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Jennifer C. Sedlachek
Project Manager

ExxonMobil

December 18, 2008

RECEIVED

3:23 pm, Dec 19, 2008

Alameda County
Environmental Health

Ms. Barbara Jakub
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Subject: Former Mobil Station 04334, 2492 Castro Valley Boulevard, Castro Valley, California

Dear Ms. Jakub:

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

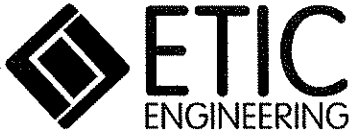
Sincerely,



Jennifer C. Sedlachek
Project Manager

Attachment: ETIC Groundwater Monitoring Report

- 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:
Mr. Bryan Campbell – ETIC Engineering, Inc.



**Report of Groundwater Monitoring
Fourth Quarter 2008**

**Former Mobil Station 04334
2492 Castro Valley Boulevard
Castro Valley, California**

Prepared for

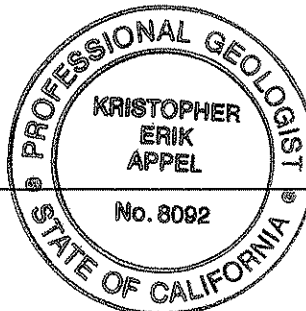
ExxonMobil Oil Corporation

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 "December 18, 2008".

Date

December 2008

INTRODUCTION

ETIC Engineering, Inc. (ETIC) has prepared this quarterly groundwater monitoring report for ExxonMobil Environmental Services Company on behalf of ExxonMobil Oil Corporation for the former Mobil Station 04334. 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 31 July 2008, the date of the previous monitoring event to 7 November 2008, the date of the most 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 04334
Site address:	2492 Castro Valley Boulevard, Castro Valley, California
Current property owner:	Cal Lube Real Estate Limited Partnership
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:	7 November 2008
Wells gauged and sampled:	MW1-MW4
Wells gauged only:	None
Groundwater flow direction:	Northwest
Groundwater gradient:	0.0074
Well screens submerged:	None
Well screens not submerged:	MW1, MW2, MW3, MW4
Liquid-phase hydrocarbons:	Not observed or detected
Laboratory:	TestAmerica, Inc., Morgan Hill, California

Analyses performed:

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

ADDITIONAL ACTIVITIES PERFORMED

ETIC received a letter from the Alameda County Health Care Services Agency (ACHCSA) dated 13 June 2008 requesting a work plan for the proposed offsite groundwater monitoring well. This work plan was submitted under separate cover in September 2008. The well will be installed as soon as access and permits are approved.

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 Contours

Figure 2: Site Map Showing 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

SITE CONTACTS

Site Name: Former Mobil Station 04334

Site Address: 2492 Castro Valley Boulevard
Castro Valley, 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: Barbara Jakub
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502
(510) 567-6700

Figures

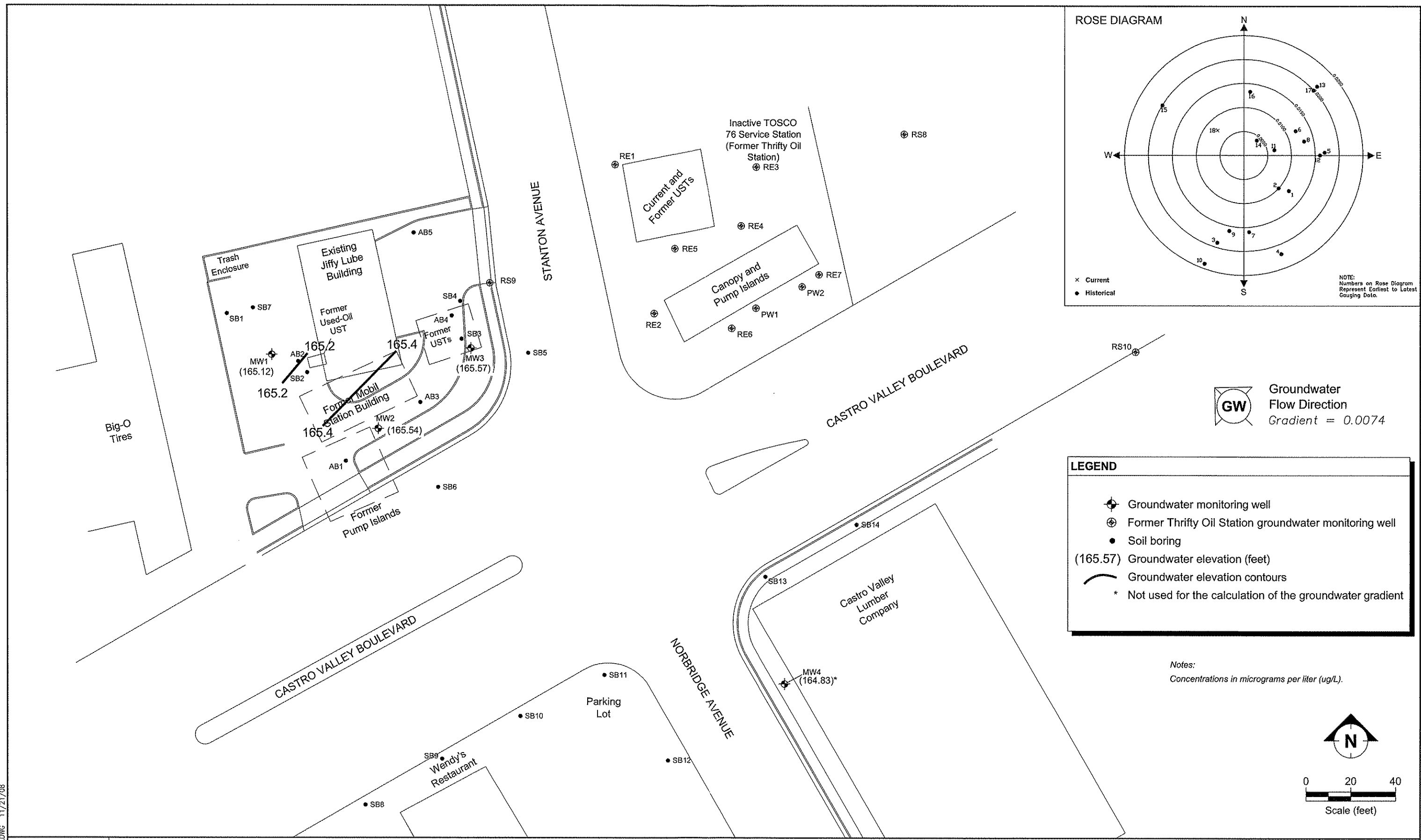
FILENAME: 402008.DWG 11/21/08



SITE MAP SHOWING GROUNDWATER ELEVATIONS AND CONTOURS
FORMER MOBIL STATION 04334
2492 CASTRO VALLEY BOULEVARD, CASTRO VALLEY, CALIFORNIA
7 NOVEMBER 2008

FIGURE:

1

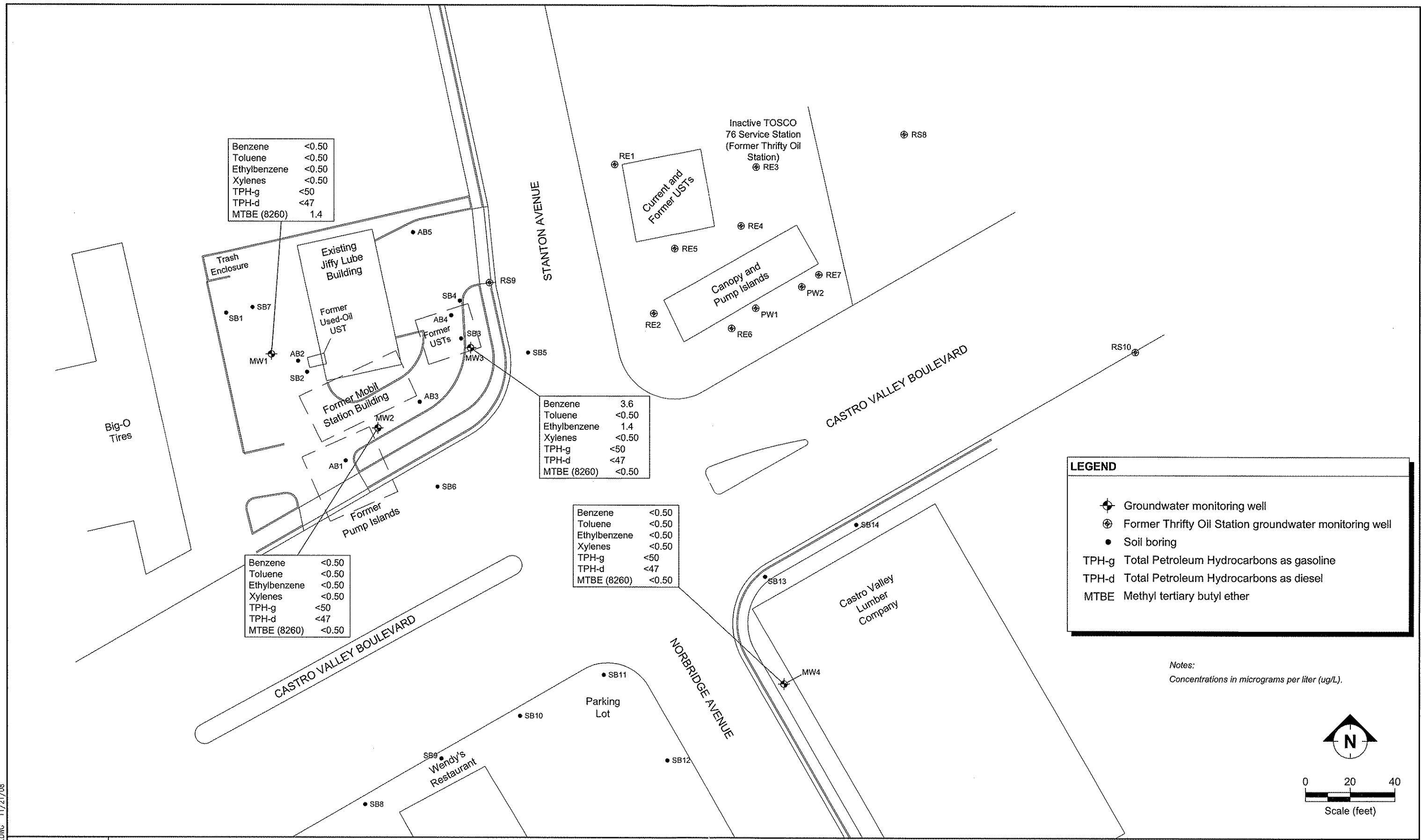


FILENAME: 402008.DWG 11/21/08



SITE MAP SHOWING ANALYTICAL RESULTS
FORMER MOBIL STATION 04334
2492 CASTRO VALLEY BOULEVARD, CASTRO VALLEY, CALIFORNIA
7 NOVEMBER 2008

FIGURE:
2



Tables

TABLE 1 WELL CONSTRUCTION DETAILS, FORMER MOBIL STATION 04334, 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

Notes:

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 04334, 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
MW1	08/01/07	173.23	8.00	165.23	3.02	4.18	0.89	3.96	90.8	<47	1.54 ^b
MW1	10/25/07	173.23	7.90	165.33	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	1.63 ^b
MW1	01/31/08	173.23	6.60	166.63	<0.50	<0.50	<0.50	<0.50	<50	<50	1.8 ^b
MW1	05/01/08	173.23	7.80	165.43	<1.00	<1.00	<1.00	<3.00	<50.0	<47.2	1.67 ^b
MW1	07/31/08	173.23	8.15	165.08	<0.50	<0.50	<0.50	<0.50	<50	<47	1.7 ^b
MW1	11/07/08	173.23	8.11	165.12	<0.50	<0.50	<0.50	<0.50	<50	<47	1.4^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

TABLE 2 GROUNDWATER MONITORING DATA, FORMER MOBIL STATION 04334, 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
MW2	11/06/06	173.63	6.98	166.65	<0.50	<0.50	<0.50	<0.50	<50.0	<46.9	<0.50 ^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
MW2	05/01/07	173.63	7.51	166.12	<0.50	<0.50	<0.50	<0.50	<50.0	<46.9	<0.50 ^b
MW2	08/01/07	173.63	8.12	165.51	<0.50	<0.50	<0.50	<0.50	<50.0	<47	<0.50 ^b
MW2	10/25/07	173.63	7.79	165.84	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	<0.50 ^b
MW2	01/31/08	173.63	5.89	167.74	<0.50	<0.50	<0.50	<0.50	<50	<50	0.82 ^b
MW2	05/01/08	173.63	7.81	165.82	<1.00	<1.00	<1.00	<3.00	<50.0	<47.2	<0.50 ^b
MW2	07/31/08	173.63	8.30	165.33	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50 ^b
MW2	11/07/08	173.63	8.09	165.54	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50^b
MW3	a 08/13/04	171.91	5.36	166.55	100	2.0	187	59.6	1,440	352	<0.5 ^b
MW3	11/09/04	171.91	4.80	167.11	188	3.6	242	20.0	1,690	461	<0.5 ^b
MW3	02/16/05	171.91	3.10	168.81	66.2	1.4	61.1	12.6	575	269	<0.5 ^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
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	<0.50 ^b
MW3	11/06/06	171.91	4.11	167.80	60.0	1.04	47.3	3.09	561	106	<0.50 ^b
MW3	02/21/07	171.91	4.94	166.97	35.1	<0.50	45.4	1.09	483	125	<0.50 ^b
MW3	05/01/07	171.91	5.86	166.05	32.5	1.63	28.7	1.53	539	120	<0.50 ^b
MW3	08/01/07	171.91	7.54	164.37	1.26	0.60	<0.50	<0.50	89.2	<47	<0.50 ^b
MW3	10/25/07	171.91	6.30	165.61	2.94	<0.50	<0.50	<0.50	50.4	<47.2	<0.50 ^b
MW3	01/31/08	171.91	3.75	168.16	10	<0.50	11	<0.50	120	51 ^d	<0.50 ^b
MW3	05/01/08	171.91	6.60	165.31	2.38	<1.00	<1.00	<3.00	<50.0	<47.2	<0.50 ^b
MW3	07/31/08	171.91	7.77	164.14	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50 ^b

TABLE 2 GROUNDWATER MONITORING DATA, FORMER MOBIL STATION 04334, 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	11/07/08	171.91	6.34	165.57	3.6	<0.50	1.4	<0.50	<50	<47	<0.50^b
MW4	a 08/13/04	170.48	6.10	164.38	<0.5	0.8	<0.5	1.1	<50	72	2.80 ^b
MW4	11/09/04	170.48	5.54	164.94	<0.5	2.3	0.7	1.5	<50	<50	2.10 ^b
MW4	02/16/05	170.48	5.11	165.37	<0.5	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
MW4	05/01/07	170.48	5.66	164.82	<0.50	<0.50	<0.50	<0.50	<50.0	<46.9	<0.50 ^b
MW4	08/01/07	170.48	6.06	164.42	0.85	<0.50	<0.50	0.97	<50.0	<47	<0.870 ^b
MW4	10/25/07	170.48	5.34	165.14	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	<0.500 ^b
MW4	01/31/08	170.48	5.05	165.43	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50 ^b
MW4	05/01/08	170.48	5.86	164.62	<1.00	<1.00	<1.00	<3.00	<50.0	<47.2	<0.500 ^b
MW4	07/31/08	170.48	6.10	164.38	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50 ^b
MW4	11/07/08	170.48	5.65	164.83	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50^b

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

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.

d Does not match typical pattern.

MTBE Methyl tertiary butyl ether.

TABLE 2 GROUNDWATER MONITORING DATA, FORMER MOBIL STATION 04334, 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
TPH-d	Total Petroleum Hydrocarbons as diesel.										
TPH-g	Total Petroleum Hydrocarbons as gasoline.										
µg/L	Micrograms per liter.										

TABLE 3 GROUNDWATER MONITORING PLAN, FORMER MOBIL STATION 04334,
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

Notes:

- BTEX Benzene, toluene, ethylbenzene, and xylenes.
- MTBE Methyl tertiary butyl ether.
- Q Quarterly.
- TPH-d Total Petroleum Hydrocarbons as diesel.
- TPH-g Total Petroleum Hydrocarbons as gasoline.

Appendix A
Field Protocols

PROTOCOLS FOR QUARTERLY GROUNDWATER MONITORING

GROUNDWATER GAUGING

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

WELL PURGING

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

GROUNDWATER SAMPLING

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

Appendix B

Field Documents



MONITORING WELL DATA FORM

Client: **Former Exxon 04334**

Date: *11-07-08*

Project Number: **UP04334.1.6**

Station Number: **04334**

Site Location: **2492 Castro Valley Boulevard,
Castro Valley, California**

Samplers: *BINDER*

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	<i>08.11</i>					19.71	2"
MW2	<i>08.09</i>					20.20	2"
MW3	<i>6.34</i>					19.97	2"
MW4	<i>5.65</i>					14.20	2"



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Exxon 04334 Well No: MW1 Date: 11-07-08
 Project No: UP04-334.1.6 Personnel: TSI/DET

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)				
	19.71	-	08.11	=	11.60	X	1	2	4	6	1.85	=	5.56
					0.04	0.16	0.64	1.44					

PURGING DATA

Purge Method: WATERB / BAILER / SUB

Purge Rate:

GPM

Time	0948	0950	0952			
Volume Purge (gal)	2.00	4.00	6.00			
Temperature (C)	21.6	21.9	22.0			
pH	7.45	7.14	7.13			
Spec Cond. (umhos)	857	951	942			
Turbidity/Color	SLTY CLEAR	SLTY CLEAR	SLTY CLEAR			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 1000

Approximate Depth to Water During Sampling: 9. (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	NONE HCL	1L	/	TPH-D
					/	

Total Purge Volume: 6 (gallons)

Disposal:

SYSTEM

Weather Conditions: ok

BOLTS Y / N

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

CAP & LOCK Y / N

Well Head Conditions Requiring Correction: NONE

GROUT Y / N

Problems Encountered During Purging and Sampling: NONE

WELL BOX. Y / N

Comments:

SECURED Y / N



GROUNDWATER PURGE AND SAMPLE FORM

Engineering, Inc.

Project Name: Exxon 04334	Well No: MW2	Date: 11-07-08
Project No: UP04-334.1.6	Personnel: <u>BINDER</u>	

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	- 08.09	= 12.11	X 1	2	4	6	1.93
				0.04	0.16	0.64	1.44		

PURGING DATA

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

Time	1024	1027	1030			
Volume Purge (gal)	2.00	4.00	6.00			
Temperature (C)	22.0	22.2	22.0			
pH	6.95	6.93	6.98			
Spec. Cond. (umhos)	837	880	878			
Turbidity/Color	<u>SIFTY CLEAR</u>	<u>CLEAR NONE</u>	<u>CLEAR NONE</u>			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 1035 Approximate Depth to Water During Sampling: 9. (feet)

Comments:

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

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

Weather Conditions: OK BOLTS Q / N

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

Well Head Conditions Requiring Correction: NONE GROUT Q / N

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

Comments: SECURED Q / N

Project Name: Exxon 04334 Well No: MW3 Date: 11-07-08
 Project No: UP04-334.1.6 Personnel: B. ALDER

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	-	6.34	=	1363	X	1	0.04	0.16	0.64	1.44	2.18	=

PURGING DATA

Purge Method: WATER / BAILER / SUB

Purge Rate: GPM

Time	1052	1053	1055			
Volume Purge (gal)	2.50	5.00	7.50			
Temperature (C)	21.4	21.5	21.1			
pH	7.10	7.04	7.00			
Spec. Cond. (umhos)	995	965	967			
Turbidity/Color	SMTY CLEAR	SMTY CLEAR	SMTY CLEAR			
Odor (Y/N)	N	N	N			
Casing Volumes	1	2	3			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 1100

Approximate Depth to Water During Sampling: 7 (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	NOTE: HCL	1L		TPH-D

Total Purge Volume: 7.5 (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: N/A

GROUT / N

Problems Encountered During Purging and Sampling: N/A

WELL BOX. / N

Comments:

SECURED / N

Project Name: Exxon 04334	Well No: MW4	Date: 11-07-08
Project No: UP04-334.1.6	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	5.65	8.55	X 1	2	4	6	1.36
				0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: WATERRA / BAILER SUB Purge Rate: GPM

Time	0828	0831	0834			
Volume Purge (gal)	1.5	3.0	4.50			
Temperature (C)	18.7	19.5	20.1			
pH	7.21	7.18	7.36			
Spec. Cond. (umhos)	760	799	825			
Turbidity/Color	SILTY BROWN	SILTY BROWN	SILTY 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: 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	NONE HCL	1L		TPH-D

Total Purge Volume: 45 (gallons) Disposal: SYSTEM

Weather Conditions: OK BOLTS Y / N

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

Well Head Conditions Requiring Correction: NONE GROUT Y / N

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

Comments: SECURED Y / N

Appendix C

Laboratory Analytical Reports and Chain-of-Custody Documentation

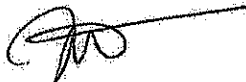
20 November, 2008

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

RE: Exxon 04-334
Work Order: MRK0265

Enclosed are the results of analyses for samples received by the laboratory on 11/07/08 20:00. The samples arrived at a temperature of 6° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Megan Tran
VOA

CA ELAP Certificate #2682

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

Project: Exxon 04-334
Project Number: 04-334
Project Manager: Erik Appel

MRK0265
Reported:
11/20/08 15:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1	MRK0265-01	Water	11/07/08 10:00	11/07/08 20:00
MW2	MRK0265-02	Water	11/07/08 10:35	11/07/08 20:00
MW3	MRK0265-03	Water	11/07/08 11:00	11/07/08 20:00
MW4	MRK0265-04	Water	11/07/08 08:40	11/07/08 20:00

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

Project: Exxon 04-334
Project Number: 04-334
Project Manager: Erik Appel

MRK0265
Reported:
11/20/08 15:18

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1 (MRK0265-01) Water Sampled: 11/07/08 10:00 Received: 11/07/08 20:00									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8K11001	11/11/08	11/11/08	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		111 %		85-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89 %		75-125	"	"	"	"	
MW2 (MRK0265-02) Water Sampled: 11/07/08 10:35 Received: 11/07/08 20:00									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8K11001	11/11/08	11/11/08	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		111 %		85-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89 %		75-125	"	"	"	"	
MW3 (MRK0265-03) Water Sampled: 11/07/08 11:00 Received: 11/07/08 20:00									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8K11001	11/11/08	11/11/08	EPA 8015B/8021B	
Benzene	3.6	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	1.4	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		112 %		85-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95 %		75-125	"	"	"	"	

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

Project: Exxon 04-334
Project Number: 04-334
Project Manager: Erik Appel

MRK0265
Reported:
11/20/08 15:18

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW4 (MRK0265-04) Water Sampled: 11/07/08 08:40 Received: 11/07/08 20:00									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8K11001	11/11/08	11/11/08	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		112 %		85-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91 %		75-125	"	"	"	"	

ETIC Engineering Inc - Pleasant Hill (Exxon) 2285 Morello Avenue Pleasant Hill CA, 94523	Project: Exxon 04-334 Project Number: 04-334 Project Manager: Erik Appel	MRK0265 Reported: 11/20/08 15:18
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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 (MRK0265-01) Water Sampled: 11/07/08 10:00 Received: 11/07/08 20:00									
Diesel Range Organics (C10-C28)	ND	47	ug/l	1	8K13010	11/13/08	11/14/08	EPA 8015B-SVOA	
<i>Surrogate: n-Octacosane</i>		75 %	35-120		"	"	"	"	
MW2 (MRK0265-02) Water Sampled: 11/07/08 10:35 Received: 11/07/08 20:00									
Diesel Range Organics (C10-C28)	ND	47	ug/l	1	8K13010	11/13/08	11/14/08	EPA 8015B-SVOA	
<i>Surrogate: n-Octacosane</i>		73 %	35-120		"	"	"	"	
MW3 (MRK0265-03) Water Sampled: 11/07/08 11:00 Received: 11/07/08 20:00									
Diesel Range Organics (C10-C28)	ND	47	ug/l	1	8K13010	11/13/08	11/14/08	EPA 8015B-SVOA	
<i>Surrogate: n-Octacosane</i>		78 %	35-120		"	"	"	"	
MW4 (MRK0265-04) Water Sampled: 11/07/08 08:40 Received: 11/07/08 20:00									
Diesel Range Organics (C10-C28)	ND	47	ug/l	1	8K13010	11/13/08	11/14/08	EPA 8015B-SVOA	
<i>Surrogate: n-Octacosane</i>		79 %	35-120		"	"	"	"	

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

Project: Exxon 04-334
Project Number: 04-334
Project Manager: Erik Appel

MRK0265
Reported:
11/20/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1 (MRK0265-01) Water Sampled: 11/07/08 10:00 Received: 11/07/08 20:00									
Methyl tert-butyl ether	1.4	0.50	ug/l	1	8K15002	11/15/08	11/15/08	EPA 8260B	
Surrogate: Dibromofluoromethane		112 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		100 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90 %	70-120		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		104 %	75-130		"	"	"	"	
MW2 (MRK0265-02) Water Sampled: 11/07/08 10:35 Received: 11/07/08 20:00									
Methyl tert-butyl ether	ND	0.50	ug/l	1	8K19010	11/19/08	11/19/08	EPA 8260B	
Surrogate: Dibromofluoromethane		89 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		95 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87 %	70-120		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		96 %	75-130		"	"	"	"	
MW3 (MRK0265-03) Water Sampled: 11/07/08 11:00 Received: 11/07/08 20:00									
Methyl tert-butyl ether	ND	0.50	ug/l	1	8K15002	11/15/08	11/15/08	EPA 8260B	
Surrogate: Dibromofluoromethane		114 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		101 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93 %	70-120		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		108 %	75-130		"	"	"	"	
MW4 (MRK0265-04) Water Sampled: 11/07/08 08:40 Received: 11/07/08 20:00									
Methyl tert-butyl ether	ND	0.50	ug/l	1	8K15002	11/15/08	11/15/08	EPA 8260B	
Surrogate: Dibromofluoromethane		113 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		99 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92 %	70-120		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		107 %	75-130		"	"	"	"	

ETIC Engineering Inc - Pleasant Hill (Exxon) 2285 Morello Avenue Pleasant Hill CA, 94523	Project: Exxon 04-334 Project Number: 04-334 Project Manager: Erik Appel	MRK0265 Reported: 11/20/08 15:18
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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
Batch 8K11001 - EPA 5030B [P/T]										
Blank (8K11001-BLK1)					Prepared & Analyzed: 11/11/08					
Gasoline Range Organics (C4-C12)	ND	25	ug/l							
Benzene	ND	0.25	"							
Toluene	ND	0.25	"							
Ethylbenzene	ND	0.25	"							
Xylenes (total)	ND	0.42	"							
Surrogate: a,a,a-Trifluorotoluene	44.7		"	40.0		112	85-120			
Surrogate: 4-Bromofluorobenzene	35.6		"	40.0		89	75-125			
LCS (8K11001-BS1)					Prepared & Analyzed: 11/11/08					
Benzene	10.0	0.50	ug/l	10.0		100	70-130			
Toluene	10.2	0.50	"	10.0		102	70-130			
Ethylbenzene	10.0	0.50	"	10.0		100	70-130			
Xylenes (total)	31.1	0.50	"	30.0		104	70-130			
Surrogate: a,a,a-Trifluorotoluene	44.4		"	40.0		111	85-120			
LCS (8K11001-BS2)					Prepared & Analyzed: 11/11/08					
Gasoline Range Organics (C4-C12)	209	50	ug/l	250		84	70-130			
Surrogate: 4-Bromofluorobenzene	39.1		"	40.0		98	75-125			
LCS Dup (8K11001-BSD2)					Prepared & Analyzed: 11/11/08					
Gasoline Range Organics (C4-C12)	224	50	ug/l	250		90	70-130	7	25	
Surrogate: 4-Bromofluorobenzene	39.0		"	40.0		97	75-125			
Matrix Spike (8K11001-MS1)					Source: MRK0066-18 Prepared & Analyzed: 11/11/08					
Gasoline Range Organics (C4-C12)	113	50	ug/l	91.0	ND	124	70-130			
Benzene	10.3	0.50	"	10.0	ND	103	70-130			
Toluene	10.4	0.50	"	10.0	ND	104	70-130			
Ethylbenzene	10.5	0.50	"	10.0	ND	105	70-130			
Xylenes (total)	32.3	0.50	"	30.0	ND	108	70-130			
Surrogate: a,a,a-Trifluorotoluene	44.8		"	40.0		112	85-120			
Surrogate: 4-Bromofluorobenzene	40.2		"	40.0		101	75-125			

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

Project: Exxon 04-334
Project Number: 04-334
Project Manager: Erik Appel

MRK0265
Reported:
11/20/08 15:18

**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 8K11001 - EPA 5030B [P/T]

Matrix Spike Dup (8K11001-MSD1)

Source: MRK0066-18

Prepared & Analyzed: 11/11/08

Gasoline Range Organics (C4-C12)	96.4	50	ug/l	91.0	ND	106	70-130	16	25	
Benzene	9.91	0.50	"	10.0	ND	99	70-130	4	25	
Toluene	10.1	0.50	"	10.0	ND	101	70-130	4	25	
Ethylbenzene	10.1	0.50	"	10.0	ND	101	70-130	4	25	
Xylenes (total)	31.1	0.50	"	30.0	ND	104	70-130	4	25	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	44.7		"	40.0		112	85-120			
Surrogate: 4-Bromofluorobenzene	36.9		"	40.0		92	75-125			

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

Project: Exxon 04-334
Project Number: 04-334
Project Manager: Erik Appel

MRK0265
Reported:
11/20/08 15:18

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B - Quality Control TestAmerica Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8K13010 - EPA 3510C										
Blank (8K13010-BLK1)										
					Prepared: 11/13/08 Analyzed: 11/14/08					
Diesel Range Organics (C10-C28)	25.3553	25	ug/l							
Surrogate: n-Octacosane	36.0		"	50.0		72	35-120			
LCS (8K13010-BS1)										
					Prepared: 11/13/08 Analyzed: 11/14/08					
Diesel Range Organics (C10-C28)	298	50	ug/l	500		60	45-120			
Surrogate: n-Octacosane	28.3		"	50.0		57	35-120			
Matrix Spike (8K13010-MS1)										
					Source: MRK0340-10 Prepared: 11/13/08 Analyzed: 11/14/08					
Diesel Range Organics (C10-C28)	334	47	ug/l	472	18.6	67	20-120			
Surrogate: n-Octacosane	32.3		"	47.2		69	35-120			
Matrix Spike Dup (8K13010-MSD1)										
					Source: MRK0340-10 Prepared: 11/13/08 Analyzed: 11/14/08					
Diesel Range Organics (C10-C28)	304	47	ug/l	472	18.6	61	20-120	9	25	
Surrogate: n-Octacosane	30.4		"	47.2		64	35-120			

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

Project: Exxon 04-334
Project Number: 04-334
Project Manager: Erik Appel

MRK0265
Reported:
11/20/08 15:18

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
Batch 8K15002 - EPA 5030B P/T										
Blank (8K15002-BLK1)					Prepared & Analyzed: 11/15/08					
Methyl tert-butyl ether	ND	0.25	ug/l							
Surrogate: Dibromofluoromethane	8.00		"	7.50		107	80-120			
Surrogate: Toluene-d8	7.46		"	7.50		99	80-120			
Surrogate: 4-Bromofluorobenzene	6.76		"	7.50		90	70-120			
Surrogate: 1,2-Dichloroethane-d4	7.18		"	7.50		96	75-130			
LCS (8K15002-BS1)					Prepared & Analyzed: 11/15/08					
Methyl tert-butyl ether	8.18	0.50	ug/l	10.0		82	70-130			
Surrogate: Dibromofluoromethane	8.23		"	7.50		110	80-120			
Surrogate: Toluene-d8	7.62		"	7.50		102	80-120			
Surrogate: 4-Bromofluorobenzene	7.08		"	7.50		94	70-120			
Surrogate: 1,2-Dichloroethane-d4	7.17		"	7.50		96	75-130			
Matrix Spike (8K15002-MS1)					Source: MRK0277-17 Prepared & Analyzed: 11/15/08					
Methyl tert-butyl ether	9.25	0.50	ug/l	10.0	ND	92	70-130			
Surrogate: Dibromofluoromethane	8.53		"	7.50		114	80-120			
Surrogate: Toluene-d8	7.63		"	7.50		102	80-120			
Surrogate: 4-Bromofluorobenzene	7.37		"	7.50		98	70-120			
Surrogate: 1,2-Dichloroethane-d4	7.98		"	7.50		106	75-130			
Matrix Spike Dup (8K15002-MSD1)					Source: MRK0277-17 Prepared & Analyzed: 11/15/08					
Methyl tert-butyl ether	9.55	0.50	ug/l	10.0	ND	96	70-130	3	25	
Surrogate: Dibromofluoromethane	8.53		"	7.50		114	80-120			
Surrogate: Toluene-d8	7.67		"	7.50		102	80-120			
Surrogate: 4-Bromofluorobenzene	7.25		"	7.50		97	70-120			
Surrogate: 1,2-Dichloroethane-d4	7.85		"	7.50		105	75-130			

ETIC Engineering Inc - Pleasant Hill (Exxon) 2285 Morello Avenue Pleasant Hill CA, 94523	Project: Exxon 04-334 Project Number: 04-334 Project Manager: Erik Appel	MRK0265 Reported: 11/20/08 15:18
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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
Batch 8K19010 - EPA 5030B P/T										
Blank (8K19010-BLK1)					Prepared & Analyzed: 11/19/08					
Methyl tert-butyl ether	ND	0.25	ug/l							
Surrogate: Dibromofluoromethane	6.71		"	7.50		89	80-120			
Surrogate: Toluene-d8	7.20		"	7.50		96	80-120			
Surrogate: 4-Bromofluorobenzene	6.65		"	7.50		89	70-120			
Surrogate: 1,2-Dichloroethane-d4	6.93		"	7.50		92	75-130			
LCS (8K19010-BS1)					Prepared & Analyzed: 11/19/08					
Methyl tert-butyl ether	9.48	0.50	ug/l	10.0		95	70-130			
Surrogate: Dibromofluoromethane	6.84		"	7.50		91	80-120			
Surrogate: Toluene-d8	7.37		"	7.50		98	80-120			
Surrogate: 4-Bromofluorobenzene	7.39		"	7.50		99	70-120			
Surrogate: 1,2-Dichloroethane-d4	7.10		"	7.50		95	75-130			
Matrix Spike (8K19010-MS1)					Source: MRK0365-14 Prepared & Analyzed: 11/19/08					
Methyl tert-butyl ether	9.44	0.50	ug/l	10.0	ND	94	70-130			
Surrogate: Dibromofluoromethane	6.97		"	7.50		93	80-120			
Surrogate: Toluene-d8	7.34		"	7.50		98	80-120			
Surrogate: 4-Bromofluorobenzene	7.41		"	7.50		99	70-120			
Surrogate: 1,2-Dichloroethane-d4	7.31		"	7.50		97	75-130			
Matrix Spike Dup (8K19010-MSD1)					Source: MRK0365-14 Prepared & Analyzed: 11/19/08					
Methyl tert-butyl ether	9.86	0.50	ug/l	10.0	ND	99	70-130	4	25	
Surrogate: Dibromofluoromethane	7.15		"	7.50		95	80-120			
Surrogate: Toluene-d8	7.47		"	7.50		100	80-120			
Surrogate: 4-Bromofluorobenzene	7.49		"	7.50		100	70-120			
Surrogate: 1,2-Dichloroethane-d4	7.42		"	7.50		99	75-130			

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

Project: Exxon 04-334
Project Number: 04-334
Project Manager: Erik Appel

MRK0265
Reported:
11/20/08 15:18

Notes and Definitions

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



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 #: 4509318711
 Consultant Project Mgr: ERK APPEL Project #: UP04334.1.6 Facility ID # 4334
 Consultant Telephone Number: 925-602-4710 EXT.21 Fax No.: 925-602-4720 Site Address 2492 CASTRO VALLEY BLVD
 Sampler Name: (Print) BAGINDER SINGH City, State, Zip CASTRO VALLEY, CA. 94546
 Sampler Signature: [Signature] 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/3510 *	BTEX BY 8021B	MTBE BY 8260B				
01 MW1	11-07-08	1000	8				X	X					X				X	X	X	X								X
02 MW2		1035	8				X	X					X				X	X	X	X								X
03 MW3		1100	8				X	X					X				X	X	X	X								X
04 MW4		0840	8				X	X					X				X	X	X	X								X
Special Instructions: * USE SILICAGEL CLEANUP FOR TPH-D ANALYSIS.							GLOBAL ID# T0600101278							EDF FILE REQUIRED							Laboratory Comments: Temperature Upon Receipt: 5.5°C Sample Containers Intact? <input checked="" type="checkbox"/> N VOCs Free of Headspace? <input checked="" type="checkbox"/> 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 specific instructions							
Relinquished by:		Date	Time	Received By:		Date	Time																					
<u>[Signature]</u>		11-07-08	16:30	<u>[Signature]</u>		11-7-08	17:00																					
Relinquished by:		Date	Time	Received by TestAmerica:		Date	Time																					
<u>[Signature]</u>		11-7-08	09:00	<u>[Signature]</u>		11/7/08	2000																					

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: ETIC ENGIN.
 REC. BY (PRINT) LM
 WORKORDER: MRK0265

DATE REC'D AT LAB: 11/7/08
 TIME REC'D AT LAB: 2000
 DATE LOGGED IN: 11/10/08

For Regulatory Purposes?
 DRINKING WATER
 WASTE WATER
 OTHER

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	PH**	SAMPLE MATRIX	DATE SAMPLED	Temp. >6°C	REMARKS: CONDITION
1. Custody Seal(s) Present / <input checked="" type="radio"/> Absent Intact / Broken*	01	MW1	IL AMBER	—	—	W	11/7/08	—	
2. Chain-of-Custody <input checked="" type="radio"/> Present / Absent*	↓	↓	VDA (C)	HCl	↓	↓	↓	↓	
3. Traffic Reports or Packing List: Present / <input checked="" type="radio"/> Absent	02	MW2	> SAME AS MW1						
	03	MW3							
	04	MW4							
4. Airbill / Sticker - Present / <input checked="" type="radio"/> Absent Tracking #									
5. Sample Condition: <input checked="" type="radio"/> Intact / Leaking* / Broken*									
6. Samples labeled <input checked="" type="radio"/> Yes / No*									
7. Sample ID's listed on COC <input checked="" type="radio"/> Yes / No*									
8. Does information on COC and sample labels agree? <input checked="" type="radio"/> Yes / No*									
9. Sample received within hold time: <input checked="" type="radio"/> Yes / No*									
10. Adequate sample volume received <input checked="" type="radio"/> Yes / No*									
11. Proper preservatives used <input checked="" type="radio"/> Yes / No*									
12. Trip Blank / Temp Blank Received? (circle which if yes) Yes / <input checked="" type="radio"/> No									
13. Thermometer Used : IR-1 / <input checked="" type="radio"/> R-2 / Backup									
14. Cooler RT*** CF*** CT***									
1	6.8°C	-1.0	5.8°C						
2									
3									
4									
5									
15. Is/Are corrected temp 0-6°C? <input checked="" type="radio"/> Yes / No*									

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

**CHECK SAMPLE PREP LOG IF NOT INDICATED

*** Read Temperature/Correction Factor/Corrected Temperature