14	7.11	7.12			
Spec. Cond. (umhos)	2408	2476	2468			
Turbidity/Color	<del>547</del> / BRW	<del>547</del> / BRW	<del>547</del> / BRW			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

**SAMPLING DATA**

Time Sampled: /// Approximate Depth to Water During Sampling: 45' (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  / N

Project Name: FORMER EXXON 73567 Well No: MW12 Date: 04-30-09  
 Project No: UP3567 Personnel: 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)
		67.48	- 45.80	= 21.68	X 1	2	4	6	3.46
				0.04	0.16	0.64	1.44		

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

Time	1126	1130	1134		
Volume Purge (gal)	3.50	7.00	10.50		
Temperature (C)	18.0	18.8	18.9		
pH	7.20	7.11	7.11		
Spec. Cond. (umhos)	2393	2430	2432		
Turbidity/Color	<del>SLTY</del> / <del>BRW</del>	<del>SLTY</del> / <del>BRW</del>	<del>SLTY</del> / <del>BRW</del>		
Odor (Y/N)	N	N	N		
Casing Volumes	1	2	3		
Dewatered (Y/N)	N	N	N		

Comments/Observations:

**SAMPLING DATA**  
 Time Sampled: 1140 Approximate Depth to Water During Sampling: 4 1/2 (feet)  
 Comments:

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

Total Purge Volume: 10.5 (gallons) Disposal: ROMIC

Weather Conditions: OK	BOLTS	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
Condition of Well Box and Casing at Time of Sampling: OK	LOCK & CAP	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
Well Head Conditions Requiring Correction: N/A	GROUT	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
Problems Encountered During Purging and Sampling: N/A	WELL BOX	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
Comments:	SECURED	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N

Project Name: FORMER EXXON 73567 Well No: MW13 Date: 04-20-09  
 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)
	42.78	30.93	12.85	1	205	6.16
				0.04 0.16 0.64 1.44		

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

Time	1137	1141	1145		
Volume Purge (gal)	2.5	5	7.5		
Temperature (C)	19.5	20.0	20.2		
pH	7.03	7.09	7.07		
Spec. Cond. (umhos)	1921	1922	1924		
Turbidity/Color	STUB / BKN	STUB / BKN	STUB / BKN		
Odor (Y/N)	N	N	N		
Casing Volumes	1	2	3		
Dewatered (Y/N)	N	N	N		

Comments/Observations:

**SAMPLING DATA**  
 Time Sampled: 1155 Approximate Depth to Water During Sampling: 31.0 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW13	6	Voa	HCL	40 ml		TPH-g, BTEX, OXYS
MW13	2	Ambers	NONE	1L		TPH-D

Total Purge Volume: 75 (gallons) Disposal: ROMIC  
 Weather Conditions: 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: MW14	Date: 04.30.07
Project No: UP3567	Personnel: T. BUNDER	

**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)
		38.27	37.30		X 1 0.04	2 0.16	4 0.64	6 1.44	

**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)
							1                      2                      3	

Comments/Observations: GRAB SAMPLE ONLY DUE TO LOW CASING VOL.

**SAMPLING DATA**  
 Time Sampled: 0755      Approximate Depth to Water During Sampling: 37.30 (feet)  
 Comments:

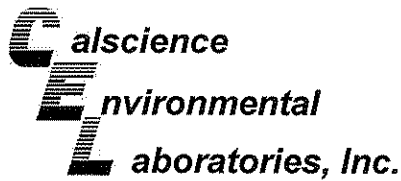
Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/Color	Analysis Method
MW14	6	Voa	HCL	40 ml	/	TPH-g, BTEX, OXYS
MW14	2	Ambers	NONE	1L	/	TPH-D

Total Purge Volume: -- (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

## **Appendix C**

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



May 11, 2009

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

Subject: **Calscience Work Order No.: 09-05-0128**  
Client Reference: **ExxonMobil 73567**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/2/2009 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.

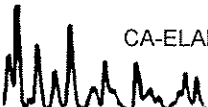
Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

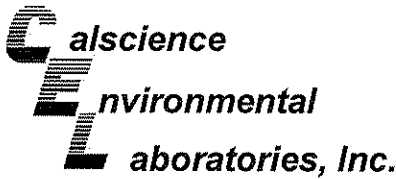
If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in cursive script that reads "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: 05/02/09  
Work Order No: 09-05-0128  
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
MW1	09-05-0128-1-H	04/30/09 10:25	Aqueous	GC 47	05/06/09	05/07/09 19:23	090506B11

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:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	128	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW2	09-05-0128-2-H	04/30/09 10:35	Aqueous	GC 47	05/06/09	05/07/09 19:39	090506B11

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:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	120	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW3	09-05-0128-3-H	04/30/09 08:15	Aqueous	GC 47	05/06/09	05/07/09 19:55	090506B11

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:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	110	68-140				

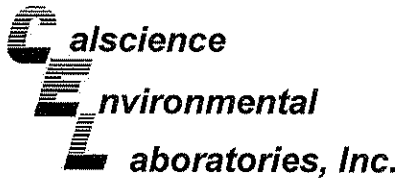
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW4	09-05-0128-4-H	04/30/09 09:30	Aqueous	GC 47	05/06/09	05/07/09 20:11	090506B11

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:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	114	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: 05/02/09  
Work Order No: 09-05-0128  
Preparation: EPA 3510C  
Method: EPA 8015B (M)

Project: ExxonMobil 73567

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW5	09-05-0128-5-H	04/30/09 08:55	Aqueous	GC 47	05/06/09	05/07/09 20:28	090506B11

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:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	114	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW6	09-05-0128-6-H	04/30/09 10:00	Aqueous	GC 47	05/06/09	05/07/09 20:44	090506B11

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:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	115	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW7	09-05-0128-7-H	04/30/09 11:20	Aqueous	GC 47	05/06/09	05/07/09 21:00	090506B11

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.

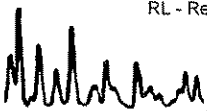
Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	50	47	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	111	68-140				

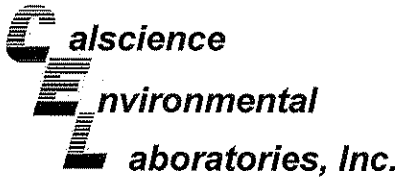
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW8	09-05-0128-8-H	04/30/09 11:00	Aqueous	GC 47	05/06/09	05/07/09 21:17	090506B11

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:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	112	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: 05/02/09  
Work Order No: 09-05-0128  
Preparation: EPA 3510C  
Method: EPA 8015B (M)

Project: ExxonMobil 73567

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW9	09-05-0128-9-H	04/30/09 08:35	Aqueous	GC 47	05/06/09	05/07/09 21:33	090506B11

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:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	116	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW10	09-05-0128-10-H	04/30/09 09:20	Aqueous	GC 47	05/06/09	05/07/09 21:50	090506B11

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:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	91	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW11	09-05-0128-11-H	04/30/09 11:10	Aqueous	GC 47	05/06/09	05/07/09 22:22	090506B11

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.

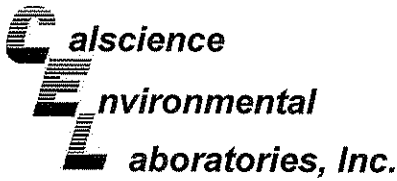
Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	50	47	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	101	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW12	09-05-0128-12-H	04/30/09 11:40	Aqueous	GC 47	05/06/09	05/07/09 22:38	090506B11

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:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	110	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: 05/02/09  
Work Order No: 09-05-0128  
Preparation: EPA 3510C  
Method: EPA 8015B (M)

Project: ExxonMobil 73567

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW13	09-05-0128-13-H	04/30/09 11:55	Aqueous	GC 47	05/06/09	05/07/09 22:55	090506B11

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:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	114	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW14	09-05-0128-14-H	04/30/09 07:55	Aqueous	GC 47	05/06/09	05/07/09 23:11	090506B11

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.

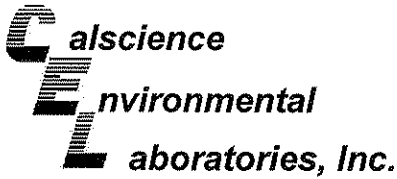
Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	50	47	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	78	68-140				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-330-1,071	N/A	Aqueous	GC 47	05/06/09	05/07/09 18:34	090506B11

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 Diesel	ND	50	47	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	112	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: 05/02/09  
Work Order No: 09-05-0128  
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>09-05-0128-1-E</b>	<b>04/30/09 10:25</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>05/08/09</b>	<b>05/08/09 08:32</b>	<b>090508B01</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>MW2</b>	<b>09-05-0128-2-E</b>	<b>04/30/09 10:35</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>05/08/09</b>	<b>05/08/09 07:58</b>	<b>090508B01</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	77	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>09-05-0128-3-E</b>	<b>04/30/09 08:15</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>05/08/09</b>	<b>05/08/09 07:24</b>	<b>090508B01</b>

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

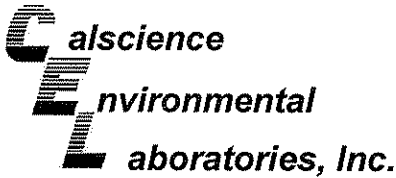
Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	79	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW4</b>	<b>09-05-0128-4-E</b>	<b>04/30/09 09:30</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>05/08/09</b>	<b>05/08/09 06:50</b>	<b>090508B01</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	46	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: 05/02/09  
Work Order No: 09-05-0128  
Preparation: EPA 5030B  
Method: EPA 8015B (M)

Project: ExxonMobil 73567

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW5</b>	<b>09-05-0128-5-E</b>	<b>04/30/09 08:55</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>05/08/09</b>	<b>05/08/09 06:16</b>	<b>090508B01</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	77	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>09-05-0128-6-E</b>	<b>04/30/09 10:00</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>05/08/09</b>	<b>05/08/09 05:43</b>	<b>090508B01</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	77	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>09-05-0128-7-E</b>	<b>04/30/09 11:20</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>05/08/09</b>	<b>05/08/09 09:06</b>	<b>090508B01</b>

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

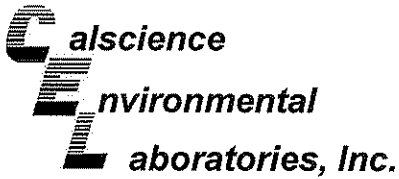
Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	78	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW8</b>	<b>09-05-0128-8-E</b>	<b>04/30/09 11:00</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>05/08/09</b>	<b>05/08/09 09:39</b>	<b>090508B01</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				

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



Analytical Report



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

Date Received: 05/02/09  
Work Order No: 09-05-0128  
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
MW9	09-05-0128-9-E	04/30/09 08:35	Aqueous	GC 25	05/08/09	05/08/09 10:13	090508B01

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:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	77	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW10	09-05-0128-10-E	04/30/09 09:20	Aqueous	GC 25	05/08/09	05/08/09 10:47	090508B01

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:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	77	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW11	09-05-0128-11-E	04/30/09 11:10	Aqueous	GC 25	05/08/09	05/08/09 11:54	090508B01

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

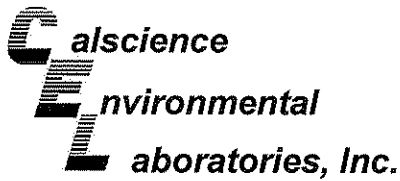
Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	78	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW12	09-05-0128-12-E	04/30/09 11:40	Aqueous	GC 25	05/08/09	05/08/09 12:28	090508B01

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:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	78	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: 05/02/09  
Work Order No: 09-05-0128  
Preparation: EPA 5030B  
Method: EPA 8015B (M)

Project: ExxonMobil 73567

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW13</b>	<b>09-05-0128-13-E</b>	<b>04/30/09 11:55</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>05/08/09</b>	<b>05/08/09 13:03</b>	<b>090508B01</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	77	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>09-05-0128-14-E</b>	<b>04/30/09 07:55</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>05/08/09</b>	<b>05/08/09 13:37</b>	<b>090508B01</b>

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

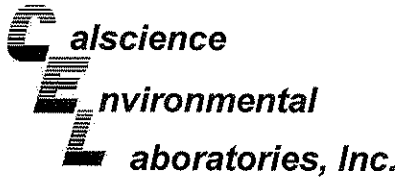
Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	48	1		ug/L
Surrogates:	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	
1,4-Bromofluorobenzene	78	38-134				

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>099-12-436-3,214</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC 25</b>	<b>05/08/09</b>	<b>05/08/09 02:54</b>	<b>090508B01</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				

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



Analytical Report



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

Date Received: 05/02/09  
Work Order No: 09-05-0128  
Preparation: EPA 5030B  
Method: EPA 8021B  
Units: ug/L

Project: ExxonMobil 73567

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW1	09-05-0128-1-D	04/30/09 10:25	Aqueous	GC 8	05/04/09	05/04/09 13:12	090504B01

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
MW2	09-05-0128-2-D	04/30/09 10:35	Aqueous	GC 8	05/04/09	05/04/09 14:54	090504B01

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	3.3	0.50	0.14	1		Ethylbenzene	1.2	0.50	0.17	1	
Toluene	3.0	0.50	0.17	1		Xylenes (total)	4.0	1.0	0.26	1	
Surrogates:	REC (%)	Control Limits			Qual						
1,4-Bromofluorobenzene	110	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW3	09-05-0128-3-D	04/30/09 08:15	Aqueous	GC 8	05/04/09	05/04/09 15:28	090504B01

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									

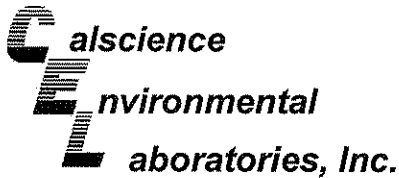
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW4	09-05-0128-4-D	04/30/09 09:30	Aqueous	GC 8	05/04/09	05/04/09 16:03	090504B01

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: 05/02/09  
Work Order No: 09-05-0128  
Preparation: EPA 5030B  
Method: EPA 8021B  
Units: ug/L

Project: ExxonMobil 73567

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW5</b>	<b>09-05-0128-5-D</b>	<b>04/30/09 08:55</b>	<b>Aqueous</b>	<b>GC 8</b>	<b>05/04/09</b>	<b>05/04/09 16:37</b>	<b>090504B01</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	107	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>09-05-0128-6-D</b>	<b>04/30/09 10:00</b>	<b>Aqueous</b>	<b>GC 8</b>	<b>05/04/09</b>	<b>05/04/09 17:11</b>	<b>090504B01</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	110	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>09-05-0128-7-D</b>	<b>04/30/09 11:20</b>	<b>Aqueous</b>	<b>GC 8</b>	<b>05/04/09</b>	<b>05/04/09 17:45</b>	<b>090504B01</b>

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

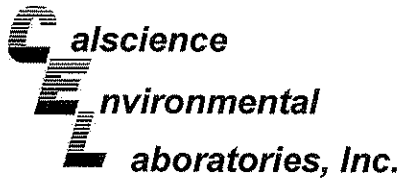
Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		Ethylbenzene	ND	0.50	0.17	1	
Toluene	ND	0.50	0.17	1		Xylenes (total)	ND	1.0	0.26	1	
Surrogates:	REC (%)	Control Limits			Qual						
1,4-Bromofluorobenzene	103	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW8</b>	<b>09-05-0128-8-D</b>	<b>04/30/09 11:00</b>	<b>Aqueous</b>	<b>GC 8</b>	<b>05/04/09</b>	<b>05/04/09 18:19</b>	<b>090504B01</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									

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



## Analytical Report



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

Date Received: 05/02/09  
Work Order No: 09-05-0128  
Preparation: EPA 5030B  
Method: EPA 8021B  
Units: ug/L

Project: ExxonMobil 73567

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW9	09-05-0128-9-D	04/30/09 08:35	Aqueous	GC 8	05/04/09	05/04/09 18:53	090504B01

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	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	107	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW10	09-05-0128-10-D	04/30/09 09:20	Aqueous	GC 8	05/04/09	05/04/09 19:26	090504B01

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	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	111	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW11	09-05-0128-11-D	04/30/09 11:10	Aqueous	GC 8	05/04/09	05/04/09 20:34	090504B01

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

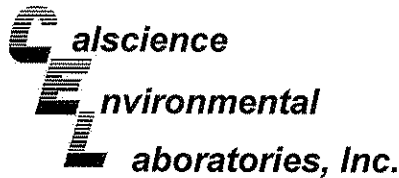
Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		Ethylbenzene	ND	0.50	0.17	1	
Toluene	ND	0.50	0.17	1		Xylenes (total)	ND	1.0	0.26	1	
Surrogates:	REC (%)	Control Limits			Qual						
1,4-Bromofluorobenzene	110	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW12	09-05-0128-12-D	04/30/09 11:40	Aqueous	GC 8	05/04/09	05/04/09 21:41	090504B01

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	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	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: 05/02/09  
Work Order No: 09-05-0128  
Preparation: EPA 5030B  
Method: EPA 8021B  
Units: ug/L

Project: ExxonMobil 73567

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW13	09-05-0128-13-D	04/30/09 11:55	Aqueous	GC 8	05/04/09	05/04/09 22:15	090504B01

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	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	108	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW14	09-05-0128-14-D	04/30/09 07:55	Aqueous	GC 8	05/04/09	05/04/09 22:48	090504B01

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

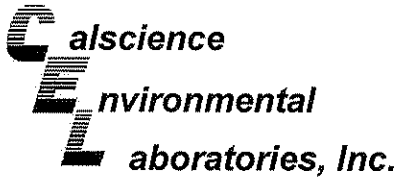
Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		Ethylbenzene	ND	0.50	0.17	1	
Toluene	ND	0.50	0.17	1		Xylenes (total)	ND	1.0	0.26	1	
Surrogates:	REC (%)	Control			Qual						
		Limits									
1,4-Bromofluorobenzene	110	70-130									

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-667-429	N/A	Aqueous	GC 8	05/04/09	05/04/09 11:31	090504B01

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	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	122	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: 05/02/09  
Work Order No: 09-05-0128  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

Project: ExxonMobil 73567

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW1	09-05-0128-1-A	04/30/09 10:25	Aqueous	GC/MS L	05/04/09	05/05/09 01:00	090504L02

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)	2.2	0.50	0.067	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	140	10	2.1	1							
<u>Surrogates:</u>		<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Limits</u>			<u>Qual</u>
1,2-Dichloroethane-d4	105	73-145				Dibromofluoromethane	108	81-135			
Toluene-d8	98	83-119				1,4-Bromofluorobenzene	98	74-110			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW2	09-05-0128-2-A	04/30/09 10:35	Aqueous	GC/MS L	05/04/09	05/05/09 02:50	090504L02

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

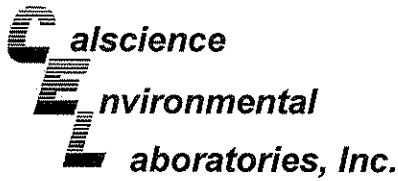
Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	0.18	0.50	0.067	1	J	Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	ND	10	2.1	1							
<u>Surrogates:</u>		<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Limits</u>			<u>Qual</u>
1,2-Dichloroethane-d4	112	73-145				Dibromofluoromethane	103	81-135			
Toluene-d8	97	83-119				1,4-Bromofluorobenzene	96	74-110			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW3	09-05-0128-3-A	04/30/09 08:15	Aqueous	GC/MS L	05/04/09	05/05/09 03:17	090504L02

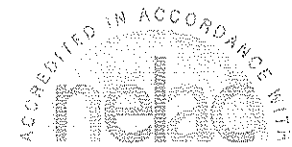
Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

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)	16	0.50	0.067	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	77	10	2.1	1							
<u>Surrogates:</u>		<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Limits</u>			<u>Qual</u>
1,2-Dichloroethane-d4	108	73-145				Dibromofluoromethane	101	81-135			
Toluene-d8	104	83-119				1,4-Bromofluorobenzene	96	74-110			

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



Analytical Report



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

Date Received: 05/02/09  
Work Order No: 09-05-0128  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

Project: ExxonMobil 73567

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW4	09-05-0128-4-A	04/30/09 09:30	Aqueous	GC/MS L	05/04/09	05/05/09 03:45	090504L02

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)	4.7	0.50	0.067	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	4.2	10	2.1	1	J						
<u>Surrogates:</u>		<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Limits</u>			<u>Qual</u>
1,2-Dichloroethane-d4	116	73-145				Dibromofluoromethane	102	81-135			
Toluene-d8	97	83-119				1,4-Bromofluorobenzene	95	74-110			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW5	09-05-0128-5-A	04/30/09 08:55	Aqueous	GC/MS L	05/04/09	05/05/09 04:12	090504L02

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

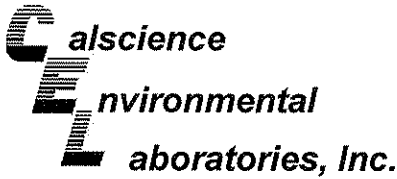
Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	1.4	0.50	0.067	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	ND	10	2.1	1							
<u>Surrogates:</u>		<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Limits</u>			<u>Qual</u>
1,2-Dichloroethane-d4	104	73-145				Dibromofluoromethane	103	81-135			
Toluene-d8	99	83-119				1,4-Bromofluorobenzene	98	74-110			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW6	09-05-0128-6-A	04/30/09 10:00	Aqueous	GC/MS L	05/04/09	05/05/09 04:39	090504L02

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)	0.25	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							
<u>Surrogates:</u>		<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Limits</u>			<u>Qual</u>
1,2-Dichloroethane-d4	107	73-145				Dibromofluoromethane	103	81-135			
Toluene-d8	99	83-119				1,4-Bromofluorobenzene	97	74-110			

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



Analytical Report



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

Date Received: 05/02/09  
Work Order No: 09-05-0128  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

Project: ExxonMobil 73567

Page 3 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW7	09-05-0128-7-A	04/30/09 11:20	Aqueous	GC/MS L	05/04/09	05/05/09 05:07	090504L02

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)	2.2	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							
<b>Surrogates:</b>		<b>REC (%)</b>	<b>Control Limits</b>		<b>Qual</b>	<b>Surrogates:</b>		<b>REC (%)</b>	<b>I Limits</b>		<b>Qual</b>
1,2-Dichloroethane-d4	114	73-145				Dibromofluoromethane	105	81-135			
Toluene-d8	100	83-119				1,4-Bromofluorobenzene	95	74-110			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW8	09-05-0128-8-A	04/30/09 11:00	Aqueous	GC/MS L	05/04/09	05/05/09 05:34	090504L02

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

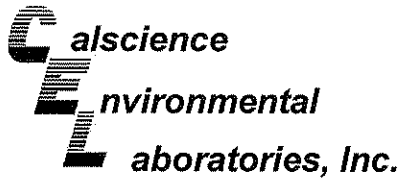
Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
1,2-Dibromoethane	ND	0.50	0.12	1		Diisopropyl Ether (DIPE)	ND	0.50	0.028	1	
1,2-Dichloroethane	ND	0.50	0.080	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.036	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.067	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.030	1	
Tert-Butyl Alcohol (TBA)	ND	10	2.1	1							
<b>Surrogates:</b>		<b>REC (%)</b>	<b>Control Limits</b>		<b>Qual</b>	<b>Surrogates:</b>		<b>REC (%)</b>	<b>I Limits</b>		<b>Qual</b>
1,2-Dichloroethane-d4	115	73-145				Dibromofluoromethane	102	81-135			
Toluene-d8	97	83-119				1,4-Bromofluorobenzene	95	74-110			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW9	09-05-0128-9-A	04/30/09 08:35	Aqueous	GC/MS L	05/04/09	05/05/09 06:01	090504L02

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							
<b>Surrogates:</b>		<b>REC (%)</b>	<b>Control Limits</b>		<b>Qual</b>	<b>Surrogates:</b>		<b>REC (%)</b>	<b>I Limits</b>		<b>Qual</b>
1,2-Dichloroethane-d4	107	73-145				Dibromofluoromethane	102	81-135			
Toluene-d8	112	83-119				1,4-Bromofluorobenzene	95	74-110			

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



Analytical Report



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

Date Received: 05/02/09  
Work Order No: 09-05-0128  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

Project: ExxonMobil 73567

Page 4 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW10	09-05-0128-10-A	04/30/09 09:20	Aqueous	GC/MS L	05/04/09	05/05/09 06:29	090504L02

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							
<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	107	73-145				Dibromofluoromethane	103	81-135			
Toluene-d8	98	83-119				1,4-Bromofluorobenzene	97	74-110			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW11	09-05-0128-11-A	04/30/09 11:10	Aqueous	GC/MS L	05/04/09	05/05/09 06:56	090504L02

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							
<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	111	73-145				Dibromofluoromethane	102	81-135			
Toluene-d8	99	83-119				1,4-Bromofluorobenzene	104	74-110			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW12	09-05-0128-12-A	04/30/09 11:40	Aqueous	GC/MS L	05/04/09	05/05/09 07:23	090504L02

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	108	73-145				Dibromofluoromethane	102	81-135			
Toluene-d8	109	83-119				1,4-Bromofluorobenzene	98	74-110			

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

## Analytical Report



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

Date Received: 05/02/09  
Work Order No: 09-05-0128  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

Project: ExxonMobil 73567

Page 5 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW13	09-05-0128-13-A	04/30/09 11:55	Aqueous	GC/MS L	05/04/09	05/05/09 07:51	090504L02

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	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)	2.3	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	111	73-145				Dibromofluoromethane	102	81-135			
Toluene-d8	97	83-119				1,4-Bromofluorobenzene	97	74-110			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW14	09-05-0128-14-A	04/30/09 07:55	Aqueous	GC/MS L	05/04/09	05/05/09 08:18	090504L02

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	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)	7.4	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	113	73-145				Dibromofluoromethane	104	81-135			
Toluene-d8	100	83-119				1,4-Bromofluorobenzene	98	74-110			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-10-025-987	N/A	Aqueous	GC/MS L	05/04/09	05/05/09 00:05	090504L02

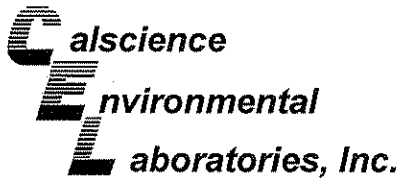
Comment(s): -Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	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	106	73-145				Dibromofluoromethane	96	81-135			
Toluene-d8	104	83-119				1,4-Bromofluorobenzene	94	74-110			

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







Quality Control - Spike/Spike Duplicate



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

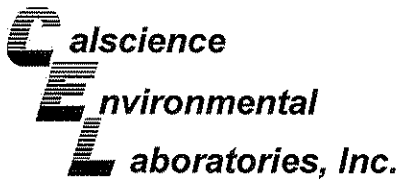
Date Received: 05/02/09  
 Work Order No: 09-05-0128  
 Preparation: EPA 5030B  
 Method: EPA 8015B (M)

Project ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW6	Aqueous	GC 25	05/08/09	05/08/09	090508S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	95	94	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

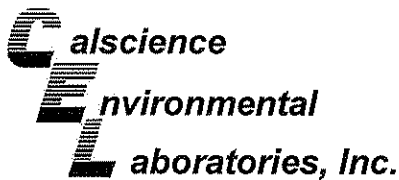
Date Received: 05/02/09  
 Work Order No: 09-05-0128  
 Preparation: EPA 5030B  
 Method: EPA 8021B

Project ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW1	Aqueous	GC 8	05/04/09	05/04/09	090504S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	114	113	57-129	1	0-23	
Toluene	102	100	50-134	2	0-26	
Ethylbenzene	103	101	58-130	2	0-26	
p/m-Xylene	108	105	58-130	3	0-28	
o-Xylene	100	97	57-123	3	0-26	
Methyl-t-Butyl Ether (MTBE)	119	118	44-134	1	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

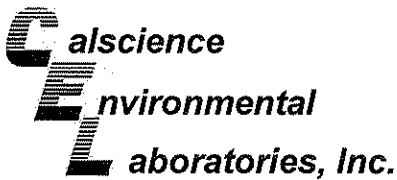
Date Received: 05/02/09  
Work Order No: 09-05-0128  
Preparation: EPA 5030B  
Method: EPA 8260B

Project ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW1	Aqueous	GC/MS L	05/04/09	05/05/09	090504S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	99	86-122	7	0-8	
Carbon Tetrachloride	103	103	78-138	0	0-9	
Chlorobenzene	103	102	90-120	0	0-9	
1,2-Dibromoethane	93	95	70-130	1	0-30	
1,2-Dichlorobenzene	101	98	89-119	3	0-10	
1,1-Dichloroethene	92	102	52-142	10	0-23	
Ethylbenzene	103	103	70-130	1	0-30	
Toluene	100	111	85-127	10	0-12	
Trichloroethene	93	99	78-126	7	0-10	
Vinyl Chloride	82	91	56-140	10	0-21	
Methyl-t-Butyl Ether (MTBE)	86	99	64-136	11	0-28	
Tert-Butyl Alcohol (TBA)	109	72	27-183	10	0-60	
Diisopropyl Ether (DIPE)	71	92	78-126	25	0-16	3,4
Ethyl-t-Butyl Ether (ETBE)	92	101	67-133	9	0-21	
Tert-Amyl-Methyl Ether (TAME)	96	95	63-141	2	0-21	
Ethanol	95	80	11-167	17	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

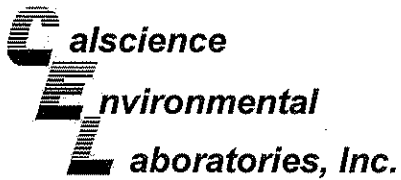
Date Received: N/A  
 Work Order No: 09-05-0128  
 Preparation: EPA 3510C  
 Method: EPA 8015B (M)

Project: ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-330-1,071	Aqueous	GC 47	05/06/09	05/07/09	090506B11

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	99	104	75-117	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

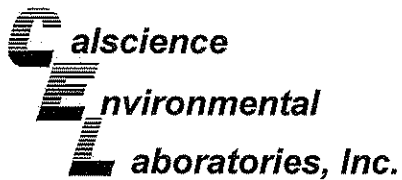
Date Received: N/A  
 Work Order No: 09-05-0128  
 Preparation: EPA 5030B  
 Method: EPA 8015B (M)

Project: ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-3,214	Aqueous	GC 25	05/08/09	05/08/09	090508B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	109	113	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

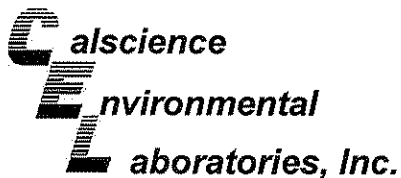
Date Received: N/A  
Work Order No: 09-05-0128  
Preparation: EPA 5030B  
Method: EPA 8021B

Project: ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-667-429	Aqueous	GC 8	05/04/09	05/04/09	090504B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	111	117	70-118	6	0-9	
Toluene	98	107	66-114	8	0-9	
Ethylbenzene	101	99	72-114	1	0-9	
p/m-Xylene	104	104	74-116	1	0-9	
o-Xylene	97	96	72-114	1	0-9	
Methyl-t-Butyl Ether (MTBE)	117	128	41-137	9	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: 09-05-0128  
Preparation: EPA 5030B  
Method: EPA 8260B

Project: ExxonMobil 73567

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-10-025-987	Aqueous	GC/MS L	05/04/09	05/04/09	090504L02		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	101	101	87-117	82-122	0	0-7	
Carbon Tetrachloride	106	105	78-132	69-141	1	0-8	
Chlorobenzene	100	101	88-118	83-123	1	0-8	
1,2-Dibromoethane	95	95	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	99	99	88-118	83-123	0	0-8	
1,1-Dichloroethene	105	105	71-131	61-141	0	0-14	
Ethylbenzene	101	103	80-120	73-127	2	0-20	
Toluene	97	114	85-127	78-134	15	0-7	X
Trichloroethene	106	107	85-121	79-127	1	0-11	
Vinyl Chloride	92	90	64-136	52-148	1	0-10	
Methyl-t-Butyl Ether (MTBE)	96	94	67-133	56-144	2	0-16	
Tert-Butyl Alcohol (TBA)	96	99	34-154	14-174	3	0-19	
Diisopropyl Ether (DIPE)	102	102	80-122	73-129	0	0-8	
Ethyl-t-Butyl Ether (ETBE)	99	101	73-127	64-136	2	0-11	
Tert-Amyl-Methyl Ether (TAME)	97	96	69-135	58-146	1	0-12	
Ethanol	84	84	34-124	19-139	0	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: 09-05-0128

<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. Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.





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>				LAB USE ONLY <b>050128</b>			
TURNAROUND TIME <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 DAYS <input type="checkbox"/> 10 DAYS													
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWQCB REPORTING <input type="checkbox"/> ARCHIVE SAMPLES UNTIL ___/___/___						TPH-g by EPA Method 8015B		BTX by EPA Method 8021B (M)		TPH-d by EPA Method 8015B *			
SPECIAL INSTRUCTIONS <b>edf file required, Global ID #T0600100539</b> email report to eappel@eticeng.com & eticlabreports@eticeng.com * Use Silica Gel Cleanup for TPH-d analysis ** Set TBA detection limits at of less than 12 µg/l						MTBE, TBA, DIPE, TAME, ETBE, EDB, 1,2-DCA by EPA Method 8260B **							
LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING		Matrix	#Cont							
			DATE	TIME									
1	MW1		04-30-09	1035	Water	8	X	X	X	X			
2	MW2			1035	Water	8	X	X	X	X			
3	MW3			0815	Water	8	X	X	X	X			
4	MW4			0930	Water	8	X	X	X	X			
5	MW5			0855	Water	8	X	X	X	X			
6	MW6			1000	Water	8	X	X	X	X			
7	MW7			1120	Water	8	X	X	X	X			
8	MW8			1100	Water	8	X	X	X	X			
9	MW9			0835	Water	8	X	X	X	X			
10	MW10			0920	Water	8	X	X	X	X			
Relinquished by: (Signature) <i>[Signature]</i>						Received by: (Signature) <i>[Signature]</i> <b>CEL</b>				Date: <b>5-1-09</b>		Time: <b>1610</b>	
Relinquished by: (Signature) <i>[Signature]</i>						Received by: (Signature) <i>[Signature]</i> <b>CEL</b>				Date: <b>5-2-09</b>		Time: <b>930</b>	
Relinquished by: (Signature) <i>[Signature]</i>						Received by: (Signature) <i>[Signature]</i>				Date:		Time:	

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**SAMPLE RECEIPT FORM**

Cooler 1 of 2

CLIENT: ETIC

DATE: 5/2/09

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

Temperature 4.3 °C - 0.2 °C (CF) = 4.1 °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: WJC

**CUSTODY SEALS INTACT:**

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

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"/>
<input type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
<input type="checkbox"/> COC not relinquished. <input type="checkbox"/> No date relinquished. <input type="checkbox"/> No time relinquished.			
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"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
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  VOA<sup>6</sup>h  VOAna<sub>2</sub>  125AGB  125AGBh  125AGBp  1AGB  1AGBna<sub>2</sub>  1AGBs

500AGB  500AGJ  500AGJs  250AGB  250CGB  250CGBs  1PB  500PB  500PBna

250PB  250PBn  125PB  125PBz<sup>2</sup>na  100PB  100PBna<sub>2</sub>  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

**Air:**  Tedlar®  Summa®  \_\_\_\_\_ **Other:**  \_\_\_\_\_

Checked/Labeled by: SD

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar (Wide-mouth) B: Bottle (Narrow-mouth) Reviewed by: AK

Preservative: h: HCL n: HNO3 na<sub>2</sub>: Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> Na: NaOH p: H<sub>3</sub>PO<sub>4</sub> s: H<sub>2</sub>SO<sub>4</sub> z<sup>2</sup>na: ZnAc<sub>2</sub>+NaOH f: Field-filtered Scanned by: SD

# SAMPLE RECEIPT FORM

Cooler 2 of 2

CLIENT: ETIC

DATE: 5/2/09

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

Temperature 4.4 °C - 0.2 °C (CF) = 4.2 °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: NJC

**CUSTODY SEALS INTACT:**

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

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"/>
<input type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
<input type="checkbox"/> COC not relinquished. <input type="checkbox"/> No date relinquished. <input type="checkbox"/> No time relinquished.			
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"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
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     125AGBp     1AGB     1AGBna<sub>2</sub>     1AGBs

500AGB     500AGJ     500AGJs     250AGB     250CGB     250CGBs     1PB     500PB     500PBna

250PB     250PBn     125PB     125PBz<sub>2</sub>na     100PB     100PBna<sub>2</sub>     \_\_\_\_\_     \_\_\_\_\_     \_\_\_\_\_

**Air:**     Tedlar®     Summa®     \_\_\_\_\_    **Other:**     \_\_\_\_\_    **Checked/Labeled by:** SD

**Container:** C: Clear    A: Amber    P: Plastic    G: Glass J: Jar (Wide-mouth)    B: Bottle (Narrow-mouth)    **Reviewed by:** SD

**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    p: H<sub>3</sub>PO<sub>4</sub>    s: H<sub>2</sub>SO<sub>4</sub>    z<sub>2</sub>na: ZnAc<sub>2</sub>+NaOH    f: Field-filtered    **Scanned by:** SD