

ExxonMobil
Refining & Supply Company
Global Remediation
4096 Piedmont Avenue #194
Oakland, CA 94611
510.547.8196
510.547.8706 FAX
jennifer.c.sedlachek@exxonmobil.com

Jennifer C. Sedlachek
Project Manager

VR0386

ExxonMobil
Refining & Supply

April 15, 2005

Mr. Amir Gholami
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Subject: Former Mobil Station 04-334, 2492 Castro Valley Boulevard, Castro Valley, California

Dear Mr. Gholami:

Attached for your review and comment is a copy of the *Report of Groundwater Monitoring, First Quarter 2005* for the above-referenced site. The report, prepared by ETIC Engineering, Inc. of Pleasant Hill, California, details the results of the February 2005 sampling event.

If you have any questions or comments, please contact me at 510.547.8196.

Sincerely,



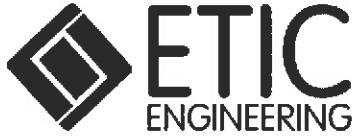
Jennifer C. Sedlachek
Project Manager

Alameda County
APR 20 2005
Environmental Health

Attachment: ETIC Groundwater Monitoring Report dated April 2005

- c: w/ attachment:
 - Ms. Paula Floeck – Jiffy Lube International
 - Mr. Dan McQuillen – Jiffy Lube Remediation Coordinator
 - Mr. William Slautterback – Cal Lube Real Estate Limited Partnership
 - Mr. William Peterson – Owner of Castro Valley Lumber Company

- c: w/o attachment:
 - Ms. Christa Marting - ETIC Engineering, Inc.



Report of Groundwater Monitoring First Quarter 2005

**Former Mobil Station 04-334
2492 Castro Valley Boulevard
Castro Valley, California**

Prepared for

ExxonMobil Oil Corporation
4096 Piedmont Avenue #194
Oakland, California 94611

Alameda County
Environmental Health
April 29 2005

Prepared by

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

Sherris Prall

Sherris Prall
Project Manager

4/15/05

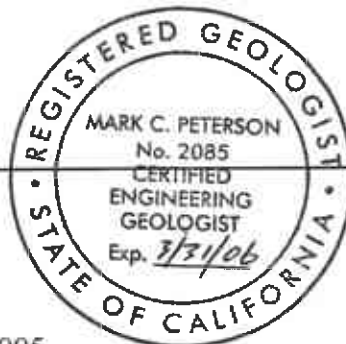
Date

Mark C. Peterson

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

4/15/05

Date



April 2005

SITE CONTACTS

Station Number: Former Mobil Station 04-334

Station Address: 2492 Castro Valley Boulevard
Castro Valley, California

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

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

ETIC Project Manager: Sherris Prall

Regulatory Oversight: Amir Gholami
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502
(510) 567-6700

INTRODUCTION

At the request of ExxonMobil Oil Corporation, ETIC Engineering, Inc. has prepared this report of groundwater monitoring for former Mobil Station 04-334. 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 9 November 2004, the date of the last monitoring event, through 16 February 2005, the date of the recent monitoring event. Groundwater monitoring results, well construction details, and a groundwater monitoring plan are provided in the attached figures and tables. Groundwater monitoring protocols, field data, and analytical results are provided in the attached appendixes.

GENERAL SITE INFORMATION

| | |
|----------------------------------|---|
| Site name: | Former Mobil Station 04-334 |
| Site address: | 2492 Castro Valley Boulevard, Castro Valley, California |
| Current property owner: | Cal Lube Real Estate Limited Partnership I |
| Current site use: | Jiffy Lube Oil Change facility |
| Current phase of project: | Groundwater monitoring |
| Tanks at site: | Four former underground storage tanks removed 1983 |
| Number of wells: | 4 (3 onsite, 1 offsite) |

GROUNDWATER MONITORING SUMMARY

| | |
|------------------------------------|---|
| Gauging and sampling date: | 16 February 2005 |
| Wells gauged and sampled: | MW1-MW4 |
| Wells gauged only: | None |
| Groundwater flow direction: | Southeast |
| Groundwater gradient: | 0.02 |
| Well screens submerged: | MW3 |
| Well screens not submerged: | MW1, MW2, MW4 |
| Liquid-phase hydrocarbons: | Not observed or detected |
| Laboratory: | TestAmerica, Inc., Nashville, Tennessee |

Analyses performed:

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

ADDITIONAL ACTIVITIES PERFORMED AT SITE

No additional activities were performed at the site.

A Report of Well Installation was submitted to Alameda County Health Care Services Agency in September 2004.

WORK PROPOSED FOR NEXT QUARTER

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

Attachments:

Figure 1: Site Plan Showing Groundwater Elevations and Analytical Results

Table 1: Well Construction Details

Table 2: Groundwater Monitoring Data

Table 3: Groundwater Monitoring Plan

Appendix A: Field Protocols

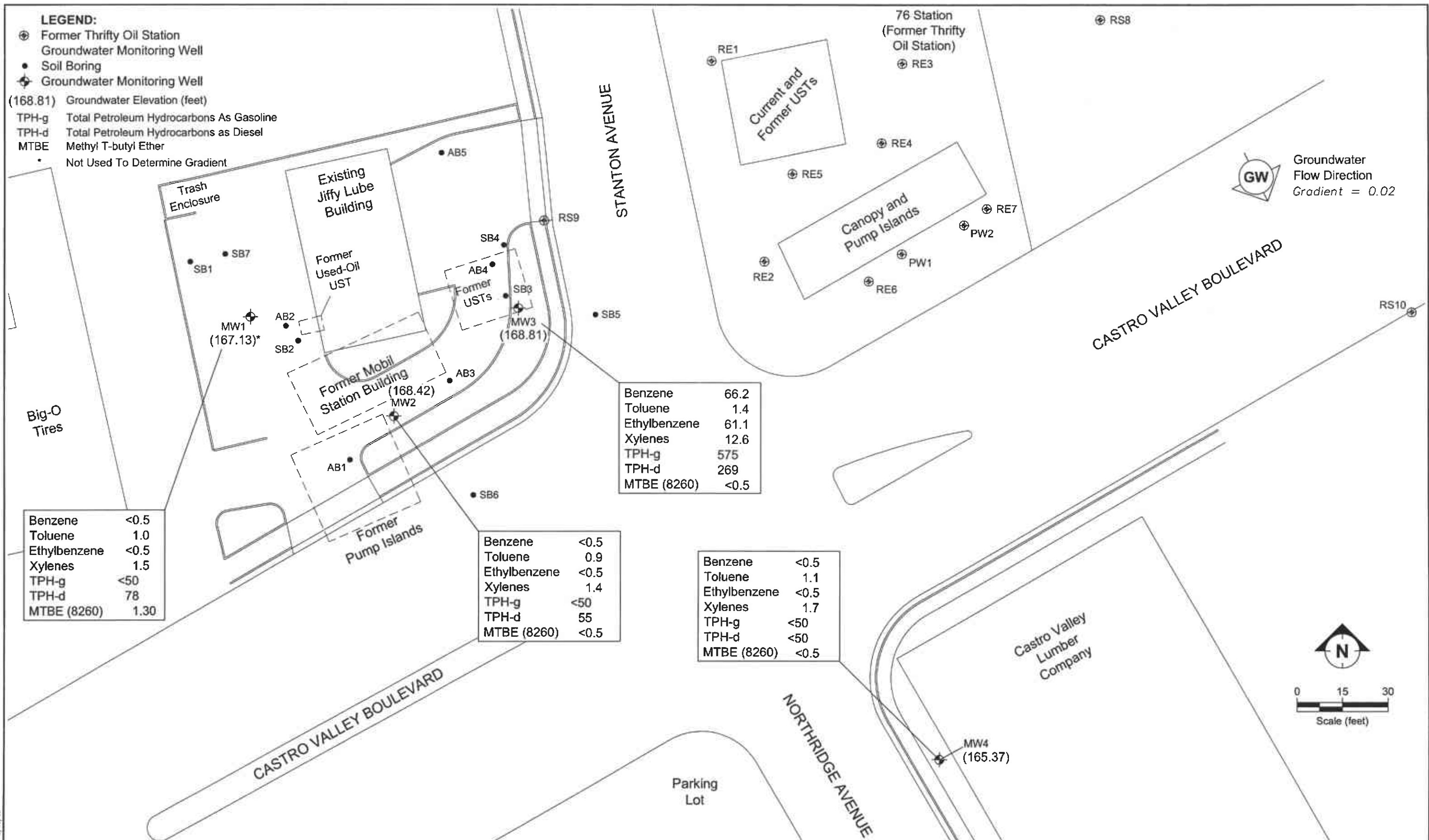
Appendix B: Field Documents

Appendix C: Laboratory Analytical Reports

- LEGEND:**
- ⊕ Former Thrifty Oil Station Groundwater Monitoring Well
 - Soil Boring
 - ⊕ Groundwater Monitoring Well

(168.81) Groundwater Elevation (feet)
 TPH-g Total Petroleum Hydrocarbons As Gasoline
 TPH-d Total Petroleum Hydrocarbons as Diesel
 MTBE Methyl T-butyl Ether
 • Not Used To Determine Gradient

GW
 Groundwater Flow Direction
 Gradient = 0.02



| | |
|--------------|------|
| Benzene | <0.5 |
| Toluene | 1.0 |
| Ethylbenzene | <0.5 |
| Xylenes | 1.5 |
| TPH-g | <50 |
| TPH-d | 78 |
| MTBE (8260) | 1.30 |

| | |
|--------------|------|
| Benzene | 66.2 |
| Toluene | 1.4 |
| Ethylbenzene | 61.1 |
| Xylenes | 12.6 |
| TPH-g | 575 |
| TPH-d | 269 |
| MTBE (8260) | <0.5 |

| | |
|--------------|------|
| Benzene | <0.5 |
| Toluene | 0.9 |
| Ethylbenzene | <0.5 |
| Xylenes | 1.4 |
| TPH-g | <50 |
| TPH-d | 55 |
| MTBE (8260) | <0.5 |

| | |
|--------------|------|
| Benzene | <0.5 |
| Toluene | 1.1 |
| Ethylbenzene | <0.5 |
| Xylenes | 1.7 |
| TPH-g | <50 |
| TPH-d | <50 |
| MTBE (8260) | <0.5 |

Note:
 Concentrations In Micrograms Per Liter (ug/L).



SITE PLAN SHOWING GROUNDWATER ELEVATIONS AND ANALYTICAL RESULTS
 FORMER MOBIL STATION 04-334
 2492 CASTRO VALLEY BOULEVARD, CASTRO VALLEY, CALIFORNIA
 16 FEBRUARY 2005

FIGURE:
1

FILENAME: 102005.DWG 3/19/05

TABLE 1 WELL CONSTRUCTION DETAILS, FORMER MOBIL STATION 04-334, 2492 CASTRO VALLEY BOULEVARD, CASTRO VALLEY, CALIFORNIA

| Well Number | Well Installation Date | Elevation TOC (feet) | Casing Material | Total Depth (feet) | Well Depth (feet) | Borehole Diameter (inches) | Casing Diameter (inches) | Screened Interval (feet) | Slot Size (inches) | Filter Pack Interval (feet) | Filter Pack Material |
|-------------|------------------------|----------------------|-----------------|--------------------|-------------------|----------------------------|--------------------------|--------------------------|--------------------|-----------------------------|----------------------|
| MW1 | a 06/24/04 | 173.23 | PVC | 20 | 20 | 8.25 | 2 | 5 - 20 | 0.010 | 4.5 - 20 | #2/12 Sand |
| MW2 | a 06/25/04 | 173.63 | PVC | 20 | 20 | 8.25 | 2 | 5 - 20 | 0.010 | 4.5 - 20 | #2/12 Sand |
| MW3 | a 06/25/04 | 171.91 | PVC | 20 | 20 | 8.25 | 2 | 5 - 20 | 0.010 | 4.5 - 20 | #2/12 Sand |
| MW4 | a 06/24/04 | 170.48 | PVC | 15 | 14 | 8.25 | 2 | 4 - 14 | 0.010 | 3.5 - 15 | #2/12 Sand |

a Well surveyed on 12 July 2004 by Morrow Surveying.

PVC Polyvinyl chloride.

TOC Top of casing.

TABLE 2 GROUNDWATER MONITORING DATA, FORMER MOBIL STATION 04-334, 2492 CASTRO VALLEY BOULEVARD, CASTRO VALLEY, CALIFORNIA

| Well ID | Date | Top of Casing | Depth to | Groundwater | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | TPH-g (µg/L) | TPH-d (µg/L) | MTBE (µg/L) |
|------------|-----------------|------------------|--------------|------------------|-----------------|----------------|----------------------|----------------------|-----------------|---------------|-----------------------------|
| | | Elevation (feet) | Water (feet) | Elevation (feet) | | | | | | | |
| MW1 | a 08/13/04 | 173.23 | 7.32 | 165.91 | <0.5 | 0.7 | <0.5 | 1.0 | <50 | 71 | 1.20 ^b |
| MW1 | 11/09/04 | 173.23 | 6.96 | 166.27 | <0.5 | 0.9 | <0.5 | 0.9 | <50 | 63 | 1.50 ^b |
| MW1 | 02/16/05 | 173.23 | 6.10 | 167.13 | <0.50 | 1.0 | <0.5 | 1.5 | <50.0 | 78 | 1.30^b |
| MW2 | a 08/13/04 | 173.63 | 6.96 | 166.67 | <0.5 | 0.8 | <0.5 | 1.0 | <50 | 57 | <0.5 ^b |
| MW2 | 11/09/04 | 173.63 | 6.44 | 167.19 | <0.5 | 1.1 | <0.5 | 1.2 | <50 | <50 | <0.5 ^b |
| MW2 | 02/16/05 | 173.63 | 5.21 | 168.42 | <0.50 | 0.9 | <0.5 | 1.4 | <50.0 | 55 | <0.50^b |
| MW3 | a 08/13/04 | 171.91 | 5.36 | 166.55 | 100 | 2.0 | 187 | 59.6 | 1,440 | 352 | <0.5 ^b |
| MW3 | 11/09/04 | 171.91 | 4.80 | 167.11 | 188 | 3.6 | 242 | 20.0 | 1,690 | 461 | <0.5 ^b |
| MW3 | 02/16/05 | 171.91 | 3.10 | 168.81 | 66.2 | 1.4 | 61.1 | 12.6 | 575 | 269 | <0.50^b |
| MW4 | a 08/13/04 | 170.48 | 6.10 | 164.38 | <0.5 | 0.8 | <0.5 | 1.1 | <50 | 72 | 2.80 ^b |
| MW4 | 11/09/04 | 170.48 | 5.54 | 164.94 | <0.5 | 2.3 | 0.7 | 1.5 | <50 | <50 | 2.10 ^b |
| MW4 | 02/16/05 | 170.48 | 5.11 | 165.37 | <0.50 | 1.1 | <0.5 | 1.7 | <50.0 | <50 | <0.50^b |

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

b Analyzed by EPA Method 8260.

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

TPH-g Total Petroleum Hydrocarbons as gasoline.

TPH-d Total Petroleum Hydrocarbons as diesel.

MTBE Methyl tertiary butyl ether.

µg/L Micrograms per liter.

TABLE 3 GROUNDWATER MONITORING PLAN,
 FORMER MOBIL STATION 04-334, 2492 CASTRO VALLEY BOULEVARD, CASTRO VALLEY, CALIFORNIA

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

Q = Quarterly

BTEX = Benzene, toluene, ethylbenzene, total xylenes.

MTBE = Methyl tertiary butyl ether.

TPH-g = Total Petroleum Hydrocarbons as gasoline.

TPH-d = Total Petroleum Hydrocarbons as diesel.

Appendix A
Field Protocols

PROTOCOLS FOR QUARTERLY GROUNDWATER MONITORING

GROUNDWATER GAUGING

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

WELL PURGING

After the wells are gauged, each well is purged of approximately 3 well casing volumes of water to provide representative groundwater samples for analysis. Field parameters of pH, temperature, and electrical conductance are measured during purging to ensure that these parameters have stabilized before groundwater in a well is sampled. Groundwater in each well is purged using an inertial pump (WaTerra), an electric submersible pump, or a bailer. After the well is purged, the water level is checked to ensure that the well has recharged to at least 80 percent of its original water level.

GROUNDWATER SAMPLING

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

Appendix B
Field Documents



MONITORING WELL DATA FORM

Client: Exxon Date: 2.16.05

Project Number: UP04-334 Station Number: 04-334

Site Location: 2492 Castro Valley Blvd, Castro Valley, California Samplers: WF

| MONITORING WELL NUMBER | DEPTH TO WATER (TOC) FT. | DEPTH TO PRODUCT (TOC) FT. | APPARENT PRODUCT THICKNESS (FT.) | AMOUNT OF PRODUCT REMOVED (L) | MONITORING WELL INTEGRITY | DEPTH TO BOTTOM (TOC) | WELL CASING DIAMETER |
|------------------------|--------------------------|----------------------------|----------------------------------|-------------------------------|---------------------------|-----------------------|----------------------|
|------------------------|--------------------------|----------------------------|----------------------------------|-------------------------------|---------------------------|-----------------------|----------------------|

| | | | | | | | |
|-----|------|--|--|--|--|-------|----|
| MW1 | 6.10 | | | | | 19.83 | 2" |
| MW2 | 5.21 | | | | | 20.07 | 2" |
| MW3 | 3.10 | | | | | 19.88 | 2" |
| MW4 | 5.11 | | | | | 14.50 | 2" |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 04-334

Well No: MW1

Date: 2-16-05

Project No: UP04-334.1

Personnel: AS

GAUGING DATA

Water Level Measuring Method: WLM / IP

Measuring Point Description: TOC

| WELL PURGE VOLUME CALCULATION | Total Depth (feet) | Depth to Water (feet) | Water Column (feet) | Multiplier for Casing Diameter | | | | Casing Volume (gal) | Total Purge Volume (gal) |
|-------------------------------|--------------------|-----------------------|---------------------|--------------------------------|------|------|------|---------------------|--------------------------|
| ... | 19.83 | 6.60 | 13.73 | 1 | 2 | 4 | 6 | 219 | 6.59 |
| | | | | 0.04 | 0.16 | 0.64 | 1.44 | | |

PURGING DATA

Purge Method: WATERRA / BAILER / SUB

Purge Rate: GPM

| Time | 13:41 | 13:43 | 13:45 | | | |
|--------------------|--------------|-------------|--------------|--|--|--|
| Volume Purge (gal) | 2 | 4 | 6 | | | |
| Temperature (C) | 18.9 | 19.0 | 19.4 | | | |
| pH | 7.52 | 7.44 | 7.47 | | | |
| Spec Cond (umhos) | 1030 | 1041 | 1052 | | | |
| Turbidity/Color | SILTY / 1300 | SILTY / 800 | SILTY / 1000 | | | |
| Odor (Y/N) | N | N | N | | | |
| Casing Volumes | 1 | 2 | 3 | | | |
| Dewatered (Y/N) | N | N | N | | | |

Comments/Observations:

SAMPLING DATA

Time Sampled: 13:50

Approximate Depth to Water During Sampling: 7 (feet)

Comments:

| Sample Number | Number of Containers | Container Type | Perservative | Volume Filled (mL or L) | Turbidity/ Color | Analysis Method |
|---------------|----------------------|----------------|--------------|-------------------------|------------------|-------------------|
| MW1 | 6 | Voa | HCL | 40 ml | | TPH-g, BTEX, MTBE |
| MW1 | 2 | AMBERS | HCL | 1L | | TPH-D |
| | | | | | | |

Total Purge Volume: 6 (gallons)

Disposal: SYSTEM

Weather Conditions: OK

BOLTS / N

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

CAP & LOCK / N

Well Head Conditions Requiring Correction: NONE

GROUT / N

Problems Encountered During Purging and Sampling: NONE

WELL BOX: / N

Comments:

SECURED / N



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 04-334 Well No: MWZ Date: 2-16-05
 Project No: UP04-334.1 Personnel: WJ

GAUGING DATA

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

| WELL PURGE VOLUME CALCULATION | Total Depth (feet) | Depth to Water (feet) | Water Column (feet) | Multiplier for Casing Diameter | | | | Casing Volume (gal) | Total Purge Volume (gal) |
|-------------------------------|--------------------|-----------------------|---------------------|--------------------------------|------|------|------|---------------------|--------------------------|
| | 20.07 | 5.21 | 14.86 | 1 | 2 | 4 | 6 | 237 | 7.13 |
| | | | | 0.04 | 0.16 | 0.64 | 1.44 | | |

PURGING DATA

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

| Time | 14:11 | 14:14 | 14:17 | 14:20 | | | |
|---------------------|----------------|----------------|----------------|-------|--|--|--|
| Volume Purge (gal) | 2 | 4 | 6 | | | | |
| Temperature (C) | 18.6 | 18.6 | 18.9 | | | | |
| pH | 7.50 | 7.41 | 7.42 | | | | |
| Spec. Cond. (umhos) | 878.3 | 903.4 | 924.0 | | | | |
| Turbidity/Color | slight / green | slight / green | slight / green | | | | |
| Odor (Y/N) | N | N | N | | | | |
| Casing Volumes | 1 | 2 | 3 | | | | |
| Dewatered (Y/N) | N | N | N | | | | |

Comments/Observations:

SAMPLING DATA

Time Sampled: 14:25 Approximate Depth to Water During Sampling: 6 (feet)

Comments:

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

Total Purge Volume: 6 (gallons) Disposal: SYSTEM

Weather Conditions: OK BOLTS (Y) / N

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

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

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

Comments: SECURED (Y) / N



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 04-334 Well No: MW3 Date: 2.16.05
 Project No: UP04-334.1 Personnel: WF

GAUGING DATA

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

| WELL PURGE VOLUME CALCULATION | Total Depth (feet) | Depth to Water (feet) | Water Column (feet) | Multiplier for Casing Diameter | | | | Casing Volume (gal) | Total Purge Volume (gal) |
|-------------------------------|--------------------|-----------------------|---------------------|--------------------------------|------|------|------|---------------------|--------------------------|
| | ... | 19.88 | 3.10 | 16.78 | 1 | 2 | 4 | 6 | 268 |
| | | | | 0.04 | 0.16 | 0.64 | 1.44 | | |

PURGING DATA

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

| Time | 14:42 | 14:45 | 14:48 | | | |
|--------------------|-----------|-------------|-------|--|--|--|
| Volume Purge (gal) | 3 | 6 | 9 | | | |
| Temperature (C) | 17.0 | 18.2 | | | | |
| pH | 7.36 | 7.37 | | | | |
| Spec Cond (umhos) | 1230 | 1263 | | | | |
| Turbidity/Color | SLM / SEN | FILTY / SEN | | | | |
| Odor (Y/N) | Y | Y | | | | |
| Casing Volumes | 1 | 2 | 3 | | | |
| Dewatered (Y/N) | N | N | Y | | | |

Comments/Observations: WELL DEWATERED @ 8 GALLONS RECHARGED & SANITIZED

SAMPLING DATA

Time Sampled: 15:00 Approximate Depth to Water During Sampling: 4 (feet)

Comments:

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

Total Purge Volume: 8 (gallons) Disposal: SYSTEM

Weather Conditions: OK BOLTS (Y) / N

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

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

Problems Encountered During Purging and Sampling: DEWATERED WELL BOX (Y) / N

Comments: SECURED (Y) / N



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 04-334

Well No: MW4

Date: 2/16/05

Project No: UP04-334.1

Personnel: WY

GAUGING DATA

Water Level Measuring Method: WLM / IP

Measuring Point Description: TOC

| WELL PURGE VOLUME CALCULATION | Total Depth (feet) | Depth to Water (feet) | Water Column (feet) | Multiplier for Casing Diameter | Casing Volume (gal) | Total Purge Volume (gal) |
|-------------------------------|--------------------|-----------------------|---------------------|--------------------------------|---------------------|--------------------------|
| | 14.50 | 5.11 | 9.39 | 1.2 | 150 | 4.50 |
| | | | | 0.04 0.16 0.64 1.44 | | |

PURGING DATA

Purge Method: WATERRA/BAILER / SUB

Purge Rate: 1.0 GPM

| Time | 12:42 | 12:44 | 12:46 | | | |
|--------------------|-----------|-----------|-------|--|--|--|
| Volume Purge (gal) | 2 | 4 | 6 | | | |
| Temperature (C) | 16.0 | 16.2 | | | | |
| pH | 7.67 | 7.57 | | | | |
| Spec Cond (umhos) | 826.0 | 917.5 | | | | |
| Turbidity/Color | NTU / PCU | NTU / PCU | | | | |
| Odor (Y/N) | N | N | | | | |
| Casing Volumes | 1 | 2 | 3 | | | |
| Dewatered (Y/N) | N | N | Y | | | |

Comments/Observations: WELL DEWATERED @ 5 GALLONS RECHARGED & SAMPLED

SAMPLING DATA

Time Sampled: 12:55

Approximate Depth to Water During Sampling: 6 (feet)

Comments:

| Sample Number | Number of Containers | Container Type | Perservative | Volume Filled (mL or L) | Turbidity/ Color | Analysis Method |
|---------------|----------------------|----------------|--------------|-------------------------|------------------|-------------------|
| MW4 | 6 | Voa | HCL | 40 ml | | TPH-g, BTEX, MTBE |
| MW4 | 2 | AMBERS | HCL | 1L | | TPH-D |
| | | | | | | |

Total Purge Volume: 5 (gallons)

Disposal: SYSTEM

Weather Conditions: OK

BOLTS / N

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

CAP & LOCK / N

Well Head Conditions Requiring Correction: NONE

GROUT / N

Problems Encountered During Purging and Sampling: DEWATERED

WELL BOX. / N

Comments:

SECURED / N

Appendix C

Laboratory Analytical Reports

2/24/05

RECEIVED

MAR 04 2005

ETIC ENGINEERING 10236
BRYAN CAMPBELL
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

ETIC ENGINEERING

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: EXXONMOBIL 04-334
Project Number: .
Laboratory Project Number: 406804.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

Page 1

| Sample Identification | Lab Number | Collection Date |
|-----------------------|------------|-----------------|
| MW1 | 05-A23308 | 2/16/05 |
| MW2 | 05-A23309 | 2/16/05 |
| MW3 | 05-A23310 | 2/16/05 |
| MW4 | 05-A23311 | 2/16/05 |

| Sample Identification | Lab Number | Page 2 Collection Date |
|-----------------------|------------|---------------------------|
| ----- | ----- | ----- |

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

Report Approved By: *Pamela A. Langford* Report Date: 2/24/05

Johnny A. Mitchell, Laboratory Director
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Senior Project Manager
Eric S. Smith, QA/QC Director
Sandra McMillin, Technical Services

Gail A. Lage, Senior Project Manager
Glenn L. Norton, Technical Services
Kelly S. Comstock, Technical Services
Roxanne L. Connor, Senior Project Manag

Laboratory Certification Number: 01168CA

This material is intended only for the use of the individual(s) or entity to whom it is addressed,
and may contain information that is privileged and confidential. If you are not the intended recipient,
or the employee or agent responsible for delivering this material to the intended recipient, you are
hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited.
If you have received this material in error, please notify us immediately at 615-726-0177.

ANALYTICAL REPORT

ETIC ENGINEERING 10236
BRYAN CAMPBELL
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Lab Number: 05-A23308
Sample ID: MW1
Sample Type: Water
Site ID: 04-334

Project:
Project Name: EXXONMOBIL 04-334
Sampler: WYNN PACULBA

Date Collected: 2/16/05
Time Collected: 13:50
Date Received: 2/18/05
Time Received: 7:50
Page: 1

Purchase Order: 4505802520

| Analyte | Result | Units | Report | Dil | Analysis | Analysis | Analyst | Method | Batch |
|------------------------|--------|-------|--------|--------|----------|----------|------------|------------|-------|
| | | | Limit | Factor | Date | Time | | | |
| *ORGANIC PARAMETERS* | | | | | | | | | |
| **Benzene | ND | ug/l | 0.50 | 1.0 | 2/23/05 | 6:15 | I. Ahmed | 8021B | 279 |
| **Ethylbenzene | ND | ug/l | 0.5 | 1.0 | 2/23/05 | 6:15 | I. Ahmed | 8021B | 279 |
| **Toluene | 1.0 | ug/l | 0.5 | 1.0 | 2/23/05 | 6:15 | I. Ahmed | 8021B | 279 |
| **Xylenes (Total) | 1.5 | ug/l | 0.5 | 1.0 | 2/23/05 | 6:15 | I. Ahmed | 8021B | 279 |
| **TPH (Gasoline Range) | ND | ug/l | 50.0 | 1.0 | 2/23/05 | 6:15 | I. Ahmed | 8015B | 279 |
| **TPH (Diesel Range) | 78. | ug/l | 50. | 1.0 | 2/20/05 | 23:39 | B. Yanna | 8015B/3510 | 1532 |
| *VOLATILE ORGANICS* | | | | | | | | | |
| **Methyl-t-butyl ether | 1.30 | ug/l | 0.50 | 1.0 | 2/21/05 | 23:26 | A. Steimle | 8260B | 3581 |

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

| Parameter | Wt/Vol | | Date | Time | Analyst | Method |
|-----------|-----------|-------------|---------|------|-----------|--------|
| | Extracted | Extract Vol | | | | |
| EPH | 1000 ml | 1.00 ml | 2/19/05 | | K. Turner | 3510 |

| Surrogate | % Recovery | Target Range |
|-----------|------------|--------------|
| ----- | ----- | ----- |

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 05-A23308
Sample ID: MW1
Project:
Page 2

| Surrogate | % Recovery | Target Range |
|---------------------------|------------|--------------|
| ----- | ----- | ----- |
| TPH Hi Surr., o-Terphenyl | 120. | 55. - 133. |
| BTEX/GRO Surr., a,a,a-TFT | 103. | 69. - 132. |
| VOA Surr 1,2-DCA-d4 | 108. | 73. - 127. |
| VOA Surr Toluene-d8 | 104. | 79. - 113. |
| VOA Surr, 4-BFB | 111. | 79. - 125. |
| VOA Surr, DBPM | 101. | 75. - 134. |

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
= Recovery outside Laboratory historical or method prescribed limits.
** = NELAC E87358 Certified Analyte

End of Sample Report.

ANALYTICAL REPORT

ETIC ENGINEERING 10236
BRYAN CAMPBELL
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Lab Number: 05-A23309
Sample ID: MW2
Sample Type: Water
Site ID: 04-334

Project:
Project Name: EXXONMOBIL 04-334
Sampler: WYNN PACULBA

Date Collected: 2/16/05
Time Collected: 14:25
Date Received: 2/18/05
Time Received: 7:50
Page: 1

Purchase Order: 4505802520

| Analyte | Result | Units | Report Limit | Dil Factor | Analysis Date | Analysis Time | Analyst | Method | Batch |
|------------------------|--------|-------|--------------|------------|---------------|---------------|------------|------------|-------|
| *ORGANIC PARAMETERS* | | | | | | | | | |
| **Benzene | ND | ug/l | 0.50 | 1.0 | 2/23/05 | 6:29 | I. Ahmed | 8021B | 279 |
| **Ethylbenzene | ND | ug/l | 0.5 | 1.0 | 2/23/05 | 6:29 | I. Ahmed | 8021B | 279 |
| **Toluene | 0.9 | ug/l | 0.5 | 1.0 | 2/23/05 | 6:29 | I. Ahmed | 8021B | 279 |
| **Xylenes (Total) | 1.4 | ug/l | 0.5 | 1.0 | 2/23/05 | 6:29 | I. Ahmed | 8021B | 279 |
| **TPH (Gasoline Range) | ND | ug/l | 50.0 | 1.0 | 2/23/05 | 6:29 | I. Ahmed | 8015B | 279 |
| **TPH (Diesel Range) | 55. | ug/l | 50. | 1.0 | 2/21/05 | 0:13 | B. Yanna | 8015B/3510 | 1532 |
| *VOLATILE ORGANICS* | | | | | | | | | |
| **Methyl-t-butyl ether | ND | ug/l | 0.50 | 1.0 | 2/21/05 | 23:49 | A. Steimle | 8260B | 3581 |

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

| Parameter | Wt/Vol | | Date | Time | Analyst | Method |
|-----------|-----------|-------------|---------|------|-----------|--------|
| | Extracted | Extract Vol | | | | |
| EPH | 1000 ml | 1.00 ml | 2/19/05 | | K. Turner | 3510 |

| Surrogate | % Recovery | Target Range |
|-----------|------------|--------------|
| ----- | ----- | ----- |

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 05-A23309
Sample ID: MW2
Project:
Page 2

| Surrogate | % Recovery | Target Range |
|---------------------------|------------|--------------|
| ----- | ----- | ----- |
| TPH Hi Surr., o-Terphenyl | 112. | 55. - 133. |
| BTEX/GRO Surr., a,a,a-TFT | 104. | 69. - 132. |
| VOA Surr 1,2-DCA-d4 | 109. | 73. - 127. |
| VOA Surr Toluene-d8 | 103. | 79. - 113. |
| VOA Surr, 4-BFB | 110. | 79. - 125. |
| VOA Surr, DBFM | 102. | 75. - 134. |

LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

= Recovery outside Laboratory historical or method prescribed limits.

** = NELAC E87358 Certified Analyte

End of Sample Report.

ANALYTICAL REPORT

ETIC ENGINEERING 10236
BRYAN CAMPBELL
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Lab Number: 05-A23310
Sample ID: MW3
Sample Type: Water
Site ID: 04-334

Project:
Project Name: EXXONMOBIL 04-334
Sampler: WYNN PACULBA

Date Collected: 2/16/05
Time Collected: 15:00
Date Received: 2/18/05
Time Received: 7:50
Page: 1

Purchase Order: 4505802520

| Analyte | Result | Units | Report Limit | Dil Factor | Analysis Date | Analysis Time | Analysis Analyst | Method | Batch |
|------------------------|--------|-------|--------------|------------|---------------|---------------|------------------|------------|-------|
| *ORGANIC PARAMETERS* | | | | | | | | | |
| **Benzene | 66.2 | ug/l | 0.50 | 1.0 | 2/23/05 | 6:45 | I. Ahmed | 8021B | 279 |
| **Ethylbenzene | 61.1 | ug/l | 0.5 | 1.0 | 2/23/05 | 6:45 | I. Ahmed | 8021B | 279 |
| **Toluene | 1.4 | ug/l | 0.5 | 1.0 | 2/23/05 | 6:45 | I. Ahmed | 8021B | 279 |
| **Xylenes (Total) | 12.6 | ug/l | 0.5 | 1.0 | 2/23/05 | 6:45 | I. Ahmed | 8021B | 279 |
| **TPH (Gasoline Range) | 575. | ug/l | 50.0 | 1.0 | 2/23/05 | 6:45 | I. Ahmed | 8015B | 279 |
| **TPH (Diesel Range) | 269. | ug/l | 50. | 1.0 | 2/21/05 | 0:20 | B. Yanna | 8015B/3510 | 1532 |
| *VOLATILE ORGANICS* | | | | | | | | | |
| **Methyl-t-butyl ether | ND | ug/l | 0.50 | 1.0 | 2/22/05 | 0:13 | A. Steimle | 8260B | 3581 |

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

| Parameter | Wt/Vol | | Date | Time | Analyst | Method |
|-----------|-----------|-------------|---------|------|-----------|--------|
| | Extracted | Extract Vol | | | | |
| EPH | 1000 ml | 1.00 ml | 2/19/05 | | K. Turner | 3510 |

| Surrogate | % Recovery | Target Range |
|-----------|------------|--------------|
| ----- | ----- | ----- |

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 05-A23310
Sample ID: MW3
Project:
Page 2

| Surrogate | % Recovery | Target Range |
|---------------------------|------------|--------------|
| ----- | ----- | ----- |
| TPH Hi Surr., o-Terphenyl | 105. | 55. - 133. |
| BTEX/GRO Surr., a,a,a-TFT | 101. | 69. - 132. |
| VOA Surr 1,2-DCA-d4 | 109. | 73. - 127. |
| VOA Surr Toluene-d8 | 105. | 79. - 113. |
| VOA Surr, 4-BFB | 112. | 79. - 125. |
| VOA Surr, DBFM | 101. | 75. - 134. |

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
= Recovery outside Laboratory historical or method prescribed limits.
** = NELAC E87358 Certified Analyte

End of Sample Report.

ANALYTICAL REPORT

ETIC ENGINEERING 10236
BRYAN CAMPBELL
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Lab Number: 05-A23311
Sample ID: MW4
Sample Type: Water
Site ID: 04-334

Project:
Project Name: EXXONMOBIL 04-334
Sampler: WYNN PACULBA

Date Collected: 2/16/05
Time Collected: 12:55
Date Received: 2/18/05
Time Received: 7:50
Page: 1

Purchase Order: 4505802520

| Analyte | Result | Units | Report Limit | Dil Factor | Analysis Date | Analysis Time | Analysis Analyst | Method | Batch |
|------------------------|--------|-------|--------------|------------|---------------|---------------|------------------|------------|-------|
| *ORGANIC PARAMETERS* | | | | | | | | | |
| **Benzene | ND | ug/l | 0.50 | 1.0 | 2/23/05 | 6:59 | I. Ahmed | 8021B | 279 |
| **Ethylbenzene | ND | ug/l | 0.5 | 1.0 | 2/23/05 | 6:59 | I. Ahmed | 8021B | 279 |
| **Toluene | 1.1 | ug/l | 0.5 | 1.0 | 2/23/05 | 6:59 | I. Ahmed | 8021B | 279 |
| **Xylenes (Total) | 1.7 | ug/l | 0.5 | 1.0 | 2/23/05 | 6:59 | I. Ahmed | 8021B | 279 |
| **TPH (Gasoline Range) | ND | ug/l | 50.0 | 1.0 | 2/23/05 | 6:59 | I. Ahmed | 8015B | 279 |
| **TPH (Diesel Range) | ND | ug/l | 50. | 1.0 | 2/21/05 | 0:41 | B. Yanna | 8015B/3510 | 1532 |
| *VOLATILE ORGANICS* | | | | | | | | | |
| **Methyl-t-butyl ether | ND | ug/l | 0.50 | 1.0 | 2/22/05 | 0:36 | A. Steimle | 8260B | 3581 |

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

| Parameter | Wt/Vol | | Date | Time | Analyst | Method |
|-----------|-----------|-------------|---------|------|-----------|--------|
| | Extracted | Extract Vol | | | | |
| EPH | 1000 ml | 1.00 ml | 2/19/05 | | K. Turner | 3510 |

| Surrogate | % Recovery | Target Range |
|-----------|------------|--------------|
| ----- | ----- | ----- |

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 05-A23311
Sample ID: MW4
Project:
Page 2

| Surrogate | % Recovery | Target Range |
|---------------------------|------------|--------------|
| ----- | ----- | ----- |
| TPH Hi Surr., o-Terphenyl | 108. | 55. - 133. |
| BTEX/GRO Surr., a,a,a-TFT | 106. | 69. - 132. |
| VOA Surr 1,2-DCA-d4 | 109. | 73. - 127. |
| VOA Surr Toluene-d8 | 104. | 79. - 113. |
| VOA Surr, 4-BFB | 112. | 79. - 125. |
| VOA Surr, DEPM | 101. | 75. - 134. |

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
= Recovery outside Laboratory historical or method prescribed limits.
** = NELAC E87358 Certified Analyte

End of Sample Report.

PROJECT QUALITY CONTROL DATA

Project Number:
Project Name: **EXXONMOBIL 04-334**
Page: 1
Laboratory Receipt Date: **2/18/05**

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

| Analyte | units | Orig. Val. | MS Val | Spike Conc | Recovery | Target Range | Q.C. Batch | Spike Sample |
|---------------------------|------------|------------|--------|------------|----------|--------------|------------|--------------|
| **UST ANALYSIS** | | | | | | | | |
| Benzene | mg/l | < 0.00050 | 0.0453 | 0.0500 | 91 | 50. - 160. | 279 | 05-A23214 |
| Toluene | mg/l | < 0.0005 | 0.0411 | 0.0500 | 82 | 51. - 157. | 279 | 05-A23214 |
| Ethylbenzene | mg/l | < 0.0005 | 0.0401 | 0.0500 | 80 | 47. - 159. | 279 | 05-A23214 |
| Xylenes (Total) | mg/l | < 0.0005 | 0.0760 | 0.100 | 76 | 51. - 152. | 279 | 05-A23214 |
| TPH (Gasoline Range) | mg/l | < 0.0500 | 0.972 | 1.00 | 97 | 43. - 150. | 279 | 05-A23214 |
| TPH (Diesel Range) | mg/l | < 0.050 | 0.861 | 1.00 | 86 | 35. - 124. | 1532 | blank |
| BTEX/GRO Surr., a,a,a-TFT | % Recovery | | | | 106 | 69 - 132 | 279 | |
| VOA Surr 1,2-DCA-d4 | % Rec | | | | 101 | 73 - 127 | 3581 | |
| VOA Surr Toluene-d8 | % Rec | | | | 101 | 79 - 113 | 3581 | |
| VOA Surr, 4-BFB | % Rec | | | | 106 | 79 - 125 | 3581 | |
| VOA Surr, DBFM | % Rec | | | | 100 | 75 - 134 | 3581 | |

Matrix Spike Duplicate

| Analyte | units | Orig. Val. | Duplicate | RPD | Limit | Q.C. Batch |
|---------------------------|------------|------------|-----------|------|-------|------------|
| **UST PARAMETERS** | | | | | | |
| Benzene | mg/l | 0.0453 | 0.0463 | 2.18 | 30. | 279 |
| Toluene | mg/l | 0.0411 | 0.0430 | 4.52 | 37. | 279 |
| Ethylbenzene | mg/l | 0.0401 | 0.0424 | 5.58 | 38. | 279 |
| Xylenes (Total) | mg/l | 0.0760 | 0.0790 | 3.87 | 33. | 279 |
| TPH (Gasoline Range) | mg/l | 0.972 | 0.976 | 0.41 | 27. | 279 |
| BTEX/GRO Surr., a,a,a-TFT | % Recovery | | 104. | | | 279 |

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

Project Number:
Project Name: **EXXONMOBIL 04-334**
Page: 2
Laboratory Receipt Date: **2/18/05**

| | | | |
|---------------------|-------|------|------|
| VOA Surr 1,2-DCA-d4 | % Rec | 101. | 3581 |
| VOA Surr Toluene-d8 | % Rec | 102. | 3581 |
| VOA Surr, 4-BFB | % Rec | 106. | 3581 |
| VOA Surr, DBFM | % Rec | 100. | 3581 |

Laboratory Control Data

| Analyte | units | Known Val. | Analyzed Val | % Recovery | Target Range | Q.C. Batch |
|---------------------------|------------|------------|--------------|------------|--------------|------------|
| **UST PARAMETERS** | | | | | | |
| Benzene | mg/l | 0.100 | 0.0979 | 98 | 72 - 118 | 279 |
| Toluene | mg/l | 0.100 | 0.0932 | 93 | 72 - 119 | 279 |
| Ethylbenzene | mg/l | 0.100 | 0.0942 | 94 | 71 - 119 | 279 |
| Xylenes (Total) | mg/l | 0.200 | 0.179 | 90 | 70 - 117 | 279 |
| TPH (Gasoline Range) | mg/l | 1.00 | 0.972 | 97 | 64 - 130 | 279 |
| BTEX/GRO Surr., a,a,a-TFT | % Recovery | | | 108 | 69 - 132 | 279 |
| **UST PARAMETERS** | | | | | | |
| TPH (Diesel Range) | mg/l | 1.00 | 0.815 | 82 | 41 - 120 | 1532 |
| **VOA PARAMETERS** | | | | | | |
| Methyl-t-butyl ether | mg/l | 0.0500 | 0.0523 | 105 | 69 - 136 | 3581 |
| VOA Surr 1,2-DCA-d4 | % Rec | | | 100 | 73 - 127 | 3581 |
| VOA Surr Toluene-d8 | % Rec | | | 102 | 79 - 113 | 3581 |
| VOA Surr, 4-BFB | % Rec | | | 105 | 79 - 125 | 3581 |
| VOA Surr, DBFM | % Rec | | | 100 | 75 - 134 | 3581 |

Duplicates

| Analyte | units | Orig. Val. | Duplicate | RPD | Limit | Q.C. Batch | Sample Dup'd |
|---------|-------|------------|-----------|-----|-------|------------|--------------|
|---------|-------|------------|-----------|-----|-------|------------|--------------|

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

Project Number:
Project Name: **EXXONMOBIL 04-334**
Page: 3
Laboratory Receipt Date: 2/18/05

Blank Data

| Analyte | Blank Value | Units | Q.C. Batch | Date Analyzed | Time Analyzed |
|---------------------------|-------------|------------|------------|---------------|---------------|
| **UST PARAMETERS** | | | | | |
| Benzene | < 0.00050 | mg/l | 279 | 2/23/05 | 5:00 |
| Benzene | < 0.00050 | mg/l | 279 | 2/23/05 | 5:15 |
| Toluene | < 0.0005 | mg/l | 279 | 2/23/05 | 5:00 |
| Toluene | < 0.0005 | mg/l | 279 | 2/23/05 | 5:15 |
| Ethylbenzene | < 0.0005 | mg/l | 279 | 2/23/05 | 5:00 |
| Ethylbenzene | < 0.0005 | mg/l | 279 | 2/23/05 | 5:15 |
| Xylenes (Total) | < 0.0005 | mg/l | 279 | 2/23/05 | 5:00 |
| Xylenes (Total) | < 0.0005 | mg/l | 279 | 2/23/05 | 5:15 |
| TPH (Gasoline Range) | < 0.0500 | mg/l | 279 | 2/23/05 | 5:00 |
| TPH (Gasoline Range) | < 0.0500 | mg/l | 279 | 2/23/05 | 5:15 |
| TPH (Diesel Range) | < 0.050 | mg/l | 1532 | 2/22/05 | 12:55 |
| BTEX/GRO Surr., a,a,a-TFT | 106. | % Recovery | 279 | 2/23/05 | 5:00 |
| BTEX/GRO Surr., a,a,a-TFT | 102. | % Recovery | 279 | 2/23/05 | 5:15 |
| **VOA PARAMETERS** | | | | | |
| Methyl-t-butyl ether | < 0.00023 | mg/l | 3581 | 2/21/05 | 21:53 |
| VOA Surr 1,2-DCA-d4 | 107. | % Rec | 3581 | 2/21/05 | 21:53 |
| VOA Surr Toluene-d8 | 103. | % Rec | 3581 | 2/21/05 | 21:53 |
| VOA Surr, 4-BFB | 111. | % Rec | 3581 | 2/21/05 | 21:53 |
| VOA Surr, DBFM | 101. | % Rec | 3581 | 2/21/05 | 21:53 |

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 406804

406804

Consultant Name: ETIC ENGINEERING

Report To: BRYAN CAMPBELL *Bc*

Address: 2285 MORELLO AVENUE

Invoice To: JENNIFER SEDLACHEK (EXXONMOBIL TM)

City/State/Zip: PLEASANT HILL, CA 94523

Account #: 10236

ExxonMobil Project Mgr: BRYAN CAMPBELL

PO #: 4505802520

Telephone Number: (925) 602-4710 EXT. 24

Fax No.: (925) 602-4720

Facility ID #: 04-334

Sampler Name: (Print) WANN FACULDA

Site Address 2492 CASTRO VALLEY BOULEVARD

Sampler Signature: *[Signature]*

City, State Zip CASTRO VALLEY, CA

| Sample ID / Description | Date Sampled | Time Sampled | No. of Containers Shipped | Grab | Composite | Field Filtered | Preservative | | | | | | | Matrix | | | | | Analyze For: | | | | RUSH TAT (Pre-Schedule) | TAT request (in Bus. Days) | STD TAT | Fax Results | | | | | | | |
|-------------------------|--------------|--------------|---------------------------|------|-----------|----------------|--------------|------------------------------|------------------|---------------------|---|---|--------------------|-----------------|-------------|------------|----------------|--------|--------------|------------------|----------------|-----------------------|-------------------------|----------------------------|---------|-------------|---------------|---------------|--|---|--|--|--|
| | | | | | | | Ice | HNO ₃ (Red Label) | HCl (Blue Label) | NaOH (Orange Label) | H ₂ SO ₄ Plastic (Yellow Label) | H ₂ SO ₄ Glass (Yellow Label) | None (Black Label) | Other (Specify) | Groundwater | Wastewater | Drinking Water | Sludge | Soil | Other (specify): | TPH-G BY 8015B | TPH-D BY 8015B/3510 * | | | | | BTEX BY 8012B | MTBE BY 8280B | | | | | |
| MW1 | 2/16 | 13:50 | 8 | | | | X | X | | | | | | X | | | | X | X | X | X | | | | | 23 | 30 | 8 | | X | | | |
| MW2 | | 14:25 | 8 | | | | X | X | | | | | | X | | | | X | X | X | X | | | | | 23 | 30 | 9 | | X | | | |
| MW3 | | 15:00 | 8 | | | | X | X | | | | | | X | | | | X | X | X | X | | | | | 23 | 31 | 0 | | X | | | |
| MW4 | | 12:55 | 8 | | | | X | X | | | | | | X | | | | X | X | X | X | | | | | 23 | 31 | 1 | | X | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Special Instructions: **GLOBAL ID# T0600101278** **EDF FILE REQUIRED**
 * USE SILICAGEL CLEANUP FOR TPH-D ANALYSIS.

Laboratory Comments:
 Temperature Upon Receipt: *0.2°C*
 Sample Containers Intact? N
 VOCs Free of Headspace? N

| | | | | | |
|-------------------------------------|---------|-------|--------------------------|---------|------|
| Relinquished by: <i>[Signature]</i> | Date | Time | Received by: | Date | Time |
| | 2/16/05 | 19:30 | | | |
| Relinquished by: | Date | Time | Received by TestAmerica: | Date | Time |
| | | | <i>[Signature]</i> | 2/18/05 | 2:50 |

Nashville Division

COOLER RECEIPT FORM

BC#



Client Name : ETIC Engineering

Cooler Received/Opened On: 2/18/05 Accessioned By: James D. Jacobs

[Signature]
Log-in Personnel Signature

1. Temperature of Cooler when triaged: 0.2 Degrees Celsius
2. Were custody seals on outside of cooler?..... YES...NO...NA
a. If yes, how many and where: 1 Foot
3. Were custody seals on containers?..... NO...YES...NA
4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA
5. Were custody papers inside cooler?..... YES...NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA
7. Did you sign the custody papers in the appropriate place?..... YES...NO...NA
8. What kind of packing material used? Bubblewrap Peanuts Vermiculite Other None
9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA
12. Did all container labels and tags agree with custody papers?..... YES...NO...NA
13. Were correct containers used for the analysis requested?..... YES...NO...NA
14. a. Were VOA vials received?..... YES...NO...NA
b. Was there any observable head space present in any VOA vial?..... NO...YES...NA
15. Was sufficient amount of sample sent in each container?..... YES...NO...NA
16. Were correct preservatives used?..... YES...NO...NA

If not, record standard ID of preservative used here _____

17. Was residual chlorine present?..... NO...YES...NA
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

5708

Fed-Ex

UPS

Velocity

DHL

Route

Off-street

Misc.

19. If a Non-Conformance exists, see attached or comments below: