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Jennifer C. Sedlachek
Project Manager

ExxonMobil

August 1, 2008

RECEIVED

2:16 pm, Aug 01, 2008

Alameda County
Environmental Health

Mr. Jerry T. Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94502-6577

Subject: Fuel Leak Investigation Site No. RO0002635
Former Exxon RAS #74121, 10605 Foothill Boulevard, Oakland, California

Dear Mr. Wickham:

Attached for your review and comment is a copy of the *Report of Groundwater Monitoring, Second Quarter 2008* for the above-referenced site. The report, prepared by ETIC Engineering, Inc. of Pleasant Hill, California, details the results of the June 2008 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.

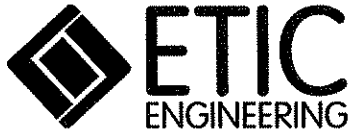
Sincerely,



Jennifer C. Sedlachek
Project Manager

Attachment: ETIC Groundwater Monitoring Report dated August 2008

- c: w/ attachment:
 - Mr. Ken Phares - MacArthur Boulevard Associates, Oakland, California
 - Mr. Peter McIntyre - AEI Consultants
- c: w/o attachment:
 - Mr. Bryan Campbell - ETIC Engineering, Inc.



**Report of Groundwater Monitoring
Second Quarter 2008**

**Former Exxon Retail Site 74121
10605 Foothill Boulevard
Oakland, California**

Prepared for

ExxonMobil Oil Corporation

Prepared by

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

A handwritten signature in black ink that reads "K. Erik Appel".

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



A handwritten date in black ink that reads "August 1, 2008".

Date

August 2008

SITE CONTACTS

Site Name: Former Exxon Retail Site 74121

Site Address: 10605 Foothill Boulevard
Oakland, California

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

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

ETIC Project Manager: K. Erik Appel

Regulatory Oversight: Jerry T. Wickham
Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway
Alameda, California 94502-6577
(510) 567-6765

INTRODUCTION

ETIC Engineering, Inc. has prepared this quarterly groundwater monitoring report for ExxonMobil Environmental Services Company on behalf of ExxonMobil Oil Corporation for former Exxon Retail Site 74121. 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 19 March 2008, the date of the previous monitoring event, until 11 June 2008, the date of the most recent quarterly 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 Exxon Retail Site 74121
Site address:	10605 Foothill Boulevard, Oakland, California
Current property owner:	MacArthur Boulevard Associates
Current site use:	Landscaped area
Current phase of project:	Groundwater monitoring
Tanks at site:	Underground storage tanks removed in 1981 or 1982
Number of wells:	4 (4 onsite, 0 offsite)

GROUNDWATER MONITORING SUMMARY

Gauging and sampling date:	11 June 2008
Wells gauged and sampled:	MW1, MW2, MW3, MW5
Wells gauged only:	None
Groundwater flow direction:	North
Groundwater gradient:	0.0019
Well screens submerged:	None
Well screens not submerged:	MW1, MW2, MW3, MW5
Liquid-phase hydrocarbons:	Not observed or detected
Laboratory:	TestAmerica, Inc., Morgan Hill, California

Analyses performed:

- Total Petroleum Hydrocarbons as gasoline by EPA Method 8015B
- Total Petroleum Hydrocarbons as diesel by EPA Method 8015B
- Benzene, toluene, ethylbenzene, and xylenes by EPA Method 8021B
- Methyl tertiary butyl ether, ethyl tertiary butyl ether, tertiary amyl methyl ether, tertiary butyl alcohol, diisopropyl ether, 1,2-dibromoethane, and 1,2-dichloroethane by EPA Method 8260B

ADDITIONAL ACTIVITIES PERFORMED

None.

WORK PROPOSED FOR NEXT QUARTER

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

Attachments:

Figure 1: Site Map Showing Groundwater Elevations and Analytical Results

Table 1: Well Construction Details

Table 2: Groundwater Monitoring Data

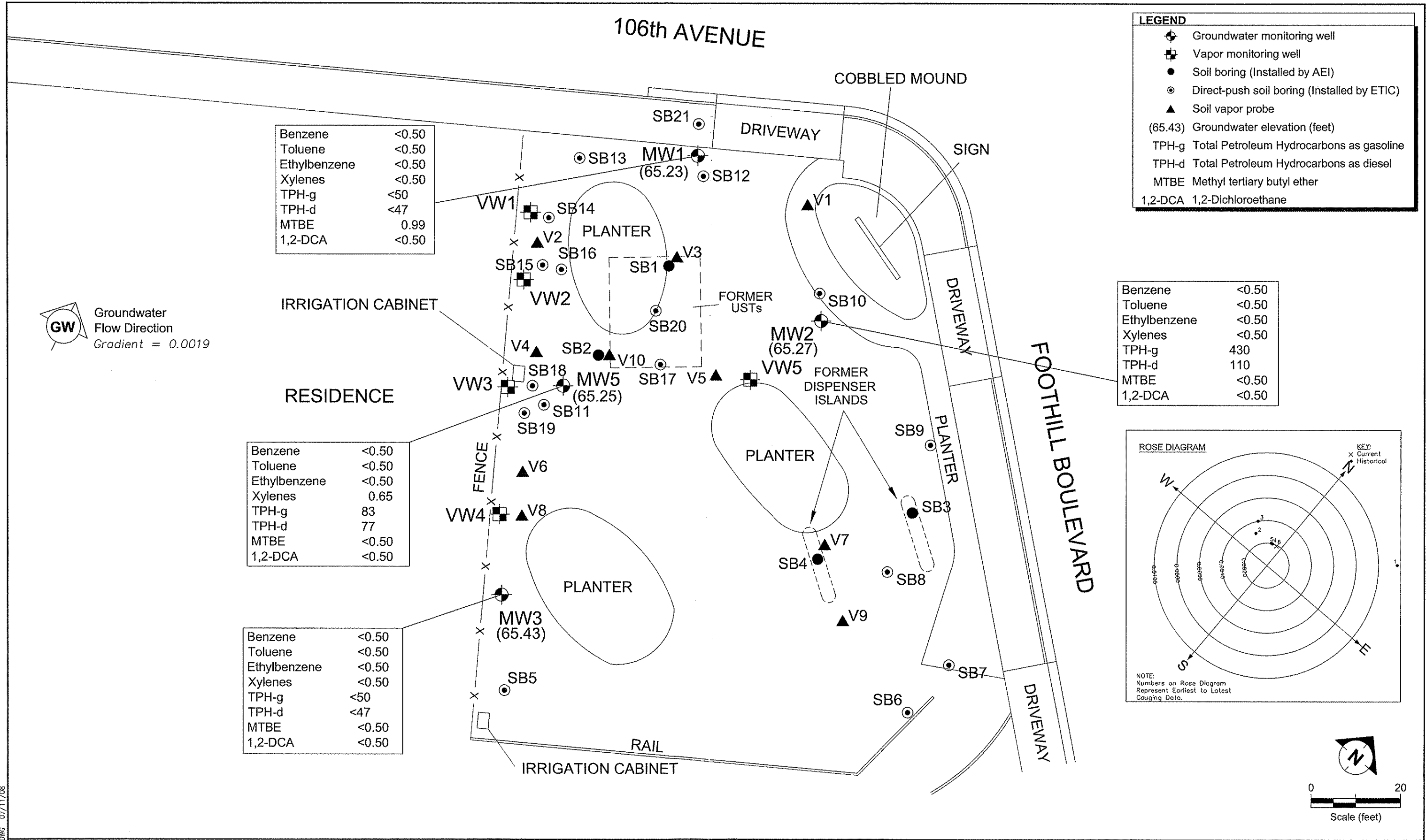
Table 3: Groundwater Monitoring Plan

Appendix A: Field Protocols

Appendix B: Field Documents

Appendix C: Laboratory Analytical Reports and Chain-of-Custody Documentation

Figures



LEGEND

- ⊕ Groundwater monitoring well
- ⊞ Vapor monitoring well
- Soil boring (Installed by AEI)
- ⊙ Direct-push soil boring (Installed by ETIC)
- ▲ Soil vapor probe

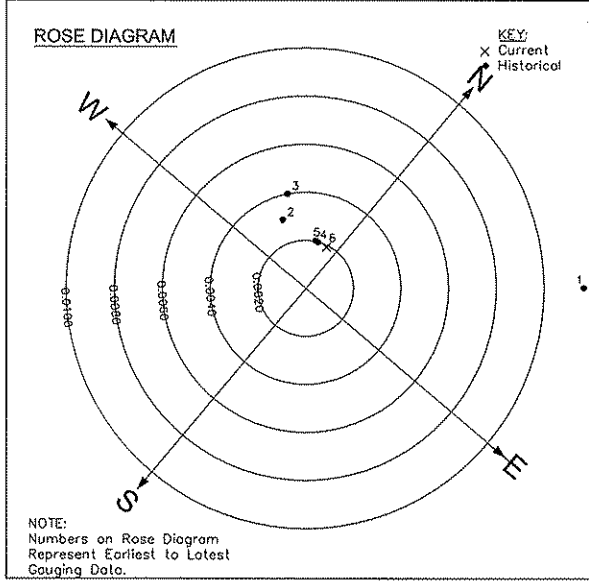
(65.43) Groundwater elevation (feet)
 TPH-g Total Petroleum Hydrocarbons as gasoline
 TPH-d Total Petroleum Hydrocarbons as diesel
 MTBE Methyl tertiary butyl ether
 1,2-DCA 1,2-Dichloroethane

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<0.50
TPH-g	<50
TPH-d	<47
MTBE	0.99
1,2-DCA	<0.50

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<0.50
TPH-g	430
TPH-d	110
MTBE	<0.50
1,2-DCA	<0.50

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	0.65
TPH-g	83
TPH-d	77
MTBE	<0.50
1,2-DCA	<0.50

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<0.50
TPH-g	<50
TPH-d	<47
MTBE	<0.50
1,2-DCA	<0.50



FILENAME: 202008.DWG 07/11/08



SITE MAP SHOWING GROUNDWATER ELEVATIONS AND ANALYTICAL RESULTS
 FORMER EXXON RS 74121
 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA
 11 JUNE 2008

FIGURE:
1

Tables

TABLE 1 WELL CONSTRUCTION DETAILS, FORMER EXXON RS 74121, 10605 FOOTHILL BOULEVARD, OAKLAND, 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 01/23/07	82.47	PVC	26.5	25	8	2	10 - 25	0.010	8 - 25	#2/12 Sand
MW2	a 01/23/07	84.40	PVC	26.5	25	8	2	10 - 25	0.010	8 - 25	#2/12 Sand
MW3	a 01/24/07	83.25	PVC	26.5	25	8	2	10 - 25	0.010	8 - 25	#2/12 Sand
MW5	a 01/23/07	82.65	PVC	26.5	25	8	2	10 - 25	0.010	8 - 25	#2/12 Sand
VW1	a 01/22/07	--	SS	6	6	6	0.125	5.25 - 5.75	0.010	5 - 6	#2/12 Sand
VW2	a 01/22/07	--	SS	6	6	6	0.125	5.25 - 5.75	0.010	5 - 6	#2/12 Sand
VW3	a 01/22/07	--	SS	6	6	6	0.125	5.25 - 5.75	0.010	5 - 6	#2/12 Sand
VW4	a 01/22/07	--	SS	6	6	6	0.125	5.25 - 5.75	0.010	5 - 6	#2/12 Sand
VW5	a 01/22/07	--	SS	6	6	6	0.125	5.25 - 5.75	0.010	5 - 6	#2/12 Sand

Notes:

a Well surveyed on 12 March 2007 by Morrow Surveying.

PVC Polyvinyl chloride.

SS Stainless steel.

TOC Top of casing.

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RETAIL SITE 74121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Concentration (µg/L)												
						Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	MTBE	TBA	DIPE	ETBE	1,2-DCA	TAME	EDB
MW1	03/08/07	82.47	15.10	67.37	0.00	<1.00	1.21	<1.00	<3.00	440	119	1.91	<10.0	<0.500	<0.500	<0.500	0.560	<0.500
MW1	06/08/07	82.47	16.47	66.00	0.00	<0.50	<0.50	<0.50	<0.50	127	<47.6	0.880	<10.0 ^{ab}	<0.500	<0.500	<0.500	<0.500	<0.500
MW1	09/06/07	82.47	17.47	65.00	0.00	<0.50	<0.50	<0.50	<0.50	78.0	<47.2	0.590	<10.0 ^{ab}	<0.500	<0.500	<0.500	<0.500	<0.500
MW1	12/03/07	82.47	18.10	64.37	0.00	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50	<20	<0.50	<0.50	<0.50	<0.50	<0.50
MW1	03/19/08	82.47	16.20	66.27	0.00	<0.50	<0.50	<0.50	<0.50	51.3	61 ^c	3.08	<10.0	<0.500	<0.500	<0.500	0.930	<0.500
MW1	06/11/08	82.47	17.24	65.23	0.00	<0.50	<0.50	<0.50	<0.50	<50	<47	0.99	<20	<0.50	<0.50	<0.50	<0.50	<0.50
MW2	03/08/07	84.40	16.97	67.43	0.00	1.33	3.52	2.41	<3.00	1,620	550	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	<0.500
MW2	06/08/07	84.40	18.34	66.06	0.00	21.8	2.45	0.66	<0.50	2,120	395	<0.500	10.0 ^c	<0.500	<0.500	<0.500	<0.500	<0.500
MW2	09/06/07	84.40	19.33	65.07	0.00	4.66	0.70	<0.50	1.25	470	208	<0.500	<10.0 ^{ac}	<0.500	<0.500	<0.500	<0.500	<0.500
MW2	12/03/07	84.40	19.97	64.43	0.00	22 ^d	<0.50	<0.50	<0.50	560	120 ^e	<0.50	<20	<0.50	<0.50	<0.50	<0.50	<0.50
MW2	03/19/08	84.40	18.07	66.33	0.00	5.33	<0.50	<0.50	0.82	630	200 ^e	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	<0.500
MW2	06/11/08	84.40	19.13	65.27	0.00	<0.50	<0.50	<0.50	<0.50	430	110^e	<0.50	<20	<0.50	<0.50	<0.50	<0.50	<0.50
MW3	03/08/07	83.25	15.49	67.76	0.00	<1.00	<1.00	<1.00	<3.00	<100	52.9	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	<0.500
MW3	06/08/07	83.25	17.02	66.23	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	<47.6	<0.500	<10.0 ^{ab}	<0.500	<0.500	<0.500	<0.500	<0.500
MW3	09/06/07	83.25	18.07	65.18	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	<0.500	<10.0 ^{ab}	<0.500	<0.500	<0.500	<0.500	<0.500
MW3	12/03/07	83.25	18.69	64.56	0.00	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50	<20	<0.50	<0.50	<0.50	<0.50	<0.50
MW3	03/19/08	83.25	16.79	66.46	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	<47	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	<0.500
MW3	06/11/08	83.25	17.82	65.43	0.00	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50	<20	<0.50	<0.50	<0.50	<0.50	<0.50
MW5	03/08/07	82.65	14.31	68.34	0.00	<1.00	<1.00	<1.00	<3.00	187	59.2	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	<0.500
MW5	06/08/07	82.65	16.64	66.01	0.00	4.38	0.72	<0.50	<0.50	780	90.3	<0.500	<10.0 ^{ab}	<0.500	<0.500	<0.500	<0.500	<0.500
MW5	09/06/07	82.65	17.62	65.03	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	121	<0.500	<10.0 ^{ab}	<0.500	<0.500	<0.500	<0.500	<0.500
MW5	12/03/07	82.65	18.27	64.38	0.00	<0.50	<0.50	<0.50	<0.50	100	65 ^e	<0.50	<20	<0.50	<0.50	<0.50	<0.50	<0.50
MW5	03/19/08	82.65	16.37	66.28	0.00	0.69	<0.50	<0.50	0.87	237	110 ^e	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	<0.500
MW5	06/11/08	82.65	17.40	65.25	0.00	<0.50	<0.50	<0.50	0.65	83	77^e	<0.50	<20	<0.50	<0.50	<0.50	<0.50	<0.50

Notes: MTBE analyzed by EPA Method 8260B unless otherwise indicated.

- a Calibration verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
- b Laboratory control sample and/or laboratory control sample duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
- c Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.
- d The relative percent difference between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the higher value was reported.
- e Does not match typical pattern.

- 1,2-DCA 1,2-Dichloroethane.
- DIPE Diisopropyl ether.
- EDB 1,2-Dibromoethane.
- ETBE Ethyl tertiary butyl ether.
- MTBE Methyl tertiary butyl ether.
- TAME Tertiary amyl methyl ether.
- TBA Tertiary butyl alcohol.
- TPH-d Total Petroleum Hydrocarbons as diesel analyzed by EPA Method 8015B.

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RETAIL SITE 74121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Concentration (µg/L)										
						Benzene	Toluene	Ethyl- benzene	Xylenes	TPH-g	TPH-d	MTBE	TBA	DIPE	ETBE	1,2-DCA

TPH-g Total Petroleum Hydrocarbons as gasoline analyzed by EPA Method 8015B.

µg/L Micrograms per liter.

TABLE 3

GROUNDWATER MONITORING PLAN, FORMER EXXON RS 74121,
10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Well Number	Groundwater Gauging Frequency	Groundwater Sampling and Analysis Frequency		
		TPH-g, TPH-d, and BTEX	MTBE	Other Oxygenates and Additives
MW1	Q	Q	Q	Q
MW2	Q	Q	Q	Q
MW3	Q	Q	Q	Q
MW5	Q	Q	Q	Q

Notes: Oxygenates and additives include diisopropyl ether, tertiary butyl alcohol, tertiary amyl methyl ether, ethyl tertiary butyl ether, 1,2-dibromoethane, and 1,2-dichloroethane.

BTEX Benzene, toluene, ethylbenzene, and xylenes.

MTBE Methyl tertiary butyl ether.

Q Quarterly.

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

Project Name: Exxon 74121 Well No: MW-1 Date: 06-11-08
 Project No: UP4121.1.6 Personnel: TENDER

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)				
	24.15	-	17.24	=	6.91	X	1	2	4	6	1.10	=	3.31
							0.04	0.16	0.64	1.44			

PURGING DATA

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

Time	0706	0708	0710			
Volume Purge (gal)	1.5	3.0	4.5			
Temperature (C)	18.6	18.3	18.2			
pH	6.62	6.78	6.79			
Spec. Cond. (umhos)	1156	1146	1143			
Turbidity/Color	SLY / BROWN	SLY / BROWN	SLY / BROWN			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 0715 Approximate Depth to Water During Sampling: 18' (feet)

Comments:

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

Total Purge Volume: 4.5 (gallons) Disposal: SYSTEM

Weather Conditions: OK BOLTS / N

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

Well Head Conditions Requiring Correction: NONE GROUT / N

Problems Encountered During Purging and Sampling: NONE WELL BOX. / N

Comments: SECURED / N

Project Name: Exxon 74121	Well No: MW-2	Date: 06-14-08
Project No: UP4121.1.6	Personnel: TRINDER	

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)	
		24.75	19.13	5.62	X 1	0.04	0.16	0.64	1.44	0.89

PURGING DATA

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

Time	0730	0732	0734			
Volume Purge (gal)	1.00	2.00	3.00			
Temperature (C)	18.2	18.1	18.0			
pH	6.79	6.52	6.50			
Spec. Cond. (umhos)	1011	979	970			
Turbidity/Color	<u>slty</u> <u>gray</u>	<u>slty</u> <u>gray</u>	<u>slty</u>			
Odor (Y/N)	Y	Y	Y			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 0740 Approximate Depth to Water During Sampling: 20 (feet)

Comments:

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

Total Purge Volume: 3 (gallons) Disposal: SYSTEM

Weather Conditions: OK BOLTS / N

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

Well Head Conditions Requiring Correction: N GROUT / N

Problems Encountered During Purging and Sampling: N WELL BOX. / N

Comments: SECURED Y / N

Project Name: Exxon 74121 Well No: MW-3 Date: 06-11-08
 Project No: UP4121.1.6 Personnel: T. 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)
		23.60	17.82	5.78	1	2	4	6	0.92
				0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: WATERRA / BAILER / SUB

Purge Rate: GPM

Time	0829	0831	0832			
Volume Purge (gal)	1.00	2.00	3.00			
Temperature (C)	18.5	17.8	17.5			
pH	6.83	6.77	6.74			
Spec. Cond. (umhos)	1131	1314	1343			
Turbidity/Color	SLY / BROWN	SLY / BROWN	SLY / BROWN			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 0840

Approximate Depth to Water During Sampling: 16 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW-3	1	Voa	HCL	40 ml	/	TPH-g, BTEX, MTBE
MW-3	2	AMBERS	NONE	1L	/	TPH-D
					/	

Total Purge Volume: 3 (gallons)

Disposal: SYSTEM

Weather Conditions: OK

BOLTS / N

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

CAP & LOCK / N

Well Head Conditions Requiring Correction: NONE

GROUT / N

Problems Encountered During Purging and Sampling: NONE

WELL BOX. / N

Comments:

SECURED / N

Project Name: Exxon 74121 Well No: MW-5 Date: 06-11-08
 Project No: UP4121.1.6 Personnel: J. 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)						
	25.46	-	17.40	=	8.06	X	1	0.04	0.16	0.64	1.44	4	6	1.28	=

PURGING DATA

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

Time	0800	0802	0805			
Volume Purge (gal)	1.50	3.00	4.50			
Temperature (C)	17.5	17.4	17.6			
pH	6.90	6.87	6.85			
Spec. Cond. (umhos)	929	925	909			
Turbidity/Color	5107 GRAY	5107 GRAY	5107 GRAY			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 0810 Approximate Depth to Water During Sampling: 18' (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW-5	1	Voa	HCL	40 ml	/	TPH-g, BTEX, MTBE
MW-5	2	AMBERS	NONE	1L	/	TPH-D
					/	
					/	

Total Purge Volume: 45 (gallons) Disposal: SYSTEM

Weather Conditions: OK BOLTS / N

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

Well Head Conditions Requiring Correction: NONE GROUT / N

Problems Encountered During Purging and Sampling: NONE WELL BOX / N

Comments: SECURED / N

Appendix C

Laboratory Analytical Reports and Chain-of-Custody Documentation

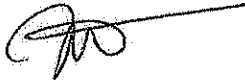
26 June, 2008

Erik Appel
ETIC Engineering Inc - Pleasant Hill (Exxon)
2285 Morello Avenue
Pleasant Hill, CA 94523

RE: Exxon 7-4121
Work Order: MRF0339

Enclosed are the results of analyses for samples received by the laboratory on 06/11/08 19:45. The samples arrived at a temperature of 4° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Megan Tran For Tim Rhiney
Project Manager

CA ELAP Certificate #1210

ETIC Engineering Inc - Pleasant Hill (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon 7-4121
Project Number: 7-4121
Project Manager: Erik Appel

MRF0339
Reported:
06/26/08 13:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1	MRF0339-01	Water	06/11/08 07:15	06/11/08 19:45
MW2	MRF0339-02	Water	06/11/08 07:40	06/11/08 19:45
MW3	MRF0339-03	Water	06/11/08 08:40	06/11/08 19:45
MW5	MRF0339-04	Water	06/11/08 08:10	06/11/08 19:45

ETIC Engineering Inc - Pleasant Hill (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon 7-4121
Project Number: 7-4121
Project Manager: Erik Appel

MRF0339
Reported:
06/26/08 13:38

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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MW1 (MRF0339-01) Water Sampled: 06/11/08 07:15 Received: 06/11/08 19:45

Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8F16003	06/16/08	06/16/08	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		95 %		85-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91 %		75-125	"	"	"	"	

MW2 (MRF0339-02) Water Sampled: 06/11/08 07:40 Received: 06/11/08 19:45

Gasoline Range Organics (C4-C12)	430	50	ug/l	1	8F16003	06/16/08	06/16/08	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		94 %		85-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %		75-125	"	"	"	"	

MW3 (MRF0339-03) Water Sampled: 06/11/08 08:40 Received: 06/11/08 19:45

Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8F16003	06/16/08	06/16/08	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		96 %		85-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93 %		75-125	"	"	"	"	

ETIC Engineering Inc - Pleasant Hill (Exxon) 2285 Morello Avenue Pleasant Hill CA, 94523	Project: Exxon 7-4121 Project Number: 7-4121 Project Manager: Erik Appel	MRF0339 Reported: 06/26/08 13:38
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Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B
TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW5 (MRF0339-04) Water Sampled: 06/11/08 08:10 Received: 06/11/08 19:45									
Gasoline Range Organics (C4-C12)	83	50	ug/l	1	8F16003	06/16/08	06/16/08	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	0.65	0.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		92 %		85-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97 %		75-125	"	"	"	"	

ETIC Engineering Inc - Pleasant Hill (Exxon) 2285 Morello Avenue Pleasant Hill CA, 94523	Project: Exxon 7-4121 Project Number: 7-4121 Project Manager: Erik Appel	MRF0339 Reported: 06/26/08 13:38
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Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1 (MRF0339-01) Water Sampled: 06/11/08 07:15 Received: 06/11/08 19:45									
Diesel Range Organics (C10-C28)	ND	47	ug/l	1	8F17025	06/17/08	06/20/08	EPA 8015B-SVOA	
<i>Surrogate: n-Octacosane</i>		61 %	40-120		"	"	"	"	
MW2 (MRF0339-02) Water Sampled: 06/11/08 07:40 Received: 06/11/08 19:45									
Diesel Range Organics (C10-C28)	110	47	ug/l	1	8F17025	06/17/08	06/20/08	EPA 8015B-SVOA	Q1
<i>Surrogate: n-Octacosane</i>		63 %	40-120		"	"	"	"	
MW3 (MRF0339-03) Water Sampled: 06/11/08 08:40 Received: 06/11/08 19:45									
Diesel Range Organics (C10-C28)	ND	47	ug/l	1	8F17025	06/17/08	06/20/08	EPA 8015B-SVOA	
<i>Surrogate: n-Octacosane</i>		50 %	40-120		"	"	"	"	
MW5 (MRF0339-04) Water Sampled: 06/11/08 08:10 Received: 06/11/08 19:45									
Diesel Range Organics (C10-C28)	77	47	ug/l	1	8F17025	06/17/08	06/20/08	EPA 8015B-SVOA	Q1
<i>Surrogate: n-Octacosane</i>		61 %	40-120		"	"	"	"	

ETIC Engineering Inc - Pleasant Hill (Exxon) 2285 Morello Avenue Pleasant Hill CA, 94523	Project: Exxon 7-4121 Project Number: 7-4121 Project Manager: Erik Appel	MRF0339 Reported: 06/26/08 13:38
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Volatile Organic Compounds by EPA Method 8260B
TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1 (MRF0339-01) Water Sampled: 06/11/08 07:15 Received: 06/11/08 19:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	8F18002	06/18/08	06/18/08	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	0.99	0.50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		<i>101 %</i>		<i>80-120</i>	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>109 %</i>		<i>75-130</i>	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		<i>100 %</i>		<i>80-120</i>	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>98 %</i>		<i>70-120</i>	"	"	"	"	
MW2 (MRF0339-02) Water Sampled: 06/11/08 07:40 Received: 06/11/08 19:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	8F18002	06/18/08	06/18/08	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		<i>99 %</i>		<i>80-120</i>	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>106 %</i>		<i>75-130</i>	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		<i>103 %</i>		<i>80-120</i>	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>101 %</i>		<i>70-120</i>	"	"	"	"	

ETIC Engineering Inc - Pleasant Hill (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon 7-4121
Project Number: 7-4121
Project Manager: Erik Appel

MRF0339
Reported:
06/26/08 13:38

Volatile Organic Compounds by EPA Method 8260B TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW3 (MRF0339-03) Water Sampled: 06/11/08 08:40 Received: 06/11/08 19:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	8F18002	06/18/08	06/18/08	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		101 %		80-120	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %		75-130	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		100 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95 %		70-120	"	"	"	"	
MW5 (MRF0339-04) Water Sampled: 06/11/08 08:10 Received: 06/11/08 19:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	8F18002	06/18/08	06/18/08	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		101 %		80-120	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		109 %		75-130	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		96 %		70-120	"	"	"	"	

ETIC Engineering Inc - Pleasant Hill (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon 7-4121
Project Number: 7-4121
Project Manager: Erik Appel

MRF0339
Reported:
06/26/08 13:38

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control TestAmerica Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 8F16003 - EPA 5030B [P/T]									
Blank (8F16003-BLK1)					Prepared & Analyzed: 06/16/08				
Gasoline Range Organics (C4-C12)	ND	25	ug/l						
Benzene	ND	0.28	"						
Toluene	ND	0.25	"						
Ethylbenzene	ND	0.25	"						
Xylenes (total)	ND	0.37	"						
Surrogate: a,a,a-Trifluorotoluene	59.9		"	60.0		100	85-120		
Surrogate: 4-Bromofluorobenzene	55.0		"	60.0		92	75-125		
LCS (8F16003-BS1)					Prepared & Analyzed: 06/16/08				
Benzene	9.32	0.50	ug/l	10.0		93	70-130		
Toluene	9.33	0.50	"	10.0		93	70-130		
Ethylbenzene	8.95	0.50	"	10.0		89	70-130		
Xylenes (total)	27.3	0.50	"	30.0		91	70-130		
Surrogate: a,a,a-Trifluorotoluene	59.9		"	60.0		100	85-120		
LCS (8F16003-BS2)					Prepared & Analyzed: 06/16/08				
Gasoline Range Organics (C4-C12)	194	50	ug/l	250		78	70-130		
Surrogate: 4-Bromofluorobenzene	57.4		"	60.0		96	75-125		
LCS Dup (8F16003-BSD2)					Prepared & Analyzed: 06/16/08				
Gasoline Range Organics (C4-C12)	208	50	ug/l	250		83	70-130	7	25
Surrogate: 4-Bromofluorobenzene	57.8		"	60.0		96	75-125		
Matrix Spike (8F16003-MS1)					Source: MRF0338-01 Prepared & Analyzed: 06/16/08				
Gasoline Range Organics (C4-C12)	97.1	50	ug/l	91.0	ND	107	70-130		
Benzene	9.92	0.50	"	10.0	ND	99	70-130		
Toluene	9.92	0.50	"	10.0	ND	99	70-130		
Ethylbenzene	9.90	0.50	"	10.0	ND	99	70-130		
Xylenes (total)	29.8	0.50	"	30.0	ND	99	70-130		
Surrogate: a,a,a-Trifluorotoluene	60.3		"	60.0		101	85-120		
Surrogate: 4-Bromofluorobenzene	54.6		"	60.0		91	75-125		

ETIC Engineering Inc - Pleasant Hill (Exxon)
 2285 Morello Avenue
 Pleasant Hill CA, 94523

Project: Exxon 7-4121
 Project Number: 7-4121
 Project Manager: Erik Appel

MRF0339
 Reported:
 06/26/08 13:38

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control TestAmerica Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8F16003 - EPA 5030B [P/T]

Matrix Spike Dup (8F16003-MSD1)

Source: MRF0338-01

Prepared & Analyzed: 06/16/08

Gasoline Range Organics (C4-C12)	93.5	50	ug/l	91.0	ND	103	70-130	4	25	
Benzene	9.56	0.50	"	10.0	ND	96	70-130	4	25	
Toluene	9.59	0.50	"	10.0	ND	96	70-130	3	25	
Ethylbenzene	9.48	0.50	"	10.0	ND	95	70-130	4	25	
Xylenes (total)	28.9	0.50	"	30.0	ND	96	70-130	3	25	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	60.2		"	60.0		100	85-120			
Surrogate: 4-Bromofluorobenzene	55.0		"	60.0		92	75-125			

ETIC Engineering Inc - Pleasant Hill (Exxon) 2285 Morello Avenue Pleasant Hill CA, 94523	Project: Exxon 7-4121 Project Number: 7-4121 Project Manager: Erik Appel	MRF0339 Reported: 06/26/08 13:38
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Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B - Quality Control
TestAmerica Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 8F17025 - EPA 3510C									
Blank (8F17025-BLK1)					Prepared: 06/17/08 Analyzed: 06/23/08				
Diesel Range Organics (C10-C28)	ND	25	ug/l						
Surrogate: n-Octacosane	26.3		"	50.0		53 40-120			
LCS (8F17025-BS1)					Prepared: 06/17/08 Analyzed: 06/23/08				
Diesel Range Organics (C10-C28)	323	50	ug/l	500		65 45-120			
Surrogate: n-Octacosane	22.5		"	50.0		45 40-120			
LCS Dup (8F17025-BSD1)					Prepared: 06/17/08 Analyzed: 06/23/08				
Diesel Range Organics (C10-C28)	251	50	ug/l	500		50 45-120	25	25	
Surrogate: n-Octacosane	21.4		"	50.0		43 40-120			

ETIC Engineering Inc - Pleasant Hill (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon 7-4121
Project Number: 7-4121
Project Manager: Erik Appel

MRF0339
Reported:
06/26/08 13:38

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8F18002 - EPA 5030B P/T

Blank (8F18002-BLK1)

Prepared & Analyzed: 06/18/08

tert-Amyl methyl ether	ND	0.25	ug/l							
tert-Butyl alcohol	ND	10	"							
Di-isopropyl ether	ND	0.25	"							
1,2-Dibromoethane (EDB)	ND	0.25	"							
1,2-Dichloroethane	ND	0.25	"							
Ethyl tert-butyl ether	ND	0.40	"							
Methyl tert-butyl ether	ND	0.25	"							
<i>Surrogate: Dibromofluoromethane</i>	7.37		"	7.50		98	80-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	7.74		"	7.50		103	75-130			
<i>Surrogate: Toluene-d8</i>	7.47		"	7.50		100	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	7.08		"	7.50		94	70-120			

LCS (8F18002-BS1)

Prepared & Analyzed: 06/18/08

tert-Amyl methyl ether	9.83	0.50	ug/l	10.0		98	70-130			
tert-Butyl alcohol	195	20	"	200		98	70-130			
Di-isopropyl ether	10.9	0.50	"	10.0		109	70-130			
1,2-Dibromoethane (EDB)	9.88	0.50	"	10.0		99	70-130			
1,2-Dichloroethane	10.3	0.50	"	10.0		103	70-130			
Ethyl tert-butyl ether	10.1	0.50	"	10.0		101	70-130			
Methyl tert-butyl ether	9.83	0.50	"	10.0		98	70-130			
<i>Surrogate: Dibromofluoromethane</i>	7.66		"	7.50		102	80-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	7.80		"	7.50		104	75-130			
<i>Surrogate: Toluene-d8</i>	7.53		"	7.50		100	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	7.56		"	7.50		101	70-120			

Matrix Spike (8F18002-MS1)

Source: MRF0362-08

Prepared & Analyzed: 06/18/08

tert-Amyl methyl ether	10.1	0.50	ug/l	10.0	ND	101	70-130			
tert-Butyl alcohol	200	20	"	200	3.27	98	70-130			
Di-isopropyl ether	11.3	0.50	"	10.0	ND	113	70-130			
1,2-Dibromoethane (EDB)	9.80	0.50	"	10.0	ND	98	70-130			
1,2-Dichloroethane	10.5	0.50	"	10.0	ND	105	70-130			
Ethyl tert-butyl ether	10.4	0.50	"	10.0	ND	104	70-130			

TestAmerica Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

ETIC Engineering Inc - Pleasant Hill (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon 7-4121
Project Number: 7-4121
Project Manager: Erik Appel

MRF0339
Reported:
06/26/08 13:38

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8F18002 - EPA 5030B P/T

Matrix Spike (8F18002-MS1)

Source: MRF0362-08

Prepared & Analyzed: 06/18/08

Methyl tert-butyl ether	14.2	0.50	ug/l	10.0	4.35	98	70-130			
Surrogate: Dibromofluoromethane	7.70		"	7.50		103	80-120			
Surrogate: 1,2-Dichloroethane-d4	7.88		"	7.50		105	75-130			
Surrogate: Toluene-d8	7.56		"	7.50		101	80-120			
Surrogate: 4-Bromofluorobenzene	7.71		"	7.50		103	70-120			

Matrix Spike Dup (8F18002-MSD1)

Source: MRF0362-08

Prepared & Analyzed: 06/18/08

tert-Amyl methyl ether	10.3	0.50	ug/l	10.0	ND	103	70-130	1	25	
tert-Butyl alcohol	199	20	"	200	3.27	98	70-130	0.6	25	
Di-isopropyl ether	11.2	0.50	"	10.0	ND	112	70-130	0.4	25	
1,2-Dibromoethane (EDB)	10.1	0.50	"	10.0	ND	101	70-130	3	25	
1,2-Dichloroethane	10.6	0.50	"	10.0	ND	106	70-130	0.8	25	
Ethyl tert-butyl ether	10.5	0.50	"	10.0	ND	105	70-130	1	25	
Methyl tert-butyl ether	14.6	0.50	"	10.0	4.35	102	70-130	3	25	
Surrogate: Dibromofluoromethane	7.70		"	7.50		103	80-120			
Surrogate: 1,2-Dichloroethane-d4	7.89		"	7.50		105	75-130			
Surrogate: Toluene-d8	7.60		"	7.50		101	80-120			
Surrogate: 4-Bromofluorobenzene	7.72		"	7.50		103	70-120			

ETIC Engineering Inc - Pleasant Hill (Exxon)
2285 Morello Avenue
Pleasant Hill CA, 94523

Project: Exxon 7-4121
Project Number: 7-4121
Project Manager: Erik Appel

MRF0339
Reported:
06/26/08 13:38

Notes and Definitions

Q1 Does not match typical pattern
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

MH



Morgan Hill Division
885 Jarvis Drive
Morgan Hill, CA 95037

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



Consultant Name: ETIC ENGINEERING

TA Account #: 10236

Address: 2285 MORELLO AVE.

Invoice To: JENNIFER SEDLACHEK (XOMTM)

City/State/Zip: PLEASANT HILL, CA. 94523

Report To: eticlabreports@eticeng.com

ExxonMobil Territory Mgr: JENNIFER SEDLACHEK

PO #: 4509320596

Consultant Project Mgr: ERK APPEL

Project #: UP4121.1.6

Facility ID # 74121

Consultant Telephone Number: 925-602-4710 EXT.21

Fax No.: 925-602-4720

Site Address 10605 Foothill Boulevard

Sampler Name: (Print) TBALINDER SWIG

City, State, Zip Oakland, California

Sampler Signature: TBALINDER SWIG

Regulatory District (CA)

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative						Matrix					Analyze For:					RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	STD TAT	Fax Results		
							Ice	HNO ₃ (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H ₂ SO ₄ Plastic (Yellow Label)	H ₂ SO ₄ Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	TPH-G BY 8015B	TPH-D BY 8015B/8510 *					BTX BY 8021B	MTBE BY 8260B
01 MW1	06-11-08	0715	11				X	X					X					X	X	X	X	X					X	
02 MW2		0740	11				X	X					X					X	X	X	X	X					X	
03 MW3		0840	11				X	X					X					X	X	X	X	X					X	
04 MW5		0810	11				X	X					X					X	X	X	X	X					X	

Special Instructions: GLOBAL ID# T06001020383 EDF FILE REQUIRED
 * USE SILICAGEL CLEANUP FOR TPH-D ANALYSIS.
 ** OXYGENATES ARE: TBA, DIPE, ETBE, TAME, EDB, AND 1,2-DCA

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

Inquired by:	Date	Time	Received by:	Date	Time
<u>TBALINDER SWIG</u>	06-11-08	1300	<u>El Martinez</u>	06-11-08	1457
Shipped by:	Date	Time	Received by TestAmerica:	Date	Time
<u>El Martinez</u>	06-11-08	1245	<u>Quin George</u>	06-11-08	1945

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 specific instructions

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: ETIC ENGINEERING
 REC. BY (PRINT) LJM
 WORKORDER: MRP0339

DATE REC'D AT LAB: 6-11-08
 TIME REC'D AT LAB: 1945
 DATE LOGGED IN: 6/12/08

For Regulatory Purposes?
 DRINKING WATER
 WASTE WATER
 OTHER

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*								
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: <u>4.6°C</u> Correction Factor: <u>-1.0</u> Corrected Temp: <u>3.6°C</u> Is corrected temp 0-6°C? Yes / No** Exception (if any): Metals / Perchlorate / OFF on Ice or Problem COC									

COC Plus Gauge
 6-11-08

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION
 **CHECK SAMPLE PREP LOG IF NOT INDICATED