Jennifer C. Sedlachek
Project Manager

4096 Piedmont Avenue #194
Oakland, CA 94611
510 547 8196
510 547 8706 FAX
jennifer c sedlachek@exxonmobil.com

ExxonMobil
Refining & Supply

April 19, 2007

Mr. Steven Plunkett
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. Plunkett:

Attached for your review and comment is a copy of the *Report of Groundwater Monitoring, First Quarter 2007* for the above-referenced site. The report, prepared by ETIC Engineering, Inc. of Pleasant Hill, California, details the results of the February 2007 sampling event.

Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached report is true and correct.

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

Sincerely,

Jennifer C. Sedlachek
Project Manager

Attachment: ETIC Groundwater Monitoring Report dated April 2007

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

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

ETIC ENGINEERING

Report of Groundwater Monitoring
First Quarter 2007

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

Prepared for

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

Prepared by

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

4/16/07

Yuko Mamiya
Staff Geologist
Date

PROFESSIONAL GEOLOGIST
KRISTOPHER ERIK APPEL
No. 8092
STATE OF CALIFORNIA

4/16/07

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

April 2007

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:	K. Erik Appel
Regulatory Oversight:	Steven Plunkett 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 6 November 2006, the date of the last monitoring event, through 21 February 2007, 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:	21 February 2007
Wells gauged and sampled:	MW1-MW4
Wells gauged only:	None
Groundwater flow direction:	East-northeast
Groundwater gradient:	0.0065
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

A Subsurface Investigation Work Plan dated March 2007 was submitted to the Alameda County Health Care Services Agency.

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

Figures

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<0.50
TPH-g	<50.0
TPH-d	<46.9
MTBE (8260)	2.42

Benzene	35.1
Toluene	<0.50
Ethylbenzene	45.4
Xylenes	1.09
TPH-g	483
TPH-d	125
MTBE (8260)	<0.500

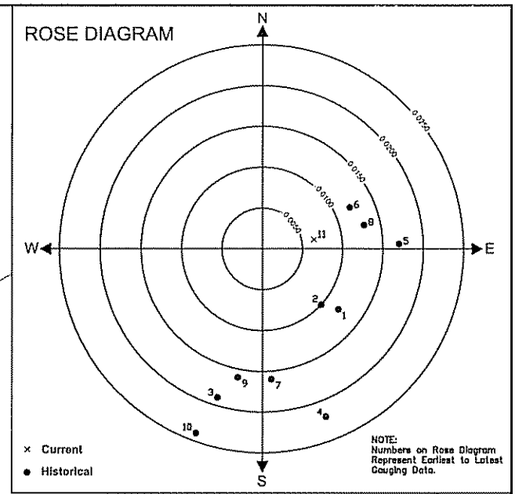
Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<0.50
TPH-g	<50.0
TPH-d	<46.9
MTBE (8260)	1.70

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<0.50
TPH-g	<50.0
TPH-d	<46.9
MTBE (8260)	<0.500

Trash Enclosure
Existing Jiffy Lube Building
Former Used-Oil UST
Former Mobil Station Building
Former USTs
Former Pump Islands
Current and Former USTs
Canopy and Pump Islands
76 Station (Former Thrifty Oil Station)
STANTON AVENUE
CASTRO VALLEY BOULEVARD
NORTHRIDGE AVENUE
Parking Lot
Castro Valley Lumber Company

AB1 AB2 AB3 AB4 AB5
SB1 SB2 SB3 SB4 SB5 SB6 SB7
RS8 RS9 RS10
RE1 RE2 RE3 RE4 RE5 RE6 RE7
PW1 PW2
MW1 (166.04)*
MW2 (167.27)
MW3 (166.97)
MW4 (164.92)

ROSE DIAGRAM



GW Groundwater Flow Direction
Gradient = 0.0065

LEGEND:

- Groundwater Monitoring Well
- Former Thrifty Oil Station Groundwater Monitoring Well
- Soil Boring
- (167.27) Groundwater Elevation (feet)
- TPH-g Total Petroleum Hydrocarbons as gasoline
- TPH-d Total Petroleum Hydrocarbons as diesel
- MTBE Methyl Tertiary Butyl Ether
- * Not Used for the Calculation of the Groundwater Flow Direction or Gradient

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

N

0 15 30
Scale (feet)

ETIC ENGINEERING

SITE PLAN SHOWING GROUNDWATER ELEVATIONS AND ANALYTICAL RESULTS
FORMER MOBIL STATION 04-334
2492 CASTRO VALLEY BOULEVARD, CASTRO VALLEY, CALIFORNIA
21 FEBRUARY 2007

FIGURE: 1

FILENAME: 1Q2007.DWG 03/22/2007

Tables

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 Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE
MW1	a	08/13/04	173.23	7.32	165.91	<0.5	0.7	<0.5	1.0	<50	71	1.20 [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	<0.5	1.0	<0.5	1.5	<50	78	1.30 [b]
MW1		05/16/05	173.23	5.81	167.42	<0.5	<0.5	<0.5	<0.5	<50	<50	1.40 [b]
MW1		08/17/05	173.23	6.70	166.53	<0.5	<0.5	<0.5	<0.5	<50	<50	1.19 [b]
MW1		11/15/05	173.23	7.55	165.68	<0.5	<0.5	<0.5	<0.5	<50	<50	1.13 [b]
MW1		02/06/06	173.23	6.40	166.83	<0.5	<0.5	<0.5	<0.5	<50	160	<0.5 [b]
MW1		05/03/06	173.23	6.95	166.28	<1.00	<1.00	<1.00	<3.00	<50.0	78	<0.50 [b]
MW1		08/04/06	173.23	7.71	165.52	<0.50	<0.50	<0.50	<0.50	<50.0	167	<0.500 [b]
MW1		11/06/06	173.23	7.57	165.66	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	0.880 [b]
MW1		**02/21/07**	**173.23**	**7.19**	**166.04**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<50.0**	**<46.9**	**2.42** [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	<0.5	0.9	<0.5	1.4	<50	55	<0.5 [b]
MW2		05/16/05	173.63	5.86	167.77	<0.5	<0.5	<0.5	<0.5	<50	<50	<0.5 [b]
MW2		08/17/05	173.63	5.72	167.91	<0.5	<0.5	<0.5	<0.5	<50	<50	<0.5 [b]
MW2		11/15/05	173.63	7.65	165.98	<0.5	<0.5	<0.5	<0.5	<50	<50	<0.5 [b]
MW2		02/06/06	173.63	6.24	167.39	<0.5	<0.5	<0.5	<0.5	<50	<50	<0.5 [b]
MW2		05/03/06	173.63	6.53	167.10	<1.00	<1.00	<1.00	<3.00	<50.0	<50	<0.50[b]
MW2		08/04/06	173.63	7.65	165.98	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	<0.500[b]
MW2		11/06/06	173.63	6.98	166.65	<0.50	<0.50	<0.50	<0.50	<50.0	<46.9	<0.500[b]
MW2		**02/21/07**	**173.63**	**6.36**	**167.27**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<50.0**	**<46.9**	**1.70**[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	<0.5 [b]
MW3		05/16/05	171.91	3.86	168.05	74.2	1.4	61.0	9.0	592	92	<0.5 [b]

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

Well ID		Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE
MW3		08/17/05	171.91	4.75	167.16	231[c]	2.35	102	11.4	1,130	416	<0.5[b]
MW3		11/15/05	171.91	6.56	165.35	57.4	0.95	62.4	10.5	452	193	<0.5[b]
MW3		02/06/06	171.91	4.00	167.91	69	<5.0	64	10	830	165	<0.5[b]
MW3		05/03/06	171.91	5.44	166.47	52.1	<1.00	37.0	4.81	605	140	<0.50[b]
MW3		08/04/06	171.91	5.25	166.66	15.2	<0.50	5.34	1.25	262	108	<0.500[b]
MW3		11/06/06	171.91	4.11	167.80	60.0	1.04	47.3	3.09	561	106	<0.500[b]
MW3		**02/21/07**	**171.91**	**4.94**	**166.97**	**35.1**	**<0.50**	**45.4**	**1.09**	**483**	**125**	**<0.500[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	<0.5	1.1	<0.5	1.7	<50	<50	<0.5[b]
MW4		05/16/05	170.48	5.44	165.04	<0.5	<0.5	<0.5	<0.5	<50	<50	<0.5[b]
MW4		08/17/05	170.48	5.71	164.77	<0.5	<0.5	<0.5	<0.5	<50	<50	1.03[b]
MW4		11/15/05	170.48	5.80	164.68	<0.5	<0.5	<0.5	<0.5	<50	<50	0.730[b]
MW4		02/06/06	170.48	5.10	165.38	<0.5	<0.5	<0.5	<0.5	<50	85.2	<0.5[b]
MW4		05/03/06	170.48	5.54	164.94	<1.00	<1.00	<1.00	<3.00	<50.0	<47	<0.50[b]
MW4		08/04/06	170.48	5.75	164.73	<0.50	<0.50	<0.50	<0.50	<50.0	52.7	<0.500[b]
MW4		11/06/06	170.48	5.95	164.53	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	<0.500[b]
MW4		**02/21/07**	**170.48**	**5.56**	**164.92**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<50.0**	**<46.9**	**<0.500[b]**

a Top-of-casing elevation surveyed by Morrow Surveying on 12 July 2004.
b Analyzed by EPA Method 8260.
c Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.

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

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L)						
					Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE

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

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

ETIC ENGINEERING

MONITORING WELL DATA FORM

Client: *Exxon*

Date: 02-21-07

Project Number: UP04-334

Station Number: 04-334

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

Samplers: BALJINDER SINGH

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	7.19					19.71	**2"**
MW2	6.36					20.20	**2"**
MW3	4.94					19.97	**2"**
MW4	5.56					14.20	**2"**

ETIC ENGINEERING
Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 04-334 Well No: MW1 Date: 02-21-07

Project No: UP04-334.1 Personnel: BINDER

GAUGING DATA

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

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
							1	2	4	6			
	19.31	-	7.19	=	12.52	X	0.04	0.16	0.64	1.44	2.00	=	6.0

PURGING DATA

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

Time	0856	0858	0901			
Volume Purge (gal)	2.00	4.00	6.00			
Temperature (C)	15.2	18.0	17.4			
pH	7.89	7.29	7.32			
Spec.Cond.(umhos)	657	678	669			
Turbidity/Color	SLGHY CLAY	SLTY CLAY	SLGHY CLAY			
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: 8. (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW1	6	VOA	HCL	40ML		SEE COC
MW1	2	AMBER	HCL	1L		SEE COC

Total Purge Volume: 6. (gallons) Disposal: SYSTEM

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
CAP & LOCK	(Y) / N
GROUT	(Y) / N
WELL BOX.	(Y) / N
SECURED	(Y) / N

ETIC ENGINEERING

Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 04-334 | Well No: MW2 | Date: 12-21-07

Project No: UP04-334.1 | Personnel: BINDER

GAUGING DATA

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

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	20.20	−	6.36	=	13.84	X	1	(2)	4	6	2.21	=	6.63
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: (WATERRA) / BAILER / SUB | Purge Rate: GPM

Time	07:35	07:37	07:40			
Volume Purge (gal)	2.15	5.00	7.15			
Temperature (°C)	11.2	17.7	18.3			
pH	7.60	7.24	7.15			
Spec.Cond.(umhos)	687	650	692			
Turbidity/Color	SLGHT TURB	SLGHT CLEAR	SLGHT CLEAR			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	Y	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 07:45 | Approximate Depth to Water During Sampling: 7 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW2	6	VOA	HCL	40ML		SEE COC
MW2	2	AMBER	HCL	1L		SEE COC

Total Purge Volume: 7.15 (gallons) | Disposal: SYSTEM

Weather Conditions: OK

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

Well Head Conditions Requiring Correction: None

Problems Encountered During Purging and Sampling: None

Comments:

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

ETIC ENGINEERING
Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 04-334 | Well No: MW3 | Date: 12-21-04

Project No: UP04-334 1 | Personnel: RAIDER

GAUGING DATA

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

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	19.97	−	4.94	=	15.03	X	1	(2)	4	6	2.40	=	7.21
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: (WATERRA) / BAILER / SUB | Purge Rate: GPM

Time	0811	0814	0813			
Volume Purge (gal)	3.50	5.00	7.50			
Temperature (C)	15.0	15.8	16.7			
pH	7.21	7.07	7.02			
Spec.Cond.(umhos)	673	634	697			
Turbidity/Color	SLIGHTLY / BLACK	SLIGHTLY / GRAY	SLIGHTLY / GRAY			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 0815 | Approximate Depth to Water During Sampling: 5 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW3	6	VOA	HCL	40ML		SEE COC
MW3	2	AMBER	HCL	1L		SEE COC

Total Purge Volume: 7.5 (gallons) | Disposal: SYSTEM

Weather Conditions: OK

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

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging and Sampling: NONE

Comments:

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

ETIC ENGINEERING

Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 04-334 | Well No: MW4 | Date: 01-21-04

Project No: UP04-334.1 | Personnel: BINDER

GAUGING DATA

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

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	14.20	−	5.56	=	8.64	X	1	(2)	4	6	1.38	=	4.14
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: (WATERRA) / BAILER / SUB | Purge Rate: GPM

Time	10:40	10:44	10:48			
Volume Purge (gal)	1.5	3.0	4.5			
Temperature (C)	17.5	16.5	16.5			
pH	7.76	7.47	7.40			
Spec.Cond.(umhos)	547	539	570			
Turbidity/Color	SLTY GRAY	SLTY GRAY	SLTY GRAY			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 10:55 | Approximate Depth to Water During Sampling: 6 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW4	6	VOA	HCL	40ML		SEE COC
MW4	2	AMBER	HCL	1L		SEE COC

Total Purge Volume: 4.5 (gallons) | Disposal: SYSTEM

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
CAP & LOCK	(Y) / N
GROUT	(Y) / N
WELL BOX.	(Y) / N
SECURED	(Y) / N

Appendix C

Laboratory Analytical Reports

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

February 28, 2007 6:19:28PM

Client: ETIC Engineering Pleasant Hill (10236)
2285 Morello Avenue
Pleasant Hill, CA 94523
Attn: Erik Appel

Work Order: NQB2504
Project Name: Exxon 04-334
Project Nbr: 04-334
P/O Nbr: 4508105068
Date Received: 02/23/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW1	NQB2504-01	02/21/07 09:05
MW2	NQB2504-02	02/21/07 07:45
MW3	NQB2504-03	02/21/07 08:25
MW4	NQB2504-04	02/21/07 10:55

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. 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 accredidation.

California Certification Number: 01168CA

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

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

Estimated uncertainity is available upon request

This report has been electronically signed

Report Approved By:

Jim Hatfield

Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQB2504
	2285 Morello Avenue	Project Name:	Exxon 04-334
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erik Appel	Received:	02/23/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQB2504-01 (MW1 - Ground Water) Sampled: 02/21/07 09:05								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	0 50	1	02/27/07 17:19	SW846 8021B	7024757
Ethylbenzene	ND		ug/L	0 50	1	02/27/07 17:19	SW846 8021B	7024757
Toluene	ND		ug/L	0 50	1	02/27/07 17:19	SW846 8021B	7024757
Xylenes, total	ND		ug/L	0 50	1	02/27/07 17:19	SW846 8021B	7024757
Surr: a,a,a-Trifluorotoluene (57-145%)	*121 %*					*02/27/07 17:19*	*SW846 8021B*	*7024757*
Selected Volatile Organic Compounds by EPA Method 8260B								
Methyl tert-Butyl Ether	2.42		ug/L	0 500	1	02/25/07 08:45	SW846 8260B	7024212
Surr: 1,2-Dichloroethane-d4 (62-142%)	*103 %*					*02/25/07 08:45*	*SW846 8260B*	*7024212*
Surr: Dibromofluoromethane (78-123%)	*100 %*					*02/25/07 08:45*	*SW846 8260B*	*7024212*
Surr: Toluene-d8 (79-120%)	*95 %*					*02/25/07 08:45*	*SW846 8260B*	*7024212*
Surr: 4-Bromofluorobenzene (75-133%)	*114 %*					*02/25/07 08:45*	*SW846 8260B*	*7024212*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50 0	1	02/27/07 17:19	SW846 8015B	7024757
Surr: a,a,a-Trifluorotoluene (63-134%)	*121 %*					*02/27/07 17:19*	*SW846 8015B*	*7024757*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		ug/L	46 9	1	02/25/07 07:41	SW846 8015B	7024275
Surr: o-Terphenyl (33-147%)	*86 %*					*02/25/07 07:41*	*SW846 8015B*	*7024275*
Sample ID: NQB2504-02 (MW2 - Ground Water) Sampled: 02/21/07 07:45								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	0 50	1	02/27/07 17:44	SW846 8021B	7024757
Ethylbenzene	ND		ug/L	0 50	1	02/27/07 17:44	SW846 8021B	7024757
Toluene	ND		ug/L	0 50	1	02/27/07 17:44	SW846 8021B	7024757
Xylenes, total	ND		ug/L	0 50	1	02/27/07 17:44	SW846 8021B	7024757
Surr: a,a,a-Trifluorotoluene (57-145%)	*121 %*					*02/27/07 17:44*	*SW846 8021B*	*7024757*
Selected Volatile Organic Compounds by EPA Method 8260B								
Methyl tert-Butyl Ether	1.70		ug/L	0 500	1	02/25/07 09:11	SW846 8260B	7024212
Surr: 1,2-Dichloroethane-d4 (62-142%)	*102 %*					*02/25/07 09:11*	*SW846 8260B*	*7024212*
Surr: Dibromofluoromethane (78-123%)	*102 %*					*02/25/07 09:11*	*SW846 8260B*	*7024212*
Surr: Toluene-d8 (79-120%)	*97 %*					*02/25/07 09:11*	*SW846 8260B*	*7024212*
Surr: 4-Bromofluorobenzene (75-133%)	*113 %*					*02/25/07 09:11*	*SW846 8260B*	*7024212*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50 0	1	02/27/07 17:44	SW846 8015B	7024757
Surr: a,a,a-Trifluorotoluene (63-134%)	*121 %*					*02/27/07 17:44*	*SW846 8015B*	*7024757*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		ug/L	46 9	1	02/25/07 07:59	SW846 8015B	7024275
Surr: o-Terphenyl (33-147%)	*90 %*					*02/25/07 07:59*	*SW846 8015B*	*7024275*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQB2504
	2285 Morello Avenue	Project Name:	Exxon 04-334
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erik Appel	Received:	02/23/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQB2504-03 (MW3 - Ground Water) Sampled: 02/21/07 08:25								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**35.1**		ug/L	0.50	1	02/27/07 18:10	SW846 8021B	7024757
Ethylbenzene	**45.4**		ug/L	0.50	1	02/27/07 18:10	SW846 8021B	7024757
Toluene	ND		ug/L	0.50	1	02/27/07 18:10	SW846 8021B	7024757
Xylenes, total	**1.09**		ug/L	0.50	1	02/27/07 18:10	SW846 8021B	7024757
Surr: a,a,a-Trifluorotoluene (57-145%)	*107 %*					*02/27/07 18:10*	*SW846 8021B*	*7024757*
Selected Volatile Organic Compounds by EPA Method 8260B								
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	02/25/07 09:38	SW846 8260B	7024212
Surr: 1,2-Dichloroethane-d4 (62-142%)	*105 %*					*02/25/07 09:38*	*SW846 8260B*	*7024212*
Surr: Dibromofluoromethane (78-123%)	*104 %*					*02/25/07 09:38*	*SW846 8260B*	*7024212*
Surr: Toluene-d8 (79-120%)	*96 %*					*02/25/07 09:38*	*SW846 8260B*	*7024212*
Surr: 4-Bromofluorobenzene (75-133%)	*113 %*					*02/25/07 09:38*	*SW846 8260B*	*7024212*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**483**		ug/L	50.0	1	02/27/07 18:10	SW846 8015B	7024757
Surr: a,a,a-Trifluorotoluene (63-134%)	*107 %*					*02/27/07 18:10*	*SW846 8015B*	*7024757*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**125**		ug/L	46.9	1	02/25/07 08:17	SW846 8015B	7024275
Surr: o-Terphenyl (33-147%)	*95 %*					*02/25/07 08:17*	*SW846 8015B*	*7024275*
Sample ID: NQB2504-04 (MW4 - Ground Water) Sampled: 02/21/07 10:55								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	0.50	1	02/27/07 18:35	SW846 8021B	7024757
Ethylbenzene	ND		ug/L	0.50	1	02/27/07 18:35	SW846 8021B	7024757
Toluene	ND		ug/L	0.50	1	02/27/07 18:35	SW846 8021B	7024757
Xylenes, total	ND		ug/L	0.50	1	02/27/07 18:35	SW846 8021B	7024757
Surr: a,a,a-Trifluorotoluene (57-145%)	*119 %*					*02/27/07 18:35*	*SW846 8021B*	*7024757*
Selected Volatile Organic Compounds by EPA Method 8260B								
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	02/25/07 10:04	SW846 8260B	7024212
Surr: 1,2-Dichloroethane-d4 (62-142%)	*103 %*					*02/25/07 10:04*	*SW846 8260B*	*7024212*
Surr: Dibromofluoromethane (78-123%)	*100 %*					*02/25/07 10:04*	*SW846 8260B*	*7024212*
Surr: Toluene-d8 (79-120%)	*96 %*					*02/25/07 10:04*	*SW846 8260B*	*7024212*
Surr: 4-Bromofluorobenzene (75-133%)	*115 %*					*02/25/07 10:04*	*SW846 8260B*	*7024212*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	02/27/07 18:35	SW846 8015B	7024757
Surr: a,a,a-Trifluorotoluene (63-134%)	*119 %*					*02/27/07 18:35*	*SW846 8015B*	*7024757*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		ug/L	46.9	1	02/25/07 08:35	SW846 8015B	7024275
Surr: o-Terphenyl (33-147%)	*93 %*					*02/25/07 08:35*	*SW846 8015B*	*7024275*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQB2504
	2285 Morello Avenue	Project Name:	Exxon 04-334
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erik Appel	Received:	02/23/07 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons with Silica Gel Treatment							
SW846 8015B	7024275	NQB2504-01	1065.00	1.00	02/24/07 16:00	BJM	EPA 3510C
SW846 8015B	7024275	NQB2504-02	1065.00	1.00	02/24/07 16:00	BJM	EPA 3510C
SW846 8015B	7024275	NQB2504-03	1065.00	1.00	02/24/07 16:00	BJM	EPA 3510C
SW846 8015B	7024275	NQB2504-04	1065.00	1.00	02/24/07 16:00	BJM	EPA 3510C

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQB2504
	2285 Morello Avenue	Project Name:	Exxon 04-334
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erik Appel	Received:	02/23/07 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q C Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7024757-BLK1						
Benzene	<0 37		ug/L	7024757	7024757-BLK1	02/27/07 14:32
Ethylbenzene	<0 21		ug/L	7024757	7024757-BLK1	02/27/07 14:32
Toluene	<0 41		ug/L	7024757	7024757-BLK1	02/27/07 14:32
Xylenes, total	<0 44		ug/L	7024757	7024757-BLK1	02/27/07 14:32
Surrogate: a,a,a-Trifluorotoluene	120%			7024757	7024757-BLK1	02/27/07 14:32
7024757-BLK2						
Benzene	<0 37		ug/L	7024757	7024757-BLK2	02/27/07 20:41
Ethylbenzene	<0 21		ug/L	7024757	7024757-BLK2	02/27/07 20:41
Toluene	<0 41		ug/L	7024757	7024757-BLK2	02/27/07 20:41
Xylenes, total	<0 44		ug/L	7024757	7024757-BLK2	02/27/07 20:41
Surrogate: a,a,a-Trifluorotoluene	113%			7024757	7024757-BLK2	02/27/07 20:41
Selected Volatile Organic Compounds by EPA Method 8260B						
7024212-BLK1						
Methyl tert-Butyl Ether	<0 190		ug/L	7024212	7024212-BLK1	02/25/07 01:42
Surrogate: 1,2-Dichloroethane-d4	103%			7024212	7024212-BLK1	02/25/07 01:42
Surrogate: Dibromofluoromethane	101%			7024212	7024212-BLK1	02/25/07 01:42
Surrogate: Toluene-d8	96%			7024212	7024212-BLK1	02/25/07 01:42
Surrogate: 4-Bromofluorobenzene	112%			7024212	7024212-BLK1	02/25/07 01:42
Purgeable Petroleum Hydrocarbons						
7024757-BLK1						
GRO as Gasoline	<33 0		ug/L	7024757	7024757-BLK1	02/27/07 14:32
Surrogate: a,a,a-Trifluorotoluene	120%			7024757	7024757-BLK1	02/27/07 14:32
7024757-BLK2						
GRO as Gasoline	<33 0		ug/L	7024757	7024757-BLK2	02/27/07 20:41
Surrogate: a,a,a-Trifluorotoluene	113%			7024757	7024757-BLK2	02/27/07 20:41
Extractable Petroleum Hydrocarbons with Silica Gel Treatment						
7024275-BLK1						
Diesel	<37 0		ug/L	7024275	7024275-BLK1	02/25/07 07:05
Surrogate: o-Terphenyl	91%			7024275	7024275-BLK1	02/25/07 07:05

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQB2504
	2285 Morello Avenue	Project Name:	Exxon 04-334
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erik Appel	Received:	02/23/07 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val	Analyzed Val	Q	Units	% Rec	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B								
7024757-BS1								
Benzene	100	114		ug/L	114%	72 - 132	7024757	02/28/07 02:08
Ethylbenzene	100	107		ug/L	107%	75 - 119	7024757	02/28/07 02:08
Toluene	100	108		ug/L	108%	71 - 121	7024757	02/28/07 02:08
Xylenes, total	200	212		ug/L	106%	73 - 122	7024757	02/28/07 02:08
Surrogate: a,a,a-Trifluorotoluene	30.0	38.5			128%	57 - 145	7024757	02/28/07 02:08
Selected Volatile Organic Compounds by EPA Method 8260B								
7024212-BS1								
Methyl tert-Butyl Ether	50.0	49.4		ug/kg	99%	66 - 129	7024212	02/25/07 00:23
Surrogate: 1,2-Dichloroethane-d4	50.0	53.4			107%	62 - 142	7024212	02/25/07 00:23
Surrogate: Dibromofluoromethane	50.0	51.2			102%	78 - 123	7024212	02/25/07 00:23
Surrogate: Toluene-d8	50.0	48.3			97%	79 - 120	7024212	02/25/07 00:23
Surrogate: 4-Bromofluorobenzene	50.0	58.4			117%	75 - 133	7024212	02/25/07 00:23
Purgeable Petroleum Hydrocarbons								
7024757-BS2								
GRO as Gasoline	1000	1200		ug/L	120%	64 - 130	7024757	02/28/07 07:46
Surrogate: a,a,a-Trifluorotoluene	30.0	31.1			104%	63 - 134	7024757	02/28/07 07:46
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
7024275-BS1								
Diesel	1000	711		ug/L	71%	38 - 123	7024275	02/25/07 07:23
Surrogate: o-Terphenyl	20.0	19.2			96%	33 - 147	7024275	02/25/07 07:23

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQB2504
	2285 Morello Avenue	Project Name:	Exxon 04-334
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erik Appel	Received:	02/23/07 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig Val	MS Val	Q	Units	Spike Conc	% Rec	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B										
7024757-MS1										
Benzene	ND	56 8		ug/L	50 0	114%	72 - 133	7024757	NQB2504-01	02/28/07 09:47
Ethylbenzene	ND	56 7		ug/L	50 0	113%	75 - 137	7024757	NQB2504-01	02/28/07 09:47
Toluene	ND	59 4		ug/L	50 0	119%	71 - 127	7024757	NQB2504-01	02/28/07 09:47
Xylenes, total	ND	114		ug/L	100	114%	73 - 140	7024757	NQB2504-01	02/28/07 09:47
Surrogate a,a,a-Trifluorotoluene		36 2		ug/L	30 0	121%	57 - 145	7024757	NQB2504-01	02/28/07 09:47
Selected Volatile Organic Compounds by EPA Method 8260B										
7024212-MS1										
Methyl tert-Butyl Ether	1 70	52 6		ug/kg	50 0	102%	54 - 143	7024212	NQB2504-02	02/25/07 10:30
Surrogate 1,2-Dichloroethane-d4		52 7		ug/kg	50 0	105%	62 - 142	7024212	NQB2504-02	02/25/07 10:30
Surrogate Dibromofluoromethane		51 2		ug/kg	50 0	102%	78 - 123	7024212	NQB2504-02	02/25/07 10:30
Surrogate Toluene-d8		48 2		ug/kg	50 0	96%	79 - 120	7024212	NQB2504-02	02/25/07 10:30
Surrogate 4-Bromofluorobenzene		57 0		ug/kg	50 0	114%	75 - 133	7024212	NQB2504-02	02/25/07 10:30

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQB2504
	2285 Morello Avenue	Project Name:	Exxon 04-334
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erik Appel	Received:	02/23/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig Val	Duplicate	Q	Units	Spike Conc	% Rec	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B												
7024757-MSD1												
Benzene	ND	59 0		ug/L	50.0	118%	72 - 133	4	11	7024757	NQB2504-01	02/28/07 10:12
Ethylbenzene	ND	58 8		ug/L	50.0	118%	75 - 137	4	18	7024757	NQB2504-01	02/28/07 10:12
Toluene	ND	61 3		ug/L	50.0	123%	71 - 127	3	15	7024757	NQB2504-01	02/28/07 10:12
Xylenes, total	ND	119		ug/L	100	119%	73 - 140	4	14	7024757	NQB2504-01	02/28/07 10:12
Surrogate: a,a,a-Trifluorotoluene		35 6		ug/L	30.0	119%	57 - 145			7024757	NQB2504-01	02/28/07 10:12
Selected Volatile Organic Compounds by EPA Method 8260B												
7024212-MSD1												
Methyl tert-Butyl Ether	1 70	52 3		ug/kg	50.0	101%	54 - 143	0 6	27	7024212	NQB2504-02	02/25/07 10:57
Surrogate: 1,2-Dichloroethane-d4		51 8		ug/kg	50.0	104%	62 - 142			7024212	NQB2504-02	02/25/07 10:57
Surrogate: Dibromofluoromethane		52 1		ug/kg	50.0	104%	78 - 123			7024212	NQB2504-02	02/25/07 10:57
Surrogate: Toluene-d8		48 7		ug/kg	50.0	97%	79 - 120			7024212	NQB2504-02	02/25/07 10:57
Surrogate: 4-Bromofluorobenzene		56 7		ug/kg	50.0	113%	75 - 133			7024212	NQB2504-02	02/25/07 10:57

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQB2504
	2285 Morello Avenue	Project Name:	Exxon 04-334
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erik Appel	Received:	02/23/07 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California
SW846 8015B	Water	N/A	X	X
SW846 8021B	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville. TN 37204 * 800-765-0980 ' Fax 615-726-3404

Client	EHC Engineering Pleasant Hill (10236)	Work Order:	NQB2504
	2285 Morello Avenue	Project Name:	Exxon 04-334
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erik Appel	Received:	02/23/07 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte

TestAmerica
ANALYTICAL TESTING CORPORATION

NQB2504

Nashville Division

COOLER RECEIPT FORM **BC#**

Cooler Received/Opened On: February 23, 2007 @8:00

Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 0505

Fed-Ex

2. **Temperature of representative sample or temperature blank when opened:** 3.6 **Degrees Celsius (indicate IR Gun ID#)**

92171982

3. Were custody seals on outside of cooler? ..... YES...NO...NA

a. If yes, how many and where: 1 Front

4. Were the seals intact, signed, and dated correctly? ..... YES...NO...NA

5. Were custody papers inside cooler? ..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... _____

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly? ..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)? ..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)? ..... YES...NO...NA

11. Did all container labels and tags agree with custody papers? ..... YES...NO...NA

12. a. Were VOA vials received? ..... YES...NO...NA

b. Was there any observable head space present in any VOA vial? ..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... JR

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used ..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present? ..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... JR

15. Were custody papers properly filled out (ink, signed, etc)? ..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place? ..... YES...NO...NA

17. Were correct containers used for the analysis requested? ..... YES...NO...NA

18. Was sufficient amount of sample sent in each container? ..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... JR

I certify that I attached a label with the unique LIMS number to each container (intial)..... JR

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

BIS = Broken in shipment
Cooler Receipt Form

LF-1
End of Form

Revised 3/9/06

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM BC#

Cooler Received/Opened On 02/23/07 0800

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 7174

Fed-Ex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: 2.4 Degrees Celsius (indicate IR Gun ID#)

NA A00466 A00750 A01124 101282 Raynger ST 90943149

3. Were custody seals on outside of cooler? YES...NO...NA

a. If yes, how many and where: 2 Front

4. Were the seals intact, signed, and dated correctly? YES...NO...NA

5. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial) BC 2/23

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly? YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)? YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

11. Did all container labels and tags agree with custody papers? YES...NO...NA

12. a. Were VOA vials received? YES...NO...NA

b. Was there any observable head space present in any VOA vial? YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial) JR

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial) JR

15. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

16. Did you sign the custody papers in the appropriate place? YES...NO...NA

17. Were correct containers used for the analysis requested? YES...NO...NA

18. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial) JR

I certify that I attached a label with the unique LIMS number to each container (intial) JR

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

BIS = Broken in shipment

TestAmerica INCORPORATED

Morgan Hill Division
885 Jarvis Drive
Morgan Hill, CA 95037

Phone: 408-776-9600
Fax: 408-782-6308

ExxonMobil

Consultant Name: ETIC ENGINEERING
Address: 2285 MORELLO AVE.
City/State/Zip: PLEASANT HILL, CA. 94523
ExxonMobil Territory Mgr: JENNIFER SEDLACHEK
Consultant Project Mgr: ERK APPEL
Project #: UP04334.1
Consultant Telephone Number: 925-602-4710 EXT.21
Fax No.: 925-602-4720
Sampler Name: (Print) BALJINDER SINGH
Sampler Signature: Baljinder Singh

TA Account #: 10236
Invoice To: JENNIFER SEDLACHEK (XOMTM)
Report To: eliclabreports@eliceng.com
PO #: 4508105068
Facility ID # 04-334
Site Address 2492 CASTRO VALLEY BLVD
City, State, Zip CASTRO VALLEY, CA. 94546
Regulatory District (CA)

NQB2504
03/09/07 23:59

Sample ID / Description	Date Sampled	Time Sampled	No of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-G BY 8015B	TPH-D BY 8015B/3510 *	BTEX BY 8021B	MTBE BY 8260B							RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	STD TAT	Fax Results
MW1	2/21/07	09:07	8				X		X						X						X	X	X	X	NQB2504-1								X	
MW2	2/21/07	10:07	8				X		X						X						X	X	X	X						2			X	
MW3	2/21/07	08:15	8				X		X						X						X	X	X	X						3			X	
MW4	2/21/07	10:55	8				X		X						X						X	X	X	X						4			X	

Special Instructions:
*** USE SILICAGEL CLEANUP FOR TPH-D ANALYSIS.**

GLOBAL ID# T0600101278

EDF FILE REQUIRED

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? N
VOCs Free of Headspace? N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please a pre-schedule w/ TestAmerica
Project Manager or attach specifc instructions

Relinquished by:	Date	Time	Received by:	Date	Time
Baljinder Singh				2/21/07	1345
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	2/21/07	1715		2/21/07	1715

G:\Projects\04-334\Public\QM Pre-Field Folder\04334COCNEW

2/22/07 14:20 2/23/07 8:00 3.6C