**ExxonMobil Environmental Services Company**
4096 Piedmont Avenue #194
Oakland, California 94611
510 547 8196 Telephone
510 547 8706 Facsimile

**Jennifer C. Sedlachek**
Project Manager

**RECEIVED**

9:57 am, Sep 23, 2009

Alameda County
Environmental Health

ExxonMobil

September 18, 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, Third Quarter 2009* for the above-referenced site. The report, prepared by ETIC Engineering, Inc. of Pleasant Hill, California, details the results of the August 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
# Third 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

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

PROFESSIONAL GEOLOGIST
KRISTOPHER ERIK APPEL
No. 8092
STATE OF CALIFORNIA

September 18, 2009
Date

September 2009

**SITE CONTACTS**

| | |
|---|---|
| Site Name: | Former Exxon Retail Site 73567 |
| Site Address: | 3192 Santa Rita Road<br>Pleasanton, California |
| ExxonMobil Project Manager: | Jennifer C. Sedlachek<br>ExxonMobil Environmental Services Company<br>4096 Piedmont Avenue #194<br>Oakland, California 94611<br>(510) 547-8196 |
| Consultant to ExxonMobil: | ETIC Engineering, Inc.<br>2285 Morello Avenue<br>Pleasant Hill, California 94523<br>(925) 602-4710 |
| ETIC Project Manager: | K. Erik Appel |
| Regulatory Oversight: | Jerry T. Wickham<br>Alameda County Health Care Services Agency<br>1131 Harbor Bay Parkway, Suite 250<br>Alameda, California 94502-6577<br>(510) 567-6700 |
| | Eddy So<br>California Regional Water Quality Control Board<br>San Francisco Bay Region<br>1515 Clay Street, Suite 1400<br>Oakland, California 94612<br>(510) 622-2342 |
| | Colleen Morf<br>Zone 7 Water Agency<br>100 North Canyons Parkway<br>Livermore, California 94551<br>(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 30 April 2009, the date of the previous monitoring event, until 10 August 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

| | |
|---|---|
| **Site name:** | Former Exxon Retail Site 73567 |
| **Site address:** | 3192 Santa Rita Road, Pleasanton, California |
| **Current property owner:** | MHCB USA Leasing & Finance Corporation |
| **Current site use:** | Active Valero-branded station and auto repair facility operated by Steve Roesbery Incorporated; fuel system owned and maintained by Valero Energy Corporation |
| **Current phase of project:** | Groundwater monitoring |
| **Tanks at site:** | Five underground storage tanks (five grades of gasoline) |
| **Number of wells:** | 14 (all onsite) |

## GROUNDWATER MONITORING SUMMARY

| | |
|---|---|
| **Gauging and sampling date:** | 10 August 2009 |
| **Wells gauged and sampled:** | MW1-MW3, MW5-MW13 |
| **Wells gauged only:** | MW4, MW14 |
| **Groundwater flow direction (upper water-bearing zone):** | East-southeast |
| **Groundwater gradient (upper water-bearing zone):** | 0.089 |
| **Groundwater flow direction (lower water-bearing zone):** | West |
| **Groundwater gradient (lowe water-bearing zone):** | 0.027 |
| **Well screens submerged:** | MW7-MW10, MW12 |
| **Well screens not submerged:** | MW1-MW6, MW11, MW13, and MW14 |
| **Liquid-phase hydrocarbons:** | Not observed or detected |
| **Laboratory:** | 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.

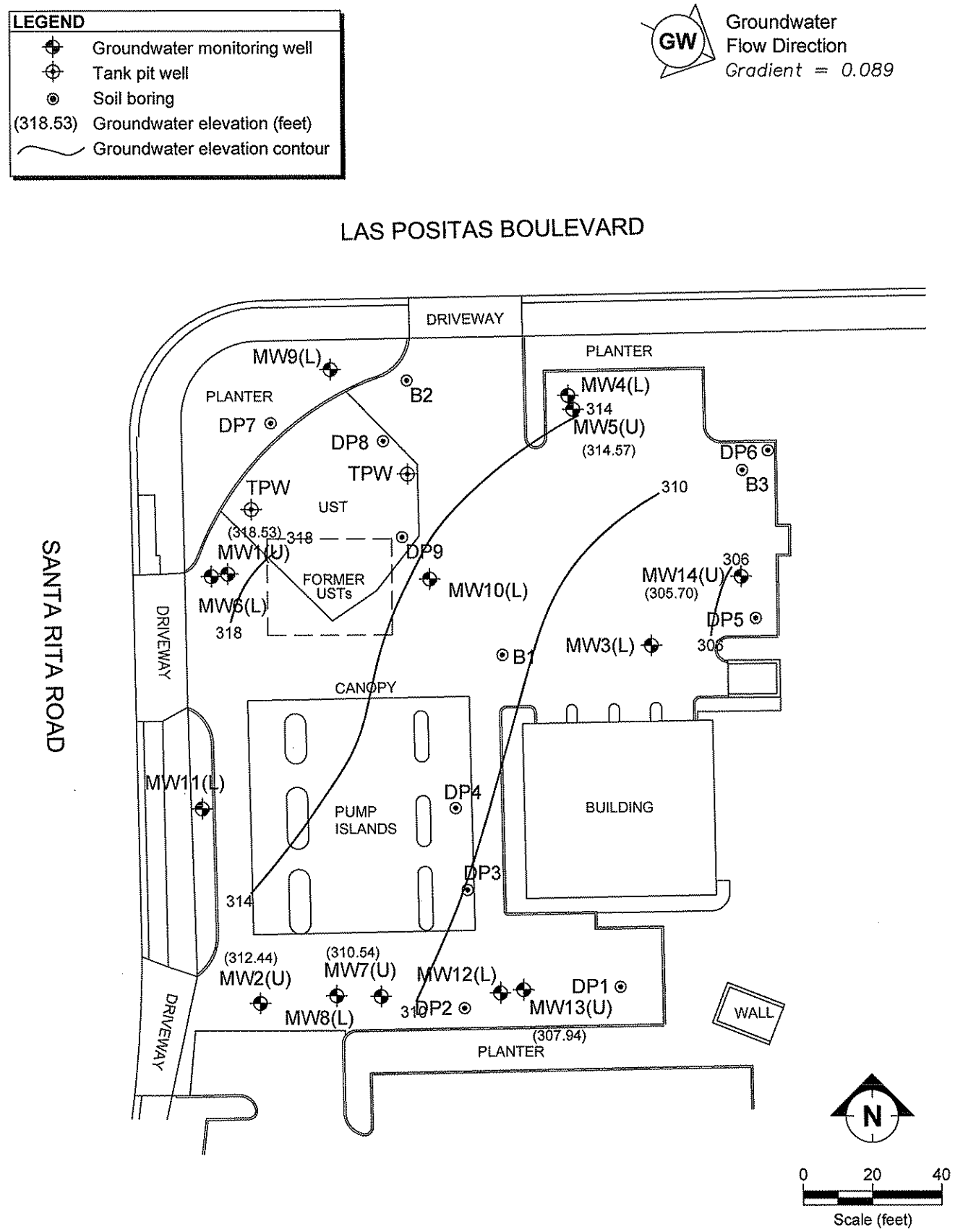
## CONCLUSIONS AND RECOMMENDATIONS

In a letter dated 24 July 2009 the Alameda County Health Care Services Agency recommended that the monitoring and sampling be reduced from quarterly to semi-annually. As of this quarter, wells MW9 through MW14 have been sampled for four quarters. Groundwater will be monitored and sampled during the first and third quarters of the year. The attached groundwater monitoring plan has been updated to follow this recommendation.

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




FILENAME: 3q2009.DWG 08/21/09

ETIC ENGINEERING

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

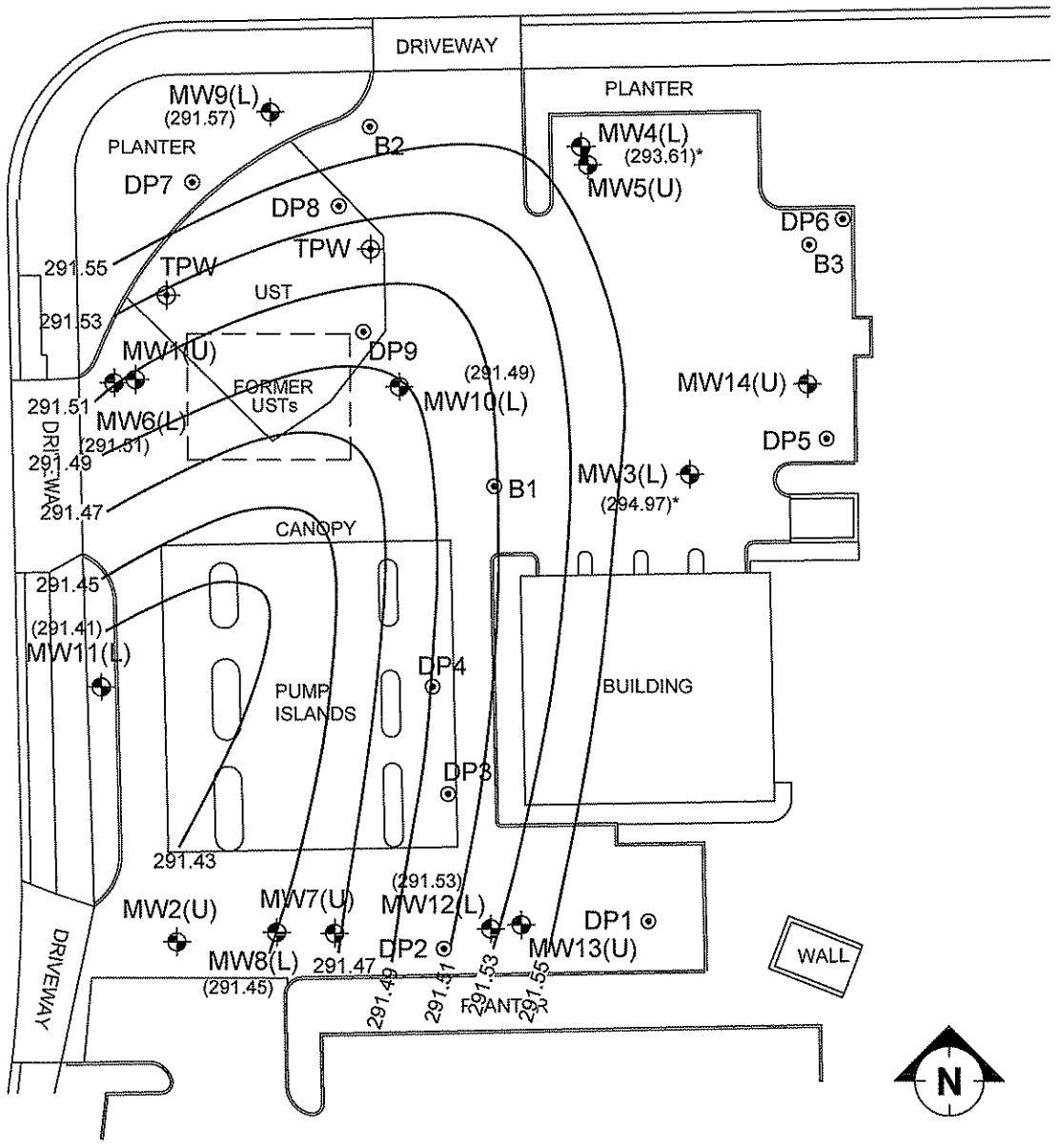
FIGURE: 1

| LEGEND | |
|---|---|
| ⊕ | Groundwater monitoring well |
| ⊕ | Tank pit well |
| ◉ | Soil boring |
| (294.97) | Groundwater elevation (feet) |
| ~ | Groundwater elevation contour (feet) |
| * | Not used to determine groundwater gradient |

GW Groundwater Flow Direction
*Gradient = 0.027*

LAS POSITAS BOULEVARD

SANTA RITA ROAD

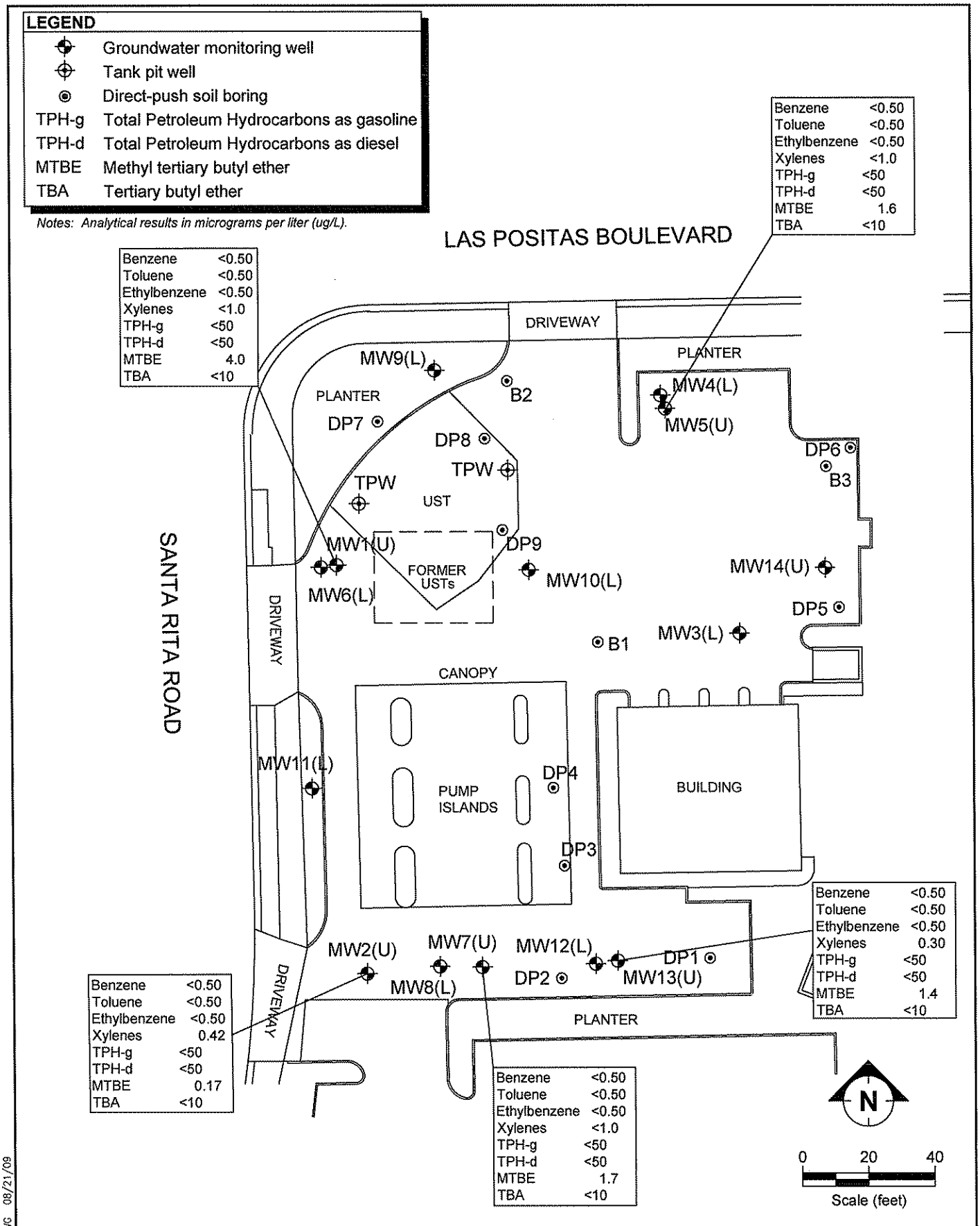



FILENAME: 3q2009.DWG 08/21/09

ETIC ENGINEERING

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

FIGURE: **2**

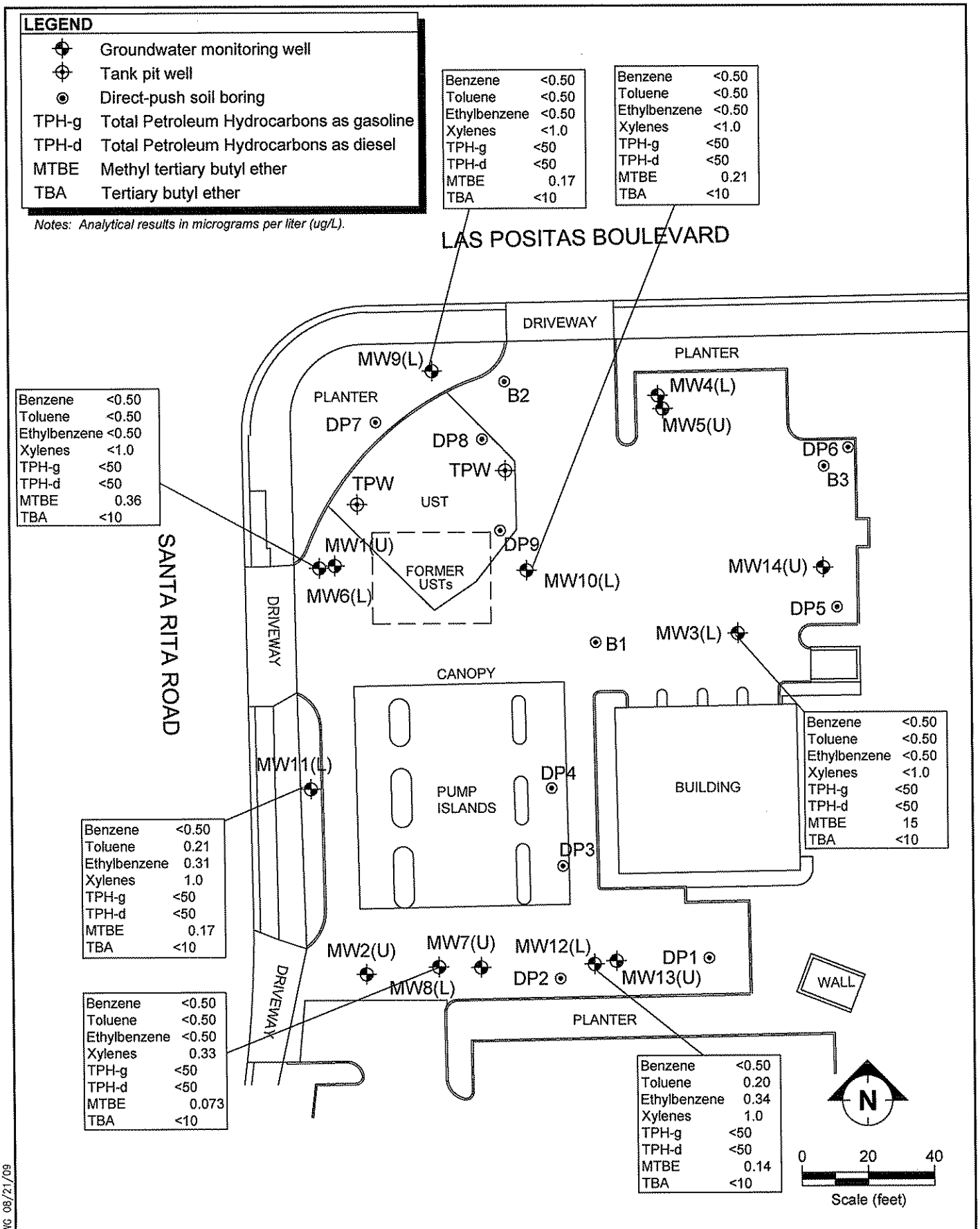



FILENAME: 3q2009.DWG 08/21/09

ETIC ENGINEERING

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

FIGURE: 3




FILENAME: 3q2009.DWG 08/21/09

ETIC ENGINEERING

SITE MAP SHOWING ANALYTICAL DATA FOR LOWER WATER-BEARING ZONE
FORMER EXXON RS 73567
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA
10 AUGUST 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**

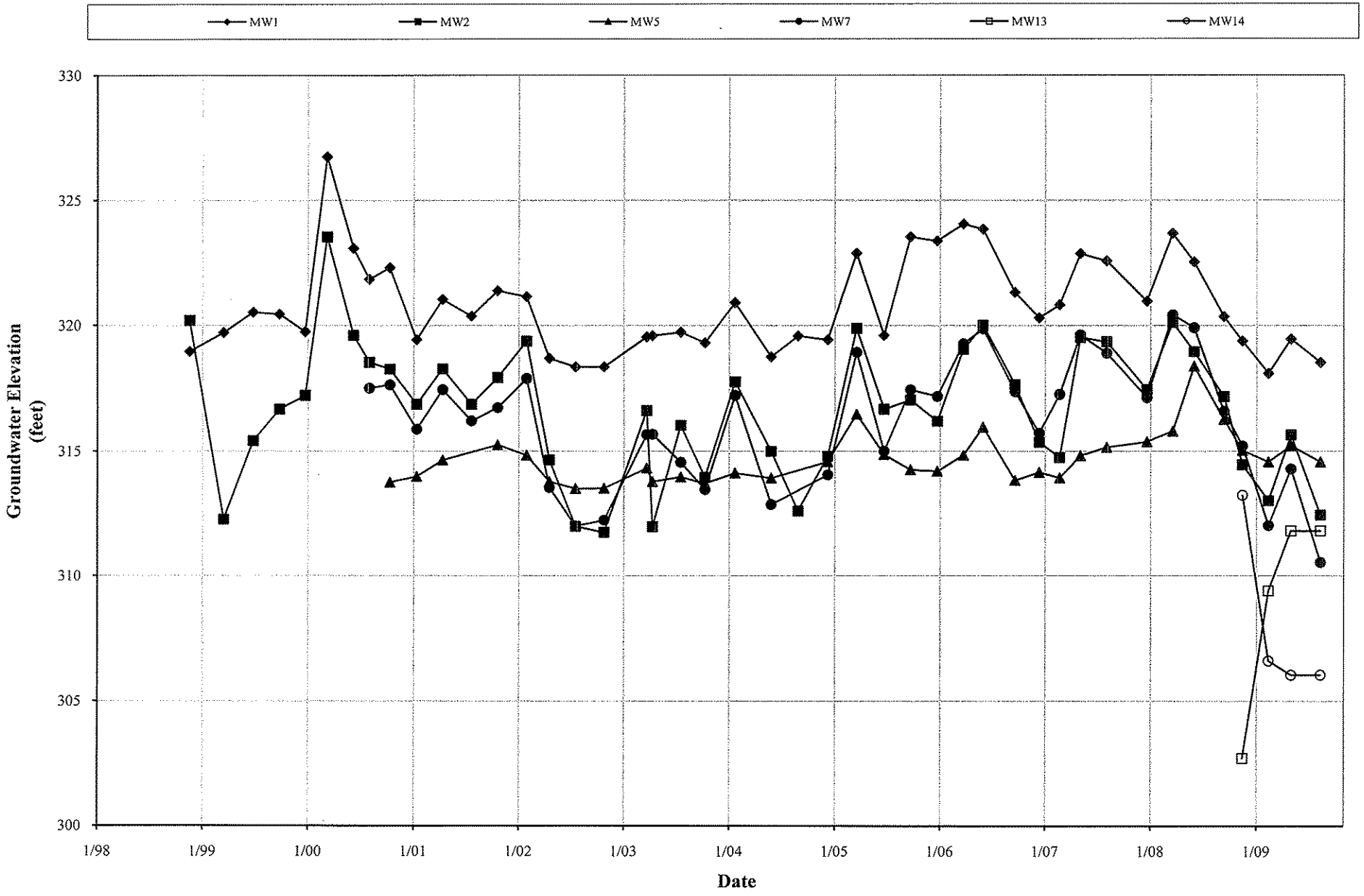
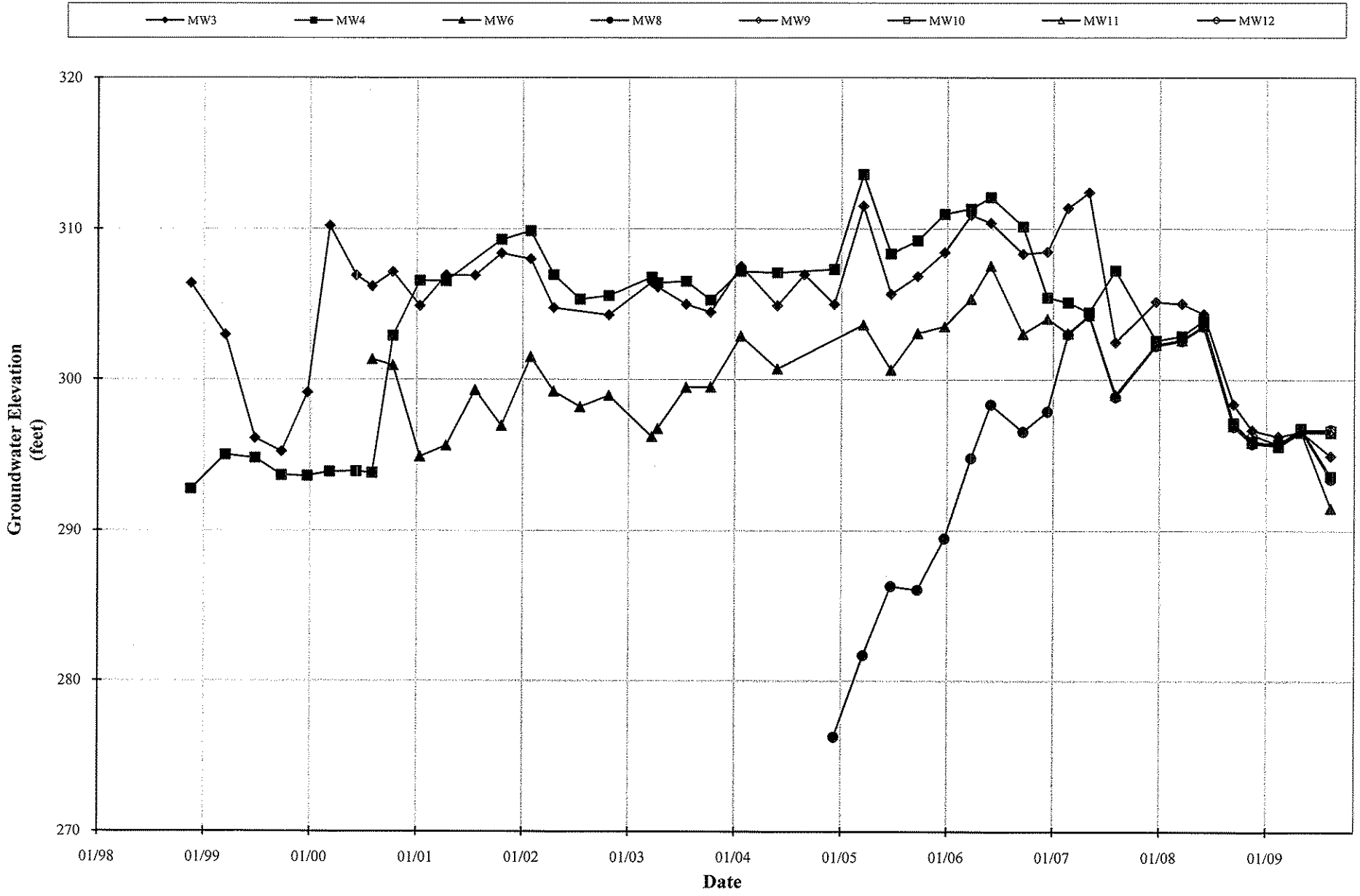


**Figure 6 - Groundwater Elevations vs. Time**
**Lower Water-Bearing Zone (Wells MW3, MW4, MW6, and MW8)**
**Former Exxon RS 73567**
**3192 Santa Rita Road, Pleasanton, California**



# 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 | 33 |
| MW1 | 07/20/01 | | 340.86 | 20.50 | 320.36 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <50 | | 20 |
| MW1 | 10/19/01 | | 340.86 | 19.48 | 321.38 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <50 | | 420 |
| MW1 | 11/01/01 | | 340.86 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | | |
| MW1 | 01/28/02 | | 340.86 | 19.72 | 321.14 | <0.50 | <0.50 | <0.50 | <0.50 | 178 | <100 | | -- |
| MW1 | 04/17/02 | | 340.86 | 22.17 | 318.69 | <0.5 | <0.50 | <0.50 | <0.50 | 124 | <50 | | 131 |
| MW1 | 07/17/02 | | 340.86 | 22.51 | 318.35 | <0.5 | <0.5 | <0.5 | <0.5 | <50.0 | <50 | | 8.76 |
| MW1 | 10/24/02 | | 340.86 | 22.51 | 318.35 | <0.5 | <0.5 | <0.5 | <0.5 | 217 | <50 | | 302 |
| MW1 | 03/21/03 | | 340.86 | 21.32 | 319.54 | <0.50 | <0.5 | <0.5 | <0.5 | 70.9 | <50 | | 83.4 |
| MW1 | 04/10/03 | | 340.86 | 21.27 | 319.59 | <0.50 | <0.5 | <0.5 | <0.5 | 67.2 | <51 | | 71.0 |
| MW1 | 07/17/03 | | 340.86 | 21.13 | 319.73 | <0.50 | <0.5 | <0.5 | <0.5 | 88.9 | <50 | | 44.6 |
| MW1 | 10/09/03 | | 340.86 | 21.55 | 319.31 | <0.50 | <0.5 | <0.5 | <0.5 | <50.0 | <50 | | 41.2 |
| MW1 | 01/21/04 | | 340.86 | 19.96 | 320.90 | <0.50 | <0.5 | <0.5 | <0.5 | 625 | <50 | | 974 |
| MW1 | 05/25/04 | | 340.86 | 22.11 | 318.75 | <0.50 | <0.5 | <0.5 | <0.5 | 196 | <50 | | 204 |
| MW1 | 08/26/04 | | 340.86 | 21.28 | 319.58 | <0.50 | <0.5 | <0.5 | <0.5 | 148 | 57 | | 153 |
| MW1 | 12/07/04 | j | 340.86 | 21.43 | 319.43 | <0.50 | <0.5 | <0.5 | <0.5 | 966 | <50 | | 1,130 |
| MW1 | 03/17/05 | | 340.86 | 17.99 | 322.87 | <0.50 | <0.5 | <0.5 | <0.5 | 1,720 | 57 | k | 2,600 |
| MW1 | 06/20/05 | | 340.86 | 21.26 | 319.60 | <0.50 | <0.5 | <0.5 | 1.0 | 74.4 | <50 | | 103 |
| MW1 | 09/20/05 | | 340.86 | 17.33 | 323.53 | <0.50 | <0.50 | <0.50 | <0.50 | <50.0 | 228 | k | 15.3 |
| MW1 | 12/22/05 | | 340.86 | 17.49 | 323.37 | <0.50 | <0.50 | <0.50 | <0.50 | <50.0 | <50.0 | | 14.6 |
| MW1 | 03/23/06 | | 340.86 | 16.81 | 324.05 | <0.50 | <0.50 | <0.50 | <0.50 | <50 | <47 | | 10.4 |
| MW1 | 05/30/06 | | 340.86 | 17.02 | 323.84 | <0.50 | <0.50 | <0.50 | <0.50 | <50 | <47 | | 4.6 |
| MW1 | 09/18/06 | | 340.86 | 19.55 | 321.31 | <0.50 | <0.50 | <0.50 | <0.50 | <50.0 | <47.2 | | 2.15 |
| MW1 | 12/11/06 | | 340.86 | 20.56 | 320.30 | <0.50 | <0.50 | <0.50 | <0.50 | <50 | <47 | | 2.3 |
| MW1 | 02/20/07 | | 340.86 | 20.04 | 320.82 | <0.50 | <0.50 | <0.50 | <0.50 | <50.0 | <47 | | 1.31 |

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

| Well Number | Date | | Reference Elevation (feet) | Depth to Water (feet) | Groundwater Elevation (feet) | Concentration (µg/L) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Benzene | Toluene | Ethyl-benzene | 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 |
| MW1 | 04/30/09 | | 340.86 | 21.40 | 319.46 | <0.50 | <0.50 | <0.50 | <1.0 | <50 | <50 | 2.2 |
| **MW1** | **08/10/09** | | **340.86** | **22.33** | **318.53** | **<0.50** | **<0.50** | **<0.50** | **<1.0** | **<50** | **<50** | **4.0** |
| 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 |

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

| Well Number | Date | | Reference Elevation (feet) | Depth to Water (feet) | Groundwater Elevation (feet) | Concentration (µg/L) Benzene | | Toluene | | Ethyl-benzene | Total Xylenes | | TPH-g | | TPH-d | | MTBE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW2 | 08/26/04 | | 340.16 | 27.56 | 312.60 | <0.50 | | <0.5 | | <0.5 | <0.5 | | <50.0 | | <50 | | <0.50 | |
| MW2 | 12/07/04 | j | 340.16 | 25.36 | 314.80 | <0.50 | | <0.5 | | <0.5 | <0.5 | | <50.0 | | <50 | | 8.6 | |
| 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 | <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 | |
| MW2 | 04/30/09 | | 340.62 | 24.97 | 315.65 | 3.3 | | 3.0 | | 1.2 | 4.0 | | <50 | | <50 | | 0.18 | s |
| **MW2** | **08/10/09** | | **340.62** | **28.18** | **312.44** | **<0.50** | | **<0.50** | | **<0.50** | **0.4** | **s** | **<50** | | **<50** | | **0.17** | **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 | 113 | |
| MW3 | 09/24/99 | | 342.95 | 47.71 | 295.24 | -- | | -- | | -- | -- | | -- | | -- | | -- | |
| MW3 | 12/22/99 | | 342.95 | 43.82 | 299.13 | <0.5 | | <0.5 | | <0.5 | <0.5 | | <50 | | 140 | | -- | |
| MW3 | 03/07/00 | | 342.95 | 32.75 | 310.20 | <0.5 | | 0.88 | | <0.5 | <0.5 | | <50 | | <50 | | -- | |
| MW3 | 06/06/00 | | 342.95 | 36.05 | 306.90 | <0.5 | | <0.5 | | 0.82 | <0.5 | | <50 | | <50 | | -- | |
| MW3 | 06/16/00 | | 342.95 | Property transferred to Valero Refining Company. | | | | | | | | | | | | | | |
| MW3 | 07/31/00 | | 342.95 | 36.77 | 306.18 | <0.5 | | <0.5 | | <0.5 | <0.5 | | <50 | | <50 | | 160 | |
| MW3 | 10/10/00 | | 342.95 | 35.82 | 307.13 | <0.5 | | <0.5 | | <0.5 | <0.5 | | <50 | | <50 | | -- | |
| MW3 | 01/11/01 | | 342.95 | 38.08 | 304.87 | <0.5 | | <0.5 | | <0.5 | <0.5 | | <50 | | <50 | | 230 | |
| MW3 | 04/11/01 | | 342.95 | 36.03 | 306.92 | <0.5 | | <0.5 | | <0.5 | <0.5 | | <50 | | 1,000 | e | 280 | |
| MW3 | 07/20/01 | | 342.95 | 36.05 | 306.90 | <0.5 | | <0.5 | | <0.5 | <0.5 | | 270 | | <50 | | 190 | |
| MW3 | 10/19/01 | | 342.95 | 34.58 | 308.37 | <0.5 | | <0.5 | | <0.5 | <0.5 | | <50 | | <50 | | 190 | |

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 | 11/01/01 | 342.95 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | |
| MW3 | 01/28/02 | 342.95 | 34.96 | 307.99 | <0.50 | <0.50 | <0.50 | <0.50 | 167 | <100 | -- |
| MW3 | 04/17/02 | 342.95 | 38.21 | 304.74 | <0.5 | <0.50 | <0.50 | <0.50 | 194 | <50 | 216 |
| MW3 | 07/17/02 | 342.95 | -- g | -- g | <0.5 h | <0.5 h | <0.5 h | <0.5 h | 163 h | <50 h | 198 h |
| 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 |
| MW3 | 04/30/09 | 342.97 | 46.39 | 296.58 | <0.50 | <0.50 | <0.50 | <1.0 | <50 | <50 | 16 |
| **MW3** | **08/10/09** | **342.97** | **48.00** | **294.97** | **<0.50** | **<0.50** | **<0.50** | **<1.0** | **<50** | **<50** | **15** |
| 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 |

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

| Well Number | Date | | Reference Elevation (feet) | Depth to Water (feet) | Groundwater Elevation (feet) | Concentration (µg/L) Benzene | Toluene | Ethyl-benzene | Total Xylenes | TPH-g | TPH-d | MTBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW4 | 06/25/99 | b | 342.96 | 48.15 | 294.81 | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 09/24/99 | b | 342.96 | 49.29 | 293.67 | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 12/22/99 | | 342.96 | 49.33 | 293.63 | -- | -- | -- | -- | -- | -- b | -- |
| MW4 | 03/07/00 | | 342.96 | 49.05 | 293.91 | <0.5 | 0.84 | <0.5 | <0.5 | <50 | 190 | -- |
| MW4 | 06/06/00 | | 342.96 | 49.02 | 293.94 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | 110 | -- |
| MW4 | 06/16/00 | | 342.96 | Property transferred to Valero Refining Company. | | | | | | | | |
| MW4 | 07/31/00 | | 342.96 | 49.13 | 293.83 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <50 | 490 |
| MW4 | 10/10/00 | | 342.96 | 40.08 | 302.88 | -- c | -- c | -- c | -- 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 | <0.5 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 | -- 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 | -- f |
| MW4 | 05/03/07 | | 342.96 | 38.52 | 304.44 | 1 | <0.50 | 1 | 1.4 | <50 | <47 | 30 |
| MW4 | 08/02/07 | | 342.96 | 35.74 | 307.22 | <0.50 | <0.50 | <0.50 | <0.50 | <50 | <48 | 23 |

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

| Well Number | Date | | Reference Elevation (feet) | Depth to Water (feet) | Groundwater Elevation (feet) | Concentration (µg/L) Benzene | | Toluene | | Ethyl-benzene | | Total Xylenes | | TPH-g | | TPH-d | | MTBE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW4 | 12/19/07 | | 342.96 | 40.40 | 302.56 | <1.00 | | <1.00 | | <1.00 | | <3.00 | | <100 | | <94.3 | | 15.9 | |
| MW4 | 03/17/08 | | 342.96 | 40.10 | 302.86 | <0.50 | | <0.50 | | <0.50 | | <0.50 | | <50.0 | | 82.5 | | 16.2 | |
| MW4 | 05/30/08 | | 342.96 | 39.07 | 303.89 | <0.50 | | <0.50 | | <0.50 | | <0.50 | | <50.0 | | <47.2 | | 13.0 | |
| MW4 | 09/10/08 | | 342.96 | 45.82 | 297.14 | <0.50 | | <0.50 | | <0.50 | | <0.50 | | <50 | | <47 | | 12 | |
| MW4 | 11/13/08 | q | 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 | |
| MW4 | 04/30/09 | | 342.97 | 46.18 | 296.79 | <0.50 | | <0.50 | | <0.50 | | <1.0 | | <50 | | <50 | | 4.7 | |
| **MW4** | **08/10/09** | | **342.97** | **49.36** | **293.61** | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| MW5 | 06/16/00 | | 342.87 | Property transferred to Valero Refining Company. | | | | | | | | | | | | | | | |
| MW5 | 07/31/00 | b | 342.87 | -- | -- | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| MW5 | 10/10/00 | | 342.87 | 29.12 | 313.75 | <0.5 | | <0.5 | | <0.5 | | <0.5 | | <50 | | 150 | | -- | |
| MW5 | 01/11/01 | | 342.87 | 28.89 | 313.98 | -- | b | -- | b | -- | b | -- | b | -- | b | -- | b | -- | |
| MW5 | 04/11/01 | | 342.87 | 28.23 | 314.64 | -- | b | -- | b | -- | b | -- | b | -- | b | -- | b | -- | |
| MW5 | 07/20/01 | f | 342.87 | -- | -- | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| MW5 | 10/19/01 | | 342.87 | 27.62 | 315.25 | <0.5 | | <0.5 | | <0.5 | | <0.5 | | <50 | | 86 | | 5 | |
| MW5 | 11/01/01 | | 342.87 | Well surveyed in compliance with AB 2886 requirements. | | | | | | | | | | | | | | | |
| MW5 | 01/28/02 | | 342.87 | 28.04 | 314.83 | <0.50 | | <0.50 | | <0.50 | | <0.50 | | <50.0 | | <100 | | -- | |
| MW5 | 04/17/02 | | 342.87 | 29.10 | 313.77 | <0.5 | | <0.50 | | <0.50 | | <0.50 | | <50.0 | | 85 | | 6.7 | |
| MW5 | 07/17/02 | | 342.87 | 29.37 | 313.50 | -- | b | -- | b | -- | b | -- | b | -- | b | -- | b | -- | b |
| MW5 | 10/24/02 | | 342.87 | 29.36 | 313.51 | -- | b | -- | b | -- | b | -- | b | -- | b | -- | b | -- | b |
| MW5 | 03/21/03 | | 342.87 | 28.55 | 314.32 | 2.50 | | 1.0 | | 3.5 | | 5.9 | | 57.8 | | b | | 8.70 | |
| MW5 | 04/10/03 | | 342.87 | 29.10 | 313.77 | 5.50 | | 3.0 | | 2.9 | | 4.3 | | 56.1 | | b | | 7.20 | |
| MW5 | 07/17/03 | | 342.87 | 28.91 | 313.96 | 1.00 | | <0.50 | | 0.7 | | 1.2 | | <0.50 | | b | | 12.0 | |
| MW5 | 10/09/03 | | 342.87 | 29.17 | 313.70 | <0.50 | | <0.5 | | <0.5 | | <0.5 | | <50.0 | | <100 | | 4.50 | |
| MW5 | 01/21/04 | | 342.87 | 28.75 | 314.12 | 1.30 | | 1.40 | | <0.5 | | 2.4 | | <50.0 | | <50 | | 4.00 | |
| MW5 | 05/25/04 | | 342.87 | 28.95 | 313.92 | 0.70 | | 0.7 | | 1.8 | | 2.9 | | <50.0 | | -- | | 2.90 | |
| MW5 | 08/26/04 | | 342.87 | -- | i -- i | <0.50 | i | <0.5 | i | <0.5 | i | <0.5 | i | <50.0 | i | <50 | i | 5.2 | i |
| MW5 | 12/07/04 | j | 342.87 | 28.29 | 314.58 | 0.70 | | <0.5 | | 0.5 | | 1.6 | | <50.0 | | 106 | k,l | 2.00 | |
| MW5 | 03/17/05 | | 342.87 | 26.39 | 316.48 | <0.50 | | <0.5 | | <0.5 | | <0.5 | | <50.0 | | 143 | k,l | 4.40 | |
| MW5 | 06/20/05 | | 342.87 | 28.01 | 314.86 | <0.50 | | <0.5 | | <0.5 | | 0.5 | | <50.0 | | <59 | | 13.0 | |
| MW5 | 09/20/05 | | 342.87 | 28.61 | 314.26 | <0.50 | | <0.50 | | <0.50 | | <0.50 | | 75.3 | | 1,730 | k,l | 6.38 | |
| MW5 | 12/22/05 | | 342.87 | 28.67 | 314.20 | 4.95 | | 4.69 | | 2.34 | | 39.0 | | 104 | | 70.3 | k,l | 9.00 | |
| MW5 | 03/23/06 | | 342.87 | 28.03 | 314.84 | <0.50 | | <0.50 | | <0.50 | | <0.50 | | <50 | | 140 | k,l | 18.5 | |
| MW5 | 05/30/06 | | 342.87 | 26.91 | 315.96 | <0.50 | | <0.50 | | <0.50 | | 0.75 | | <50 | | 130 | k,d | 28 | |
| MW5 | 09/18/06 | | 342.87 | 29.04 | 313.83 | <0.50 | | <0.50 | | <0.50 | | <0.50 | | <50.0 | | 120 | k | 14.7 | |

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

| Well Number | Date | | Reference Elevation (feet) | Depth to Water (feet) | Groundwater Elevation (feet) | Concentration (µg/L) Benzene | | Toluene | | Ethyl-benzene | | Total Xylenes | | TPH-g | | TPH-d | | MTBE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW5 | 12/11/06 | | 342.87 | 28.72 | 314.15 | 3.6 | | <0.50 | | 2.8 | | 3.0 | | 54 | | -- | b | 26 | |
| MW5 | 02/20/07 | | 342.87 | 28.94 | 313.93 | 0.53 | | 0.94 | | 0.77 | | 4.18 | | <50.0 | | <47 | | 11.5 | |
| MW5 | 05/03/07 | | 342.87 | 28.05 | 314.82 | <0.50 | | <0.50 | | <0.50 | | <0.50 | | <50 | | 190 | k,l | 12 | |
| MW5 | 08/02/07 | | 342.87 | 27.71 | 315.16 | <0.50 | | <0.50 | | <0.50 | | <0.50 | | <50 | | 79 | k | 6.3 | |
| MW5 | 12/19/07 | | 342.87 | 27.49 | 315.38 | <1.00 | | <1.00 | | <1.00 | | <3.00 | | <100 | | <94.3 | | 7.70 | |
| MW5 | 03/17/08 | | 342.87 | 27.07 | 315.80 | <0.50 | | <0.50 | | <0.50 | | <0.50 | | <50.0 | | 131 | | 3.70 | |
| MW5 | 05/30/08 | | 342.87 | 24.49 | 318.38 | <0.50 | | <0.50 | | <0.50 | | <0.50 | | <50.0 | | <47.2 | | 2.44 | |
| MW5 | 09/10/08 | | 342.87 | 26.60 | 316.27 | <0.50 | | <0.50 | | <0.50 | | <0.50 | | <50 | | 50 | p | 2.1 | |
| 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 | |
| MW5 | 04/30/09 | | 342.87 | 27.65 | 315.22 | <0.50 | | <0.50 | | <0.50 | | <1.0 | | <50 | | <50 | | 1.4 | |
| **MW5** | **08/10/09** | | **342.87** | **28.30** | **314.57** | **<0.50** | | **<0.50** | | **<0.50** | | **<1.0** | | **<50** | | **<50** | | **1.6** | |
| 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 | -- | 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 | |

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

| Well Number | Date | Reference Elevation (feet) | Depth to Water (feet) | Groundwater Elevation (feet) | Concentration (µg/L) Benzene | Toluene | Ethyl-benzene | Total Xylenes | TPH-g | TPH-d | MTBE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW6 | 12/22/05 | 341.05 | 37.55 | 303.50 | 0.86 | 1.39 | <0.50 | <0.50 | <50.0 | 331 k | <0.500 |
| MW6 | 03/23/06 | 341.05 | 35.72 | 305.33 | <0.50 | <0.50 | <0.50 | <0.50 | <50 | <47 | <1.00 |
| MW6 | 05/30/06 | 341.05 | 33.52 | 307.53 | 1.6 | 0.59 | 0.77 | 1.2 | <50 | <47 | 0.88 |
| MW6 | 09/18/06 | 341.05 | 38.05 | 303.00 | <0.50 | <0.50 | <0.50 | <0.50 | <50.0 | 80.0 k | 0.560 |
| MW6 | 12/11/06 | 341.05 | 37.04 | 304.01 | <0.50 | <0.50 | <0.50 | <0.50 | <50 | <47 | 0.76 |
| MW6 | 02/20/07 | 341.05 | 38.01 | 303.04 | <0.50 | <0.50 | <0.50 | <0.50 | <50.0 | <47 | 0.510 |
| MW6 | 05/03/07 | 341.05 | 36.78 | 304.27 | <0.50 | <0.50 | <0.50 | <0.50 | <50 | <47 | 0.72 |
| MW6 | 08/02/07 | 341.05 | 42.05 | 299.00 | <0.50 | <0.50 | <0.50 | <0.50 | <50 | <47 | 0.65 |
| MW6 | 12/19/07 | 341.05 | 38.75 | 302.30 | <1.00 | <1.00 | <1.00 | <3.00 | <100 | <94.3 | <0.500 |
| MW6 | 03/17/08 | 341.05 | 38.45 | 302.60 | <0.50 | <0.50 | <0.50 | <0.50 | <50.0 | 185 | <0.500 |
| 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 |
| MW6 | 04/30/09 | 341.02 | 44.42 | 296.60 | <0.50 | <0.50 | <0.50 | <1.0 | <50 | <50 | 0.25 s |
| **MW6** | **08/10/09** | **341.02** | **49.51** | **291.51** | **<0.50** | **<0.50** | **<0.50** | **<1.0** | **<50** | **<50** | **0.36 s** |
| 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 |

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

| Well Number | Date | | Reference Elevation (feet) | Depth to Water (feet) | Groundwater Elevation (feet) | Concentration (µg/L) Benzene | | Toluene | | Ethyl-benzene | | Total Xylenes | | TPH-g | | TPH-d | | MTBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW7 | 12/07/04 | 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 |
| 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 | | <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 |
| MW7 | 04/30/09 | | 341.69 | 27.40 | 314.29 | <0.50 | | <0.50 | | <0.50 | | <1.0 | | <50 | | <50 | | 2.2 |
| **MW7** | **08/10/09** | | **341.69** | **31.15** | **310.54** | **<0.50** | | **<0.50** | | **<0.50** | | **<1.0** | | **<50** | | **<50** | | **1.7** |
| 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 |

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 | |
| 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 | |
| MW8 | 04/30/09 | | 341.40 | 44.72 | 296.68 | <0.50 | | <0.50 | | <0.50 | | <1.0 | | <50 | <50 | <0.50 | |
| **MW8** | **08/10/09** | | **341.40** | **49.95** | **291.45** | **<0.50** | | **<0.50** | | **<0.50** | | **0.33** | **s,t** | **<50** | **<50** | **0.073** | **s** |
| 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 | |
| MW9 | 04/30/09 | | 342.01 | 45.35 | 296.66 | <0.50 | | <0.50 | | <0.50 | | <1.0 | | <50 | <50 | <0.50 | |
| **MW9** | **08/10/09** | | **342.01** | **50.44** | **291.57** | **<0.50** | | **<0.50** | | **<0.50** | | **<1.0** | | **<50** | **<50** | **0.17** | **s** |
| 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 | s |
| MW10 | 04/30/09 | | 342.24 | 45.61 | 296.63 | <0.50 | | <0.50 | | <0.50 | | <1.0 | | <50 | <50 | <0.50 | |
| **MW10** | **08/10/09** | | **342.24** | **50.75** | **291.49** | **<0.50** | | **<0.50** | | **<0.50** | | **<1.0** | | **<50** | **<50** | **0.21** | **s** |
| 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 | s |
| MW11 | 04/30/09 | | 341.38 | 44.85 | 296.53 | <0.50 | | <0.50 | | <0.50 | | <1.0 | | <50 | <50 | <0.50 | |
| **MW11** | **08/10/09** | | **341.38** | **49.97** | **291.41** | **<0.50** | | **0.21** | **s** | **0.31** | **s** | **1.0** | | **<50** | **<50** | **0.17** | **s** |
| MW12 | 12/18/08 | r | 342.51 | 46.62 | 295.89 | <0.50 | | <0.50 | | <0.50 | | <1.0 | | <50 | <50 | <0.50 | |
| MW12 | 02/11/09 | | 342.51 | 46.83 | 295.68 | 0.23 | s,t | 0.49 | s | <0.50 | | 0.32 | s,t | <50 | <50 | 0.13 | s |
| MW12 | 04/30/09 | | 342.51 | 45.80 | 296.71 | <0.50 | | <0.50 | | <0.50 | | <1.0 | | <50 | <50 | 0.13 | s |
| **MW12** | **08/10/09** | | **342.51** | **50.98** | **291.53** | **<0.50** | | **0.20** | **s,t** | **0.34** | **s** | **1.0** | **s** | **<50** | **<50** | **0.14** | **s** |
| MW13 | 12/18/08 | r | 342.74 | 40.03 | 302.71 | <0.50 | | 0.29 | r | <0.50 | | <1.0 | | <50 | 120 | 2.2 | |
| MW13 | 02/11/09 | | 342.74 | 33.34 | 309.40 | 0.19 | s,t | 0.38 | s | <0.50 | | 0.42 | s | <50 | <50 | 6.3 | |
| MW13 | 04/30/09 | | 342.74 | 30.93 | 311.81 | <0.50 | | <0.50 | | <0.50 | | <1.0 | | <50 | <50 | 2.3 | |
| **MW13** | **08/10/09** | | **342.74** | **34.80** | **307.94** | **<0.50** | | **<0.50** | | **<0.50** | | **0.30** | **s** | **<50** | **<50** | **1.4** | |
| 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 | |

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 |
| MW14 | 04/30/09 | 343.35 | 37.30 | 306.05 | <0.50 | <0.50 | <0.50 | <1.0 | <50 | <50 | 7.4 |
| **MW14** | **08/10/09** | **343.35** | **37.65** | **305.70** | -- | -- | -- | -- | -- | -- | -- |

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

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

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 | -- |
| MW1 | 04/30/09 | | <0.50 | <0.50 | 140 | <0.50 | <0.50 | <0.50 | -- |
| **MW1** | **08/10/09** | | **<0.50** | **<0.50** | **<10** | **<0.50** | **<0.50** | **<0.50** | -- |

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

| Well Number | Date | | Concentration (µg/L) ETBE | TAME | TBA | | EDB | 1,2-DCA | DIPE | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|
| 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 | <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 | <0.50 | -- |
| MW2 | 04/30/09 | | <0.50 | <0.50 | <10 | | <0.50 | <0.50 | <0.50 | -- |
| **MW2** | **08/10/09** | | **<0.50** | **<0.50** | **<10** | | **<0.50** | **<0.50** | **<0.50** | **--** |

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

| Well Number | Date | | Concentration (µg/L) 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 | <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 | -- |
| MW3 | 04/30/09 | | <0.50 | <0.50 | 77 | <0.50 | <0.50 | <0.50 | -- |
| **MW3** | **08/10/09** | | **<0.50** | **<0.50** | **<10** | **<0.50** | **<0.50** | **<0.50** | -- |

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

| Well Number | Date | | Concentration (µg/L) 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 | <0.50 | -- |
| MW4 | 04/30/09 | | <0.50 | <0.50 | 4.2 | f | <0.50 | <0.50 | <0.50 | -- |
| **MW4** | **08/10/09** | | -- | -- | -- | | -- | -- | -- | -- |

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 |
|---|---|---|---|---|---|---|---|---|---|
| MW5 | 06/16/00 | | -- | -- | -- | -- | -- | -- | -- |
| 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 | <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 | -- |
| MW5 | 04/30/09 | | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | -- |
| **MW5** | **08/10/09** | | **<0.50** | **<0.50** | **<10** | **<0.50** | **<0.50** | **<0.50** | -- |

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

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

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

| Well Number | Date | | Concentration (µg/L) ETBE | TAME | TBA | EDB | 1,2-DCA | DIPE | Ethanol |
|---|---|---|---|---|---|---|---|---|---|
| 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 | -- |
| MW7 | 04/10/03 | | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | -- |
| MW7 | 07/17/03 | | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | -- |
| MW7 | 10/09/03 | | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | -- |
| MW7 | 01/21/04 | | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | -- |
| MW7 | 05/25/04 | | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | -- |
| MW7 | 08/26/04 | | <0.50c | <0.50c | <10.0c | <0.50c | <0.50c | <0.50c | -- |
| MW7 | 12/07/04 | d | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | -- |
| MW7 | 03/17/05 | | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | -- |
| MW7 | 06/20/05 | | <0.50 | <0.50 | <10.0 | <0.50 | <0.50 | <0.50 | -- |
| MW7 | 09/20/05 | | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | -- |
| MW7 | 12/22/05 | | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | -- |
| MW7 | 03/23/06 | | <1.00 | <1.00 | <10.0 | <1.00 | <1.00 | <1.00 | <100 |
| MW7 | 05/30/06 | | <0.50 | <0.50 | <12 | <0.50 | <0.50 | <0.50 | <100 |
| MW7 | 09/18/06 | | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | -- |
| MW7 | 12/11/06 | | <0.50 | <0.50 | <12 | <0.50 | <0.50 | <0.50 | -- |
| MW7 | 02/20/07 | | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | -- |
| MW7 | 05/03/07 | | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | -- |
| MW7 | 08/02/07 | | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | -- |
| MW7 | 12/19/07 | | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | -- |
| MW7 | 03/17/08 | | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | -- |
| MW7 | 05/30/08 | | <0.500 | <0.500 | <10.0 | <0.500 | <0.500 | <0.500 | -- |
| MW7 | 09/10/08 | | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | -- |
| MW7 | 11/13/08 | | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | -- |
| MW7 | 02/11/09 | | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | -- |
| MW7 | 04/30/09 | | <0.50 | <0.50 | <10 | <0.50 | <0.50 | <0.50 | -- |
| **MW7** | **08/10/09** | | **<0.50** | **<0.50** | **<10** | **<0.50** | **<0.50** | **<0.50** | **--** |
| MW8 | 07/31/00 | | <10 | <10 | <500 | <5 | <5 | <10 | -- |
| MW8 | 10/10/00 - 08/26/04 | | Well dry. | | | | | | |

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 | 12/07/04 | b,d | <0.50 | <0.50 | <10.0 | | <0.50 | <0.50 | <0.50 | -- |
| MW8 | 03/17/05 | | <0.50 | <0.50 | <10.0 | | <0.50 | <0.50 | <0.50 | -- |
| MW8 | 06/20/05 | | <0.50 | <0.50 | <10.0 | | <0.50 | <0.50 | <0.50 | -- |
| MW8 | 09/20/05 | | <0.500 | <0.500 | <10.0 | | <0.500 | <0.500 | <0.500 | -- |
| MW8 | 12/22/05 | | <0.500 | <0.500 | <10.0 | | <0.500 | <0.500 | <0.500 | -- |
| MW8 | 03/23/06 | | <1.00 | <1.00 | <10.0 | | <1.00 | <1.00 | <1.00 | <100 |
| MW8 | 05/30/06 | | <0.50 | <0.50 | <12 | | <0.50 | <0.50 | <0.50 | <100 |
| MW8 | 09/18/06 | | <0.500 | <0.500 | <10.0 | | <0.500 | <0.500 | <0.500 | -- |
| MW8 | 12/11/06 | | <0.50 | <0.50 | <12 | | <0.50 | <0.50 | <0.50 | -- |
| MW8 | 02/20/07 | | <0.500 | <0.500 | <10.0 | | <0.500 | <0.500 | <0.500 | -- |
| MW8 | 05/03/07 | | <0.50 | <0.50 | <10 | | <0.50 | <0.50 | <0.50 | -- |
| MW8 | 08/02/07 | | <0.50 | <0.50 | <10 | | <0.50 | <0.50 | <0.50 | -- |
| MW8 | 12/19/07 | | <0.500 | <0.500 | <10.0 | | <0.500 | <0.500 | <0.500 | -- |
| MW8 | 03/17/08 | | <0.500 | <0.500 | <10.0 | | <0.500 | <0.500 | <0.500 | -- |
| MW8 | 05/30/08 | | <0.500 | <0.500 | <10.0 | | <0.500 | <0.500 | <0.500 | -- |
| MW8 | 09/10/08 | | <0.50 | <0.50 | <10 | | <0.50 | <0.50 | <0.50 | -- |
| MW8 | 11/13/08 | | <0.50 | <0.50 | <10 | | <0.50 | <0.50 | <0.50 | -- |
| MW8 | 02/11/09 | | <0.50 | <0.50 | <10 | | <0.50 | <0.50 | <0.50 | -- |
| MW8 | 04/30/09 | | <0.50 | <0.50 | <10 | | <0.50 | <0.50 | <0.50 | -- |
| **MW8** | **08/10/09** | | **<0.50** | **<0.50** | **<10** | | **<0.50** | **<0.50** | **<0.50** | **--** |
| MW9 | 12/18/08 | | <0.50 | <0.50 | <10 | | <0.50 | <0.50 | <0.50 | -- |
| MW9 | 02/11/09 | | <0.50 | <0.50 | <10 | | <0.50 | <0.50 | <0.50 | -- |
| MW9 | 04/30/09 | | <0.50 | <0.50 | <10 | | <0.50 | <0.50 | <0.50 | -- |
| **MW9** | **08/10/09** | | **<0.50** | **<0.50** | **<10** | | **<0.50** | **<0.50** | **<0.50** | **--** |
| MW10 | 12/18/08 | | <0.50 | <0.50 | 22 | | <0.50 | <0.50 | <0.50 | -- |
| MW10 | 02/11/09 | | <0.50 | <0.50 | <10 | | <0.50 | <0.50 | <0.50 | -- |
| MW10 | 04/30/09 | | <0.50 | <0.50 | <10 | | <0.50 | <0.50 | <0.50 | -- |
| **MW10** | **08/10/09** | | **<0.50** | **<0.50** | **<10** | | **<0.50** | **<0.50** | **<0.50** | **--** |
| MW11 | 12/18/08 | | <0.50 | <0.50 | 7.4 | f | <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 |
|---|---|---|---|---|---|---|---|---|---|
| MW11 | 02/11/09 | <0.50 | <0.50 | <10 | | <0.50 | <0.50 | <0.50 | -- |
| MW11 | 04/30/09 | <0.50 | <0.50 | <10 | | <0.50 | <0.50 | <0.50 | -- |
| **MW11** | **08/10/09** | **<0.50** | **<0.50** | **<10** | | **<0.50** | **<0.50** | **<0.50** | -- |
| 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 | -- |
| MW12 | 04/30/09 | <0.50 | <0.50 | <10 | | <0.50 | <0.50 | <0.50 | -- |
| **MW12** | **08/10/09** | **<0.50** | **<0.50** | **<10** | | **<0.50** | **<0.50** | **<0.50** | -- |
| MW13 | 12/18/08 | <0.50 | <0.50 | <10 | | <0.50 | <0.50 | <0.50 | -- |
| MW13 | 02/11/09 | <0.50 | <0.50 | 2.2 | f | <0.50 | <0.50 | <0.50 | -- |
| MW13 | 04/30/09 | <0.50 | <0.50 | <10 | | <0.50 | <0.50 | <0.50 | -- |
| **MW13** | **08/10/09** | **<0.50** | **<0.50** | **<10** | | **<0.50** | **<0.50** | **<0.50** | -- |
| 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 | -- |
| MW14 | 04/30/09 | <1.0 | <1.0 | <10 | | <1.0 | <1.0 | <1.0 | -- |
| **MW14** | **08/10/09** | -- | -- | -- | | -- | -- | -- | -- |

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.

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 |

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 | SA | SA | SA |
| MW2 | SA | SA | SA |
| MW3 | SA | SA | SA |
| MW4 | SA | SA | SA |
| MW5 | SA | SA | SA |
| MW6 | SA | SA | SA |
| MW7 | SA | SA | SA |
| MW8 | SA | SA | SA |
| MW9 | SA | SA | SA |
| MW10 | SA | SA | SA |
| MW11 | SA | SA | SA |
| MW12 | SA | SA | SA |
| MW13 | SA | SA | SA |
| MW14 | SA | SA | SA |

Notes:

| | |
|---|---|
| BTEX | Benzene, toluene, ethylbenzene, and xylenes. |
| MTBE | Methyl tertiary butyl ether. |
| SA | Semi-annually (during the first and third quarters of the year). |
| 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

ETIC ENGINEERING
Engineering, Inc.

# MONITORING WELL DATA FORM

Client: Former ExxonMobil 73567

Date: 08-18-09

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 | 22.33 | | | | 35.00 | 34.72 | 2" |
| MW2 | 28.18 | | | | 35.00 | 34.98 | 2" |
| MW3 | 48.00 | | | | 50.00 | 49.79 | 2" |
| MW4 | 49.36 | | | | 50.00 | 50.45 | 2" |
| MW5 | 28.30 | | | | 30.00 | 30.31 | 2" |
| MW6 | 49.51 | | | | 53.00 | 52.24 | 2" |
| MW7 | 31.15 | | | | 49.00 | 49.33 | 2" |
| MW8 | 49.95 | | | | 70.00 | 67.35 | 2" |
| MW9 | 50.44 | | | | | 69.80 | 2" |
| MW10 | 50.75 | | | | | 66.70 | 2" |
| MW11 | 49.97 | | | | | 63.55 | 2" |
| MW12 | 50.98 | | | | | 67.48 | 2" |
| MW13 | 34.80 | | | | 43.75 | 43.75 | 2" |
| MW14 | 37.65 | | | | | 38.53 | 2" |
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ETIC ENGINEERING

Engineering, Inc.

# GROUNDWATER PURGE AND SAMPLE FORM

| | | | | | |
|---|---|---|---|---|---|
| Project Name: | FORMER EXXON 73567 | Well No: | MW1 | Date: | 08-10-09 |
| Project No: | UP3567 | Personnel: | ACX | | |

## GAUGING DATA

Water Level Measuring Method: WLM / IP PROBE (WLM circled)

Measuring Point Description: TOC

| WELL PURGE VOLUME CALCULATION | Total Depth (feet) | | Depth to Water (feet) | | Water Column (feet) | | Multiplier for Casing Diameter | | | | Casing Volume (gal) | | Total Purge Volume (gal) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 34.72 | = | 22.33 | = | 12.39 | X | 1 | (2) | 4 | 6 | 1.98 | = | 5.94 |
| | | | | | | | 0.04 | 0.16 | 0.64 | 1.44 | | | |

## PURGING DATA

Purge Method: WATERRA / BAILER / SUB (WATERRA circled)

| | | | | | | |
|---|---|---|---|---|---|---|
| Time | 0812 | 0814 | 0817 | | | |
| Volume Purge (gal) | 2 | 4 | 6 | | | |
| Temperature ( C) | 20.0 | 19.8 | 19.8 | | | |
| pH | 7.06 | 7.00 | 7.00 | | | |
| Spec.Cond.(umhos) | 1378 | 1412 | 1424 | | | |
| Turbidity/Color | CLEAR / BRN | CLEAR / BRN | CLEAR / BRN | | | |
| Odor (Y/N) | N | N | N | | | |
| Casing Volumes | 1 | 2 | 3 | | | |
| Dewatered (Y/N) | N | N | N | | | |

Comments/Observations:

## SAMPLING DATA

Time Sampled: 0825

Approximate Depth to Water During Sampling: 23.- (feet)

Comments:

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

Total Purge Volume: 6 (gallons)

Disposal: ROMIC

Weather Conditions: OK

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

Well Head Conditions Requiring Correction: none

Problems Encountered During Purging and Sampling: none

Comments:

| | | |
|---|---|---|
| BOLTS | (Y) | / N |
| LOCK & CAP | (Y) | / N |
| GROUT | (Y) | / N |
| WELL BOX | (Y) | / N |
| SECURED | (Y) | / N |

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# GROUNDWATER PURGE AND SAMPLE FORM

| | | | | | |
|---|---|---|---|---|---|
| Project Name: | FORMER EXXON 73567 | Well No: | MW2 | Date: | 08-10-09 |
| Project No: | UP3567 | Personnel: | AMX | | |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 34.98 | (-) | 28.18 | (=) | 6.80 | (X) | 1 | (2) | 4 | 6 | 1.08 | (=) | 3.26 |
| | | | | | | | 0.04 | 0.16 | 0.64 | 1.44 | | | |

## PURGING DATA

Purge Method: WATERRA / BAILER / SUB

| | | | | | | |
|---|---|---|---|---|---|---|
| Time | 1041 | 1045 | 1050 | | | |
| Volume Purge (gal) | 1.5 | 3 | 4.5 | | | |
| Temperature (C) | 22.8 | 22.5 | 22.1 | | | |
| pH | 7.21 | 7.15 | 7.13 | | | |
| Spec.Cond.(umhos) | 1617 | 1605 | 1603 | | | |
| Turbidity/Color | CLEAR/BRN | CLEAR/BRN | CLEAR/BRN | | | |
| Odor (Y/N) | N | N | N | | | |
| Casing Volumes | 1 | 2 | 3 | | | |
| Dewatered (Y/N) | N | N | N | | | |

Comments/Observations:

## SAMPLING DATA

Time Sampled: 1120  Approximate Depth to Water During Sampling: 29.0 (feet)

Comments:

| Sample Number | Number of Containers | Container Type | Preservative | Volume Filled (mL or L) | Turbidity/ Color | Analysis Method |
|---|---|---|---|---|---|---|
| MW2 | 6 | Voa | HCL | 40 ml | | TPH-g, BTEX, OXYS |
| MW2 | 2 | Ambers | NONE | 1L | | TPH-D |
| | | | | | | |
| | | | | | | |

Total Purge Volume: 4.5 (gallons)  Disposal: ROMIC

Weather Conditions: OK

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

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging and Sampling: NONE

Comments:

| | | | |
|---|---|---|---|
| BOLTS | (Y) | / | N |
| LOCK & CAP | (Y) | / | N |
| GROUT | (Y) | / | N |
| WELL BOX | (Y) | / | N |
| SECURED | (Y) | / | N |

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# GROUNDWATER PURGE AND SAMPLE FORM

| | | | |
|---|---|---|---|
| Project Name: | FORMER EXXON 73567 | Well No: MW3 | Date: 08-10-09 |
| Project No: | UP3567 | Personnel: Aux | |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 49.79 | − | 48.00 | = | 1.79 | X | 1 | (2) | 4 | 6 | .28 | = | .5 |
| | | | | | | | 0.04 | 0.16 | 0.64 | 1.44 | | | |

## PURGING DATA

Purge Method: WATERRA / BAILER / SUB

| | | | | | | |
|---|---|---|---|---|---|---|
| Time | 0731 | | | | | |
| Volume Purge (gal) | .5 | 1 | 1.5 | | | |
| Temperature ( C) | 18.8 | | | | | |
| pH | 6.64 | | | | | |
| Spec.Cond.(umhos) | 1634 | | | | | |
| Turbidity/Color | SLIGHT/BRN | | | | | |
| Odor (Y/N) | N | | | | | |
| Casing Volumes | 1 | 2 | 3 | | | |
| Dewatered (Y/N) | N | | | | | |

Comments/Observations:

## SAMPLING DATA

Time Sampled: 0750 — Approximate Depth to Water During Sampling: 48.0 (feet)

Comments:

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

Total Purge Volume: .5 (gallons) — Disposal: ROMIC

Weather Conditions: CL

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

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging and Sampling: Y DEWATERED

Comments:

| | |
|---|---|
| BOLTS | (Y) / N |
| LOCK & CAP | (Y) / N |
| GROUT | (Y) / N |
| WELL BOX | Y / N |
| SECURED | (Y) / N |

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# GROUNDWATER PURGE AND SAMPLE FORM

| | | | |
|---|---|---|---|
| Project Name: | FORMER EXXON 73567 | Well No: MW5 | Date: 07/10/09 |
| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 1 | (2) | 4 | 6 | | | |
| | 30.31 | − | 28.30 | = | 2.01 | X | 0.04 | 0.16 | 0.64 | 1.44 | .33 | = | 1.00 |

## PURGING DATA

Purge Method: WATERRA / (BAILER) / SUB

| | | | | | | |
|---|---|---|---|---|---|---|
| Time | 0715 | | | | | |
| Volume Purge (gal) | .50 | 1.00 | 1.50 | | | |
| Temperature (C) | 20.0 | | | | | |
| pH | 6.74 | | | | | |
| Spec.Cond.(umhos) | 2263 | | | | | |
| Turbidity/Color | CLEAR / NONE | | | | | |
| Odor (Y/N) | N | | | | | |
| Casing Volumes | 1 | 2 | 3 | | | |
| Dewatered (Y/N) | N | | | | | |

Comments/Observations: *Dewatered at .75 Gallons

## SAMPLING DATA

Time Sampled: 0740 — Approximate Depth to Water During Sampling: 29 (feet)

Comments:

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

| | | | |
|---|---|---|---|
| Total Purge Volume: | .75 (gallons) | Disposal: | ROMIC |
| Weather Conditions: | ok | BOLTS | (Y) / N |
| Condition of Well Box and Casing at Time of Sampling: | ok | LOCK & CAP | (Y) / N |
| Well Head Conditions Requiring Correction: | NONE | GROUT | (Y) / N |
| Problems Encountered During Purging and Sampling: | Y Dewatered | WELL BOX | (Y) / N |
| Comments: | | SECURED | Y / N |

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# GROUNDWATER PURGE AND SAMPLE FORM

| | | | | | |
|---|---|---|---|---|---|
| Project Name: | FORMER EXXON 73567 | Well No: | MW6 | Date: | 08-18-09 |
| Project No: | UP3567 | Personnel: | AMX | | |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 52.24 | - | 49.51 | = | 2.73 | X | 1 | (2) | 4 | 6 | .43 | = | 1.21 |
| | | | | | | | 0.04 | 0.16 | 0.64 | 1.44 | | | |

## PURGING DATA

Purge Method: (WATERRA) / BAILER / SUB

| | | | | | | |
|---|---|---|---|---|---|---|
| Time | 0837 | 0839 | 0841 | | | |
| Volume Purge (gal) | .5 | 1 | 1.5 | | | |
| Temperature ( C) | 19.3 | 19.1 | 20.1 | | | |
| pH | 7.11 | 7.16 | 7.02 | | | |
| Spec.Cond.(umhos) | 1892 | 1958 | 1969 | | | |
| Turbidity/Color | SILTY/BRN | SILTY/BRN | SILTY/BRN | | | |
| Odor (Y/N) | N | N | N | | | |
| Casing Volumes | 1 | 2 | 3 | | | |
| Dewatered (Y/N) | N | N | N | | | |

Comments/Observations:

## SAMPLING DATA

Time Sampled: 1855  Approximate Depth to Water During Sampling: 50.0 (feet)

Comments:

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

Total Purge Volume: 1.5 (gallons)  Disposal: ROMIC

Weather Conditions: ok

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

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging and Sampling:

Comments:

| | | |
|---|---|---|
| BOLTS | (Y) | / N |
| LOCK & CAP | (Y) | / N |
| GROUT | (Y) | / N |
| WELL BOX | (Y) | / N |
| SECURED | (Y) | / N |

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# GROUNDWATER PURGE AND SAMPLE FORM

| | | | |
|---|---|---|---|
| Project Name: | FORMER EXXON 73567 | Well No: MW7 | Date: 08-18-09 |
| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 49.33 | − | 31.15 | = | 18.18 | X | 1 | 2 | 4 | 6 | 2.90 | = | 8.72 |
| | | | | | | | 0.04 | 0.16 | 0.64 | 1.44 | | | |

## PURGING DATA

Purge Method: WATERRAY BAILER / SUB

| | | | | | | |
|---|---|---|---|---|---|---|
| Time | 0942 | 0945 | 0949 | | | |
| Volume Purge (gal) | 3 | 6 | 9 | | | |
| Temperature (C) | 21.0 | 20.5 | 20.3 | | | |
| pH | 7.04 | 6.94 | 6.97 | | | |
| Spec.Cond.(umhos) | 1532 | 1534 | 1543 | | | |
| Turbidity/Color | SLTY/BRN | SLTY/BRN | SLTY/BRN | | | |
| Odor (Y/N) | N | N | N | | | |
| Casing Volumes | 1 | 2 | 3 | | | |
| Dewatered (Y/N) | N | N | N | | | |

Comments/Observations:

## SAMPLING DATA

Time Sampled: 0955 — Approximate Depth to Water During Sampling: 32.0 (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: 9 (gallons) — Disposal: ROMIC

Weather Conditions: OK

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

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging and Sampling: NONE

Comments:

| | |
|---|---|
| BOLTS | (Y) / N |
| LOCK & CAP | (Y) / N |
| GROUT | (Y) / N |
| WELL BOX | (Y) / N |
| SECURED | (Y) / N |

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# GROUNDWATER PURGE AND SAMPLE FORM

| | | | | | |
|---|---|---|---|---|---|
| Project Name: | FORMER EXXON 73567 | Well No: | MW8 | Date: | 08-10-09 |
| Project No: | UP3567 | Personnel: | AMR | | |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 67.35 | − | 49.95 | = | 17.40 | X | 1 | (2) | 4 | 6 | 2.78 | = | 8.75 |
| | | | | | | | 0.04 | 0.16 | 0.64 | 1.44 | | | |

## PURGING DATA

Purge Method: (WATERRA) / BAILER / SUB

| | | | | | | |
|---|---|---|---|---|---|---|
| Time | 1012 | 1015 | 1018 | | | |
| Volume Purge (gal) | 3 | 6 | 9 | | | |
| Temperature ( C) | 20.1 | 19.5 | 19.3 | | | |
| pH | 7.10 | 7.09 | 7.06 | | | |
| Spec.Cond.(umhos) | 2607 | 2550 | 2570 | | | |
| Turbidity/Color | SLTY / BRN | SLTH / BRN | SLTY / BRN | | | |
| Odor (Y/N) | N | N | N | | | |
| Casing Volumes | 1 | 2 | 3 | | | |
| Dewatered (Y/N) | N | N | N | | | |

Comments/Observations:

## SAMPLING DATA

Time Sampled: 1030  Approximate Depth to Water During Sampling: 50.00 (feet)

Comments:

| Sample Number | Number of Containers | Container Type | Preservative | Volume Filled (mL or L) | Turbidity/ Color | Analysis Method |
|---|---|---|---|---|---|---|
| MW8 | 6 | Voa | HCL | 40 ml | | TPH-g, BTEX, OXYS |
| MW8 | 2 | Ambers | NONE | 1L | | TPH-D |
| | | | | | | |
| | | | | | | |

Total Purge Volume: 9 (gallons)  Disposal: ROMIC

Weather Conditions: OK

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

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging and Sampling: NONE

Comments:

| | | |
|---|---|---|
| BOLTS | (Y) | / N |
| LOCK & CAP | (Y) | / N |
| GROUT | (Y) | / N |
| WELL BOX | (Y) | / N |
| SECURED | (Y) | / N |

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# GROUNDWATER PURGE AND SAMPLE FORM

| | | | |
|---|---|---|---|
| Project Name: | FORMER EXXON 73567 | Well No: MW9 | Date: 08/10/09 |
| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 69.50 | (-) | 50.44 | (=) | 19.36 | (X) | 1 | (2") | 4 | 6 | .309 | (=) | 9.29 |
| | | | | | | | 0.04 | 0.16 | 0.64 | 1.44 | | | |

## PURGING DATA

Purge Method: (WATERRA) / BAILER / SUB

| | | | | | | |
|---|---|---|---|---|---|---|
| Time | 0809 | 0814 | 0819 | | | |
| Volume Purge (gal) | 3.50 | 7.00 | 10.50 | | | |
| Temperature (C) | 18.6 | 18.4 | 18.4 | | | |
| pH | 7.10 | 7.09 | 7.07 | | | |
| Spec.Cond.(umhos) | 2910 | 2922 | 2949 | | | |
| Turbidity/Color | SLT TURN | SLT TURN | SLT TURN | | | |
| Odor (Y/N) | N | N | N | | | |
| Casing Volumes | 1 | 2 | 3 | | | |
| Dewatered (Y/N) | N | N | N | | | |

Comments/Observations:

## SAMPLING DATA

Time Sampled: 0825 — Approximate Depth to Water During Sampling: 51. (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: 10.50 (gallons) — Disposal: ROMIC

Weather Conditions: OK

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

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging and Sampling: NONE

Comments:

| | | |
|---|---|---|
| BOLTS | (Y) | / N |
| LOCK & CAP | (Y) | / N |
| GROUT | (Y) | / N |
| WELL BOX | (Y) | / N |
| SECURED | (Y) | / N |

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# GROUNDWATER PURGE AND SAMPLE FORM

Project Name: FORMER EXXON 73567 Well No: MW10 Date: 02/10/09

Project No: UP3567 Personnel: TB/DR

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 66.70 | − | 50.75 | = | 15.95 | X | 1 | (2) | 4 | 6 | 2.55 | = | 7.65 |
| | | | | | | | 0.04 | 0.16 | 0.64 | 1.44 | | | |

## PURGING DATA

Purge Method: (WATERRA) / BAILER / SUB

| | | | | | | |
|---|---|---|---|---|---|---|
| Time | 0850 | 0854 | 0858 | | | |
| Volume Purge (gal) | 3.00 | 6.00 | 9.00 | | | |
| Temperature (C) | 20.5 | 19.2 | 18.9 | | | |
| pH | 7.11 | 7.05 | 7.07 | | | |
| Spec.Cond.(umhos) | 3079 | 3070 | 3059 | | | |
| Turbidity/Color | SLTY BRN | SLTY BRN | SLTY BRN | | | |
| Odor (Y/N) | N | N | N | | | |
| Casing Volumes | 1 | 2 | 3 | | | |
| Dewatered (Y/N) | N | N | N | | | |

Comments/Observations:

## SAMPLING DATA

Time Sampled: 0905 Approximate Depth to Water During Sampling: 51. (feet)

Comments:

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

Total Purge Volume: 9. (gallons) Disposal: ROMIC

Weather Conditions: OK

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

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging and Sampling: NONE

Comments:

| | |
|---|---|
| BOLTS | (Y) / N |
| LOCK & CAP | (Y) / N |
| GROUT | (Y) / N |
| WELL BOX | (Y) / N |
| SECURED | (Y) / N |

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# GROUNDWATER PURGE AND SAMPLE FORM

Project Name: FORMER EXXON 73567 Well No: MW11 Date: 08/10/09

Project No: UP3567 Personnel: BANDA

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 63.55 | − | 49.97 | = | 13.58 | X | 1 | (2") | 4 | 6 | 2.17 | = | 6.51 |
| | | | | | | | 0.04 | 0.16 | 0.64 | 1.44 | | | |

## PURGING DATA

Purge Method: WATERRA / BAILER / SUB

| | | | | | | |
|---|---|---|---|---|---|---|
| Time | 0929 | 0933 | 0937 | | | |
| Volume Purge (gal) | 2.50 | 5.00 | 7.50 | | | |
| Temperature (C) | 20.1 | 19.1 | 18.8 | | | |
| pH | 7.05 | 7.03 | 7.07 | | | |
| Spec.Cond.(umhos) | 3105 | 3025 | 3015 | | | |
| Turbidity/Color | SLTY/TRN | SLTY/TRN | SLTY/TRN | | | |
| Odor (Y/N) | N | N | N | | | |
| Casing Volumes | 1 | 2 | 3 | | | |
| Dewatered (Y/N) | N | N | N | | | |

Comments/Observations:

## SAMPLING DATA

Time Sampled: 0945 Approximate Depth to Water During Sampling: 50. (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: 7.5 (gallons) Disposal: ROMIC

Weather Conditions: OK

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

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging and Sampling: NONE

Comments:

| | | |
|---|---|---|
| BOLTS | (Y) | / N |
| LOCK & CAP | (Y) | / N |
| GROUT | (Y) | / N |
| WELL BOX | (Y) | / N |
| SECURED | (Y) | / N |

ETIC ENGINEERING
Engineering, Inc.

# GROUNDWATER PURGE AND SAMPLE FORM

| | | | |
|---|---|---|---|
| Project Name: | FORMER EXXON 73567 | Well No: MW12 | Date: 08/10/09 |
| Project No: | UP3567 | Personnel: | TBN DK |

## GAUGING DATA

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

| WELL PURGE VOLUME CALCULATION | Total Depth (feet) | | Depth to Water (feet) | | Water Column (feet) | | Multiplier for Casing Diameter | | | | Casing Volume (gal) | | Total Purge Volume (gal) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 1 | (2) | 4 | 6 | | | |
| | 67.48 | (-) | 50.98 | (=) | 16.50 | (X) | 0.04 | 0.16 | 0.64 | 1.44 | 2.64 | (=) | 7.92 |

## PURGING DATA

Purge Method: (WATERRA) / BAILER / SUB

| | | | | | | |
|---|---|---|---|---|---|---|
| Time | 1015 | 1020 | 1024 | | | |
| Volume Purge (gal) | 3.00 | 6.00 | 9.00 | | | |
| Temperature (C) | 20.4 | 19.9 | 20.0 | | | |
| pH | 7.02 | 6.98 | 7.04 | | | |
| Spec. Cond. (umhos) | 2878 | 2921 | 2957 | | | |
| Turbidity/Color | SLTY / BRN | SLTY / BRN | SLTY / BRN | | | |
| Odor (Y/N) | N | N | N | | | |
| Casing Volumes | 1 | 2 | 3 | | | |
| Dewatered (Y/N) | N | N | N | | | |

Comments/Observations:

## SAMPLING DATA

Time Sampled: 1030  Approximate Depth to Water During Sampling: 57. (feet)

Comments:

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

Total Purge Volume: 9. (gallons)  Disposal: ROMIC

Weather Conditions: ok

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

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging and Sampling: NONE

Comments:

| | | |
|---|---|---|
| BOLTS | (Y) | / N |
| LOCK & CAP | (Y) | / N |
| GROUT | (Y) | / N |
| WELL BOX | (Y) | / N |
| SECURED | Y | / N |

ETIC ENGINEERING
Engineering, Inc.

# GROUNDWATER PURGE AND SAMPLE FORM

Project Name: FORMER EXXON 73567 Well No: MW13 Date: 8/10/09

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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 43.75 | − | 34.80 | = | 8.95 | X | 1 | (2) | 4 | 6 | 1.43 | = | 4.29 |
| | | | | | | | 0.04 | 0.16 | 0.64 | 1.44 | | | |

## PURGING DATA

Purge Method: (WATERRA) / BAILER / SUB

| | | | | | | |
|---|---|---|---|---|---|---|
| Time | 1046 | 1049 | 1052 | | | |
| Volume Purge (gal) | 1.50 | 3.00 | 4.50 | | | |
| Temperature (C) | 21.5 | 21.2 | 21.9 | | | |
| pH | 6.96 | 6.98 | 6.97 | | | |
| Spec.Cond.(umhos) | 1982 | 1953 | 1951 | | | |
| 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: 1100 Approximate Depth to Water During Sampling: 35 (feet)

Comments:

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

Total Purge Volume: 4.5 (gallons) Disposal: ROMIC

Weather Conditions: OK

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

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging and Sampling: NONE

Comments:

| | | |
|---|---|---|
| BOLTS | (Y) | / N |
| LOCK & CAP | (Y) | / N |
| GROUT | (Y) | / N |
| WELL BOX | (Y) | / N |
| SECURED | (Y) | / N |

# Appendix C

# Laboratory Analytical Reports and Chain-of-Custody Documentation

Calscience
Environmental
Laboratories, Inc.

August 18, 2009

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

Subject: **Calscience Work Order No.: 09-08-0921**
**Client Reference: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 08/11/2009 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,

Cecile L deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| ETIC Engineering, Inc. | | Date Received: | 08/11/09 |
| 2285 Morello Avenue | | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | | Preparation: | EPA 3510C |
| | | Method: | EPA 8015B (M) |

Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW1** | **09-08-0921-1-G** | **08/10/09 08:25** | **Aqueous** | **GC 47** | **08/11/09** | **08/13/09 04:56** | **090811B18** |

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 |
|---|---|---|---|---|---|---|---|
| **MW2** | **09-08-0921-2-G** | **08/10/09 11:20** | **Aqueous** | **GC 47** | **08/11/09** | **08/13/09 05:12** | **090811B18** |

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 |
|---|---|---|---|---|---|---|---|
| **MW3** | **09-08-0921-3-G** | **08/10/09 07:50** | **Aqueous** | **GC 47** | **08/11/09** | **08/13/09 05:28** | **090811B18** |

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 | 102 | 68-140 | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW5** | **09-08-0921-4-G** | **08/10/09 07:40** | **Aqueous** | **GC 47** | **08/11/09** | **08/13/09 05:44** | **090811B18** |

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 | 121 | 68-140 | | | | |

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

Calscience Environmental Laboratories, Inc.

**Analytical Report**

| | | | |
|---|---|---|---|
| ETIC Engineering, Inc. | | Date Received: | 08/11/09 |
| 2285 Morello Avenue | | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | | Preparation: | EPA 3510C |
| | | Method: | EPA 8015B (M) |

Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW6** | **09-08-0921-5-G** | **08/10/09 08:55** | **Aqueous** | **GC 47** | **08/11/09** | **08/13/09 06:00** | **090811B18** |

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 | 118 | 68-140 | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW7** | **09-08-0921-6-G** | **08/10/09 09:55** | **Aqueous** | **GC 47** | **08/11/09** | **08/13/09 06:17** | **090811B18** |

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 | 107 | 68-140 | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW8** | **09-08-0921-7-G** | **08/10/09 10:30** | **Aqueous** | **GC 47** | **08/11/09** | **08/13/09 06:33** | **090811B18** |

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 |
|---|---|---|---|---|---|---|---|
| **MW9** | **09-08-0921-8-G** | **08/10/09 08:25** | **Aqueous** | **GC 47** | **08/11/09** | **08/13/09 06:49** | **090811B18** |

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 | 119 | 68-140 | | | | |

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

Calscience Environmental Laboratories, Inc.

**Analytical Report**

| | | | |
|---|---|---|---|
| ETIC Engineering, Inc. | | Date Received: | 08/11/09 |
| 2285 Morello Avenue | | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | | Preparation: | EPA 3510C |
| | | Method: | EPA 8015B (M) |

Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW10** | **09-08-0921-9-G** | **08/10/09 09:05** | **Aqueous** | **GC 47** | **08/11/09** | **08/13/09 07:05** | **090811B18** |

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 |
|---|---|---|---|---|---|---|---|
| **MW11** | **09-08-0921-10-G** | **08/10/09 09:45** | **Aqueous** | **GC 47** | **08/11/09** | **08/13/09 08:26** | **090811B19** |

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 |
|---|---|---|---|---|---|---|---|
| **MW12** | **09-08-0921-11-G** | **08/10/09 10:30** | **Aqueous** | **GC 47** | **08/11/09** | **08/13/09 08:42** | **090811B19** |

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 | 113 | 68-140 | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW13** | **09-08-0921-12-G** | **08/10/09 11:00** | **Aqueous** | **GC 47** | **08/11/09** | **08/13/09 08:58** | **090811B19** |

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 | | | | |

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

Calscience Environmental Laboratories, Inc.

**Analytical Report**

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | 08/11/09 |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 3510C |
| | Method: | EPA 8015B (M) |

Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-330-1,225** | **N/A** | **Aqueous** | **GC 47** | **08/11/09** | **08/13/09 00:53** | **090811B18** |

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 | 127 | 68-140 | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-330-1,226** | **N/A** | **Aqueous** | **GC 47** | **08/11/09** | **08/13/09 07:37** | **090811B19** |

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 | 131 | 68-140 | | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| ETIC Engineering, Inc. | | Date Received: | 08/11/09 |
| 2285 Morello Avenue | | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8015B (M) |

Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW1** | **09-08-0921-1-D** | **08/10/09 08:25** | **Aqueous** | **GC 22** | **08/12/09** | **08/12/09 22:33** | **090812B02** |

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 | 99 | 38-134 | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW2** | **09-08-0921-2-D** | **08/10/09 11:20** | **Aqueous** | **GC 22** | **08/12/09** | **08/12/09 23:06** | **090812B02** |

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 | 98 | 38-134 | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW3** | **09-08-0921-3-D** | **08/10/09 07:50** | **Aqueous** | **GC 22** | **08/12/09** | **08/12/09 23:39** | **090812B02** |

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 | 98 | 38-134 | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW5** | **09-08-0921-4-D** | **08/10/09 07:40** | **Aqueous** | **GC 22** | **08/12/09** | **08/13/09 00:13** | **090812B02** |

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 | 97 | 38-134 | | | | |

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

Calscience Environmental Laboratories, Inc.

**Analytical Report**

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | 08/11/09 |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8015B (M) |

Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW6** | 09-08-0921-5-D | 08/10/09 08:55 | Aqueous | GC 22 | 08/12/09 | 08/13/09 00:46 | 090812B02 |

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 | 97 | 38-134 | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW7** | 09-08-0921-6-D | 08/10/09 09:55 | Aqueous | GC 22 | 08/12/09 | 08/13/09 01:19 | 090812B02 |

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 | 98 | 38-134 | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW8** | 09-08-0921-7-D | 08/10/09 10:30 | Aqueous | GC 22 | 08/12/09 | 08/13/09 02:25 | 090812B02 |

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 | 97 | 38-134 | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW9** | 09-08-0921-8-D | 08/10/09 08:25 | Aqueous | GC 22 | 08/12/09 | 08/13/09 02:59 | 090812B02 |

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 | 97 | 38-134 | | | | |

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

Calscience Environmental Laboratories, Inc.

**Analytical Report**

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | 08/11/09 |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8015B (M) |

Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW10** | 09-08-0921-9-D | 08/10/09 09:05 | Aqueous | GC 22 | 08/12/09 | 08/13/09 03:32 | 090812B02 |

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 | 100 | 38-134 | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW11** | 09-08-0921-10-D | 08/10/09 09:45 | Aqueous | GC 22 | 08/12/09 | 08/13/09 04:05 | 090812B02 |

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 | 97 | 38-134 | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW12** | 09-08-0921-11-D | 08/10/09 10:30 | Aqueous | GC 22 | 08/12/09 | 08/13/09 04:38 | 090812B02 |

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 | 98 | 38-134 | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW13** | 09-08-0921-12-D | 08/10/09 11:00 | Aqueous | GC 22 | 08/12/09 | 08/13/09 05:12 | 090812B02 |

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 | 99 | 38-134 | | | | |

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

Calscience Environmental Laboratories, Inc.

**Analytical Report**

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | 08/11/09 |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8015B (M) |

Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-436-3,655** | **N/A** | **Aqueous** | **GC 22** | **08/12/09** | **08/12/09 17:34** | **090812B02** |

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 | 97 | 38-134 | | | | |

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

Calscience Environmental Laboratories, Inc.

**Analytical Report**

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | 08/11/09 |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8021B |
| | Units: | ug/L |

Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California — Page 1 of 4

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW1** | 09-08-0921-1-E | 08/10/09 08:25 | Aqueous | GC 21 | 08/15/09 | 08/15/09 14:41 | 090815B01 |

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 | 90 | 70-130 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW2** | 09-08-0921-2-E | 08/10/09 11:20 | Aqueous | GC 21 | 08/15/09 | 08/15/09 15:14 | 090815B01 |

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

| Parameter | Result | RL | MDL | DF | Qual | Parameter | Result | RL | MDL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 0.14 | 1 | | Ethylbenzene | ND | 0.50 | 0.17 | 1 | |
| Toluene | ND | 0.50 | 0.17 | 1 | | Xylenes (total) | 0.42 | 1.0 | 0.26 | 1 | J |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 89 | 70-130 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW3** | 09-08-0921-3-F | 08/10/09 07:50 | Aqueous | GC 21 | 08/15/09 | 08/15/09 15:47 | 090815B01 |

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 | 92 | 70-130 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW5** | 09-08-0921-4-E | 08/10/09 07:40 | Aqueous | GC 21 | 08/15/09 | 08/15/09 16:19 | 090815B01 |

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 | 89 | 70-130 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | 08/11/09 |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8021B |
| | Units: | ug/L |
| Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California | | Page 2 of 4 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW6** | **09-08-0921-5-E** | **08/10/09 08:55** | **Aqueous** | **GC 21** | **08/15/09** | **08/15/09 17:25** | **090815B01** |

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 | 86 | 70-130 | | | | | | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW7** | **09-08-0921-6-E** | **08/10/09 09:55** | **Aqueous** | **GC 21** | **08/15/09** | **08/15/09 17:58** | **090815B01** |

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 | 94 | 70-130 | | | | | | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW8** | **09-08-0921-7-E** | **08/10/09 10:30** | **Aqueous** | **GC 21** | **08/15/09** | **08/15/09 18:31** | **090815B01** |

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

| Parameter | Result | RL | MDL | DF | Qual | Parameter | Result | RL | MDL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 0.14 | 1 | | Ethylbenzene | ND | 0.50 | 0.17 | 1 | |
| Toluene | ND | 0.50 | 0.17 | 1 | | Xylenes (total) | 0.33 | 1.0 | 0.26 | 1 | J,Z |
| Surrogates: | REC (%) | Control Limits | | | Qual | | | | | | |
| 1,4-Bromofluorobenzene | 86 | 70-130 | | | | | | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW9** | **09-08-0921-8-E** | **08/10/09 08:25** | **Aqueous** | **GC 21** | **08/15/09** | **08/15/09 19:04** | **090815B01** |

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 | 91 | 70-130 | | | | | | | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | 08/11/09 |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8021B |
| | Units: | ug/L |
| Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California | | Page 3 of 4 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW10** | 09-08-0921-9-E | 08/10/09 09:05 | Aqueous | GC 21 | 08/15/09 | 08/15/09 19:37 | 090815B01 |

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 | 87 | 70-130 | | | | | | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW11** | 09-08-0921-10-E | 08/10/09 09:45 | Aqueous | GC 21 | 08/15/09 | 08/15/09 20:10 | 090815B01 |

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 | 0.31 | 0.50 | 0.17 | 1 | J |
| Toluene | 0.21 | 0.50 | 0.17 | 1 | J | Xylenes (total) | 1.0 | 1.0 | 0.26 | 1 | |
| Surrogates: | REC (%) | Control Limits | | | Qual | | | | | | |
| 1,4-Bromofluorobenzene | 88 | 70-130 | | | | | | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW12** | 09-08-0921-11-E | 08/10/09 10:30 | Aqueous | GC 21 | 08/15/09 | 08/15/09 20:43 | 090815B01 |

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 | 0.34 | 0.50 | 0.17 | 1 | J |
| Toluene | 0.20 | 0.50 | 0.17 | 1 | J,Z | Xylenes (total) | 1.0 | 1.0 | 0.26 | 1 | J |
| Surrogates: | REC (%) | Control Limits | | | Qual | | | | | | |
| 1,4-Bromofluorobenzene | 86 | 70-130 | | | | | | | | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW13** | 09-08-0921-12-E | 08/10/09 11:00 | Aqueous | GC 21 | 08/15/09 | 08/15/09 21:16 | 090815B01 |

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

| Parameter | Result | RL | MDL | DF | Qual | Parameter | Result | RL | MDL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 0.14 | 1 | | Ethylbenzene | ND | 0.50 | 0.17 | 1 | |
| Toluene | ND | 0.50 | 0.17 | 1 | | Xylenes (total) | 0.30 | 1.0 | 0.26 | 1 | J |
| Surrogates: | REC (%) | Control Limits | | | Qual | | | | | | |
| 1,4-Bromofluorobenzene | 85 | 70-130 | | | | | | | | | |

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

Calscience Environmental Laboratories, Inc.

**Analytical Report**

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | 08/11/09 |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8021B |
| | Units: | ug/L |
| Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California | | Page 4 of 4 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-667-538** | **N/A** | **Aqueous** | **GC 21** | **08/15/09** | **08/15/09 10:50** | **090815B01** |

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 | 87 | 70-130 | |

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

Calscience Environmental Laboratories, Inc.

**Analytical Report**

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | 08/11/09 |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |
| Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California | | Page 1 of 5 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW1** | **09-08-0921-1-B** | **08/10/09 08:25** | **Aqueous** | **GC/MS U** | **08/13/09** | **08/13/09 19:40** | **090813L01** |

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) | 4.0 | 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 (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 124 | 80-128 | | Dibromofluoromethane | 100 | 80-127 | |
| Toluene-d8 | 102 | 80-120 | | 1,4-Bromofluorobenzene | 108 | 68-120 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW2** | **09-08-0921-2-B** | **08/10/09 11:20** | **Aqueous** | **GC/MS U** | **08/13/09** | **08/13/09 20:09** | **090813L01** |

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) | 0.17 | 0.50 | 0.067 | 1 | J | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 0.030 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 10 | 2.1 | 1 | | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 128 | 80-128 | | Dibromofluoromethane | 99 | 80-127 | |
| Toluene-d8 | 102 | 80-120 | | 1,4-Bromofluorobenzene | 106 | 68-120 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW3** | **09-08-0921-3-C** | **08/10/09 07:50** | **Aqueous** | **GC/MS L** | **08/14/09** | **08/14/09 18:28** | **090814L01** |

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) | 15 | 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 (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 115 | 80-128 | | Dibromofluoromethane | 114 | 80-127 | |
| Toluene-d8 | 98 | 80-120 | | 1,4-Bromofluorobenzene | 86 | 68-120 | |

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

Calscience Environmental Laboratories, Inc.

**Analytical Report**

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | 08/11/09 |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |
| Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California | | Page 2 of 5 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW5** | **09-08-0921-4-C** | **08/10/09 07:40** | **Aqueous** | **GC/MS L** | **08/17/09** | **08/17/09 15:33** | **090817L01** |

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) | 1.6 | 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 (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 94 | 80-128 | | Dibromofluoromethane | 100 | 80-127 | |
| Toluene-d8 | 98 | 80-120 | | 1,4-Bromofluorobenzene | 84 | 68-120 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW6** | **09-08-0921-5-C** | **08/10/09 08:55** | **Aqueous** | **GC/MS L** | **08/14/09** | **08/14/09 19:25** | **090814L01** |

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) | 0.36 | 0.50 | 0.067 | 1 | J | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 0.030 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 10 | 2.1 | 1 | | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 107 | 80-128 | | Dibromofluoromethane | 115 | 80-127 | |
| Toluene-d8 | 98 | 80-120 | | 1,4-Bromofluorobenzene | 84 | 68-120 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW7** | **09-08-0921-6-C** | **08/10/09 09:55** | **Aqueous** | **GC/MS L** | **08/14/09** | **08/14/09 19:53** | **090814L01** |

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) | 1.7 | 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 (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 108 | 80-128 | | Dibromofluoromethane | 112 | 80-127 | |
| Toluene-d8 | 99 | 80-120 | | 1,4-Bromofluorobenzene | 86 | 68-120 | |

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

Calscience Environmental Laboratories, Inc.

**Analytical Report**

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | 08/11/09 |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |
| Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California | | Page 3 of 5 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW8** | **09-08-0921-7-B** | **08/10/09 10:30** | **Aqueous** | **GC/MS L** | **08/17/09** | **08/17/09 16:01** | **090817L01** |

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) | 0.073 | 0.50 | 0.067 | 1 | J | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 0.030 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 10 | 2.1 | 1 | | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 105 | 80-128 | | Dibromofluoromethane | 109 | 80-127 | |
| Toluene-d8 | 93 | 80-120 | | 1,4-Bromofluorobenzene | 84 | 68-120 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW9** | **09-08-0921-8-B** | **08/10/09 08:25** | **Aqueous** | **GC/MS L** | **08/17/09** | **08/17/09 16:29** | **090817L01** |

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) | 0.17 | 0.50 | 0.067 | 1 | J | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 0.030 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 10 | 2.1 | 1 | | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 92 | 80-128 | | Dibromofluoromethane | 104 | 80-127 | |
| Toluene-d8 | 97 | 80-120 | | 1,4-Bromofluorobenzene | 84 | 68-120 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW10** | **09-08-0921-9-C** | **08/10/09 09:05** | **Aqueous** | **GC/MS L** | **08/14/09** | **08/14/09 21:17** | **090814L01** |

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) | 0.21 | 0.50 | 0.067 | 1 | J | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 0.030 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 10 | 2.1 | 1 | | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 122 | 80-128 | | Dibromofluoromethane | 127 | 80-127 | |
| Toluene-d8 | 100 | 80-120 | | 1,4-Bromofluorobenzene | 87 | 68-120 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| ETIC Engineering, Inc. | Date Received: | 08/11/09 |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |
| Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California | | Page 4 of 5 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW11** | **09-08-0921-10-A** | **08/10/09 09:45** | **Aqueous** | **GC/MS U** | **08/13/09** | **08/13/09 13:11** | **090813L01** |

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) | 0.17 | 0.50 | 0.067 | 1 | J | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 0.030 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 10 | 2.1 | 1 | | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 125 | 80-128 | | Dibromofluoromethane | 103 | 80-127 | |
| Toluene-d8 | 101 | 80-120 | | 1,4-Bromofluorobenzene | 109 | 68-120 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW12** | **09-08-0921-11-C** | **08/10/09 10:30** | **Aqueous** | **GC/MS L** | **08/14/09** | **08/14/09 21:45** | **090814L01** |

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) | 0.14 | 0.50 | 0.067 | 1 | J | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 0.030 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 10 | 2.1 | 1 | | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 113 | 80-128 | | Dibromofluoromethane | 121 | 80-127 | |
| Toluene-d8 | 100 | 80-120 | | 1,4-Bromofluorobenzene | 82 | 68-120 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW13** | **09-08-0921-12-C** | **08/10/09 11:00** | **Aqueous** | **GC/MS L** | **08/14/09** | **08/14/09 22:14** | **090814L01** |

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 | | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 113 | 80-128 | | Dibromofluoromethane | 118 | 80-127 | |
| Toluene-d8 | 99 | 80-120 | | 1,4-Bromofluorobenzene | 85 | 68-120 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | 08/11/09 |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |
| Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California | | Page 5 of 5 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-10-025-1,158** | **N/A** | **Aqueous** | **GC/MS U** | **08/13/09** | **08/13/09 11:41** | **090813L01** |

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

| Parameter | Result | RL | MDL | DF | Qual | Parameter | Result | RL | MDL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | 0.50 | 0.12 | 1 | | Diisopropyl Ether (DIPE) | ND | 0.50 | 0.028 | 1 | |
| 1,2-Dichloroethane | ND | 0.50 | 0.080 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 0.036 | 1 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 0.50 | 0.067 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 0.030 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 10 | 2.1 | 1 | | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 120 | 80-128 | | Dibromofluoromethane | 103 | 80-127 | |
| Toluene-d8 | 97 | 80-120 | | 1,4-Bromofluorobenzene | 109 | 68-120 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-10-025-1,164** | **N/A** | **Aqueous** | **GC/MS L** | **08/14/09** | **08/14/09 13:43** | **090814L01** |

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

| Parameter | Result | RL | MDL | DF | Qual | Parameter | Result | RL | MDL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | 0.50 | 0.12 | 1 | | Diisopropyl Ether (DIPE) | ND | 0.50 | 0.028 | 1 | |
| 1,2-Dichloroethane | ND | 0.50 | 0.080 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 0.036 | 1 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 0.50 | 0.067 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 0.030 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 10 | 2.1 | 1 | | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 97 | 80-128 | | Dibromofluoromethane | 101 | 80-127 | |
| Toluene-d8 | 98 | 80-120 | | 1,4-Bromofluorobenzene | 86 | 68-120 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-10-025-1,168** | **N/A** | **Aqueous** | **GC/MS L** | **08/17/09** | **08/17/09 13:42** | **090817L01** |

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

| Parameter | Result | RL | MDL | DF | Qual | Parameter | Result | RL | MDL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | 0.50 | 0.12 | 1 | | Diisopropyl Ether (DIPE) | ND | 0.50 | 0.028 | 1 | |
| 1,2-Dichloroethane | ND | 0.50 | 0.080 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 0.50 | 0.036 | 1 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 0.50 | 0.067 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 0.50 | 0.030 | 1 | |
| Tert-Butyl Alcohol (TBA) | ND | 10 | 2.1 | 1 | | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 86 | 80-128 | | Dibromofluoromethane | 95 | 80-127 | |
| Toluene-d8 | 99 | 80-120 | | 1,4-Bromofluorobenzene | 83 | 68-120 | |

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

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH ISO/IEC 17025 — ELAP

| | | | |
|---|---|---|---|
| ETIC Engineering, Inc. | | Date Received: | 08/11/09 |
| 2285 Morello Avenue | | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8015B (M) |

Project ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| **09-08-0444-11** | **Aqueous** | **GC 22** | **08/12/09** | **08/12/09** | **090812S02** |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Gasoline | 108 | 109 | 68-122 | 2 | 0-18 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: 08/11/09
Work Order No: 09-08-0921
Preparation: EPA 5030B
Method: EPA 8021B

Project ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| **MW1** | **Aqueous** | **GC 21** | **08/15/09** | **08/15/09** | **090815S01** |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 88 | 90 | 57-129 | 2 | 0-23 | |
| Toluene | 86 | 89 | 50-134 | 3 | 0-26 | |
| Ethylbenzene | 88 | 89 | 58-130 | 2 | 0-26 | |
| p/m-Xylene | 88 | 88 | 58-130 | 1 | 0-28 | |
| o-Xylene | 84 | 86 | 57-123 | 2 | 0-26 | |
| Methyl-t-Butyl Ether (MTBE) | 90 | 89 | 44-134 | 2 | 0-27 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | 08/11/09 |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |

Project ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| **MW11** | **Aqueous** | **GC/MS U** | **08/13/09** | **08/13/09** | **090813S01** |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 97 | 97 | 76-124 | 0 | 0-20 | |
| Carbon Tetrachloride | 95 | 95 | 74-134 | 0 | 0-20 | |
| Chlorobenzene | 102 | 102 | 80-120 | 0 | 0-20 | |
| 1,2-Dibromoethane | 98 | 98 | 80-120 | 0 | 0-20 | |
| 1,2-Dichlorobenzene | 87 | 87 | 80-120 | 0 | 0-20 | |
| 1,1-Dichloroethene | 104 | 104 | 73-127 | 0 | 0-20 | |
| Ethylbenzene | 107 | 107 | 78-126 | 0 | 0-20 | |
| Toluene | 93 | 93 | 80-120 | 0 | 0-20 | |
| Trichloroethene | 100 | 100 | 77-120 | 0 | 0-20 | |
| Vinyl Chloride | 70 | 70 | 72-126 | 0 | 0-20 | 3 |
| Methyl-t-Butyl Ether (MTBE) | 111 | 111 | 67-121 | 0 | 0-49 | |
| Tert-Butyl Alcohol (TBA) | 83 | 83 | 36-162 | 0 | 0-30 | |
| Diisopropyl Ether (DIPE) | 79 | 79 | 60-138 | 0 | 0-45 | |
| Ethyl-t-Butyl Ether (ETBE) | 91 | 91 | 69-123 | 0 | 0-30 | |
| Tert-Amyl-Methyl Ether (TAME) | 106 | 106 | 65-120 | 0 | 0-20 | |
| Ethanol | 61 | 61 | 30-180 | 0 | 0-72 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| ETIC Engineering, Inc. | Date Received: | 08/11/09 |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |

Project ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| **09-08-0817-3** | **Aqueous** | **GC/MS L** | **08/14/09** | **08/14/09** | **090814S01** |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 121 | 123 | 76-124 | 2 | 0-20 | |
| Carbon Tetrachloride | 121 | 123 | 74-134 | 1 | 0-20 | |
| Chlorobenzene | 116 | 119 | 80-120 | 2 | 0-20 | |
| 1,2-Dibromoethane | 107 | 118 | 80-120 | 10 | 0-20 | |
| 1,2-Dichlorobenzene | 109 | 112 | 80-120 | 2 | 0-20 | |
| 1,1-Dichloroethene | 131 | 133 | 73-127 | 2 | 0-20 | 3 |
| Ethylbenzene | 121 | 120 | 78-126 | 1 | 0-20 | |
| Toluene | 120 | 122 | 80-120 | 2 | 0-20 | 3 |
| Trichloroethene | 121 | 122 | 77-120 | 0 | 0-20 | 3 |
| Vinyl Chloride | 115 | 116 | 72-126 | 1 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | 97 | 110 | 67-121 | 13 | 0-49 | |
| Tert-Butyl Alcohol (TBA) | 109 | 115 | 36-162 | 6 | 0-30 | |
| Diisopropyl Ether (DIPE) | 110 | 117 | 60-138 | 6 | 0-45 | |
| Ethyl-t-Butyl Ether (ETBE) | 100 | 112 | 69-123 | 12 | 0-30 | |
| Tert-Amyl-Methyl Ether (TAME) | 100 | 113 | 65-120 | 12 | 0-20 | |
| Ethanol | 129 | 143 | 30-180 | 10 | 0-72 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | 08/11/09 |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |

Project ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| **09-08-1287-1** | **Aqueous** | **GC/MS L** | **08/17/09** | **08/17/09** | **090817S01** |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 114 | 119 | 76-124 | 4 | 0-20 | |
| Toluene | 112 | 118 | 80-120 | 6 | 0-20 | |
| Ethylbenzene | 118 | 115 | 78-126 | 3 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | 81 | 97 | 67-121 | 16 | 0-49 | |
| Tert-Butyl Alcohol (TBA) | 98 | 108 | 36-162 | 10 | 0-30 | |
| Diisopropyl Ether (DIPE) | 104 | 101 | 60-138 | 2 | 0-45 | |
| Ethyl-t-Butyl Ether (ETBE) | 87 | 98 | 69-123 | 11 | 0-30 | |
| Tert-Amyl-Methyl Ether (TAME) | 90 | 104 | 65-120 | 14 | 0-20 | |
| Ethanol | 143 | 150 | 30-180 | 5 | 0-72 | |
| 1,1-Dichloroethene | 116 | 119 | 73-127 | 2 | 0-20 | |
| 1,2-Dibromoethane | 103 | 111 | 80-120 | 8 | 0-20 | |
| 1,2-Dichlorobenzene | 105 | 108 | 80-120 | 2 | 0-20 | |
| Carbon Tetrachloride | 113 | 115 | 74-134 | 2 | 0-20 | |
| Chlorobenzene | 115 | 114 | 80-120 | 1 | 0-20 | |
| Trichloroethene | 113 | 118 | 77-120 | 4 | 0-20 | |
| Vinyl Chloride | 108 | 108 | 72-126 | 0 | 0-20 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

| | | | |
|---|---|---|---|
| ETIC Engineering, Inc. | Date Received: | N/A |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 3510C |
| | Method: | EPA 8015B (M) |

Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-12-330-1,225 | Aqueous | GC 47 | 08/11/09 | 08/13/09 | 090811B18 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Diesel | 93 | 96 | 75-117 | 3 | 0-13 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

| | | | |
|---|---|---|---|
| ETIC Engineering, Inc. | Date Received: | N/A |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 3510C |
| | Method: | EPA 8015B (M) |

Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| **099-12-330-1,226** | **Aqueous** | **GC 47** | **08/11/09** | **08/13/09** | **090811B19** |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Diesel | 97 | 95 | 75-117 | 2 | 0-13 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

| | | | |
|---|---|---|---|
| ETIC Engineering, Inc. | Date Received: | N/A |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8015B (M) |

Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-12-436-3,655 | Aqueous | GC 22 | 08/12/09 | 08/12/09 | 090812B02 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Gasoline | 103 | 106 | 78-120 | 3 | 0-10 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | N/A |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8021B |

Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-12-667-538 | Aqueous | GC 21 | 08/15/09 | 08/15/09 | 090815B01 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 98 | 99 | 70-118 | 1 | 0-9 | |
| Toluene | 97 | 97 | 66-114 | 1 | 0-9 | |
| Ethylbenzene | 98 | 99 | 72-114 | 0 | 0-9 | |
| p/m-Xylene | 99 | 99 | 74-116 | 0 | 0-9 | |
| o-Xylene | 95 | 95 | 72-114 | 0 | 0-9 | |
| Methyl-t-Butyl Ether (MTBE) | 0 | | 41-137 | 0 | 0-13 | X |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | N/A |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |

Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-10-025-1,158 | Aqueous | GC/MS U | 08/13/09 | 08/13/09 | 090813L01 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | ME_CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|
| Benzene | 101 | 99 | 80-120 | 73-127 | 2 | 0-20 | |
| Carbon Tetrachloride | 101 | 102 | 74-134 | 64-144 | 1 | 0-20 | |
| Chlorobenzene | 105 | 102 | 80-120 | 73-127 | 2 | 0-20 | |
| 1,2-Dibromoethane | 98 | 95 | 79-121 | 72-128 | 4 | 0-20 | |
| 1,2-Dichlorobenzene | 89 | 89 | 80-120 | 73-127 | 1 | 0-20 | |
| 1,1-Dichloroethene | 106 | 102 | 78-126 | 70-134 | 4 | 0-28 | |
| Ethylbenzene | 112 | 109 | 80-120 | 73-127 | 3 | 0-20 | |
| Toluene | 97 | 96 | 80-120 | 73-127 | 1 | 0-20 | |
| Trichloroethene | 104 | 104 | 79-127 | 71-135 | 0 | 0-20 | |
| Vinyl Chloride | 74 | 71 | 72-132 | 62-142 | 5 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | 111 | 107 | 69-123 | 60-132 | 4 | 0-20 | |
| Tert-Butyl Alcohol (TBA) | 84 | 88 | 63-123 | 53-133 | 4 | 0-20 | |
| Diisopropyl Ether (DIPE) | 80 | 78 | 59-137 | 46-150 | 2 | 0-37 | |
| Ethyl-t-Butyl Ether (ETBE) | 89 | 88 | 69-123 | 60-132 | 1 | 0-20 | |
| Tert-Amyl-Methyl Ether (TAME) | 105 | 104 | 70-120 | 62-128 | 0 | 0-20 | |
| Ethanol | 56 | 67 | 28-160 | 6-182 | 17 | 0-57 | |

Total number of LCS compounds : 16
Total number of ME compounds : 1
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | N/A |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |

Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-10-025-1,164 | Aqueous | GC/MS L | 08/14/09 | 08/14/09 | 090814L01 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | ME CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|
| Benzene | 119 | 117 | 80-120 | 73-127 | 1 | 0-20 | |
| Carbon Tetrachloride | 116 | 117 | 74-134 | 64-144 | 1 | 0-20 | |
| Chlorobenzene | 114 | 115 | 80-120 | 73-127 | 1 | 0-20 | |
| 1,2-Dibromoethane | 115 | 115 | 79-121 | 72-128 | 0 | 0-20 | |
| 1,2-Dichlorobenzene | 113 | 114 | 80-120 | 73-127 | 1 | 0-20 | |
| 1,1-Dichloroethene | 120 | 118 | 78-126 | 70-134 | 2 | 0-28 | |
| Ethylbenzene | 117 | 116 | 80-120 | 73-127 | 0 | 0-20 | |
| Toluene | 121 | 121 | 80-120 | 73-127 | 0 | 0-20 | |
| Trichloroethene | 118 | 117 | 79-127 | 71-135 | 1 | 0-20 | |
| Vinyl Chloride | 98 | 92 | 72-132 | 62-142 | 6 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | 104 | 106 | 69-123 | 60-132 | 2 | 0-20 | |
| Tert-Butyl Alcohol (TBA) | 112 | 113 | 63-123 | 53-133 | 1 | 0-20 | |
| Diisopropyl Ether (DIPE) | 119 | 114 | 59-137 | 46-150 | 4 | 0-37 | |
| Ethyl-t-Butyl Ether (ETBE) | 108 | 110 | 69-123 | 60-132 | 2 | 0-20 | |
| Tert-Amyl-Methyl Ether (TAME) | 110 | 109 | 70-120 | 62-128 | 1 | 0-20 | |
| Ethanol | 103 | 115 | 28-160 | 6-182 | 11 | 0-57 | |

Total number of LCS compounds : 16
Total number of ME compounds : 1
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

| | | |
|---|---|---|
| ETIC Engineering, Inc. | Date Received: | N/A |
| 2285 Morello Avenue | Work Order No: | 09-08-0921 |
| Pleasant Hill, CA 94523-1850 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |

Project: ExxonMobil 73567, 3192 Santa Rita Road, Pleasanton, California

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-10-025-1,168 | Aqueous | GC/MS L | 08/17/09 | 08/17/09 | 090817L01 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | ME CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|
| Benzene | 111 | 111 | 80-120 | 73-127 | 0 | 0-20 | |
| Carbon Tetrachloride | 111 | 108 | 74-134 | 64-144 | 3 | 0-20 | |
| Chlorobenzene | 110 | 110 | 80-120 | 73-127 | 0 | 0-20 | |
| 1,2-Dibromoethane | 105 | 110 | 79-121 | 72-128 | 5 | 0-20 | |
| 1,2-Dichlorobenzene | 105 | 107 | 80-120 | 73-127 | 2 | 0-20 | |
| 1,1-Dichloroethene | 114 | 108 | 78-126 | 70-134 | 5 | 0-28 | |
| Ethylbenzene | 112 | 110 | 80-120 | 73-127 | 2 | 0-20 | |
| Toluene | 110 | 108 | 80-120 | 73-127 | 2 | 0-20 | |
| Trichloroethene | 113 | 109 | 79-127 | 71-135 | 3 | 0-20 | |
| Vinyl Chloride | 107 | 89 | 72-132 | 62-142 | 18 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | 91 | 94 | 69-123 | 60-132 | 4 | 0-20 | |
| Tert-Butyl Alcohol (TBA) | 105 | 108 | 63-123 | 53-133 | 3 | 0-20 | |
| Diisopropyl Ether (DIPE) | 94 | 99 | 59-137 | 46-150 | 6 | 0-37 | |
| Ethyl-t-Butyl Ether (ETBE) | 92 | 98 | 69-123 | 60-132 | 6 | 0-20 | |
| Tert-Amyl-Methyl Ether (TAME) | 97 | 99 | 70-120 | 62-128 | 2 | 0-20 | |
| Ethanol | 150 | 127 | 28-160 | 6-182 | 17 | 0-57 | |

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

Calscience Environmental Laboratories, Inc.

## Glossary of Terms and Qualifiers

Work Order Number: 09-08-0921

| Qualifier | Definition |
|---|---|
| * | 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. |

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

# CHAIN OF CUSTODY RECORD

DATE:



LABORATORY CLIENT: ExxonMobil c/o ETIC Engineering
ADDRESS: 2285 Morello Avenue
CITY: Pleasant Hill, CA 94523
TEL: 925-602-4710 x21 | FAX: 925-602-4720 | E-MAIL: see instructions

CLIENT PROJECT NAME / NUMBER: 73567, 3192 Santa Rita Road, Pleasanton, CA
PROJECT CONTACT: Erik Appel, ETIC Engineering
Project Number: TM3567.1.6
SAMPLER(S): (SIGNATURE)
P.O. NO.: 4510816320
QUOTE NO.:
LAB USE ONLY: 08-0921

TURNAROUND TIME
☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR X 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___/___/___

SPECIAL INSTRUCTIONS
**edf file required, Global ID #T0600100539**
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**

**REQUESTED ANALYSIS**

| LAB USE ONLY | SAMPLE ID | LOCATION/ DESCRIPTION | SAMPLING DATE | SAMPLING TIME | Matrix | #Cont | TPH-g by EPA Method 8015B | BTEX by EPA Method 8021B (M) | TPH-d by EPA Method 8015B * | MTBE, TBA, DIPE, TAME, ETBE, EDB, 1,2-DCA by EPA Method 8260B ** |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MW1 | | 08/10/09 | 0825 | Water | 8 | X | X | X | X |
| 2 | MW2 | | | 1120 | Water | 8 | X | X | X | X |
| 3 | MW3 | | | 0750 | Water | 7 | X | X | X | X |
| | ~~MW4~~ | | | | ~~Water~~ | ~~8~~ | ~~X~~ | ~~X~~ | ~~X~~ | ~~X~~ |
| 4 | MW5 | | | 0740 | Water | 8 | X | X | X | X |
| 5 | MW6 | | | 0855 | Water | 8 | X | X | X | X |
| 6 | MW7 | | | 0955 | Water | 8 | X | X | X | X |
| 7 | MW8 | | | 1030 | Water | 8 | X | X | X | X |
| 8 | MW9 | | | 0825 | Water | 8 | X | X | X | X |
| 9 | MW10 | | | 0905 | Water | 8 | X | X | X | X |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature) | Date: 8/10/09 | Time: 1900 |
| Relinquished by: (Signature) | Received by: (Signature) | Date: | Time: |
| Relinquished by: (Signature) | Received by: (Signature) | Date: 8/11/09 | Time: 10:30 |

GSO 8-10-09 1730

#724147841819

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

# CHAIN OF CUSTODY RECORD

DATE:



LABORATORY CLIENT: ExxonMobil c/o ETIC Engineering
ADDRESS: 2285 Morello Avenue
CITY: Pleasant Hill, CA 94523
TEL: 925-602-4710 x21 | FAX: 925-602-4720 | E-MAIL: see instructions

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☐ 5 DAYS X 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___/___/___

SPECIAL INSTRUCTIONS
**edf file required, Global ID #T0600100539**
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**

CLIENT PROJECT NAME / NUMBER: 73567, 3192 Santa Rita Road, Pleasanton, CA
P.O. NO.: 4510816320
PROJECT CONTACT: Erik Appel, ETIC Engineering
Project Number: TM3567.1.6
QUOTE NO.:
SAMPLER(S): (SIGNATURE)
LAB USE ONLY: 08-0921

## REQUESTED ANALYSIS

| LAB USE ONLY | SAMPLE ID | LOCATION/ DESCRIPTION | SAMPLING DATE | SAMPLING TIME | Matrix | #Cont | TPH-g by EPA Method 8015B | BTEX by EPA Method 8021B (M) | TPH-d by EPA Method 8015B * | MTBE, TBA, DIPE, TAME, ETBE, EDB, 1,2-DCA by EPA Method 8260B ** |
|---|---|---|---|---|---|---|---|---|---|---|
| 10 | MW11 | | 08-10-09 | 0945 | Water | 8 | X | X | X | X |
| 11 | MW12 | | | 1030 | Water | 8 | X | X | X | X |
| 12 | MW13 | | | 1100 | Water | 8 | X | X | X | X |
| | ~~MW14~~ | | | | Water | 8 | X | X | X | X |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature) | Date: 8/10/09 | Time: 1400 |
| Relinquished by: (Signature) | Received by: (Signature) | Date: | Time: |
| Relinquished by: (Signature) | Received by: (Signature) | Date: 8/11/09 | Time: 10:30 |

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-08-0921

# SAMPLE RECEIPT FORM

Cooler 1 of 2

CLIENT: ETIC

DATE: 08/11/09

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

**Temperature** 2.9 °C - 0.2 °C (CF) = 2.7 °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:** PS

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** PS

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** PS

| SAMPLE CONDITION: | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ COC not relinquished. ☐ No date relinquished. ☐ No time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Correct containers and volume for analyses requested | ☑ | ☐ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Proper preservation noted on COC or sample container | ☑ | ☐ | ☐ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☑ | ☐ | ☐ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

**Water:** ☐VOA ☑VOA**h** (6) ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☑500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na**

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Summa® ☐_____ **Other:** ☐_____ **Checked/Labeled by:** PS

**Container:** C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelop **Reviewed by:** JL

**Preservative:** h: HCL n: HNO3 na$_2$:$Na_2S_2O_3$ Na: NaOH p: $H_3PO_4$ s: $H_2SO_4$ znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** PS

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-08-0921

# SAMPLE RECEIPT FORM

Cooler 2 of 2

CLIENT: ETIC

DATE: 08 / 11 / 09

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

Temperature 3.2 °C - 0.2 °C (CF) = 3.0 °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: PS

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Initial: PS

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: PS

| SAMPLE CONDITION: | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ COC not relinquished. ☐ No date relinquished. ☐ No time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Correct containers and volume for analyses requested | ☑ | ☐ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Proper preservation noted on COC or sample container | ☑ | ☐ | ☐ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☑ | ☐ | ☐ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

**Water:** ☐VOA ☑VOAh ☐VOA$na_2$ ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGB$na_2$ ☐1AGBs ☐500AGB ☑500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJ$na_2$ ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Summa® ☐_____ **Other:** ☐_____ **Checked/Labeled by:** PS

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelop **Reviewed by:** _____

Preservative: h: HCL n: HNO3 $na_2$:$Na_2S_2O_3$ Na: NaOH p: $H_3PO_4$ s: $H_2SO_4$ znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** _____

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

# CHAIN OF CUSTODY RECORD

DATE:

PAGE: 1 OF 2

LABORATORY CLIENT: ExxonMobil c/o ETIC Engineering
ADDRESS: 2285 Morello Avenue
CITY: Pleasant Hill, CA 94523
TEL: 925-602-4710 x21 | FAX: 925-602-4720 | E-MAIL: see instructions

CLIENT PROJECT NAME / NUMBER: 73567, 3192 Santa Rita Road, Pleasanton, CA
PROJECT CONTACT: Erik Appel, ETIC Engineering
Project Number: TM3567.1.6
SAMPLER(S): (SIGNATURE)
P.O. NO.: 4510816320
QUOTE NO.:
LAB USE ONLY: 08-0921

TURNAROUND TIME
☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR X 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___/___/___

SPECIAL INSTRUCTIONS
**edf file required, Global ID #T0600100539**
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**

**REQUESTED ANALYSIS**

| LAB USE ONLY | SAMPLE ID | LOCATION/ DESCRIPTION | SAMPLING DATE | SAMPLING TIME | Matrix | #Cont | TPH-g by EPA Method 8015B | BTEX by EPA Method 8021B (M) | TPH-d by EPA Method 8015B * | MTBE, TBA, DIPE, TAME, ETBE, EDB, 1,2-DCA by EPA Method 8260B ** |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MW1 | | 08-10-09 | 0825 | Water | 8 | X | X | X | X |
| 2 | MW2 | | | 1120 | Water | 8 | X | X | X | X |
| 3 | MW3 | | | 0750 | Water | 7 | X | X | X | X |
| | ~~MW4~~ | | | | ~~Water~~ | ~~8~~ | ~~X~~ | ~~X~~ | ~~X~~ | ~~X~~ |
| 4 | MW5 | | | 0740 | Water | 8 | X | X | X | X |
| 5 | MW6 | | | 0855 | Water | 8 | X | X | X | X |
| 6 | MW7 | | | 0955 | Water | 8 | X | X | X | X |
| 7 | MW8 | | | 1030 | Water | 8 | X | X | X | X |
| 8 | MW9 | | | 0825 | Water | 8 | X | X | X | X |
| 9 | MW10 | | | 0905 | Water | 8 | X | X | X | X |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature) | Date: 8/10/09 | Time: 1400 |
| Relinquished by: (Signature) | Received by: (Signature) | Date: | Time: |
| Relinquished by: (Signature) | Received by: (Signature) | Date: 8/11/09 | Time: 10:30 |

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

# CHAIN OF CUSTODY RECORD

DATE:

PAGE: 2 OF 2

LABORATORY CLIENT: ExxonMobil c/o ETIC Engineering
ADDRESS: 2285 Morello Avenue
CITY: Pleasant Hill, CA 94523
TEL: 925-602-4710 x21 | FAX: 925-602-4720 | E-MAIL: see instructions

CLIENT PROJECT NAME / NUMBER: 73567, 3192 Santa Rita Road, Pleasanton, CA
PROJECT CONTACT: Erik Appel, ETIC Engineering | Project Number: TM3567.1.6
SAMPLER(S): (SIGNATURE)
P.O. NO.: 4510816320
QUOTE NO.:
LAB USE ONLY: 08-0921

TURNAROUND TIME
☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☐ 5 DAYS X 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ____/____/____

SPECIAL INSTRUCTIONS
**edf file required, Global ID #T0600100539**
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**

**REQUESTED ANALYSIS**

| LAB USE ONLY | SAMPLE ID | LOCATION/ DESCRIPTION | SAMPLING DATE | SAMPLING TIME | Matrix | #Cont | TPH-g by EPA Method 8015B | BTEX by EPA Method 8021B (M) | TPH-d by EPA Method 8015B * | MTBE, TBA, DIPE, TAME, ETBE, EDB, 1,2-DCA by EPA Method 8260B ** |
|---|---|---|---|---|---|---|---|---|---|---|
| 10 | MW11 | | 08-10-09 | 0945 | Water | 8 | X | X | X | X |
| 11 | MW12 | | | 1030 | Water | 8 | X | X | X | X |
| 12 | MW13 | | | 1100 | Water | 8 | X | X | X | X |
| | ~~MW14~~ | | | | Water | 8 | X | X | X | X |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature) | Date: 8/10/09 | Time: 1400 |
| Relinquished by: (Signature) | Received by: (Signature) | Date: | Time: |
| Relinquished by: (Signature) | Received by: (Signature) | Date: 8/11/09 | Time: 10:30 |

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-08-0 9 2 1

# SAMPLE RECEIPT FORM

Cooler 1 of 2

CLIENT: ETIC

DATE: 08 / 11 / 09

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

Temperature 2.9 °C - 0.2 °C (CF) = 2.7 °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: PS

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Initial: PS

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: PS

| SAMPLE CONDITION: | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ COC not relinquished. ☐ No date relinquished. ☐ No time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Correct containers and volume for analyses requested | ☑ | ☐ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Proper preservation noted on COC or sample container | ☑ | ☐ | ☐ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☑ | ☐ | ☐ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☐ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

**Water:** ☐VOA ☑VOA**h** (6) ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☑500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na**

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Summa® ☐_____ **Other:** ☐_____ **Checked/Labeled by:** PS

**Container:** C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelop **Reviewed by:** JL

**Preservative:** h: HCL n: HNO3 na$_2$:$Na_2S_2O_3$ Na: NaOH p: $H_3PO_4$ s: $H_2SO_4$ znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** PS

Calscience Environmental Laboratories, Inc.

**WORK ORDER #: 09-08-0921**

# SAMPLE RECEIPT FORM

**Cooler** 2 **of** 2

**CLIENT:** ETIC **DATE:** 08 / 11 / 09

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

**Temperature** 3.2 °C - 0.2 °C (CF) = 3.0 °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:** PS

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** PS

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** PS

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ COC not relinquished. ☐ No date relinquished. ☐ No time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Correct containers and volume for analyses requested | ☑ | ☐ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Proper preservation noted on COC or sample container | ☑ | ☐ | ☐ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☑ | ☐ | ☐ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

**Water:** ☐VOA ☑VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☑500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na**

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Summa® ☐_____ **Other:** ☐_____ **Checked/Labeled by:** PS

**Container:** C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelop **Reviewed by:** _____

**Preservative:** h: HCL n: HNO3 na$_2$: $Na_2S_2O_3$ Na: NaOH p: $H_3PO_4$ s: $H_2SO_4$ znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** _____