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Alameda County
Environmental Health

Jennifer C. Sedlachek
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ExxonMobil
Refining & Supply

April 2, 2007

Mr. Barney Chan
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, CA 94501-6577

Subject: Former Exxon RAS #7-0210, 7840 Amador Valley Boulevard, Dublin, California

Dear Mr. Chan:

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

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

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

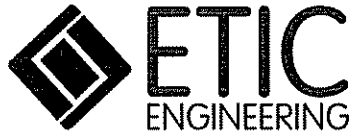
Sincerely,



Jennifer C. Sedlachek
Project Manager

Attachment: ETIC Groundwater Monitoring Report dated April 2007

- c: w/ attachment:
Mr. Robert Ehlers - Valero Energy Corporation (pdf copy via email to <julie.johns@valero.com>)
- c: w/o attachment:
Ms. Christa Marting - ETIC Engineering, Inc.



**Report of Groundwater Monitoring
First Quarter 2007**

**Former Exxon Retail Site 7-0210
7840 Amador Valley Boulevard
Dublin, 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

A handwritten signature in black ink that reads "Ted Moise".

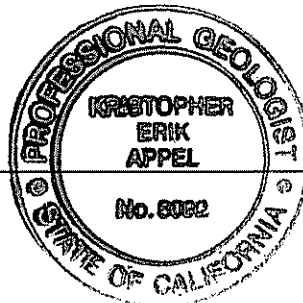
Ted Moise
Senior Project Manager

4/2/07

Date

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

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



4/2/07

Date

April 2007

SITE CONTACTS

Station Number: Former Exxon Retail Site 7-0210

Station Address: 7840 Amador Valley Boulevard
Dublin, California

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

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

ETIC Project Manager: Ted Moise

Regulatory Oversight: Barney Chan
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94501-6577
(510) 567-6700

INTRODUCTION

At the request of ExxonMobil Oil Corporation, ETIC Engineering, Inc. has prepared this quarterly groundwater monitoring report for former Exxon Retail Site 7-0210. 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 8 November 2006, the date of the last monitoring event, until 2 February 2007, the date of the recent monitoring event. Groundwater monitoring results, well construction details, and a groundwater monitoring plan are provided in the attached figures and tables. Groundwater monitoring protocols, field data, and analytical results are provided in the attached appendixes.

GENERAL SITE INFORMATION

Site name:	Former Exxon Retail Site 7-0210
Site address:	7840 Amador Valley Boulevard, Dublin, California
Current property owner:	Dublin Valero, Inc.
Current site use:	Active Valero-branded station operated by Dublin Valero, Inc.
Current phase of project:	Groundwater monitoring
Tanks at site:	Three underground storage tanks (gasoline)
Number of wells:	3 (all onsite)

GROUNDWATER MONITORING SUMMARY

Gauging and sampling date:	2 February 2007
Wells gauged and sampled:	MW5-MW7
Wells gauged only:	None
Groundwater flow direction:	Southeast
Groundwater gradient:	0.0033
Well screens submerged:	None
Well screens not submerged:	MW5-MW7
Liquid-phase hydrocarbons:	Not observed or detected
Laboratory:	TestAmerica, Inc., Nashville, Tennessee

Analyses performed:

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

ADDITIONAL ACTIVITIES PERFORMED

A Case Closure Request was submitted in June 2006.

WORK PROPOSED FOR NEXT QUARTER

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

Attachments:

Figure 1: Site Plan Showing Groundwater Elevations and Analytical Results

Table 1: Well Construction Details

Table 2: Groundwater Monitoring Data

Table 3: Groundwater Monitoring Plan

Appendix A: Field Protocols

Appendix B: Field Documents

Appendix C: Laboratory Analytical Reports

Figures

LEGEND:

- ⊕ Groundwater Monitoring Well
- ⊗ Destroyed Well
- ⊙ Soil Boring/Groundwater Sampling Location
- (339 56) Groundwater Elevation (feet)
- TPH-g Total Petroleum Hydrocarbons as gasoline
- TPH-d Total Petroleum Hydrocarbons as diesel
- MTBE Methyl Tertiary Butyl Ether



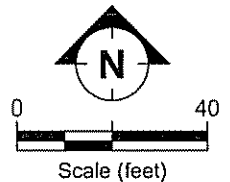
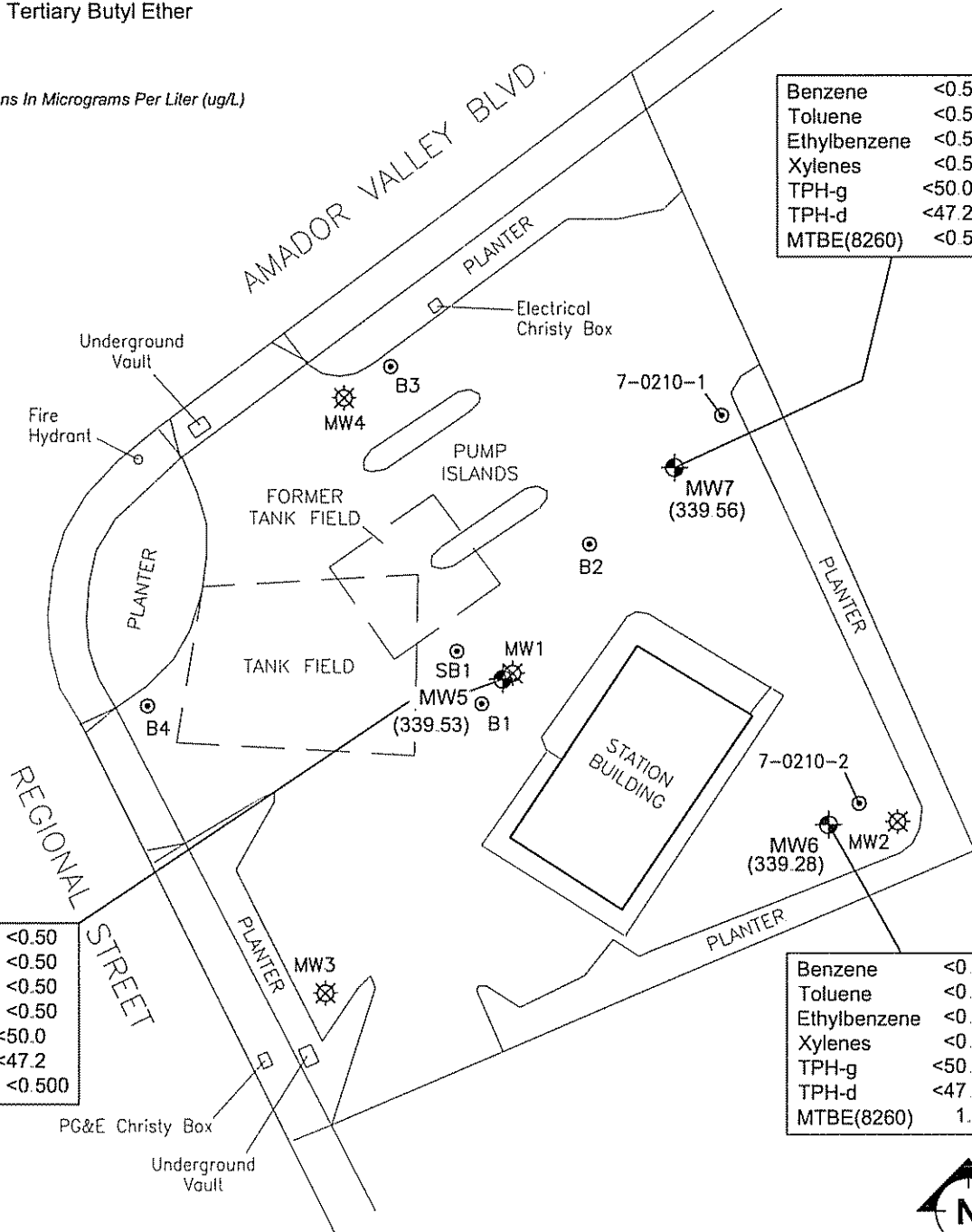
Groundwater
Flow Direction
Gradient = 0.0033

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

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<0.50
TPH-g	<50.0
TPH-d	<47.2
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

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<0.50
TPH-g	<50.0
TPH-d	<47.2
MTBE(8260)	1.32



FILENAME: 102007.DWG 03/02/07



SITE PLAN SHOWING GROUNDWATER ELEVATIONS
AND ANALYTICAL RESULTS
FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BLVD., DUBLIN, CA.
2 FEBRUARY 2007

FIGURE:

1

Tables

TABLE 1 WELL CONSTRUCTION DETAILS, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, 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	04/14/92	96.32	PVC	26.5	24.75	10.25	4	11-24	0.010	10-25	--
MW2	a	05/13/92	95.91	PVC	26	25	10.25	4	10-25	0.010	9.5-26	--
MW3	a	05/14/92	97.95	PVC	28	27.75	10.25	4	12.5-27.5	0.010	11-28	--
MW4	a	05/14/92	96.69	PVC	26.5	25	10.25	4	12-25	0.010	11-26	--
MW5	b	11/15/00	352.95	PVC	25	25	8.25	2	10-25	0.020	7-25	#3 sand
MW6	b	11/14/00	352.69	PVC	27	25	8.25	2	10-25	0.020	8-27	#3 sand
MW7	b	11/14/00	351.87	PVC	26	25	8.25	2	10-25	0.020	7-25	#3 sand

a Well was destroyed April 1996.
 b Elevation is based on the Alameda Benchmark AM-STW. Elevation = 344.17 feet.
 PVC Polyvinyl chloride.
 TOC Top of casing.
 -- Information not available.

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Concentration (µg/L)								
						Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE	Ethanol	Other Oxygenates and Additives
MW1	05/21/92	96.32	14.45	81.87	0.00	<0.5	<0.5	<0.5	<0.5	<50				NA
MW1	02/10/93	96.32	12.22	84.10	0.00	3.1	<0.5	1.8	0.6	2,600				NA
MW1	05/20/93	96.32	10.74	85.58	0.00	1.9	<0.5	1.8	<1.0	1,000				NA
MW1	06/23/93	96.32	11.74	84.58	0.00	1.0	<0.5	1.2	<0.5	1,300				NA
MW1	08/23/93	96.32	12.72	83.60	0.00	<0.5	<0.5	<0.5	0.8	80				NA
MW1	10/25/93	96.32	13.99	82.33	0.00	<0.5	<0.5	0.8	1.3	140				NA
MW1	02/16/94	96.32	14.90	81.42	0.00	<0.5	<0.5	<0.5	<0.5	<50				NA
MW1	04/16/94	96.32	14.49	81.83	0.00	<0.5 ^b	<0.5	<0.5	<0.5	190				NA
MW1	07/26/94	96.32	15.11	81.21	0.00	<0.5 ^b	<0.5	<0.5	<0.5	130				NA
MW1	10/05/94	96.32	15.69	80.63	0.00	<0.5	<0.5	<0.5	<0.5	<50				NA
MW1	01/04/95	96.32	14.66	81.66	0.00	<0.5	<0.5	<0.5	<0.5	<50				NA
MW1	06/12/95	96.32	10.08	86.24	0.00	<0.5	<0.5	<0.5	<0.5	<50				230
MW1	Well destroyed April 1996.													
MW2	05/21/92	95.91	14.30	81.61	0.00	<0.5	<0.5	<0.5	<0.5	<50				NA
MW2	02/10/93	95.91	12.34	83.57	0.00	<0.5	<0.5	<0.5	<0.5	<50				NA
MW2	05/20/93	95.91	10.73	85.18	0.00	<0.5	<0.5	<0.5	<1.0	320				NA
MW2	06/23/93	95.91	11.74	84.17	0.00	<0.5	<0.5	<0.5	<0.5	130				NA
MW2	08/23/93	95.91	12.60	83.31	0.00	<0.5	<0.5	<0.5	1.1	140				NA
MW2	10/25/93	95.91	13.86	82.05	0.00	<0.5	<0.5	0.5	2.4	75				NA
MW2	02/16/94	95.91	14.73	81.18	0.00	<0.5	<0.5	<0.5	<0.5	<50				NA
MW2	04/16/94	95.91	14.33	81.58	0.00	<0.5	<0.5	<0.5	<0.5	<50				NA
MW2	07/26/94	95.91	14.96	80.95	0.00	<0.5	<0.5	<0.5	<0.5	<50				NA
MW2	10/05/94	95.91	15.49	80.42	0.00	<0.5	<0.5	<0.5	<0.5	<50				NA
MW2	01/04/95	95.91	14.44	81.47	0.00	<0.5	<0.5	<0.5	<0.5	<50				NA
MW2	06/12/95	95.91	10.10	85.81	0.00	<0.5	<0.5	<0.5	<0.5	<50				59

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Concentration (µg/L)							
						Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE	Ethanol
MW2	Well destroyed April 1996.												
MW3	05/21/92	97.95	16.05	81.90	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW3	02/10/93	97.95	13.77	84.18	0.00	<0.5	<0.5	<0.5	0.7	<50		NA	
MW3	05/20/93	97.95	12.32	85.63	0.00	<0.5	<0.5	<0.5	<1.0	<50		NA	
MW3	06/23/93	97.95	13.34	84.61	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW3	08/23/93	97.95	14.30	83.65	0.00	2.3	1.2	1.4	4.1	<50		NA	
MW3	10/25/93	97.95	15.62	82.33	0.00	NS	NS	NS	NS	NS		NS	
MW3	02/16/94	97.95	16.48	81.47	0.00	NS	NS	NS	NS	NS		NS	
MW3	04/16/94	97.95	16.61	81.34	0.00	NS	NS	NS	NS	NS		NS	
MW3	07/26/94	97.95	16.72	81.23	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW3	10/05/94	97.95	17.33	80.62	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW3	01/04/95	97.95	16.29	81.66	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW3	06/12/95	97.95	11.67	86.28	0.00	<0.5	<0.5	<0.5	<0.5	<50		<2.5	
MW3	Well destroyed April 1996.												
MW4	05/21/92	96.69	14.59	82.10	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW4	02/10/93	96.69	12.30	84.39	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW4	05/20/93	96.69	10.75	85.94	0.00	1.4	1.0	<0.5	1.8	<50		NA	
MW4	06/23/93	96.69	11.78	84.91	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW4	08/23/93	96.69	12.82	83.87	0.00	<0.5	<0.5	<0.5	0.8	<50		NA	
MW4	10/25/93	96.69	14.10	82.59	0.00	NS	NS	NS	NS	NS		NS	
MW4	02/16/94	96.69	15.02	81.67	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW4	04/16/94	96.69	14.61	82.08	0.00	NS	NS	NS	NS	NS		NS	
MW4	07/26/94	96.69	15.23	81.46	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW4	10/05/94	96.69	15.85	80.84	0.00	<0.5	12	<0.5	<0.5	<50		NA	

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Concentration (µg/L)								
						Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE	Ethanol	Other Oxygenates and Additives
MW4	01/04/95	96.69	14.84	81.85	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW4	06/12/95	96.69	10.07	86.62	0.00	<0.5	<0.5	<0.5	<0.5	<50		<2.5		
MW4			Well destroyed April 1996.											
MW5	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION												
MW5	11/17/00	352.93	13.51	339.42	0.00	<0.5	<0.5	<0.5	2.46	240		1,500		
MW5	11/17/00	352.93										1,600 ^a		
MW5	02/02/01	352.93	13.81	339.12	0.00	<0.5	<0.5	<0.5	<0.5	110		1,400		
MW5	02/02/01	352.93										1,200 ^a		
MW5	05/09/01	352.93	12.20	340.73	0.00	<0.5	<0.5	<0.5	<0.5	<50		770 ^a	ND ^c	
MW5	09/12/01	352.93	13.84	339.09	0.00	<0.5	<0.5	<0.5	<0.5	100		760	NA	
MW5	09/12/01	352.93										800 ^a		
MW5	11/05/01	352.95	14.14	338.81	0.00	<0.5	<0.5	<0.5	0.61	70	86	510	NA	
MW5	11/05/01	352.95										420 ^a		
MW5	02/04/02	352.95	11.85	341.10	0.00	<0.5	<0.5	<0.5	<0.5	381	d	<50	630	NA
MW5	02/04/02	352.95										525 ^a		
MW5	04/26/02	352.95	11.75	341.20	0.00	<0.5	<0.5	<0.5	<0.5	322	d	<50	378	NA
MW5	04/26/02	352.95										312 ^a		
MW5	07/30/02	352.95	12.87	340.08	0.00	<0.5	<0.5	<0.5	<0.5	97.8	d	<50	126	NA
MW5	07/30/02	352.95										132 ^a		
MW5	11/05/02	352.95	14.13	338.82	0.00	<0.5	<0.5	<0.5	<0.5	74.2	d	<50	80.0	NA
MW5	11/05/02	352.95										96.4 ^a		
MW5	01/24/03	352.95	11.23	341.72	0.00	<0.5	<0.5	<0.5	<0.5	542	d	70	678	NA
MW5	01/24/03	352.95										509 ^a		
MW5	04/24/03	352.95	10.79	342.16	0.00	<0.5	<0.5	<0.5	<0.5	384	d	<50	522	NA
MW5	04/24/03	352.95										498 ^a		

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Concentration (µg/L)								Other Oxygenates and Additives	
						Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE	Ethanol		
MW5	08/05/03	352.95	12.24	340.71	0.00	<0.5	1.6	<0.5	1.3	282	d	<50	560	NA	
MW5	08/05/03	352.95											428 ^a		
MW5	10/17/03	352.95	13.64	339.31	0.00	<0.5	1.6	<0.5	0.9	229	d	<50	284	NA	
MW5	10/17/03	352.95											272 ^a		
MW5	01/28/04	352.95	12.41	340.54	0.00	<0.5	0.9	<0.5	1.1	283	d	NA ^c	485	NA	
MW5	01/28/04	352.95											453 ^a		
MW5	04/16/04	352.95	11.67	341.28	0.00	<0.5	<0.5	<0.5	<0.5	163	d	<50	200 ^a	<100 ^a	NA
MW5	08/03/04	352.95	13.39	339.56	0.00	<0.5	<0.5	<0.5	1.0	553	d	<50	92.8 ^a	<100 ^a	NA
MW5	11/04/04	352.95	13.17	339.78	0.00	<0.5	<0.5	<0.5	<0.5	117	d	<50	117 ^a	<100 ^a	ND ^c
MW5	02/16/05	352.95	10.81	342.14	0.00	<0.50	<0.5	<0.5	<0.5	<50.0	d	<50	43.2 ^a	<100 ^a	NA
MW5	05/16/05	352.95	9.92	343.03	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	29.5 ^a	<100 ^a	NA
MW5	08/17/05	352.95	11.84	341.11	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	2.29 ^a	<100 ^a	NA
MW5	11/17/05	352.95	13.77	339.18	0.00	<0.5	<0.5	<0.5	1.18	72.6	d	<50	1.02 ^a	<50 ^a	ND ^c
MW5	02/06/06	352.95	11.73	341.22	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	1.1 ^a	NA	ND ^c
MW5	05/03/06	352.95	9.44	343.51	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	d	<47	10.3 ^a	NA	ND ^c
MW5	08/04/06	352.95	11.91	341.04	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	d	<48.5	<0.500 ^a	NA	ND ^c
MW5	11/08/06	352.95	13.43	339.52	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	d	<47	<0.500 ^a	NA	ND ^c
MW5	02/02/07	352.95	13.42	339.53	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	d	<47.2	<0.500^a	NA	NA
MW6	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION													
MW6	11/17/00	352.66	13.47	339.19	0.00	<0.5	<0.5	<0.5	<0.5	<50			270		
MW6	11/17/00	352.66											260 ^a		
MW6	02/02/01	352.66	13.79	338.87	0.00	<0.5	<0.5	<0.5	<0.5	<50			160		
MW6	02/02/01	352.66											130 ^a		
MW6	05/09/01	352.66	12.25	340.41	0.00	<0.5	<0.5	<0.5	<0.5	<50			760 ^a	ND ^c	
MW6	09/12/01	352.66	13.83	338.83	0.00	<0.5	<0.5	<0.5	<0.5	<50			680	NA	

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Concentration (µg/L)									
						Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE	Ethanol	Other Oxygenates and Additives	
MW6	09/12/01	352.66										740 ^a			
MW6	11/05/01	352.69	14.11	338.58	0.00	<0.5	<0.5	<0.5	<0.5	<50	<50	390		NA	
MW6	11/05/01	352.69										320 ^a			
MW6	02/27/02	352.69	11.77	340.92	0.00	<5.0	<5.0	8.00	<5.0	1,380	d	NA	1,310	ND ^c	
MW6	02/27/02	352.69										1,410 ^a			
MW6	04/26/02	352.69	11.75	340.94	0.00	<0.5	<0.5	<0.5	<0.5	422	d	<50	482	NA	
MW6	04/26/02	352.69										430 ^a			
MW6	07/30/02	352.69	12.88	339.81	0.00	<2.5	<2.5	<2.5	<2.5	144	d	<50	166	NA	
MW6	07/30/02	352.69										185 ^a			
MW6	11/05/02	352.69	14.12	338.57	0.00	<0.5	<0.5	<0.5	<0.5	99.7	d	<50	114	NA	
MW6	11/05/02	352.69										118 ^a			
MW6	01/24/03	352.69	11.32	341.37	0.00	<0.5	<0.5	<0.5	<0.5	342	d	84	388	NA	
MW6	01/24/03	352.69										293 ^a			
MW6	04/24/03	352.69	10.84	341.85	0.00	<0.5	<0.5	<0.5	<0.5	370	d	<50	509	NA	
MW6	04/24/03	352.69										491 ^a			
MW6	08/05/03	352.69	12.25	340.44	0.00	<0.5	<0.5	<0.5	<0.5	967	d	<50	1,240	NA	
MW6	08/05/03	352.69										1,010 ^a			
MW6	10/17/03	352.69	13.63	339.06	0.00	<0.5	1.2	<0.5	0.5	476	d	<50	528	NA	
MW6	10/17/03	352.69										535 ^a			
MW6	01/28/04	352.69	12.40	340.29	0.00	<0.5	0.8	<0.5	0.9	154	d	<50	283	NA	
MW6	01/28/04	352.69										244 ^a			
MW6	04/16/04	352.69	11.68	341.01	0.00	<0.5	<0.5	<0.5	<0.5	219	d	<50	301 ^a	<100 ^a	NA
MW6	08/03/04	352.69	13.37	339.32	0.00	<0.5	<0.5	<0.5	<0.5	243	d	<50	62.3 ^a	<100 ^a	NA
MW6	11/04/04	352.69	13.13	339.56	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	25.0 ^a	<100 ^a	ND ^c
MW6	02/16/05	352.69	10.77	341.92	0.00	<0.50	0.8	<0.5	1.4	53.5	d	<50	52.3 ^a	<100 ^a	NA
MW6	05/16/05	352.69	9.98	342.71	0.00	<0.5	<0.5	<0.5	1.2	59.7	d	<50	30.1 ^a	<100 ^a	NA

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Concentration (µg/L)								Other Oxygenates and Additives	
						Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE	Ethanol		
MW6	08/17/05	352.69	11.84	340.85	0.00	<0.5	0.574	<0.5	0.843	<50	d	<50	4.21 ^a	<100 ^a	NA
MW6	11/17/05	352.69	13.70	338.99	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	1.45 ^a	<50 ^a	ND ^c
MW6	02/06/06	352.69	11.75	340.94	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	2.7 ^a	NA	ND ^c
MW6	05/03/06	352.69	9.55	343.14	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	d	<47	5.52 ^a	NA	ND ^c
MW6	08/04/06	352.69	11.89	340.80	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	d	<47.2	1.55 ^a	NA	ND ^c
MW6	11/08/06	352.69	13.42	339.27	0.00	<0.50	<0.50	<0.50	<0.50	61.3	d	<47	0.860 ^a	NA	ND ^c
MW6	02/02/07	352.69	13.41	339.28	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	d	<47.2	1.32^a	NA	NA
MW7	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION													
MW7	11/17/00	351.86	12.44	339.42	0.00	<0.5	<0.5	<0.5	<0.5	<50			<0.5		
MW7	02/02/01	351.86	12.74	339.12	0.00	<0.5	<0.5	<0.5	<0.5	<50			<0.5		
MW7	05/09/01	351.86	11.15	340.71	0.00	<0.5	<0.5	<0.5	<0.5	<50			<5 ^a		ND ^c
MW7	09/12/01	351.86	12.74	339.12	0.00	<0.5	<0.5	<0.5	<0.5	<50			<0.5		NA
MW7	11/05/01	351.87	13.07	338.80	0.00	<0.5	<0.5	<0.5	<0.5	<50		50	<0.5		NA
MW7	02/04/02	351.87	10.79	341.08	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	5.80		NA
MW7	02/04/02	351.87											1.4 ^a		
MW7	04/26/02	351.87	10.65	341.22	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	1.6		NA
MW7	07/30/02	351.87	11.77	340.10	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.5		NA
MW7	11/05/02	351.87	13.04	338.83	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.5		NA
MW7	01/24/03	351.87	10.19	341.68	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	106	<0.5		NA
MW7	04/24/03	351.87	9.76	342.11	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.5		NA
MW7	08/05/03	351.87	11.18	340.69	0.00	<0.5	1.6	<0.5	<0.5	<50	d	<50	<0.5		NA
MW7	10/17/03	351.87	12.54	339.33	0.00	<0.5	1.7	<0.5	0.9	<50	d	<50	<0.5		NA
MW7	01/28/04	351.87	11.33	340.54	0.00	<0.5	1.0	<0.5	0.9	<50	d	<50	<0.5		NA
MW7	04/16/04	351.87	10.57	341.30	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.5 ^a	<100 ^a	NA
MW7	08/03/04	351.87	12.30	339.57	0.00	<0.5	<0.5	<0.5	<0.5	94.0	d	<50	<0.5 ^a	<100 ^a	NA

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Concentration (µg/L)								Other Oxygenates and Additives	
						Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE	Ethanol		
MW7	11/04/04	351.87	12.08	339.79	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.5 ^a	<100 ^a	ND ^c
MW7	02/16/05	351.87	9.73	342.14	0.00	<0.50	<0.5	<0.5	<0.5	<50.0	d	<50	<0.50 ^a	<100 ^a	NA
MW7	05/16/05	351.87	8.87	343.00	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.50 ^a	<100 ^a	NA
MW7	08/17/05	351.87	10.73	341.14	0.00	<0.5	<0.5	<0.5	0.880	<50	d	<50	<0.50 ^a	<100 ^a	NA
MW7	11/17/05	351.87	12.63	339.24	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.50 ^a	<50 ^a	ND ^c
MW7	02/06/06	351.87	10.65	341.22	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.50 ^a	NA	ND ^c
MW7	05/03/06	351.87	8.45	343.42	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	d	<47	<1.00 ^a	NA	ND ^c
MW7	08/04/06	351.87	10.81	341.06	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	d	<47.2	<0.500 ^a	NA	ND ^c
MW7	11/08/06	351.87	12.36	339.51	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	d	<47	<0.500 ^a	NA	ND ^c
MW7	02/02/07	351.87	12.31	339.56	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	d	<47.2	<0.500^a	NA	NA

a Analysis by EPA Method 8260.

b A peak eluting earlier than benzene, suspected to be MTBE.

c Other oxygenates and additives include diisopropyl ether, t-butyl alcohol, tert-amyl methyl ether, tert-butyl ethyl ether, 1,2-dibromoethane, and 1,2-dichloroethane.

d TPH-g results beginning February 2002 include MTBE.

e Sample bottles broken in transit to laboratory.

LPH Liquid-phase hydrocarbons.

TPH-g Total Petroleum Hydrocarbons as gasoline.

TPH-d Total Petroleum Hydrocarbons as diesel.

MTBE Methyl tertiary butyl ether.

NA Not analyzed.

ND Not detected.

NS Not sampled.

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Concentration (µg/L)							Other Oxygenates and Additives
						Benzene	Toluene	Ethyl- benzene	Total Xylenes	TPH-g	TPH-d	MTBE	

µg/L Micrograms per liter.

TABLE 3 GROUNDWATER MONITORING PLAN,
FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Groundwater Gauging Frequency	Groundwater Sampling and Analysis Frequency		
		BTEX and TPH-g	TPH-d	MTBE
MW5	Q	Q	Q	Q
MW6	Q	Q	Q	Q
MW7	Q	Q	Q	Q

Q = Quarterly.

BTEX = Benzene, toluene, ethylbenzene, total xylenes.

TPH-g = Total Petroleum Hydrocarbons as gasoline.

TPH-d = Total Petroleum Hydrocarbons as diesel.

MTBE = Methyl tertiary butyl ether.

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



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 7-0210

Well No: MW5

Date: 12/11/13

Project No: UP0210 1

Personnel: B. A. J. / J. P.

GAUGING DATA

Water Level Measuring Method: WLM / IP

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
				1	2	4	6		
	50.0	13.42	36.58	0.04	0.16	0.64	1.44	1.0	50.0

PURGING DATA

Purge Method: WATERRA / SUB / BAILER

Time	07:30	08:42	09:30			
Volume Purge (gal)	5.0	5.0	5.0			
Temperature (C)	16.5	19.1	20.2			
pH	6.7	6.79	6.78			
Spec. Cond. (umhos)	361	374	392			
Turbidity/Color	5.4 NTU / Brown	5.1 NTU / Brown	5.0 NTU / Brown			
Odor (Y/N)	N	N	N			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 07:40

Approximate Depth to Water During Sampling: 14 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW5	6	VOA	HCL	40ML	/	SEE COC
MW5	2	AMBER	NONE	1 L	/	SEE COC
					/	

Total Purge Volume: (gallons)

Disposal: ROMIC

Weather Conditions: OK

BOLTS / N

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

LOCK & CAP / N

Well Head Conditions Requiring Correction: OK

GROUT / N

Problems Encountered During Purging and Sampling: None

WELL BOX / N

Comments:

WSECURED / N



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 7-0210

Well No: MW6

Date: 09-02-07

Project No: UP0210.1

Personnel: BINDER

GAUGING DATA

Water Level Measuring Method: WLM / IP

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)			
	2480	-	13.41	=	11.39	X	1	2	4	6	1.82	=
						0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: WATER / SUB / BAILER

Time	08:47	08:49				
Volume Purge (gal)	2.	4.	6.			
Temperature (C)	6.9	7.2	19.7			
pH	6.85	7.24	6.89			
Spec. Cond. (umhos)	853	851	871			
Turbidity/Color	SLTY / 13200	SLTY / 13200	SLTY / 13200			
Odor (Y/N)	N	N	N			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 08:55

Approximate Depth to Water During Sampling: 12.5 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW6	6	VOA	HCL	40ML	/	SEE COC
MW6	2	AMBER	NONE	1 L	/	SEE COC
					/	

Total Purge Volume: () (gallons)

Disposal: ROMIC

Weather Conditions:

BOLTS / N

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

LOCK & CAP / N

Well Head Conditions Requiring Correction: NONE

GROUT / N

Problems Encountered During Purging and Sampling: NONE

WELL BOX / N

Comments:

WSECURED / N



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 7-0210

Well No: MW7

Date: 02-02-2004

Project No: UP0210 1

Personnel: J. N. DEER

GAUGING DATA

Water Level Measuring Method: WLM / IP

Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	Depth to Water (feet)	Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)	Total Purge Volume (gal)
				1	2	4	6		
	33.15	13.0	20.15	X				1.81	5.04
				0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: WATERRA / SUB / BAILER

Time	Volume Purge (gal)	Temperature (C)	pH	Spec. Cond. (umhos)	Turbidity/Color	Odor (Y/N)	Dewatered (Y/N)
08:07	2	13.5	6.75	877	5.0 TV / 2600	N	N
08:09	2	13.2	6.70	880	5.0 TV / 2600	N	N
08:11	2	13.2	6.70	880	5.0 TV / 2600	N	N

Comments/Observations:

SAMPLING DATA

Time Sampled: 08:15 Approximate Depth to Water During Sampling: 13 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW7	6	VOA	HCL	40ML	/	SEE COC
MW7	2	AMBER	NONE	1 L	/	SEE COC

Total Purge Volume: 6 (gallons)

Disposal: ROMIC

Weather Conditions: 04

BOLTS (Y) / N

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

LOCK & CAP (Y) / N

Well Head Conditions Requiring Correction: NONE

GROUT (Y) / N

Problems Encountered During Purging and Sampling: NONE

WELL BOX (Y) / N

WSECURED (Y) / N

Comments:

Appendix C

Laboratory Analytical Reports

February 13, 2007 11:58:15AM

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

Work Order: NQB0495
Project Name: Exxon 7-0210
Project Nbr: 7-0210
P/O Nbr: 4508106660
Date Received: 02/06/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW5	NQB0495-01	02/02/07 07:40
MW6	NQB0495-02	02/02/07 08:55
MW7	NQB0495-03	02/02/07 08:15

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 accreditation.

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

California Certification Number: 01168CA

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

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

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Jim Hatfield

Project Management

Client ETIC Engineering Pleasant Hill (10236)
 2285 Morello Avenue
 Pleasant Hill, CA 94523
 Attn Ted Moise

Work Order: NQB0495
 Project Name: Exxon 7-0210
 Project Number: 7-0210
 Received: 02/06/07 07:40

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQB0495-01 (MW5 - Ground Water) Sampled: 02/02/07 07:40								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	0.50	1	02/07/07 20:11	SW846 8021B	7021205
Ethylbenzene	ND		ug/L	0.50	1	02/07/07 20:11	SW846 8021B	7021205
Toluene	ND		ug/L	0.50	1	02/07/07 20:11	SW846 8021B	7021205
Xylenes, total	ND		ug/L	0.50	1	02/07/07 20:11	SW846 8021B	7021205
<i>Surr. a.a.a-Trifluorotoluene (57-145%)</i>	<i>110 %</i>					<i>02/07/07 20:11</i>	<i>SW846 8021B</i>	<i>7021205</i>
Selected Volatile Organic Compounds by EPA Method 8260B								
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	02/08/07 06:22	SW846 8260B	7020959
<i>Surr. 1,2-Dichloroethane-d4 (62-142%)</i>	<i>76 %</i>					<i>02/08/07 06:22</i>	<i>SW846 8260B</i>	<i>7020959</i>
<i>Surr. Dibromofluoromethane (78-123%)</i>	<i>96 %</i>					<i>02/08/07 06:22</i>	<i>SW846 8260B</i>	<i>7020959</i>
<i>Surr. Toluene-d8 (79-120%)</i>	<i>99 %</i>					<i>02/08/07 06:22</i>	<i>SW846 8260B</i>	<i>7020959</i>
<i>Surr. 4-Bromofluorobenzene (75-133%)</i>	<i>89 %</i>					<i>02/08/07 06:22</i>	<i>SW846 8260B</i>	<i>7020959</i>
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	02/07/07 20:11	SW846 8015B	7021205
<i>Surr. a.a.a-Trifluorotoluene (63-134%)</i>	<i>110 %</i>					<i>02/07/07 20:11</i>	<i>SW846 8015B</i>	<i>7021205</i>
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		ug/L	47.2	1	02/07/07 13:08	SW846 8015B	7020911
<i>Surr. o-Terphenyl (33-147%)</i>	<i>74 %</i>					<i>02/07/07 13:08</i>	<i>SW846 8015B</i>	<i>7020911</i>
Sample ID: NQB0495-02 (MW6 - Ground Water) Sampled: 02/02/07 08:55								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	0.50	1	02/07/07 20:38	SW846 8021B	7021205
Ethylbenzene	ND		ug/L	0.50	1	02/07/07 20:38	SW846 8021B	7021205
Toluene	ND		ug/L	0.50	1	02/07/07 20:38	SW846 8021B	7021205
Xylenes, total	ND		ug/L	0.50	1	02/07/07 20:38	SW846 8021B	7021205
<i>Surr. a.a.a-Trifluorotoluene (57-145%)</i>	<i>113 %</i>					<i>02/07/07 20:38</i>	<i>SW846 8021B</i>	<i>7021205</i>
Selected Volatile Organic Compounds by EPA Method 8260B								
Methyl tert-Butyl Ether	1.32		ug/L	0.500	1	02/08/07 06:50	SW846 8260B	7020959
<i>Surr. 1,2-Dichloroethane-d4 (62-142%)</i>	<i>76 %</i>					<i>02/08/07 06:50</i>	<i>SW846 8260B</i>	<i>7020959</i>
<i>Surr. Dibromofluoromethane (78-123%)</i>	<i>95 %</i>					<i>02/08/07 06:50</i>	<i>SW846 8260B</i>	<i>7020959</i>
<i>Surr. Toluene-d8 (79-120%)</i>	<i>100 %</i>					<i>02/08/07 06:50</i>	<i>SW846 8260B</i>	<i>7020959</i>
<i>Surr. 4-Bromofluorobenzene (75-133%)</i>	<i>90 %</i>					<i>02/08/07 06:50</i>	<i>SW846 8260B</i>	<i>7020959</i>
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	02/07/07 20:38	SW846 8015B	7021205
<i>Surr. a.a.a-Trifluorotoluene (63-134%)</i>	<i>113 %</i>					<i>02/07/07 20:38</i>	<i>SW846 8015B</i>	<i>7021205</i>
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		ug/L	47.2	1	02/07/07 13:26	SW846 8015B	7020911
<i>Surr. o-Terphenyl (33-147%)</i>	<i>71 %</i>					<i>02/07/07 13:26</i>	<i>SW846 8015B</i>	<i>7020911</i>

Client ETIC Engineering Pleasant Hill (10236)
 2285 Morello Avenue
 Pleasant Hill, CA 94523
 Attn Ted Moise

Work Order: NQB0495
 Project Name: Exxon 7-0210
 Project Number: 7-0210
 Received: 02/06/07 07:40

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQB0495-03 (MW7 - Ground Water) Sampled: 02/02/07 08:15								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	0.50	1	02/07/07 21:04	SW846 8021B	7021205
Ethylbenzene	ND		ug/L	0.50	1	02/07/07 21:04	SW846 8021B	7021205
Toluene	ND		ug/L	0.50	1	02/07/07 21:04	SW846 8021B	7021205
Xylenes, total	ND		ug/L	0.50	1	02/07/07 21:04	SW846 8021B	7021205
<i>Surr: a.a.a-Trifluorotoluene (57-145%)</i>	<i>112 %</i>					<i>02/07/07 21:04</i>	<i>SW846 8021B</i>	<i>7021205</i>
Selected Volatile Organic Compounds by EPA Method 8260B								
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	02/08/07 07:19	SW846 8260B	7020959
<i>Surr: 1,2-Dichloroethane-d4 (62-142%)</i>	<i>78 %</i>					<i>02/08/07 07:19</i>	<i>SW846 8260B</i>	<i>7020959</i>
<i>Surr: Dibromofluoromethane (78-123%)</i>	<i>99 %</i>					<i>02/08/07 07:19</i>	<i>SW846 8260B</i>	<i>7020959</i>
<i>Surr: Toluene-d8 (79-120%)</i>	<i>101 %</i>					<i>02/08/07 07:19</i>	<i>SW846 8260B</i>	<i>7020959</i>
<i>Surr: 4-Bromofluorobenzene (75-133%)</i>	<i>89 %</i>					<i>02/08/07 07:19</i>	<i>SW846 8260B</i>	<i>7020959</i>
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	02/07/07 21:04	SW846 8015B	7021205
<i>Surr: a.a.a-Trifluorotoluene (63-134%)</i>	<i>112 %</i>					<i>02/07/07 21:04</i>	<i>SW846 8015B</i>	<i>7021205</i>
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		ug/L	47.2	1	02/07/07 13:44	SW846 8015B	7020911
<i>Surr: o-Terphenyl (33-147%)</i>	<i>73 %</i>					<i>02/07/07 13:44</i>	<i>SW846 8015B</i>	<i>7020911</i>

Client ETIC Engineering Pleasant Hill (10236)
2285 Morello Avenue
Pleasant Hill, CA 94523
Attn Ted Moise

Work Order: NQB0495
Project Name: Exxon 7-0210
Project Number: 7-0210
Received: 02/06/07 07:40

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	7020911	NQB0495-01	1060 00	1 00	02/06/07 15:39	LRW	EPA 3510C
SW846 8015B	7020911	NQB0495-02	1060 00	1 00	02/06/07 15:39	LRW	EPA 3510C
SW846 8015B	7020911	NQB0495-03	1060 00	1 00	02/06/07 15:39	LRW	EPA 3510C

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 2285 Morello Avenue
 Pleasant Hill, CA 94523
 Attn Ted Moise

Work Order: NQB0495
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 Project Number: 7-0210
 Received: 02/06/07 07:40

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						
7021205-BLK1						
Benzene	<0.37		ug/L	7021205	7021205-BL K1	02/07/07 19:35
Ethylbenzene	<0.21		ug/L	7021205	7021205-BL K1	02/07/07 19:35
Toluene	<0.41		ug/L	7021205	7021205-BL K1	02/07/07 19:35
Xylenes, total	<0.44		ug/L	7021205	7021205-BL K1	02/07/07 19:35
Surrogate: a.a.a-Trifluorotoluene	115%			7021205	7021205-BL K1	02/07/07 19:35
7021205-BLK2						
Benzene	<0.37		ug/L	7021205	7021205-BL K2	02/08/07 01:03
Ethylbenzene	<0.21		ug/L	7021205	7021205-BL K2	02/08/07 01:03
Toluene	<0.41		ug/L	7021205	7021205-BL K2	02/08/07 01:03
Xylenes, total	<0.44		ug/L	7021205	7021205-BL K2	02/08/07 01:03
Surrogate: a.a.a-Trifluorotoluene	116%			7021205	7021205-BL K2	02/08/07 01:03
Selected Volatile Organic Compounds by EPA Method 8260B						
7020959-BLK1						
Methyl tert-Butyl Ether	<0.190		ug/L	7020959	7020959-BL K1	02/08/07 00:10
Surrogate 1,2-Dichloroethane-d4	77%			7020959	7020959-BL K1	02/08/07 00:10
Surrogate Dibromofluoromethane	94%			7020959	7020959-BL K1	02/08/07 00:10
Surrogate Toluene-d8	101%			7020959	7020959-BL K1	02/08/07 00:10
Surrogate 4-Bromofluorobenzene	90%			7020959	7020959-BL K1	02/08/07 00:10
Purgeable Petroleum Hydrocarbons						
7021205-BLK1						
GRO as Gasoline	<33.0		ug/L	7021205	7021205-BL K1	02/07/07 19:35
Surrogate a.a.a-Trifluorotoluene	115%			7021205	7021205-BL K1	02/07/07 19:35
7021205-BLK2						
GRO as Gasoline	<33.0		ug/L	7021205	7021205-BL K2	02/08/07 01:03
Surrogate a.a.a-Trifluorotoluene	116%			7021205	7021205-BL K2	02/08/07 01:03
Extractable Petroleum Hydrocarbons with Silica Gel Treatment						
7020911-BLK1						
Diesel	<37.0		ug/L	7020911	7020911-BL K1	02/07/07 12:32
Surrogate o-Terphenyl	64%			7020911	7020911-BL K1	02/07/07 12:32

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 Received: 02/06/07 07:40

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								
7021205-BS1								
Benzene	100	86.1		ug/L	86%	72 - 132	7021205	02/08/07 05:55
Ethylbenzene	100	87.0		ug/L	87%	75 - 119	7021205	02/08/07 05:55
Toluene	100	83.7		ug/L	84%	71 - 121	7021205	02/08/07 05:55
Xylenes, total	300	254		ug/L	85%	73 - 122	7021205	02/08/07 05:55
Surrogate: <i>a.a.a</i> -Trifluorotoluene	30.0	34.8			116%	57 - 145	7021205	02/08/07 05:55
Selected Volatile Organic Compounds by EPA Method 8260B								
7020959-BS1								
Methyl tert-Butyl Ether	50.0	43.6		ug/L	87%	66 - 129	7020959	02/07/07 23:13
Surrogate: <i>1,2</i> -Dichloroethane- <i>d4</i>	50.0	38.1			76%	62 - 142	7020959	02/07/07 23:13
Surrogate: Dibromofluoromethane	50.0	46.8			94%	78 - 123	7020959	02/07/07 23:13
Surrogate: Toluene- <i>d8</i>	50.0	51.0			102%	79 - 120	7020959	02/07/07 23:13
Surrogate: 4-Bromofluorobenzene	50.0	44.7			89%	75 - 133	7020959	02/07/07 23:13
Purgeable Petroleum Hydrocarbons								
7021205-BS2								
GRO as Gasoline	1000	995		ug/L	100%	64 - 130	7021205	02/08/07 06:22
Surrogate: <i>a.a.a</i> -Trifluorotoluene	30.0	36.5			122%	63 - 134	7021205	02/08/07 06:22
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
7020911-BS1								
Diesel	1000	1070		ug/L	107%	38 - 123	7020911	02/07/07 12:50
Surrogate: <i>o</i> -Terphenyl	20.0	19.0			95%	33 - 147	7020911	02/07/07 12:50

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Work Order: NQB0495
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 Project Number: 7-0210
 Received: 02/06/07 07:40

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										
7021205-MS1										
Benzene	ND	45.9		ug/L	50.0	92%	72 - 133	7021205	NQB0495-01	02/08/07 12:07
Ethylbenzene	ND	51.9		ug/L	50.0	104%	75 - 137	7021205	NQB0495-01	02/08/07 12:07
Toluene	0.0800	48.5		ug/L	50.0	97%	71 - 127	7021205	NQB0495-01	02/08/07 12:07
Xylenes, total	0.0440	104		ug/L	100	104%	73 - 140	7021205	NQB0495-01	02/08/07 12:07
<i>Surrogate: a,a-Trifluorotoluene</i>		35.0		ug/L	30.0	117%	57 - 145	7021205	NQB0495-01	02/08/07 12:07
Selected Volatile Organic Compounds by EPA Method 8260B										
7020959-MS1										
Methyl tert-Butyl Ether	ND	44.7		ug/L	50.0	89%	54 - 143	7020959	NQB0495-01	02/08/07 09:42
<i>Surrogate: 1,2-Dichloroethane-d4</i>		39.1		ug/kg	50.0	78%	62 - 142	7020959	NQB0495-01	02/08/07 09:42
<i>Surrogate: Dibromofluoromethane</i>		49.7		ug/kg	50.0	99%	78 - 123	7020959	NQB0495-01	02/08/07 09:42
<i>Surrogate: Toluene-d8</i>		51.1		ug/kg	50.0	102%	79 - 120	7020959	NQB0495-01	02/08/07 09:42
<i>Surrogate: 4-Bromofluorobenzene</i>		44.6		ug/kg	50.0	89%	75 - 133	7020959	NQB0495-01	02/08/07 09:42

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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												
7021205-MSD1												
Benzene	ND	45.9		ug/L	50.0	92%	72 - 133	0	11	7021205	NQB0495-01	02/08/07 12:31
Ethylbenzene	ND	52.2		ug/L	50.0	104%	75 - 137	0.6	18	7021205	NQB0495-01	02/08/07 12:31
Toluene	0.0800	48.8		ug/L	50.0	97%	71 - 127	0.6	15	7021205	NQB0495-01	02/08/07 12:31
Xylenes, total	0.0440	104		ug/L	100	104%	73 - 140	0	14	7021205	NQB0495-01	02/08/07 12:31
<i>Surrogate: a.a.a-Trifluorotoluene</i>		34.8		ug/L	30.0	116%	57 - 145			7021205	NQB0495-01	02/08/07 12:31

Selected Volatile Organic Compounds by EPA Method 8260B

7020959-MSD1												
Methyl tert-Butyl Ether	ND	44.0		ug/L	50.0	88%	54 - 143	2	27	7020959	NQB0495-01	02/08/07 10:10
<i>Surrogate: 1,2-Dichloroethane-d4</i>		38.1		ug/kg	50.0	76%	62 - 142			7020959	NQB0495-01	02/08/07 10:10
<i>Surrogate: Dibromofluoromethane</i>		48.2		ug/kg	50.0	96%	78 - 123			7020959	NQB0495-01	02/08/07 10:10
<i>Surrogate: Toluene-d8</i>		51.6		ug/kg	50.0	103%	79 - 120			7020959	NQB0495-01	02/08/07 10:10
<i>Surrogate: 4-Bromofluorobenzene</i>		46.0		ug/kg	50.0	92%	75 - 133			7020959	NQB0495-01	02/08/07 10:10

Client EITC Engineering Pleasant Hill (10236)
2285 Morello Avenue
Pleasant Hill, CA 94523
Attn Ted Moise

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Received: 02/06/07 07:40

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

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

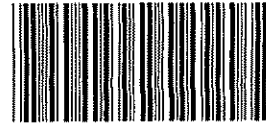
Client ETIC Engineering Pleasant Hill (10236)
2285 Morello Avenue
Pleasant Hill, CA 94523
Attn Ted Moise

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Project Name: Exxon 7-0210
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NELAC CERTIFICATION SUMMARY

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

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
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Nashville Division
COOLER RECEIPT FORM

BC#

NQB0495

Cooler Received/Opened On February 6, 2007 @ 0740

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 0432

Fedex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: 2.3 Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger ST

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

a. If yes, how many and where: 1 (front)

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

5. Were custody papers inside cooler? YES NO NA

I certify that I opened the cooler and answered questions 1-5 (initial) J

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

were these signed, and dated correctly? YES NO NA

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

Plastic bag Paper Other _____ None

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

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

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

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

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

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

I certify that I unloaded the cooler and answered questions 6-12 (initial) J

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 (initial) JR

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

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

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

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

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

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

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

BIS = Broken in shipment
Cooler Receipt Form

MW'S
1 liter
BIS

