Jennifer C. Sedlachek
Project Manager

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510.547.8196
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ExxonMobil
Refining & Supply

January 3, 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, Fourth Quarter 2006* for the above-referenced site. The report, prepared by ETIC Engineering, Inc. of Pleasant Hill, California, details the results of the November 2006 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 January 2007

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.

ETIC ENGINEERING

Report of Groundwater Monitoring
Fourth Quarter 2006

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

1/2/07

Yuko Mamiya
Staff Geologist

Date

1/2/07

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

Date

PROFESSIONAL GEOLOGIST
KRISTOPHER ERIK APPEL
No. 8092
STATE OF CALIFORNIA

January 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 4 August 2006, the date of the last monitoring event, through 6 November 2006, 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:	6 November 2006
Wells gauged and sampled:	MW1-MW4
Wells gauged only:	None
Groundwater flow direction:	South-southwest
Groundwater gradient:	0.024
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

No additional activities were performed.

WORK PROPOSED FOR NEXT QUARTER

A work plan for a subsurface investigation will be submitted under separate cover. 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

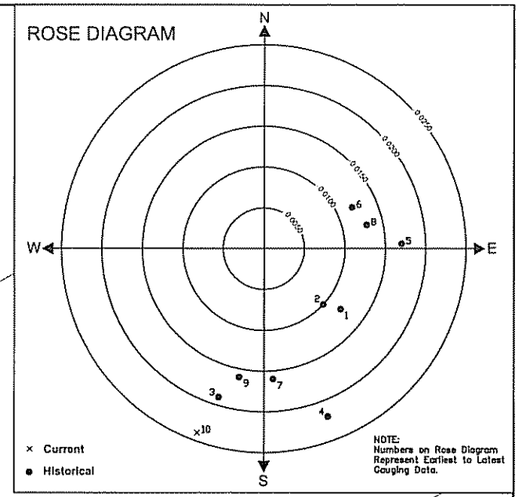
Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<0.50
TPH-g	<50.0
TPH-d	<47.2
MTBE (8260)	0.880

Benzene	60.0
Toluene	1.04
Ethylbenzene	47.3
Xylenes	3.09
TPH-g	561
TPH-d	106
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)	<0.500

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<0.50
TPH-g	<50.0
TPH-d	<47.2
MTBE (8260)	<0.500

ROSE DIAGRAM



Groundwater Flow Direction
Gradient = 0.024

LEGEND:

- Groundwater Monitoring Well
- Former Thrifty Oil Station Groundwater Monitoring Well
- Soil Boring
- (166.66) Groundwater Elevation (feet)
- TPH-g Total Petroleum Hydrocarbons as gasoline
- TPH-d Total Petroleum Hydrocarbons as diesel
- MTBE Methyl Tertiary Butyl Ether
- * Not Used in Contouring

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

0 15 30
Scale (feet)

SITE PLAN SHOWING GROUNDWATER ELEVATIONS AND ANALYTICAL RESULTS
FORMER MOBIL STATION 04-334
2492 CASTRO VALLEY BOULEVARD, CASTRO VALLEY, CALIFORNIA
6 NOVEMBER 2006

ETIC ENGINEERING

FIGURE: 1

FILENAME: 402006.DWG 12/05/2006

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, CALIFORNI

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]**
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]**
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]
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]

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

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		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]
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]

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.
mg/L Milligrams per liter

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: 11-06-06

Project Number: UP04-334

Station Number: 04-334

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

Samplers: ANMAS A

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 57					**19.89**	**2"**
MW2	6 98					**20.20**	**2"**
MW3	4 11					**19.93**	**2"**
MW4	5 95					**14.44**	**2"**

ETIC ENGINEERING
Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 04-334 Well No: MW1 Date: 11-06-06

Project No: UP04-334.1 Personnel: ANIAD A

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)
	19.89	(-)	7.57	(=)	12.32	(X)	1	(2)	4	6	1.97	(=)	5.91
							0.04	0.16	0.64	1.44			

PURGING DATA

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

Time	1327	1330	1333			
Volume Purge (gal)	2	4	6			
Temperature (C)	23.0	22.8	22.9			
pH	7.03	7.09	7.23			
Spec.Cond.(umhos)	690	698	694			
Turbidity/Color	CLEAR/N/C	CLEAR/N/C	CLEAR/N/C			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 1340 Approximate Depth to Water During Sampling: 8.0 (feet)

Comments:

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

Total Purge Volume: 6 (gallons) Disposal: SYSTEM

Weather Conditions:	C.K	BOLTS	(Y) / N
Condition of Well Box and Casing at Time of Sampling:	C.K	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

ETIC ENGINEERING
Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 04-334 | Well No: MW2 | Date: 11-06-06

Project No: UP04-334.1 | Personnel: AHMAD A

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	−	6.98	=	13.22	X	1	(2)	4	6	2.11	=	6.34
							0.04	0.16	0.64	1.44			

PURGING DATA

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

Time	1402	1405	1408			
Volume Purge (gal)	2.5	5.0	7.5			
Temperature (C)	22.9	23.0	23.1			
pH	6.97	6.98	7.09			
Spec.Cond.(umhos)	679	684	710			
Turbidity/Color	CLEAR N/C	CLEAR N/C	CLEAR N/C			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 1415 | Approximate Depth to Water During Sampling: 7.0 (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, MTBE
MW2	2	AMBERS	HCL	1L		TPH-D

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

Weather Conditions: o.k | BOLTS (Y) / N

Condition of Well Box and Casing at Time of Sampling: o.k | 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

ETIC ENGINEERING

Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 04-334 Well No: MW3 Date: 11-06-06

Project No: UP04-334.1 Personnel: AMAD-A

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)
	19.93	−	4.11	=	15.82	X	1	(2)	4	6	2.53	=	7.59
							0.04	0.16	0.64	1.44			

PURGING DATA

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

Time	1440	1443	1446			
Volume Purge (gal)	2.75	5.25	8			
Temperature (C)	22.7	21.9	21.7			
pH	6.87	6.91	6.95			
Spec.Cond.(umhos)	863	859	855			
Turbidity/Color	~~CLEAR~~ N/C	~~CLEAR~~ N/C	~~CLEAR~~ N/C			
Odor (Y/N)	Y	Y	Y			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 1450 Approximate Depth to Water During Sampling: 6.0 (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, MTBE
MW3	2	AMBERS	HCL	1L		TPH-D

Total Purge Volume: 8 (gallons) Disposal: SYSTEM

Weather Conditions: o.k

Condition of Well Box and Casing at Time of Sampling: o.k

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: MW 4 Date: 11-06-06

Project No: UP04-334.1 Personnel: AHMAD A

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 44	(-)	5 95	(=)	8 49	(X)	1	(2)	4	6	1.35	(=)	4 07
							0.04	0.16	0.64	1.44			

PURGING DATA

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

Time	15 21	15 23	1525			
Volume Purge (gal)	1.5	3.0	4.5			
Temperature (C)	22.1	21.6	21.4			
pH	7.13	7.11	7.14			
Spec.Cond.(umhos)	8.62	853	863			
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: 1530 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	40 ml		TPH-g, BTEX, MTBE
MW4	2	AMBERS	HCL	1L		TPH-D

Total Purge Volume: 4.5 (gallons) Disposal: SYSTEM

Weather Conditions:	e.K	BOLTS	(Y) / N
Condition of Well Box and Casing at Time of Sampling:	e.K	CAP & LOCK	(Y) / N
Well Head Conditions Requiring Correction:	No	GROUT	(Y) / N
Problems Encountered During Purging and Sampling:	NO	WELL BOX.	(Y) / N
Comments:		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

November 21, 2006

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

Work Order: NPK1342
Project Name: Exxon(06) 04-334 PO:4506876374
Project Nbr: 04-334
P/O Nbr: 4506876374
Date Received: 11/09/06

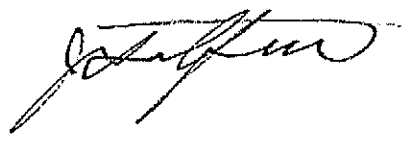
SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW1	NPK1342-01	11/06/06 13:40
MW2	NPK1342-02	11/06/06 14:15
MW3	NPK1342-03	11/06/06 14:50
MW4	NPK1342-04	11/06/06 15:30

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, 4 pages, are included and are an integral part of this report

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:	NPK1342
	2285 Morello Avenue	Project Name:	Exxon(06) 04-334 PO:4506876374
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erk Appel	Received:	11/09/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPK1342-01 (MW1 - Ground Water) Sampled: 11/06/06 13:40								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	0 50	1	11/13/06 16:37	SW846 8021B	6112463
Ethylbenzene	ND		ug/L	0 50	1	11/13/06 16:37	SW846 8021B	6112463
Toluene	ND		ug/L	0 50	1	11/13/06 16:37	SW846 8021B	6112463
Xylenes, total	ND		ug/L	0 50	1	11/13/06 16:37	SW846 8021B	6112463
Surr: a,a,a-Trifluorotoluene (57-145%)	*90 %*					*11/13/06 16:37*	*SW846 8021B*	*6112463*
Selected Volatile Organic Compounds by EPA Method 8260B								
Methyl tert-Butyl Ether	**0.880**		ug/L	0 500	1	11/14/06 14:07	SW846 8260B	6113026
Surr: 1,2-Dichloroethane-d4 (62-142%)	*88 %*					*11/14/06 14:07*	*SW846 8260B*	*6113026*
Surr: Dibromofluoromethane (78-123%)	*100 %*					*11/14/06 14:07*	*SW846 8260B*	*6113026*
Surr: Toluene-d8 (79-120%)	*93 %*					*11/14/06 14:07*	*SW846 8260B*	*6113026*
Surr: 4-Bromofluorobenzene (75-133%)	*100 %*					*11/14/06 14:07*	*SW846 8260B*	*6113026*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50 0	1	11/13/06 16:37	SW846 8015B	6112463
Surr: a,a,a-Trifluorotoluene (63-134%)	*90 %*					*11/13/06 16:37*	*SW846 8015B*	*6112463*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		ug/L	47 2	1	11/16/06 21:37	SW846 8015B	6111998
Surr: o-Terphenyl (33-147%)	*75 %*					*11/16/06 21:37*	*SW846 8015B*	*6111998*
Sample ID: NPK1342-02 (MW2 - Ground Water) Sampled: 11/06/06 14:15								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	0 50	1	11/13/06 19:00	SW846 8021B	6112561
Ethylbenzene	ND		ug/L	0 50	1	11/13/06 19:00	SW846 8021B	6112561
Toluene	ND		ug/L	0 50	1	11/13/06 19:00	SW846 8021B	6112561
Xylenes, total	ND		ug/L	0 50	1	11/13/06 19:00	SW846 8021B	6112561
Surr: a,a,a-Trifluorotoluene (57-145%)	*87 %*					*11/13/06 19:00*	*SW846 8021B*	*6112561*
Selected Volatile Organic Compounds by EPA Method 8260B								
Methyl tert-Butyl Ether	ND		ug/L	0 500	1	11/14/06 05:59	SW846 8260B	6112973
Surr: 1,2-Dichloroethane-d4 (62-142%)	*80 %*					*11/14/06 05:59*	*SW846 8260B*	*6112973*
Surr: Dibromofluoromethane (78-123%)	*101 %*					*11/14/06 05:59*	*SW846 8260B*	*6112973*
Surr: Toluene-d8 (79-120%)	*93 %*					*11/14/06 05:59*	*SW846 8260B*	*6112973*
Surr: 4-Bromofluorobenzene (75-133%)	*99 %*					*11/14/06 05:59*	*SW846 8260B*	*6112973*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50 0	1	11/13/06 19:00	SW846 8015B	6112561
Surr: a,a,a-Trifluorotoluene (63-134%)	*87 %*					*11/13/06 19:00*	*SW846 8015B*	*6112561*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		ug/L	46 9	1	11/16/06 22:34	SW846 8015B	6111998
Surr: o-Terphenyl (33-147%)	*78 %*					*11/16/06 22:34*	*SW846 8015B*	*6111998*

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:	NPK1342
	2285 Morello Avenue	Project Name:	Exxon(06) 04-334 PO:4506876374
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erk Appel	Received:	11/09/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPK1342-03 (MW3 - Ground Water) Sampled: 11/06/06 14:50								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**60.0**		ug/L	0.50	1	11/13/06 19:19	SW846 8021B	6112561
Ethylbenzene	**47.3**		ug/L	0.50	1	11/13/06 19:19	SW846 8021B	6112561
Toluene	**1.04**		ug/L	0.50	1	11/13/06 19:19	SW846 8021B	6112561
Xylenes, total	**3.09**		ug/L	0.50	1	11/13/06 19:19	SW846 8021B	6112561
Surr: a,a,a-Trifluorotoluene (57-145%)	*89 %*					*11/13/06 19:19*	*SW846 8021B*	*6112561*
Selected Volatile Organic Compounds by EPA Method 8260B								
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	11/14/06 06:24	SW846 8260B	6112973
Surr: 1,2-Dichloroethane-d4 (62-142%)	*82 %*					*11/14/06 06:24*	*SW846 8260B*	*6112973*
Surr: Dibromofluoromethane (78-123%)	*99 %*					*11/14/06 06:24*	*SW846 8260B*	*6112973*
Surr: Toluene-d8 (79-120%)	*93 %*					*11/14/06 06:24*	*SW846 8260B*	*6112973*
Surr: 4-Bromofluorobenzene (75-133%)	*99 %*					*11/14/06 06:24*	*SW846 8260B*	*6112973*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**561**		ug/L	50.0	1	11/13/06 19:19	SW846 8015B	6112561
Surr: a,a,a-Trifluorotoluene (63-134%)	*89 %*					*11/13/06 19:19*	*SW846 8015B*	*6112561*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**106**		ug/L	47.2	1	11/16/06 22:53	SW846 8015B	6111998
Surr: o-Terphenyl (33-147%)	*84 %*					*11/16/06 22:53*	*SW846 8015B*	*6111998*
Sample ID: NPK1342-04 (MW4 - Ground Water) Sampled: 11/06/06 15:30								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	0.50	1	11/13/06 19:38	SW846 8021B	6112561
Ethylbenzene	ND		ug/L	0.50	1	11/13/06 19:38	SW846 8021B	6112561
Toluene	ND		ug/L	0.50	1	11/13/06 19:38	SW846 8021B	6112561
Xylenes, total	ND		ug/L	0.50	1	11/13/06 19:38	SW846 8021B	6112561
Surr: a,a,a-Trifluorotoluene (57-145%)	*88 %*					*11/13/06 19:38*	*SW846 8021B*	*6112561*
Selected Volatile Organic Compounds by EPA Method 8260B								
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	11/14/06 06:49	SW846 8260B	6112973
Surr: 1,2-Dichloroethane-d4 (62-142%)	*81 %*					*11/14/06 06:49*	*SW846 8260B*	*6112973*
Surr: Dibromofluoromethane (78-123%)	*99 %*					*11/14/06 06:49*	*SW846 8260B*	*6112973*
Surr: Toluene-d8 (79-120%)	*93 %*					*11/14/06 06:49*	*SW846 8260B*	*6112973*
Surr: 4-Bromofluorobenzene (75-133%)	*97 %*					*11/14/06 06:49*	*SW846 8260B*	*6112973*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	11/13/06 19:38	SW846 8015B	6112561
Surr: a,a,a-Trifluorotoluene (63-134%)	*88 %*					*11/13/06 19:38*	*SW846 8015B*	*6112561*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		ug/L	47.2	1	11/16/06 23:12	SW846 8015B	6111998
Surr: o-Terphenyl (33-147%)	*83 %*					*11/16/06 23:12*	*SW846 8015B*	*6111998*

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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:	NPK1342
	2285 Morello Avenue	Project Name:	Exxon(06) 04-334 PO:4506876374
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erk Appel	Received:	11/09/06 07:50

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	6111998	NPK1342-01	1060.00	1.00	11/13/06 09:20	CEC	EPA 3510C
SW846 8015B	6111998	NPK1342-02	1065.00	1.00	11/13/06 09:20	CEC	EPA 3510C
SW846 8015B	6111998	NPK1342-03	1060.00	1.00	11/13/06 09:20	CEC	EPA 3510C
SW846 8015B	6111998	NPK1342-04	1060.00	1.00	11/13/06 09:20	CEC	EPA 3510C

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NPK1342
	2285 Morello Avenue	Project Name:	Exxon(06) 04-334 PO:4506876374
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erk Appel	Received:	11/09/06 07:50

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						
6112463-BLK1						
Benzene	<0 37		ug/L	6112463	6112463-BLK1	11/13/06 08:19
Ethylbenzene	<0 21		ug/L	6112463	6112463-BLK1	11/13/06 08:19
Toluene	<0 41		ug/L	6112463	6112463-BLK1	11/13/06 08:19
Xylenes, total	<0 44		ug/L	6112463	6112463-BLK1	11/13/06 08:19
Surrogate: a,a,a-Trifluorotoluene	66%			6112463	6112463-BLK1	11/13/06 08:19
6112463-BLK2						
Benzene	<0 37		ug/L	6112463	6112463-BLK2	11/13/06 08:34
Ethylbenzene	<0 21		ug/L	6112463	6112463-BLK2	11/13/06 08:34
Toluene	<0 41		ug/L	6112463	6112463-BLK2	11/13/06 08:34
Xylenes, total	<0 44		ug/L	6112463	6112463-BLK2	11/13/06 08:34
Surrogate: a,a,a-Trifluorotoluene	91%			6112463	6112463-BLK2	11/13/06 08:34
6112561-BLK1						
Benzene	<0 37		ug/L	6112561	6112561-BLK1	11/13/06 15:49
Ethylbenzene	<0 21		ug/L	6112561	6112561-BLK1	11/13/06 15:49
Toluene	<0 41		ug/L	6112561	6112561-BLK1	11/13/06 15:49
Xylenes, total	<0 44		ug/L	6112561	6112561-BLK1	11/13/06 15:49
Surrogate: a,a,a-Trifluorotoluene	90%			6112561	6112561-BLK1	11/13/06 15:49
Selected Volatile Organic Compounds by EPA Method 8260B						
6112973-BLK1						
Methyl tert-Butyl Ether	<0 190		ug/L	6112973	6112973-BLK1	11/14/06 00:08
Surrogate: 1,2-Dichloroethane-d4	83%			6112973	6112973-BLK1	11/14/06 00:08
Surrogate: Dibromofluoromethane	105%			6112973	6112973-BLK1	11/14/06 00:08
Surrogate: Toluene-d8	92%			6112973	6112973-BLK1	11/14/06 00:08
Surrogate: 4-Bromofluorobenzene	99%			6112973	6112973-BLK1	11/14/06 00:08
6113026-BLK1						
Methyl tert-Butyl Ether	<0 190		ug/L	6113026	6113026-BLK1	11/14/06 13:17
Surrogate: 1,2-Dichloroethane-d4	90%			6113026	6113026-BLK1	11/14/06 13:17
Surrogate: Dibromofluoromethane	102%			6113026	6113026-BLK1	11/14/06 13:17
Surrogate: Toluene-d8	94%			6113026	6113026-BLK1	11/14/06 13:17
Surrogate: 4-Bromofluorobenzene	104%			6113026	6113026-BLK1	11/14/06 13:17
Purgeable Petroleum Hydrocarbons						
6112463-BLK1						
GRO as Gasoline	<33 0		ug/L	6112463	6112463-BLK1	11/13/06 08:19
Surrogate: a,a,a-Trifluorotoluene	66%			6112463	6112463-BLK1	11/13/06 08:19
6112463-BLK2						

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NPK1342
	2285 Morello Avenue	Project Name:	Exxon(06) 04-334 PO:4506876374
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erk Appel	Received:	11/09/06 07:50

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q C Batch	Lab Number	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons						
6112463-BLK2						
GRO as Gasoline	<33 0		ug/L	6112463	6112463-BLK2	11/13/06 08:34
Surrogate a,a,a-Trifluorotoluene	91%			6112463	6112463-BLK2	11/13/06 08:34
6112561-BLK1						
GRO as Gasoline	<33 0		ug/L	6112561	6112561-BLK1	11/13/06 15:49
Surrogate a,a,a-Trifluorotoluene	90%			6112561	6112561-BLK1	11/13/06 15:49
Extractable Petroleum Hydrocarbons with Silica Gel Treatment						
6111998-BLK1						
Diesel	<37 0		ug/L	6111998	6111998-BLK1	11/16/06 20:03
Surrogate o-Terphenyl	78%			6111998	6111998-BLK1	11/16/06 20:03

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NPK1342
	2285 Morello Avenue	Project Name:	Exxon(06) 04-334 PO:4506876374
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erk Appel	Received:	11/09/06 07:50

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								
6112463-BS1								
Benzene	100	86.2		ug/L	86%	72 - 132	6112463	11/14/06 10:14
Ethylbenzene	100	87.8		ug/L	88%	75 - 119	6112463	11/14/06 10:14
Toluene	100	86.8		ug/L	87%	71 - 121	6112463	11/14/06 10:14
Xylenes, total	200	175		ug/L	88%	73 - 122	6112463	11/14/06 10:14
Surrogate: a,a,a-Trifluorotoluene	30.0	28.9			96%	57 - 145	6112463	11/14/06 10:14
6112561-BS1								
Benzene	100	92.0		ug/L	92%	72 - 132	6112561	11/14/06 00:23
Ethylbenzene	100	93.9		ug/L	94%	75 - 119	6112561	11/14/06 00:23
Toluene	100	84.1		ug/L	84%	71 - 121	6112561	11/14/06 00:23
Xylenes, total	200	181		ug/L	90%	73 - 122	6112561	11/14/06 00:23
Surrogate: a,a,a-Trifluorotoluene	30.0	25.7			86%	57 - 145	6112561	11/14/06 00:23
Selected Volatile Organic Compounds by EPA Method 8260B								
6112973-BS1								
Methyl tert-Butyl Ether	50.0	45.0		ug/L	90%	66 - 129	6112973	11/13/06 23:18
Surrogate: 1,2-Dichloroethane-d4	50.0	42.2			84%	62 - 142	6112973	11/13/06 23:18
Surrogate: Dibromofluoromethane	50.0	50.3			101%	78 - 123	6112973	11/13/06 23:18
Surrogate: Toluene-d8	50.0	47.5			95%	79 - 120	6112973	11/13/06 23:18
Surrogate: 4-Bromofluorobenzene	50.0	49.9			100%	75 - 133	6112973	11/13/06 23:18
6113026-BS1								
Methyl tert-Butyl Ether	50.0	47.1		ug/L	94%	66 - 129	6113026	11/14/06 12:27
Surrogate: 1,2-Dichloroethane-d4	50.0	43.6			87%	62 - 142	6113026	11/14/06 12:27
Surrogate: Dibromofluoromethane	50.0	48.1			96%	78 - 123	6113026	11/14/06 12:27
Surrogate: Toluene-d8	50.0	48.4			97%	79 - 120	6113026	11/14/06 12:27
Surrogate: 4-Bromofluorobenzene	50.0	48.2			96%	75 - 133	6113026	11/14/06 12:27
Purgeable Petroleum Hydrocarbons								
6112463-BS2								
GRO as Gasoline	1000	1030		ug/L	103%	64 - 130	6112463	11/14/06 10:44
Surrogate: a,a,a-Trifluorotoluene	30.0	29.1			97%	63 - 134	6112463	11/14/06 10:44
6112561-BS2								
GRO as Gasoline	1000	1010		ug/L	101%	64 - 130	6112561	11/14/06 01:01
Surrogate: a,a,a-Trifluorotoluene	30.0	27.3			91%	63 - 134	6112561	11/14/06 01:01
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
6111998-BS1								
Diesel	1000	1020		ug/L	102%	38 - 123	6111998	11/16/06 20:21
Surrogate: o-Terphenyl	20.0	18.3			92%	33 - 147	6111998	11/16/06 20:21

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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:	NPK1342
	2285 Morello Avenue	Project Name:	Exxon(06) 04-334 PO:4506876374
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erk Appel	Received:	11/09/06 07:50

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val	Analyzed Val	Q	Units	% Rec	Target Range	Batch	Analyzed Date/Time
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								

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:	NPK1342
	2285 Morello Avenue	Project Name:	Exxon(06) 04-334 PO:4506876374
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erk Appel	Received:	11/09/06 07:50

PROJECT QUALITY CONTROL DATA
LCS 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												
6112561-BSD1												
Benzene		92.4		ug/L	100	92%	72 - 132	0.4	11	6112561		11/14/06 00:42
Ethylbenzene		97.3		ug/L	100	97%	75 - 119	4	18	6112561		11/14/06 00:42
Toluene		87.5		ug/L	100	88%	71 - 121	4	15	6112561		11/14/06 00:42
Xylenes, total		188		ug/L	200	94%	73 - 122	4	14	6112561		11/14/06 00:42
Surrogate: a,a,a-Trifluorotoluene		27.9		ug/L	30.0	93%	57 - 145			6112561		11/14/06 00:42
Purgeable Petroleum Hydrocarbons												
6112561-BSD1												
GRO as Gasoline		1820		ug/L	1100	165%	64 - 130		27	6112561		11/14/06 00:42
Surrogate: a,a,a-Trifluorotoluene		27.9		ug/L	30.0	93%	63 - 134			6112561		11/14/06 00:42

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:	NPK1342
	2285 Morello Avenue	Project Name:	Exxon(06) 04-334 PO:4506876374
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erk Appel	Received:	11/09/06 07:50

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										
6112463-MS1										
Benzene	0 0820	42 0		ug/L	50 0	84%	72 - 133	6112463	NPK0742-02	11/13/06 17:07
Ethylbenzene	0 0740	42 3		ug/L	50 0	84%	75 - 137	6112463	NPK0742-02	11/13/06 17:07
Toluene	0 0830	42 0		ug/L	50 0	84%	71 - 127	6112463	NPK0742-02	11/13/06 17:07
Xylenes, total	0 154	83 8		ug/L	100	84%	73 - 140	6112463	NPK0742-02	11/13/06 17:07
Surrogate: a,a,a-Trifluorotoluene		26 6		ug/L	30 0	89%	57 - 145	6112463	NPK0742-02	11/13/06 17:07
6112561-MS1										
Benzene	ND	49 2		ug/L	50 0	98%	72 - 133	6112561	NPK1828-02	11/13/06 23:45
Ethylbenzene	ND	47 7		ug/L	50 0	95%	75 - 137	6112561	NPK1828-02	11/13/06 23:45
Toluene	0 0880	45 0		ug/L	50 0	90%	71 - 127	6112561	NPK1828-02	11/13/06 23:45
Xylenes, total	ND	92 8		ug/L	100	93%	73 - 140	6112561	NPK1828-02	11/13/06 23:45
Surrogate: a,a,a-Trifluorotoluene		25 9		ug/L	30 0	86%	57 - 145	6112561	NPK1828-02	11/13/06 23:45
Selected Volatile Organic Compounds by EPA Method 8260B										
6112973-MS1										
Methyl tert-Butyl Ether	ND	46 8		ug/L	50 0	94%	54 - 143	6112973	NPK1342-04	11/14/06 09:29
Surrogate: 1,2-Dichloroethane-d4		43 1		ug/kg	50 0	86%	62 - 142	6112973	NPK1342-04	11/14/06 09:29
Surrogate: Dibromofluoromethane		51 1		ug/kg	50 0	102%	78 - 123	6112973	NPK1342-04	11/14/06 09:29
Surrogate: Toluene-d8		46 4		ug/kg	50 0	93%	79 - 120	6112973	NPK1342-04	11/14/06 09:29
Surrogate: 4-Bromofluorobenzene		48 2		ug/kg	50 0	96%	75 - 133	6112973	NPK1342-04	11/14/06 09:29
6113026-MS1										
Methyl tert-Butyl Ether	ND	48 2		ug/L	50 0	96%	54 - 143	6113026	NPK1607-01	11/14/06 22:29
Surrogate: 1,2-Dichloroethane-d4		43 8		ug/kg	50 0	88%	62 - 142	6113026	NPK1607-01	11/14/06 22:29
Surrogate: Dibromofluoromethane		50 4		ug/kg	50 0	101%	78 - 123	6113026	NPK1607-01	11/14/06 22:29
Surrogate: Toluene-d8		46 2		ug/kg	50 0	92%	79 - 120	6113026	NPK1607-01	11/14/06 22:29
Surrogate: 4-Bromofluorobenzene		47 6		ug/kg	50 0	95%	75 - 133	6113026	NPK1607-01	11/14/06 22:29
Purgeable Petroleum Hydrocarbons										
6112463-MS2										
GRO as Gasoline	10 0	844		ug/L	1000	83%	43 - 150	6112463	NPK1131-05	11/13/06 17:38
Surrogate: a,a,a-Trifluorotoluene		28 0		ug/L	30 0	93%	63 - 134	6112463	NPK1131-05	11/13/06 17:38

TestAmerica
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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NPK1342
	2285 Morello Avenue	Project Name:	Exxon(06) 04-334 PO:4506876374
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erk Appel	Received:	11/09/06 07:50

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												
6112561-MSD1												
Benzene	ND	50.7		ug/L	50.0	101%	72 - 133	3	11	6112561	NPK1828-02	11/14/06 00:04
Ethylbenzene	ND	52.9		ug/L	50.0	106%	75 - 137	10	18	6112561	NPK1828-02	11/14/06 00:04
Toluene	0.0880	47.6		ug/L	50.0	95%	71 - 127	6	15	6112561	NPK1828-02	11/14/06 00:04
Xylenes, total	ND	101		ug/L	100	101%	73 - 140	8	14	6112561	NPK1828-02	11/14/06 00:04
Surrogate: a,a,a-Trifluorotoluene		27.2		ug/L	30.0	91%	57 - 145			6112561	NPK1828-02	11/14/06 00:04
Selected Volatile Organic Compounds by EPA Method 8260B												
6112973-MSD1												
Methyl tert-Butyl Ether	ND	49.7		ug/L	50.0	99%	54 - 143	6	27	6112973	NPK1342-04	11/14/06 09:54
Surrogate: 1,2-Dichloroethane-d4		39.6		ug/kg	50.0	79%	62 - 142			6112973	NPK1342-04	11/14/06 09:54
Surrogate: Dibromofluoromethane		48.6		ug/kg	50.0	97%	78 - 123			6112973	NPK1342-04	11/14/06 09:54
Surrogate: Toluene-d8		48.2		ug/kg	50.0	96%	79 - 120			6112973	NPK1342-04	11/14/06 09:54
Surrogate: 4-Bromofluorobenzene		50.0		ug/kg	50.0	100%	75 - 133			6112973	NPK1342-04	11/14/06 09:54
6113026-MSD1												
Methyl tert-Butyl Ether	ND	43.4		ug/L	50.0	87%	54 - 143	10	27	6113026	NPK1607-01	11/14/06 22:55
Surrogate: 1,2-Dichloroethane-d4		42.7		ug/kg	50.0	85%	62 - 142			6113026	NPK1607-01	11/14/06 22:55
Surrogate: Dibromofluoromethane		47.8		ug/kg	50.0	96%	78 - 123			6113026	NPK1607-01	11/14/06 22:55
Surrogate: Toluene-d8		46.0		ug/kg	50.0	92%	79 - 120			6113026	NPK1607-01	11/14/06 22:55
Surrogate: 4-Bromofluorobenzene		47.0		ug/kg	50.0	94%	75 - 133			6113026	NPK1607-01	11/14/06 22:55
Purgeable Petroleum Hydrocarbons												
6112463-MSD2												
GRO as Gasoline	10.0	755		ug/L	1000	74%	43 - 150	11	27	6112463	NPK1131-05	11/14/06 09:59
Surrogate: a,a,a-Trifluorotoluene		18.4	Z6	ug/L	30.0	61%	63 - 134			6112463	NPK1131-05	11/14/06 09:59

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NPK1342
	2285 Morello Avenue	Project Name:	Exxon(06) 04-334 PO:4506876374
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erk Appel	Received:	11/09/06 07:50

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

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

TestAmerica
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	2285 Morello Avenue	Project Name:	Exxon(06) 04-334 PO:4506876374
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erk Appel	Received:	11/09/06 07:50

NELAC CERTIFICATION SUMMARY

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

Method	Matrix	Analyte
SW846 8015B	Water	Diesel

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:	NPK1342
	2285 Morello Avenue	Project Name:	Exxon(06) 04-334 PO:4506876374
	Pleasant Hill, CA 94523	Project Number:	04-334
Attn	Erk Appel	Received:	11/09/06 07:50

DATA QUALIFIERS AND DEFINITIONS

Z6 Surrogate recovery was below acceptance limits.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

NPK1342

Nashville Division
COOLER RECEIPT FORM BC#

Cooler Received/Opened On 11/09/06 @ 07:50

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 2621

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

2. Temperature of representative sample or temperature blank when opened: 1.7 Degrees Celsius (indicate IR Gun ID#)

NA (A00466) A00750 A01124 100190 101282 10594 Raynger ST

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

a. If yes, how many and where: _____

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) ..... (JW)

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 1 VOA Formerly BIS

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) ..... IR

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) ..... IR

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) ..... IR

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

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

BIS = Broken in shipment

Morgan Hill Division
885 Jarvis Drive
Morgan Hill, CA 95037

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

ExxonMobil

ame: ETIC ENGINEERING — TA Account #: 10236

ress: 2285 MORELLO AVE. — Invoice To: JENNIFER SEDLACHEK (XOMTM)

/Zip: PLEASANT HILL, CA. 94523 — Report To: eticlabreports@eticeng.com

Mgr: JENNIFER SEDLACHEK — PO #: 4506876374

Consultant Project Mgr: ERK APPEL — Project #: UP04334.1 — Facility ID # 04-334

Consultant Telephone Number: 925-602-4710 EXT.21 — Fax No.: 925-602-4720 — Site Address 2492 CASTRO VALLEY BLVD

Sampler Name: (Print) AHMAD A — City, State, Zip CASTRO VALLEY, CA. 94546

Sampler Signature: — Regulatory District (CA)

NPK1342
11/24/06 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 8012B	MTBE BY 8260B						RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	STD TAT	Fax Results
MW1	12-06-06	1340	8				X		X						X						X	X	X	X	NPK 1342-1							X	
MW2		1415	8				X		X						X						X	X	X	X				2				X	
MW3		1450	8				X		X						X						X	X	X	X				3				X	
MW4		1530	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? Y N
VOCs Free of Headspace? Y N

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

Relinquished by:	Date	Time	Received by:	Date	Time
	11-06-06	1700		11/7/06	1480
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	11/7/06	1830		11/06/06	15:00

11/8/06 7:50 1.7°C

C:\Documents and Settings\wpaculbar\Desktop\04334COCNEW

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: ETC
REC. BY (PRINT): EJ
WORKORDER:

DATE REC'D AT LAB: 11/7/06
TIME REC'D AT LAB: 1830
DATE LOGGED IN:

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE ~~MATRIX~~	DATE ~~SAMPLED~~	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / ~~Absent~~ / Intact / Broken*			See C-O-C					
2. Chain-of-Custody Present / Absent*								
3. Traffic Reports or Packing List: Present / ~~Absent~~								
4. Airbill: Airbill / ~~Sticker~~ Present / ~~Absent~~								
5. Airbill #:								
6. Sample Labels: Present / Absent								
7. Sample IDs: Listed / Not Listed on Chain-of-Custody								
8. Sample Condition: Intact / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*								
10. Sample received within hold time? Yes / No*								
11. Adequate sample volume received? Yes / No*								
12. Proper preservatives used? Yes / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*								
14. Read Temp: 2.1°C Corrected Temp: 5.1°C Is corrected temp 4 +/-2°C? Yes / No** (Acceptance range for samples requiring thermal pres.)								
**Exception (if any): METALS / DFF ON ICE or Problem COC								

11-7-06 EJ

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

SRL Revision 8
Replaces Rev 7 (07/19/05)
Effective 09/13/06

Linda Pawlak

From: Christina Woodcock
Sent: Wednesday, November 08, 2006 8:24 AM
To: Evangeline Blanco; Linda Pawlak; Pedro Hufano
Cc: Jim Hatfield
Subject: 04-334 11-6
Attachments: 04-334 11-6.pdf

**the sample date is wrong on the COC ... it says "12-6-06"

Send to Nashville

Christina Woodcock
Project Manager - Morgan Hill, CA Facility
Direct line: 408.782.8154
cwoodcock@testamericainc.com