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Refining & Supply Company
Global Remediation
4096 Piedmont Avenue #194
Oakland, CA 94611
510 547 8196
510 547 8706 FAX
jennifer.c.sedlachek@exxonmobil.com

Jennifer C. Sedlachek
Project Manager

ExxonMobil
Refining & Supply

January 13, 2006

RECEIVED

By loprojectop at 9:05 am, Jan 17, 2006

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

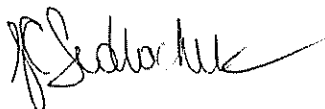
Dear Mr. Chan:

Attached for your review and comment is a copy of the *Report of Groundwater Monitoring, Fourth Quarter 2005* for the above-referenced site. The report, prepared by ETIC Engineering, Inc. of Pleasant Hill, California, details the results of the November 2005 sampling event.

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

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

Sincerely,



Jennifer C. Sedlachek
Project Manager

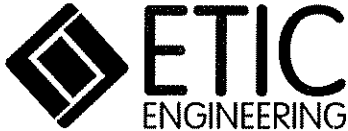
Attachment: ETIC Groundwater Monitoring Report dated January 2006

c: w/ attachment:
Mr. Joseph A. Aldridge - Valero Energy Corporation

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

RECEIVED

By loprojectop at 9:06 am, Jan 17, 2006



**Report of Groundwater Monitoring
Fourth Quarter 2005**

**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, appearing to read "Ted Moise".

1/12/06

Ted Moise
Senior Project Manager

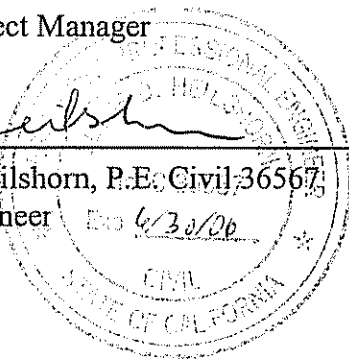
Date

A handwritten signature in black ink, appearing to read "Elyse D. Heilshorn".

1/12/06

Elyse D. Heilshorn, P.E. Civil 36567
Senior Engineer

Date



January 2006

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
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: 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 17 August 2005, the date of the last monitoring event, until 17 November 2005, 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:	17 November 2005
Wells gauged and sampled:	MW5-MW7
Wells gauged only:	None
Groundwater flow direction:	Southeast
Groundwater gradient:	0.003
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 and ethanol and selected oxygenates by EPA Method 8260B
- Ethyl t-butyl ether, t-amyl methyl ether, t-butyl alcohol, 1,2-dibromoethane, 1,2-dichloroethane, and diisopropyl ether by EPA Method 8260B

ADDITIONAL ACTIVITIES PERFORMED AT SITE

No additional activities were performed at the site.

WORK PROPOSED FOR NEXT QUARTER

Groundwater will be monitored in accordance with the attached groundwater monitoring plan. ExxonMobil plans to discuss site details with the Alameda County Health Care Services Agency concerning site closure.

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

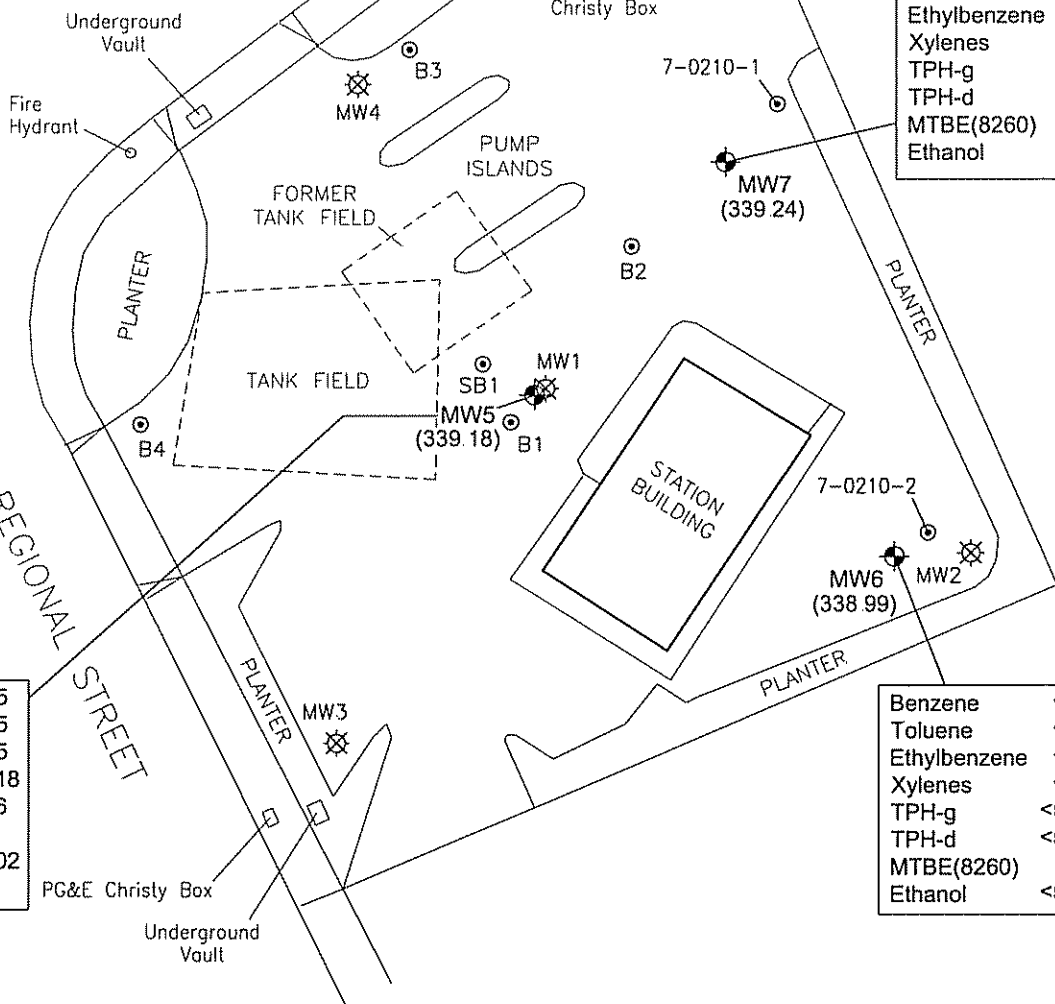
Figures



Groundwater
Flow Direction
Gradient = 0.003

AMADOR VALLEY BLVD.

REGIONAL STREET



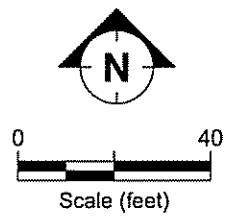
Benzene	<0.5
Toluene	<0.5
Ethylbenzene	<0.5
Xylenes	<0.5
TPH-g	<50
TPH-d	<50
MTBE(8260)	<0.5
Ethanol	<50

Benzene	<0.5
Toluene	<0.5
Ethylbenzene	<0.5
Xylenes	1.18
TPH-g	72.6
TPH-d	<50
MTBE(8260)	1.02
Ethanol	<50

Benzene	<0.5
Toluene	<0.5
Ethylbenzene	<0.5
Xylenes	<0.5
TPH-g	<50
TPH-d	<50
MTBE(8260)	1.45
Ethanol	<50

LEGEND

- GROUNDWATER MONITORING WELL LOCATION
- SOIL BORING / GROUNDWATER SAMPLING LOCATION
- DESTROYED GROUNDWATER MONITORING WELL
- (339.24) GROUNDWATER ELEVATION (FEET)
- TPH-g TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- TPH-d TOTAL PETROLEUM HYDROCARBONS AS DIESEL
- MTBE METHYL T-BUTYL ETHER



CONCENTRATIONS IN MICROGRAMS PER LITER (ug/L)

FILENAME: 402005.DWG 01/12/06



SITE PLAN SHOWING GROUNDWATER ELEVATIONS
AND ANALYTICAL RESULTS
FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BLVD., DUBLIN, CA.
17 NOVEMBER 2005

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)	Groundwater Concentrations (µg/L)					Other Oxygenates and Additives (µg/L)		
						Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE	Ethanol
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
MW2			Well destroyed April 1996.										

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)	Groundwater Concentrations (µg/L)					Other Oxygenates and Additives (µg/L)		
						Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d	MTBE	Ethanol
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
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

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)	Benzene				TPH-g (µg/L)	TPH-d (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Other Oxygenates and Additives (µg/L)
						Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)					
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		
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

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)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH-g (µg/L)	TPH-d (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Other	
														Oxygenates and Additives (µg/L)	
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
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	
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		

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)	Benzene				TPH-g (µg/L)	TPH-d (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Other Oxygenates and Additives (µg/L)	
						Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)						
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
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
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	

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)	Benzene		Ethyl-	Total	TPH-g (µg/L)	TPH-d (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Other	
						(µg/L)	(µg/L)	benzene (µg/L)	Xylenes (µg/L)					Oxygenates and Additives (µg/L)	
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
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

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.

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

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

MTBE Methyl tertiary butyl ether.

NA Not analyzed.

ND Not detected.

NS Not sampled.

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	Ethanol
MW5	Q	Q	Q	Q	Q
MW6	Q	Q	Q	Q	Q
MW7	Q	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: MN15 Date: 11/17/05
 Project No: UP0210.1 Personnel: Rick E

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)
		24.02	- 13.77	= 10.25	X 1	(2)	4	6	1.64
				0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: WATERRA / SUB / BAILER

Time	8:55	8:57	8:58			
Volume Purge (gal)	2	4	6			
Temperature (C)	20.5	21.3	21.4			
pH	6.94	6.94	6.92			
Spec. Cond. (umhos)	1370	1369	1362			
Turbidity/Color	<u>CLEAR/BROWN</u>	<u>CLEAR/BROWN</u>	<u>CLEAR/BROWN</u>			
Odor (Y/N)	N	N	N			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 1009 0900 Approximate Depth to Water During Sampling: 14 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
<u>MWS</u>	6	Voa	HCL	40 ml	/	TPH-g, BTEX, MTBE
<u>MWS</u>	2	Amber	None	1 L	/	TPH-d
					/	

Total Purge Volume: 6 (gallons) Disposal: ROMIC

Weather Conditions: OK BOLTS (Y) / N

Condition of Well Box and Casing at Time of Sampling: BROKEN EAR / NEEDS NEW WELL BOX LOCK & CAP (Y) / N

Well Head Conditions Requiring Correction: N GROUT (Y) / N

Problems Encountered During Purging and Sampling: N WELL BOX (Y) / N

Comments: WSECURED (Y) / N

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 7-0210 Well No: MWG Date: 11/17/05
 Project No: UP0210.1 Personnel: *S. Cole*

GAUGING DATA
 Water Level Measuring Method: WLM y 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)
		24.50	13.70	10.80	1 0.04	2 0.16	4 0.64	6 1.44	1.73

PURGING DATA
 Purge Method: WATERRA / SUB / BAILER

Time	8:28	8:30	8:31			
Volume Purge (gal)	2	4	6			
Temperature (C)	19.3	20.4	20.6			
pH	6.78	6.77	6.74			
Spec. Cond. (umhos)	1355	1357	1352			
Turbidity/Color	CLEAR/BROWN	CLEAR/BROWN	CLEAR/BROWN			
Odor (Y/N)	N	N	N			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA
 Time Sampled: 08:34 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
MWG	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE
MWG	2	Amber	HCL	1 L		TPH-d

Total Purge Volume: 6 (gallons) Disposal: ROMIC

Weather Conditions: OK BOLTS (Y) / N

Condition of Well Box and Casing at Time of Sampling: NEEDS WELL BOX ABOVE GROUND LOCK & CAP (Y) / N

Well Head Conditions Requiring Correction: N GROUT (Y) / N

Problems Encountered During Purging and Sampling: N WELL BOX (Y) / N

Comments: WSECURED (Y) / N

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 7-0210 Well No: MW7 Date: 11/17/05
 Project No: UP0210.1 Personnel: R. Clark

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)
		23.44	12.63	10.81	1 0.04	2 0.16	4 0.64	6 1.44	1.73

PURGING DATA
 Purge Method: WATERRA / SUB / BAILER

Time	8:02	8:03	8:05
Volume Purge (gal)	2	4	6
Temperature (C)	20.7	21.8	22.0
pH	6.85	6.74	6.75
Spec. Cond. (umhos)	1440	1424	1417
Turbidity/Color	CLEAR/NONE	CLEAR/NONE	CLEAR/NONE
Odor (Y/N)	N	N	N
Dewatered (Y/N)	N	N	N

Comments/Observations:

SAMPLING DATA
 Time Sampled: 8:07 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	40 ml		TPH-g, BTEX, MTBE
MW7	2	Amber	HCL	1 L		TPH-d

Total Purge Volume: 6 (gallons) Disposal: ROMIC

Weather Conditions: OK BOLTS (Y) / N
 Condition of Well Box and Casing at Time of Sampling: OK LOCK & CAP (Y) / N
 Well Head Conditions Requiring Correction: N GROUT (Y) / N
 Problems Encountered During Purging and Sampling: N WELL BOX (Y) / N
 Comments: WSECURED (Y) / N

Appendix C

Laboratory Analytical Reports

December 07, 2005

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

Work Order: NOK2580
Project Name: Exxon 7-0210 PO:4505802123
Project Nbr: 7-0210
Date Received: 11/19/05

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW5	NOK2580-01	11/17/05 09:00
MW6	NOK2580-02	11/17/05 08:34
MW7	NOK2580-03	11/17/05 08:07

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.

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California Certification Number: 01168CA

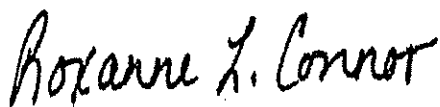
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DEC 13 2005

ETIC ENGINEERING

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

Report Approved By:



Roxanne Connor
Senior Project Manager

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

Work Order: NOK2580
 Project Name: Exxon 7-0210 PO:4505802123
 Project Number: 7-0210
 Received: 11/19/05 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NOK2580-01 (MW5 - Ground Water) Sampled: 11/17/05 09:00									
Volatile Organic Compounds by EPA Method 8021B									
Benzene	ND		ug/L	0.50	1	11/30/05 03:11	SW846 8021B	hw	5114884
Ethylbenzene	ND		ug/L	0.50	1	11/30/05 03:11	SW846 8021B	hw	5114884
Toluene	ND		ug/L	0.50	1	11/30/05 03:11	SW846 8021B	hw	5114884
Xylenes, total	1.18		ug/L	0.50	1	11/30/05 03:11	SW846 8021B	hw	5114884
Surrogate: a.a.a-Trifluorotoluene (63-134%)	128 %					11/30/05 03 11	SW846 8021B	hw	5114884
Oxygenates by EPA 8260B									
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	12/01/05 19:08	SW846 8260B	IHA	5114863
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	12/01/05 19:08	SW846 8260B	IHA	5114863
1,2-Dichloroethane	ND		ug/L	0.500	1	12/01/05 19:08	SW846 8260B	IHA	5114863
Ethanol	ND		ug/L	50.0	1	12/01/05 19:08	SW846 8260B	IHA	5114863
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	12/01/05 19:08	SW846 8260B	IHA	5114863
Isopropyl Ether	ND		ug/L	0.500	1	12/01/05 19:08	SW846 8260B	IHA	5114863
Methyl tert-Butyl Ether	1.02		ug/L	0.500	1	12/01/05 19:08	SW846 8260B	IHA	5114863
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	12/01/05 19:08	SW846 8260B	IHA	5114863
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	106 %					12/01/05 19 08	SW846 8260B	IHA	5114863
Surrogate: Dibromofluoromethane (79-122%)	101 %					12/01/05 19:08	SW846 8260B	IHA	5114863
Surrogate: Toluene-d8 (78-121%)	107 %					12/01/05 19 08	SW846 8260B	IHA	5114863
Surrogate: 4-Bromofluorobenzene (78-126%)	110 %					12/01/05 19 08	SW846 8260B	IHA	5114863
Extractable Petroleum Hydrocarbons									
Diesel	ND		ug/L	50.0	1	11/22/05 19:36	SW846 8015B	mcj	5113520
Surrogate: o-Terphenyl (55-150%)	83 %					11/22/05 19 36	SW846 8015B	mcj	5113520
Purgeable Petroleum Hydrocarbons									
GRO as Gasoline	72.6		ug/L	50.0	1	11/30/05 03:11	SW846 8015B	hw	5114884
Surrogate: a.a.a-Trifluorotoluene (63-134%)	128 %					11/30/05 03 11	SW846 8015B	hw	5114884
Sample ID: NOK2580-02 (MW6 - Ground Water) Sampled: 11/17/05 08:34									
Volatile Organic Compounds by EPA Method 8021B									
Benzene	ND		ug/L	0.50	1	11/30/05 03:43	SW846 8021B	hw	5114884
Ethylbenzene	ND		ug/L	0.50	1	11/30/05 03:43	SW846 8021B	hw	5114884
Toluene	ND		ug/L	0.50	1	11/30/05 03:43	SW846 8021B	hw	5114884
Xylenes, total	ND		ug/L	0.50	1	11/30/05 03:43	SW846 8021B	hw	5114884
Surrogate: a.a.a-Trifluorotoluene (63-134%)	124 %					11/30/05 03 43	SW846 8021B	hw	5114884
Oxygenates by EPA 8260B									
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	12/01/05 19:37	SW846 8260B	IHA	5114863
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	12/01/05 19:37	SW846 8260B	IHA	5114863
1,2-Dichloroethane	ND		ug/L	0.500	1	12/01/05 19:37	SW846 8260B	IHA	5114863
Ethanol	ND		ug/L	50.0	1	12/01/05 19:37	SW846 8260B	IHA	5114863
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	12/01/05 19:37	SW846 8260B	IHA	5114863
Isopropyl Ether	ND		ug/L	0.500	1	12/01/05 19:37	SW846 8260B	IHA	5114863
Methyl tert-Butyl Ether	1.45		ug/L	0.500	1	12/01/05 19:37	SW846 8260B	IHA	5114863
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	12/01/05 19:37	SW846 8260B	IHA	5114863
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	106 %					12/01/05 19 37	SW846 8260B	IHA	5114863

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

Work Order: NOK2580
 Project Name: Exxon 7-0210 PO:4505802123
 Project Number: 7-0210
 Received: 11/19/05 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NOK2580-02 (MW6 - Ground Water) - cont. Sampled: 11/17/05 08:34									
Oxygenates by EPA 8260B - cont									
Surrogate Dibromofluoromethane (79-122%)	103 %					12/01/05 19:37	SW846 8260B	IHA	5114863
Surrogate Toluene-d8 (78-121%)	108 %					12/01/05 19:37	SW846 8260B	IHA	5114863
Surrogate 4-Bromofluorobenzene (78-126%)	110 %					12/01/05 19:37	SW846 8260B	IHA	5114863
Extractable Petroleum Hydrocarbons									
Diesel	ND		ug/L	50.0	1	11/22/05 19:55	SW846 8015B	mcj	5113520
Surrogate o-Terphenyl (55-150%)	68 %					11/22/05 19:55	SW846 8015B	mcj	5113520
Purgeable Petroleum Hydrocarbons									
GRO as Gasoline	ND		ug/L	50.0	1	11/30/05 03:43	SW846 8015B	hw	5114884
Surrogate a.a.a-Trifluorotoluene (63-134%)	124 %					11/30/05 03:43	SW846 8015B	hw	5114884
Sample ID: NOK2580-03 (MW7 - Ground Water) Sampled: 11/17/05 08:07									
Volatile Organic Compounds by EPA Method 8021B									
Benzene	ND		ug/L	0.50	1	11/30/05 04:15	SW846 8021B	hw	5114884
Ethylbenzene	ND		ug/L	0.50	1	11/30/05 04:15	SW846 8021B	hw	5114884
Toluene	ND		ug/L	0.50	1	11/30/05 04:15	SW846 8021B	hw	5114884
Xylenes, total	ND		ug/L	0.50	1	11/30/05 04:15	SW846 8021B	hw	5114884
Surrogate a.a.a-Trifluorotoluene (63-134%)	127 %					11/30/05 04:15	SW846 8021B	hw	5114884
Oxygenates by EPA 8260B									
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	12/01/05 20:06	SW846 8260B	IHA	5114863
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	12/01/05 20:06	SW846 8260B	IHA	5114863
1,2-Dichloroethane	ND		ug/L	0.500	1	12/01/05 20:06	SW846 8260B	IHA	5114863
Ethanol	ND		ug/L	50.0	1	12/01/05 20:06	SW846 8260B	IHA	5114863
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	12/01/05 20:06	SW846 8260B	IHA	5114863
Isopropyl Ether	ND		ug/L	0.500	1	12/01/05 20:06	SW846 8260B	IHA	5114863
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	12/01/05 20:06	SW846 8260B	IHA	5114863
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	12/01/05 20:06	SW846 8260B	IHA	5114863
Surrogate 1,2-Dichloroethane-d4 (70-130%)	107 %					12/01/05 20:06	SW846 8260B	IHA	5114863
Surrogate Dibromofluoromethane (79-122%)	103 %					12/01/05 20:06	SW846 8260B	IHA	5114863
Extractable Petroleum Hydrocarbons									
Diesel	ND		ug/L	50.0	1	11/22/05 20:15	SW846 8015B	mcj	5113520
Surrogate o-Terphenyl (55-150%)	80 %					11/22/05 20:15	SW846 8015B	mcj	5113520
Purgeable Petroleum Hydrocarbons									
GRO as Gasoline	ND		ug/L	50.0	1	11/30/05 04:15	SW846 8015B	hw	5114884
Surrogate a.a.a-Trifluorotoluene (63-134%)	127 %					11/30/05 04:15	SW846 8015B	hw	5114884

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

Work Order: NOK2580
Project Name: Exxon 7-0210 PO:4505802123
Project Number: 7-0210
Received: 11/19/05 08:10

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons							
SW846 8015B	5113520	NOK2580-01	1000 00	1 00	11/21/05 09:30	NXR	EPA 3510C
SW846 8015B	5113520	NOK2580-02	1000 00	1 00	11/21/05 09:30	NXR	EPA 3510C
SW846 8015B	5113520	NOK2580-03	1000 00	1 00	11/21/05 09:30	NXR	EPA 3510C

Client ETIC Engineering Pleasant Hill (10236)
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Work Order: NOK2580
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 Project Number: 7-0210
 Received: 11/19/05 08:10

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						
5114884-BLK1						
Benzene	<0 42		ug/L	5114884	5114884-BLK1	11/29/05 17:54
Ethylbenzene	<0 36		ug/L	5114884	5114884-BLK1	11/29/05 17:54
Toluene	<0 36		ug/L	5114884	5114884-BLK1	11/29/05 17:54
Xylenes, total	<0 36		ug/L	5114884	5114884-BLK1	11/29/05 17:54
Surrogate: a,a,a-Trifluorotoluene	129%			5114884	5114884-BLK1	11/29/05 17:54
Oxygenates by EPA 8260B						
5114863-BLK1						
Tert-Amyl Methyl Ether	<0 200		ug/L	5114863	5114863-BLK1	12/01/05 18:10
1,2-Dibromoethane (EDB)	<0 250		ug/L	5114863	5114863-BLK1	12/01/05 18:10
1,2-Dichloroethane	<0 390		ug/L	5114863	5114863-BLK1	12/01/05 18:10
Ethanol	<39 2		ug/L	5114863	5114863-BLK1	12/01/05 18:10
Ethyl tert-Butyl Ether	<0 200		ug/L	5114863	5114863-BLK1	12/01/05 18:10
Isopropyl Ether	<0 200		ug/L	5114863	5114863-BLK1	12/01/05 18:10
Methyl tert-Butyl Ether	<0 200		ug/L	5114863	5114863-BLK1	12/01/05 18:10
Tertiary Butyl Alcohol	<5 06		ug/L	5114863	5114863-BLK1	12/01/05 18:10
Surrogate: 1,2-Dichloroethane-d4	106%			5114863	5114863-BLK1	12/01/05 18:10
Surrogate: Dibromofluoromethane	102%			5114863	5114863-BLK1	12/01/05 18:10
Surrogate: Toluene-d8	108%			5114863	5114863-BLK1	12/01/05 18:10
Surrogate: 4-Bromofluorobenzene	109%			5114863	5114863-BLK1	12/01/05 18:10
5114863-BLK2						
Tert-Amyl Methyl Ether	<0 200		ug/L	5114863	5114863-BLK2	12/02/05 05:15
1,2-Dibromoethane (EDB)	<0 250		ug/L	5114863	5114863-BLK2	12/02/05 05:15
1,2-Dichloroethane	<0 390		ug/L	5114863	5114863-BLK2	12/02/05 05:15
Ethanol	<39 2		ug/L	5114863	5114863-BLK2	12/02/05 05:15
Ethyl tert-Butyl Ether	<0 200		ug/L	5114863	5114863-BLK2	12/02/05 05:15
Isopropyl Ether	<0 200		ug/L	5114863	5114863-BLK2	12/02/05 05:15
Methyl tert-Butyl Ether	<0 200		ug/L	5114863	5114863-BLK2	12/02/05 05:15
Tertiary Butyl Alcohol	<5 06		ug/L	5114863	5114863-BLK2	12/02/05 05:15
Surrogate: 1,2-Dichloroethane-d4	108%			5114863	5114863-BLK2	12/02/05 05:15
Surrogate: Dibromofluoromethane	102%			5114863	5114863-BLK2	12/02/05 05:15
Surrogate: Toluene-d8	110%			5114863	5114863-BLK2	12/02/05 05:15
Surrogate: 4-Bromofluorobenzene	111%			5114863	5114863-BLK2	12/02/05 05:15
Extractable Petroleum Hydrocarbons						
5113520-BLK1						
Diesel	<33 0		ug/L	5113520	5113520-BLK1	11/22/05 12:44
Surrogate: o-Terphenyl	72%			5113520	5113520-BLK1	11/22/05 12:44
Purgeable Petroleum Hydrocarbons						
5114884-BLK1						

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

Work Order: NOK2580
Project Name: Exxon 7-0210 PO:4505802123
Project Number: 7-0210
Received: 11/19/05 08:10

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q C Batch	Lab Number	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons						
5114884-BLK1						
GRO as Gasoline	<33 0		ug/L	5114884	5114884-BLK1	11/29/05 17:54
Surrogate <i>a,a,a-Trifluorotoluene</i>	129%			5114884	5114884-BLK1	11/29/05 17:54

Client ETIC Engineering Pleasant Hill (10236)
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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								
5114884-BS1								
Benzene	100	106		ug/L	106%	77 - 122	5114884	11/30/05 04:47
Ethylbenzene	100	105		ug/L	105%	77 - 121	5114884	11/30/05 04:47
Toluene	100	106		ug/L	106%	74 - 121	5114884	11/30/05 04:47
Xylenes, total	200	211		ug/L	106%	72 - 121	5114884	11/30/05 04:47
<i>Surrogate. a.a.a.-Trifluorotoluene</i>	30.0	39.3			131%	63 - 134	5114884	11/30/05 04:47
Oxygenates by EPA 8260B								
5114863-BS1								
Tert-Amyl Methyl Ether	50.0	41.3		ug/L	83%	56 - 145	5114863	12/01/05 16:44
1,2-Dibromoethane (EDB)	50.0	49.7		ug/L	99%	75 - 128	5114863	12/01/05 16:44
1,2-Dichloroethane	50.0	50.5		ug/L	101%	74 - 131	5114863	12/01/05 16:44
Ethanol	5000	6100		ug/L	122%	55 - 152	5114863	12/01/05 16:44
Ethyl tert-Butyl Ether	50.0	40.9		ug/L	82%	64 - 141	5114863	12/01/05 16:44
Isopropyl Ether	50.0	47.6		ug/L	95%	73 - 135	5114863	12/01/05 16:44
Methyl tert-Butyl Ether	50.0	41.5		ug/L	83%	66 - 142	5114863	12/01/05 16:44
Tertiary Butyl Alcohol	500	636		ug/L	127%	42 - 154	5114863	12/01/05 16:44
<i>Surrogate. 1,2-Dichloroethane-d4</i>	50.0	52.3			105%	70 - 130	5114863	12/01/05 16:44
<i>Surrogate. Dibromofluoromethane</i>	50.0	49.9			100%	79 - 122	5114863	12/01/05 16:44
<i>Surrogate. Toluene-d8</i>	50.0	53.3			107%	78 - 121	5114863	12/01/05 16:44
<i>Surrogate. 4-Bromofluorobenzene</i>	50.0	54.0			108%	78 - 126	5114863	12/01/05 16:44
5114863-BS2								
Tert-Amyl Methyl Ether	50.0	41.2		ug/L	82%	56 - 145	5114863	12/02/05 03:48
1,2-Dibromoethane (EDB)	50.0	49.2		ug/L	98%	75 - 128	5114863	12/02/05 03:48
1,2-Dichloroethane	50.0	51.9		ug/L	104%	74 - 131	5114863	12/02/05 03:48
Ethanol	5000	6280		ug/L	126%	55 - 152	5114863	12/02/05 03:48
Ethyl tert-Butyl Ether	50.0	41.9		ug/L	84%	64 - 141	5114863	12/02/05 03:48
Isopropyl Ether	50.0	49.2		ug/L	98%	73 - 135	5114863	12/02/05 03:48
Methyl tert-Butyl Ether	50.0	41.9		ug/L	84%	66 - 142	5114863	12/02/05 03:48
Tertiary Butyl Alcohol	500	637		ug/L	127%	42 - 154	5114863	12/02/05 03:48
<i>Surrogate. 1,2-Dichloroethane-d4</i>	50.0	52.9			106%	70 - 130	5114863	12/02/05 03:48
<i>Surrogate. Dibromofluoromethane</i>	50.0	50.3			101%	79 - 122	5114863	12/02/05 03:48
<i>Surrogate. Toluene-d8</i>	50.0	52.6			105%	78 - 121	5114863	12/02/05 03:48
<i>Surrogate. 4-Bromofluorobenzene</i>	50.0	55.1			110%	78 - 126	5114863	12/02/05 03:48
Extractable Petroleum Hydrocarbons								
5113520-BS1								
Diesel	1000	701	MNRI	ug/L	70%	49 - 118	5113520	11/22/05 13:03
<i>Surrogate. o-Terphenyl</i>	20.0	15.1			76%	55 - 150	5113520	11/22/05 13:03
Purgeable Petroleum Hydrocarbons								
5114884-BS2								

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

Work Order: NOK2580
 Project Name: Exxon 7-0210 PO:4505802123
 Project Number: 7-0210
 Received: 11/19/05 08:10

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val	Analyzed Val	Q	Units	% Rec	Target Range	Batch	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons								
5114884-BS2								
GRO as Gasoline	1000	979		ug/L.	98%	68 - 128	5114884	11/30/05 05:19
Surrogate: <i>a.a.a-Trifluorotoluene</i>	30.0	42.0	Z2		140%	63 - 134	5114884	11/30/05 05:19

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 Received: 11/19/05 08:10

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig Val	MS Val	Q	Units	Spike Conc	% Rec	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Oxygenates by EPA 8260B										
5114863-MS1										
Tert-Amyl Methyl Ether	ND	85.6	M7	ug/L	50.0	171%	45 - 155	5114863	NOK2580-02	12/02/05 00:55
1,2-Dibromoethane (EDB)	ND	53.6		ug/L	50.0	107%	71 - 138	5114863	NOK2580-02	12/02/05 00:55
1,2-Dichloroethane	ND	56.2		ug/L	50.0	112%	70 - 140	5114863	NOK2580-02	12/02/05 00:55
Ethanol	ND	6240		ug/L	5000	125%	49 - 158	5114863	NOK2580-02	12/02/05 00:55
Ethyl tert-Butyl Ether	ND	48.2		ug/L	50.0	96%	57 - 148	5114863	NOK2580-02	12/02/05 00:55
Isopropyl Ether	ND	50.0		ug/L	50.0	100%	67 - 143	5114863	NOK2580-02	12/02/05 00:55
Methyl tert-Butyl Ether	1.45	12300	M7	ug/L	50.0	24600%	55 - 152	5114863	NOK2580-02	12/02/05 00:55
Tertiary Butyl Alcohol	ND	3130	M7	ug/L	500	626%	19 - 183	5114863	NOK2580-02	12/02/05 00:55
<i>Surrogate: 1,2-Dichloroethane-d4</i>		50.4		ug/L	50.0	101%	70 - 130	5114863	NOK2580-02	12/02/05 00:55
<i>Surrogate: Dibromofluoromethane</i>		48.6		ug/L	50.0	97%	79 - 122	5114863	NOK2580-02	12/02/05 00:55
<i>Surrogate: Toluene-d8</i>		53.6		ug/L	50.0	107%	78 - 121	5114863	NOK2580-02	12/02/05 00:55
<i>Surrogate: 4-Bromofluorobenzene</i>		54.9		ug/L	50.0	110%	78 - 126	5114863	NOK2580-02	12/02/05 00:55
5114863-MS2										
Tert-Amyl Methyl Ether	43.5	44.0	M8	ug/L	50.0	1%	45 - 155	5114863	NOK2841-01	12/02/05 01:53
1,2-Dibromoethane (EDB)	ND	52.5		ug/L	50.0	105%	71 - 138	5114863	NOK2841-01	12/02/05 01:53
1,2-Dichloroethane	ND	55.0		ug/L	50.0	110%	70 - 140	5114863	NOK2841-01	12/02/05 01:53
Ethanol	13.8	6240		ug/L	5000	125%	49 - 158	5114863	NOK2841-01	12/02/05 01:53
Ethyl tert-Butyl Ether	3.26	45.0		ug/L	50.0	83%	57 - 148	5114863	NOK2841-01	12/02/05 01:53
Isopropyl Ether	ND	53.7		ug/L	50.0	107%	67 - 143	5114863	NOK2841-01	12/02/05 01:53
Methyl tert-Butyl Ether	3100	49.3	MHA	ug/L	50.0	-6100%	55 - 152	5114863	NOK2841-01	12/02/05 01:53
Tertiary Butyl Alcohol	11200	1980	MHA	ug/L	500	-1840%	19 - 183	5114863	NOK2841-01	12/02/05 01:53
<i>Surrogate: 1,2-Dichloroethane-d4</i>		52.7		ug/L	50.0	105%	70 - 130	5114863	NOK2841-01	12/02/05 01:53
<i>Surrogate: Dibromofluoromethane</i>		49.9		ug/L	50.0	100%	79 - 122	5114863	NOK2841-01	12/02/05 01:53
<i>Surrogate: Toluene-d8</i>		52.5		ug/L	50.0	105%	78 - 121	5114863	NOK2841-01	12/02/05 01:53
<i>Surrogate: 4-Bromofluorobenzene</i>		55.1		ug/L	50.0	110%	78 - 126	5114863	NOK2841-01	12/02/05 01:53

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Work Order: NOK2580
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 Project Number: 7-0210
 Received: 11/19/05 08:10

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
Oxygenates by EPA 8260B												
5114863-MSD1												
Tert-Amyl Methyl Ether	ND	84.7	M7	ug/L	50.0	169%	45 - 155	1	24	5114863	NOK2580-02	12/02/05 01:24
1,2-Dibromoethane (EDB)	ND	51.7		ug/L	50.0	103%	71 - 138	4	27	5114863	NOK2580-02	12/02/05 01:24
1,2-Dichloroethane	ND	54.5		ug/L	50.0	109%	70 - 140	3	21	5114863	NOK2580-02	12/02/05 01:24
Ethanol	ND	6760		ug/L	5000	135%	49 - 158	8	38	5114863	NOK2580-02	12/02/05 01:24
Ethyl tert-Butyl Ether	ND	47.6		ug/L	50.0	95%	57 - 148	1	22	5114863	NOK2580-02	12/02/05 01:24
Isopropyl Ether	ND	48.4		ug/L	50.0	97%	67 - 143	3	22	5114863	NOK2580-02	12/02/05 01:24
Methyl tert-Butyl Ether	1.45	11500	M7	ug/L	50.0	23000%	55 - 152	7	27	5114863	NOK2580-02	12/02/05 01:24
Tertiary Butyl Alcohol	ND	3060	M7	ug/L	500	612%	19 - 183	2	39	5114863	NOK2580-02	12/02/05 01:24
Surrogate: 1,2-Dichloroethane-d4		49.5		ug/L	50.0	99%	70 - 130			5114863	NOK2580-02	12/02/05 01:24
Surrogate: Dibromofluoromethane		48.6		ug/L	50.0	97%	79 - 122			5114863	NOK2580-02	12/02/05 01:24
Surrogate: Toluene-d8		52.9		ug/L	50.0	106%	78 - 121			5114863	NOK2580-02	12/02/05 01:24
Surrogate: 4-Bromofluorobenzene		54.0		ug/L	50.0	108%	78 - 126			5114863	NOK2580-02	12/02/05 01:24
5114863-MSD2												
Tert-Amyl Methyl Ether	43.5	45.5	M8	ug/L	50.0	4%	45 - 155	3	24	5114863	NOK2841-01	12/02/05 02:22
1,2-Dibromoethane (EDB)	ND	54.1		ug/L	50.0	108%	71 - 138	3	27	5114863	NOK2841-01	12/02/05 02:22
1,2-Dichloroethane	ND	56.7		ug/L	50.0	113%	70 - 140	3	21	5114863	NOK2841-01	12/02/05 02:22
Ethanol	13.8	6790		ug/L	5000	136%	49 - 158	8	38	5114863	NOK2841-01	12/02/05 02:22
Ethyl tert-Butyl Ether	3.26	46.6		ug/L	50.0	87%	57 - 148	3	22	5114863	NOK2841-01	12/02/05 02:22
Isopropyl Ether	ND	55.5		ug/L	50.0	111%	67 - 143	3	22	5114863	NOK2841-01	12/02/05 02:22
Methyl tert-Butyl Ether	3100	48.2	MHA	ug/L	50.0	-6100%	55 - 152	2	27	5114863	NOK2841-01	12/02/05 02:22
Tertiary Butyl Alcohol	11200	741	MHA	ug/L	500	-2090%	19 - 183	91	39	5114863	NOK2841-01	12/02/05 02:22
Surrogate: 1,2-Dichloroethane-d4		52.9		ug/L	50.0	106%	70 - 130			5114863	NOK2841-01	12/02/05 02:22
Surrogate: Dibromofluoromethane		49.7		ug/L	50.0	99%	79 - 122			5114863	NOK2841-01	12/02/05 02:22
Surrogate: Toluene-d8		53.6		ug/L	50.0	107%	78 - 121			5114863	NOK2841-01	12/02/05 02:22
Surrogate: 4-Bromofluorobenzene		55.0		ug/L	50.0	110%	78 - 126			5114863	NOK2841-01	12/02/05 02:22

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Attn Ted Moise

Work Order: NOK2580
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Project Number: 7-0210
Received: 11/19/05 08:10

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

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

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Project Number: 7-0210
Received: 11/19/05 08:10

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

Work Order: NOK2580
Project Name: Exxon 7-0210 PO:4505802123
Project Number: 7-0210
Received: 11/19/05 08:10

DATA QUALIFIERS AND DEFINITIONS

M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
Z2 Surrogate recovery was above the acceptance limits. Data not impacted.

