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Jennifer C. Sedlachek
Project Manager

RECEIVED
By dehloptoxic at 8:40 am, Jan 08, 2007

ExxonMobil
Refining & Supply

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

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

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

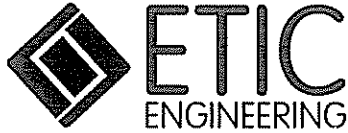
Sincerely,



Jennifer C. Sedlachek
Project Manager

Attachment: ETIC Groundwater Monitoring Report dated January 2007

- c: w/ attachment:
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
Fourth Quarter 2006**

**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

Ted Moise

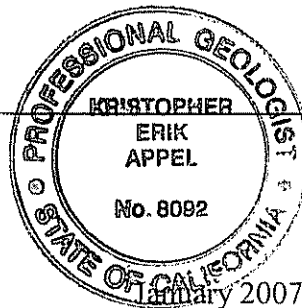
01/03/07

Ted Moise
Senior Project Manager

Date

K. Erik Appel

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



1/3/07

Date

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 4 August 2006, the date of the last monitoring event, until 8 November 2006, the date of the recent monitoring event. Groundwater monitoring results, well construction details, and a groundwater monitoring plan are provided in the attached figures and tables. Groundwater monitoring protocols, field data, and analytical results are provided in the attached appendixes.

GENERAL SITE INFORMATION

Site name:	Former 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:	8 November 2006
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 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

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



Groundwater
Flow Direction
Gradient = 0.003

(341.06) Groundwater Elevation (feet)

TPH-g Total Petroleum Hydrocarbons as gasoline

TPH-d Total Petroleum Hydrocarbons as diesel

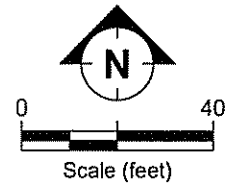
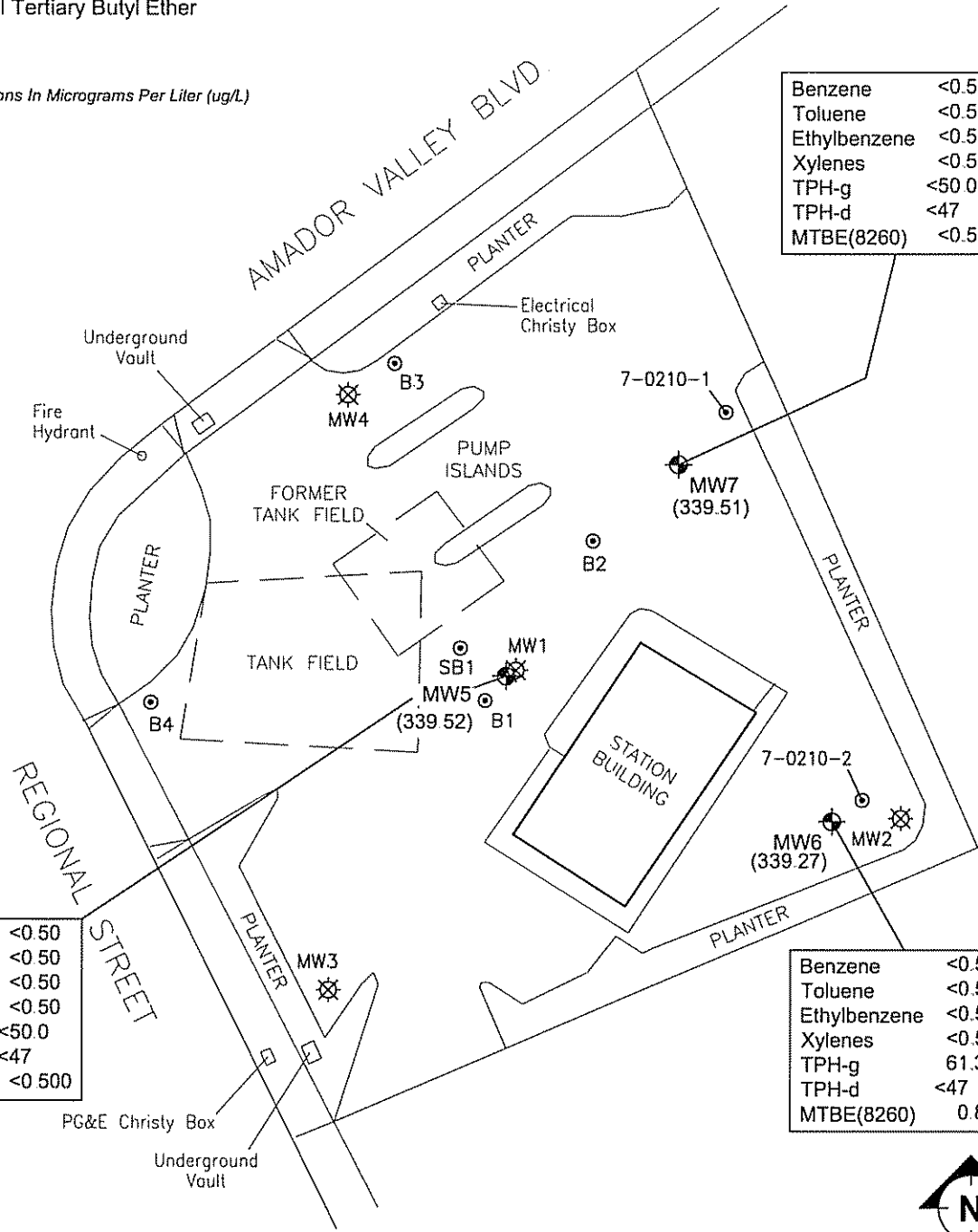
MTBE Methyl Tertiary Butyl Ether

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
MTBE(8260)	<0.500

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<0.50
TPH-g	<50.0
TPH-d	<47
MTBE(8260)	<0.500

Benzene	<0.50
Toluene	<0.50
Ethylbenzene	<0.50
Xylenes	<0.50
TPH-g	61.3
TPH-d	<47
MTBE(8260)	0.860



FILENAME: 4Q2006.DWG 12/07/06



SITE PLAN SHOWING GROUNDWATER ELEVATIONS
AND ANALYTICAL RESULTS
FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BLVD., DUBLIN, CA.
8 NOVEMBER 2006

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	Other Oxygenates and Additives
MW2														
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														
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)							Other Oxygenates and Additives	
						Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d	MTBE		Ethanol
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
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		

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	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
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

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	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 ^b	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 ^b	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
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
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

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	Ethylbenzene	Total Xylenes	TPH-g	TPH-d	MTBE	Ethanol		
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

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.

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: MWS Date: 11-08-06
 Project No: UP0210.1 Personnel: ALEX

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)
		24.32	13.43	10.89	1	2	4	6	1.74
				0.04	0.16	0.64	1.44		

PURGING DATA
 Purge Method: WATERRA / SUB / BAILER

Time	1139	1141	1143			
Volume Purge (gal)	2	4	6			
Temperature (C)	21.6	22.7	22.6			
pH	7.34	7.38	7.31			
Spec. Cond. (umhos)	980	942	986			
Turbidity/Color	SILTY / BRN	SILTY / BRN	SILTY / BRN			
Odor (Y/N)	N	N	N			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA
 Time Sampled: 1150 Approximate Depth to Water During Sampling: 14.0 (feet)
 Comments:

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



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 7-0210 Well No: MW6 Date: 11-28-06
 Project No: UP0210.1 Personnel: AEX

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)
		24.77	13.42	11.35	1 0.04	2 0.16	4 0.64	6 1.44	1.51

PURGING DATA
 Purge Method: WATERRA / SUB / BAILER

Time	1205	1207	1209			
Volume Purge (gal)	2	4	6			
Temperature (C)	20.9	20.9	21.1			
pH	7.32	7.41	7.38			
Spec. Cond. (umhos)	827	981	973			
Turbidity/Color	SILT / BRN	SILT / BRN	SILT / BRN			
Odor (Y/N)	N	N	N			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA
 Time Sampled: 1215 Approximate Depth to Water During Sampling: 14.0 (feet)
 Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW6	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE
MW6	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)



Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Exxon 7-0210 Well No: MW7 Date: 11-20-02
 Project No: UP0210.1 Personnel: AVEK

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)			
	23.73	-	12.36	=	11.37	X	1	2	4	6	181	=
						0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: WATERRA / SUB / BAILER

Time	12:30	12:32	12:34			
Volume Purge (gal)	2	4	6			
Temperature (C)	21.4	22.1	22.2			
pH	7.37	7.32	7.36			
Spec. Cond. (umhos)	937	1014	1015			
Turbidity/Color	5.0/3	5.0/3	5.0/3			
Odor (Y/N)	N	N	N			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

12:45

Time Sampled:

Approximate Depth to Water During Sampling: 13.0 (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

November 28, 2006 6:17:23PM

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

Work Order: NPK1721
Project Name: Exxon(06) 7-0210 PO:4506870680
Project Nbr: 7-0210
P/O Nbr: 4506870680
Date Received: 11/11/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW5	NPK1721-01	11/08/06 11:50
MW6	NPK1721-02	11/08/06 12:15
MW7	NPK1721-03	11/08/06 12:45

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.

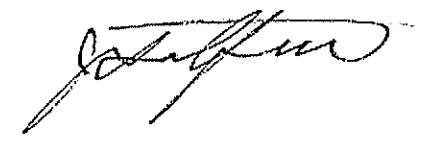
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California Certification Number: 01168CA

The Chain(s) of Custody, 3 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.

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: NPK1721
 Project Name: Exxon(06) 7-0210 PO:4506870680
 Project Number: 7-0210
 Received: 11/11/06 08:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPK1721-01 (MW5 - Ground Water) Sampled: 11/08/06 11:50								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	0.50	1	11/13/06 18:26	SW846 8021B	6112625
Ethylbenzene	ND		ug/L	0.50	1	11/13/06 18:26	SW846 8021B	6112625
Toluene	ND		ug/L	0.50	1	11/13/06 18:26	SW846 8021B	6112625
Xylenes, total	ND		ug/L	0.50	1	11/13/06 18:26	SW846 8021B	6112625
<i>Surr: a.a.a-Trifluorotoluene (57-145%)</i>	88 %					11/13/06 18:26	SW846 8021B	6112625
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	11/18/06 06:36	SW846 8260B	6113453
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	11/18/06 06:36	SW846 8260B	6113453
1,2-Dichloroethane	ND		ug/L	0.500	1	11/18/06 06:36	SW846 8260B	6113453
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	11/18/06 06:36	SW846 8260B	6113453
Diisopropyl Ether	ND		ug/L	0.500	1	11/18/06 06:36	SW846 8260B	6113453
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	11/18/06 06:36	SW846 8260B	6113453
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/18/06 06:36	SW846 8260B	6113453
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	11/13/06 18:26	SW846 8015B	6112625
<i>Surr: a.a.a-Trifluorotoluene (63-134%)</i>	88 %					11/13/06 18:26	SW846 8015B	6112625
Extractable Hydrocarbons by EPA 8015B								
Diesel Range Organics (C10-C28)	ND		ug/l	47	1	11/28/06 00:01	EPA 8015B-SVO/	6K15043
<i>Surr: n-Octacosane (30-115%)</i>	99 %					11/28/06 00:01	EPA 8015B-SVO/	6K15043
Sample ID: NPK1721-02 (MW6 - Ground Water) Sampled: 11/08/06 12:15								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	0.50	1	11/13/06 18:59	SW846 8021B	6112625
Ethylbenzene	ND		ug/L	0.50	1	11/13/06 18:59	SW846 8021B	6112625
Toluene	ND		ug/L	0.50	1	11/13/06 18:59	SW846 8021B	6112625
Xylenes, total	ND		ug/L	0.50	1	11/13/06 18:59	SW846 8021B	6112625
<i>Surr: a.a.a-Trifluorotoluene (57-145%)</i>	89 %					11/13/06 18:59	SW846 8021B	6112625
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	11/18/06 06:09	SW846 8260B	6113453
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	11/18/06 06:09	SW846 8260B	6113453
1,2-Dichloroethane	ND		ug/L	0.500	1	11/18/06 06:09	SW846 8260B	6113453
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	11/18/06 06:09	SW846 8260B	6113453
Diisopropyl Ether	ND		ug/L	0.500	1	11/18/06 06:09	SW846 8260B	6113453
Methyl tert-Butyl Ether	0.860		ug/L	0.500	1	11/18/06 06:09	SW846 8260B	6113453
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/18/06 06:09	SW846 8260B	6113453
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	61.3		ug/L	50.0	1	11/13/06 18:59	SW846 8015B	6112625
<i>Surr: a.a.a-Trifluorotoluene (63-134%)</i>	89 %					11/13/06 18:59	SW846 8015B	6112625
Extractable Hydrocarbons by EPA 8015B								
Diesel Range Organics (C10-C28)	ND		ug/l	47	1	11/28/06 00:38	EPA 8015B-SVO/	6K15043

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

Work Order: NPK1721
 Project Name: Exxon(06) 7-0210 PO:4506870680
 Project Number: 7-0210
 Received: 11/11/06 08:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPK1721-02 (MW6 - Ground Water) - cont. Sampled: 11/08/06 12:15								
Extractable Hydrocarbons by EPA 8015B - cont.								
<i>Surr n-Octacosane (30-115%)</i>	91 %					11/28/06 00:38	PA 8015B-SVO	6K15043
Sample ID: NPK1721-03 (MW7 - Ground Water) Sampled: 11/08/06 12:45								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	0.50	1	11/13/06 19:31	SW846 8021B	6112625
Ethylbenzene	ND		ug/L	0.50	1	11/13/06 19:31	SW846 8021B	6112625
Toluene	ND		ug/L	0.50	1	11/13/06 19:31	SW846 8021B	6112625
Xylenes, total	ND		ug/L	0.50	1	11/13/06 19:31	SW846 8021B	6112625
<i>Surr: a.a.a-Trifluorotoluene (57-145%)</i>	90 %					11/13/06 19:31	SW846 8021B	6112625
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	11/18/06 07:03	SW846 8260B	6113453
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	11/18/06 07:03	SW846 8260B	6113453
1,2-Dichloroethane	ND		ug/L	0.500	1	11/18/06 07:03	SW846 8260B	6113453
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	11/18/06 07:03	SW846 8260B	6113453
Diisopropyl Ether	ND		ug/L	0.500	1	11/18/06 07:03	SW846 8260B	6113453
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	11/18/06 07:03	SW846 8260B	6113453
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/18/06 07:03	SW846 8260B	6113453
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	11/13/06 19:31	SW846 8015B	6112625
<i>Surr a.a.a-Trifluorotoluene (63-134%)</i>	90 %					11/13/06 19:31	SW846 8015B	6112625
Extractable Hydrocarbons by EPA 8015B								
Diesel Range Organics (C10-C28)	ND		ug/l	47	1	11/28/06 01:14	PA 8015B-SVO	6K15043
<i>Surr n-Octacosane (30-115%)</i>	85 %					11/28/06 01:14	PA 8015B-SVO	6K15043

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

Work Order: NPK1721
 Project Name: Exxon(06) 7-0210 PO:4506870680
 Project Number: 7-0210
 Received: 11/11/06 08:55

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						
6112625-BLK1						
Benzene	<0.37		ug/L	6112625	6112625-BLK1	11/13/06 17:15
Ethylbenzene	<0.21		ug/L	6112625	6112625-BLK1	11/13/06 17:15
Toluene	<0.41		ug/L	6112625	6112625-BLK1	11/13/06 17:15
Xylenes, total	<0.44		ug/L	6112625	6112625-BLK1	11/13/06 17:15
Surrogate: <i>a.a.a-Trifluorotoluene</i>	88%			6112625	6112625-BLK1	11/13/06 17:15
Volatile Organic Compounds by EPA Method 8260B						
6113453-BLK1						
Tert-Amyl Methyl Ether	<0.200		ug/L	6113453	6113453-BLK1	11/18/06 05:42
1,2-Dibromoethane (EDB)	<0.320		ug/L	6113453	6113453-BLK1	11/18/06 05:42
1,2-Dichloroethane	<0.370		ug/L	6113453	6113453-BLK1	11/18/06 05:42
Ethyl tert-Butyl Ether	<0.210		ug/L	6113453	6113453-BLK1	11/18/06 05:42
Diisopropyl Ether	<0.210		ug/L	6113453	6113453-BLK1	11/18/06 05:42
Methyl tert-Butyl Ether	<0.190		ug/L	6113453	6113453-BLK1	11/18/06 05:42
Tertiary Butyl Alcohol	<4.07		ug/L	6113453	6113453-BLK1	11/18/06 05:42
Surrogate: <i>1,2-Dichloroethane-d4</i>	95%			6113453	6113453-BLK1	11/18/06 05:42
Surrogate: <i>Dibromofluoromethane</i>	114%			6113453	6113453-BLK1	11/18/06 05:42
Surrogate: <i>Toluene-d8</i>	96%			6113453	6113453-BLK1	11/18/06 05:42
Surrogate: <i>4-Bromofluorobenzene</i>	92%			6113453	6113453-BLK1	11/18/06 05:42
Purgeable Petroleum Hydrocarbons						
6112625-BLK1						
GRO as Gasoline	<33.0		ug/L	6112625	6112625-BLK1	11/13/06 17:15
Surrogate: <i>a.a.a-Trifluorotoluene</i>	88%			6112625	6112625-BLK1	11/13/06 17:15
Extractable Hydrocarbons by EPA 8015B						
6K15043-BLK1						
Diesel Range Organics (C10-C28)	<21		ug/l	6K15043	6K15043-BLK1	11/27/06 22:10
Surrogate: <i>n-Octacosane</i>	79%			6K15043	6K15043-BLK1	11/27/06 22:10

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

Work Order: NPK1721
 Project Name: Exxon(06) 7-0210 PO:4506870680
 Project Number: 7-0210
 Received: 11/11/06 08:55

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								
6112625-BS1								
Benzene	100	88.9		ug/L	89%	72 - 132	6112625	11/14/06 04:42
Ethylbenzene	100	91.6		ug/L	92%	75 - 119	6112625	11/14/06 04:42
Toluene	100	89.3		ug/L	89%	71 - 121	6112625	11/14/06 04:42
Xylenes, total	200	174		ug/L	87%	73 - 122	6112625	11/14/06 04:42
Surrogate <i>a.a.a-Trifluorotoluene</i>	30.0	27.6			92%	57 - 145	6112625	11/14/06 04:42
Volatile Organic Compounds by EPA Method 8260B								
6113453-BS1								
Tert-Amyl Methyl Ether	50.0	49.2		ug/L	98%	68 - 134	6113453	11/18/06 04:48
1,2-Dibromoethane (EDB)	50.0	51.3		ug/L	103%	83 - 128	6113453	11/18/06 04:48
1,2-Dichloroethane	50.0	57.6		ug/L	115%	71 - 132	6113453	11/18/06 04:48
Ethyl tert-Butyl Ether	50.0	61.9		ug/L	124%	69 - 130	6113453	11/18/06 04:48
Diisopropyl Ether	50.0	64.6	L	ug/L	129%	70 - 128	6113453	11/18/06 04:48
Methyl tert-Butyl Ether	50.0	58.5		ug/L	117%	64 - 129	6113453	11/18/06 04:48
Tertiary Butyl Alcohol	500	615		ug/L	123%	45 - 171	6113453	11/18/06 04:48
Surrogate <i>1,2-Dichloroethane-d4</i>	50.0	46.1			92%	62 - 142	6113453	11/18/06 04:48
Surrogate <i>Dibromofluoromethane</i>	50.0	56.0			112%	78 - 123	6113453	11/18/06 04:48
Surrogate <i>Toluene-d8</i>	50.0	49.0			98%	79 - 120	6113453	11/18/06 04:48
Surrogate <i>4-Bromofluorobenzene</i>	50.0	44.6			89%	75 - 133	6113453	11/18/06 04:48
Purgeable Petroleum Hydrocarbons								
6112625-BS2								
GRO as Gasoline	1000	1140		ug/L	114%	64 - 130	6112625	11/14/06 08:54
Surrogate <i>a.a.a-Trifluorotoluene</i>	30.0	31.3			104%	63 - 134	6112625	11/14/06 08:54
Extractable Hydrocarbons by EPA 8015B								
6K15043-BS1								
Diesel Range Organics (C10-C28)	500	407		ug/l	81%	40 - 140	6K15043	11/27/06 22:47
Surrogate <i>n-Octacosane</i>	50.0	37.0			74%	30 - 115	6K15043	11/27/06 22:47

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

Work Order: NPK1721
 Project Name: Exxon(06) 7-0210 PO:4506870680
 Project Number: 7-0210
 Received: 11/11/06 08:55

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig Val	Duplicate	Q	Units	Spike Conc	% Rec	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Extractable Hydrocarbons by EPA 8015B												
6K15043-BSD1												
Diesel Range Organics (C10-C28)		399		ug/l	500	80%	40 - 140	2	35	6K15043		11/27/06 23:24
Surrogate: n-Octacosane		38.9		ug/l	50.0	78%	30 - 115			6K15043		11/27/06 23:24

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

Work Order: NPK1721
 Project Name: Exxon(06) 7-0210 PO:4506870680
 Project Number: 7-0210
 Received: 11/11/06 08:55

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										
6112625-MS1										
Benzene	ND	49.8		ug/L	50.0	100%	72 - 133	6112625	NPK1721-03	11/14/06 12:14
Ethylbenzene	ND	53.5		ug/L	50.0	107%	75 - 137	6112625	NPK1721-03	11/14/06 12:14
Toluene	0.0180	51.3		ug/L	50.0	103%	71 - 127	6112625	NPK1721-03	11/14/06 12:14
Xylenes, total	0.0140	99.0		ug/L	100	99%	73 - 140	6112625	NPK1721-03	11/14/06 12:14
Surrogate: <i>a,a</i> -Trifluorotoluene		27.7		ug/L	30.0	92%	57 - 145	6112625	NPK1721-03	11/14/06 12:14
Volatile Organic Compounds by EPA Method 8260B										
6113453-MS1										
Tert-Amyl Methyl Ether	ND	31.0		ug/L	50.0	62%	52 - 154	6113453	NPK1721-02	11/18/06 12:55
1,2-Dibromoethane (EDB)	ND	35.3	M8	ug/L	50.0	71%	72 - 138	6113453	NPK1721-02	11/18/06 12:55
1,2-Dichloroethane	ND	42.2		ug/L	50.0	84%	59 - 149	6113453	NPK1721-02	11/18/06 12:55
Ethyl tert-Butyl Ether	ND	38.4		ug/L	50.0	77%	54 - 154	6113453	NPK1721-02	11/18/06 12:55
Diisopropyl Ether	ND	41.0		ug/L	50.0	82%	64 - 144	6113453	NPK1721-02	11/18/06 12:55
Methyl tert-Butyl Ether	0.860	39.0		ug/L	50.0	76%	54 - 143	6113453	NPK1721-02	11/18/06 12:55
Tertiary Butyl Alcohol	ND	44.9		ug/L	500	90%	35 - 208	6113453	NPK1721-02	11/18/06 12:55
Surrogate: 1,2-Dichloroethane- <i>d4</i>		61.6		ug/L	50.0	123%	62 - 142	6113453	NPK1721-02	11/18/06 12:55
Surrogate: Dibromofluoromethane		52.8		ug/L	50.0	106%	78 - 123	6113453	NPK1721-02	11/18/06 12:55
Surrogate: Toluene- <i>d8</i>		48.6		ug/L	50.0	97%	79 - 120	6113453	NPK1721-02	11/18/06 12:55
Surrogate: 4-Bromofluorobenzene		47.6		ug/L	50.0	95%	75 - 133	6113453	NPK1721-02	11/18/06 12:55

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

Work Order: NPK1721
 Project Name: Exxon(06) 7-0210 PO:4506870680
 Project Number: 7-0210
 Received: 11/11/06 08:55

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												
6112625-MSD1												
Benzene	ND	49.3		ug/L	50.0	99%	72 - 133	1	11	6112625	NPK1721-03	11/14/06 12:47
Ethylbenzene	ND	52.6		ug/L	50.0	105%	75 - 137	2	18	6112625	NPK1721-03	11/14/06 12:47
Toluene	0.0180	50.3		ug/L	50.0	101%	71 - 127	2	15	6112625	NPK1721-03	11/14/06 12:47
Xylenes, total	0.0140	96.6		ug/L	100	97%	73 - 140	2	14	6112625	NPK1721-03	11/14/06 12:47
Surrogate <i>a.a.a-Trifluorotoluene</i>		27.6		ug/L	30.0	92%	57 - 145			6112625	NPK1721-03	11/14/06 12:47
Volatile Organic Compounds by EPA Method 8260B												
6113453-MSD1												
Tert-Amyl Methyl Ether	ND	29.8		ug/L	50.0	60%	52 - 154	4	41	6113453	NPK1721-02	11/18/06 13:22
1,2-Dibromoethane (EDB)	ND	34.7	M8	ug/L	50.0	69%	72 - 138	2	31	6113453	NPK1721-02	11/18/06 13:22
1,2-Dichloroethane	ND	40.7		ug/L	50.0	81%	59 - 149	4	28	6113453	NPK1721-02	11/18/06 13:22
Ethyl tert-Butyl Ether	ND	38.7		ug/L	50.0	77%	54 - 154	0.8	41	6113453	NPK1721-02	11/18/06 13:22
Diisopropyl Ether	ND	39.2		ug/L	50.0	78%	64 - 144	4	26	6113453	NPK1721-02	11/18/06 13:22
Methyl tert-Butyl Ether	0.860	39.2		ug/L	50.0	77%	54 - 143	0.5	27	6113453	NPK1721-02	11/18/06 13:22
Tertiary Butyl Alcohol	ND	48.4		ug/L	500	97%	35 - 208	8	50	6113453	NPK1721-02	11/18/06 13:22
Surrogate <i>1,2-Dichloroethane-d4</i>		54.8		ug/L	50.0	110%	62 - 142			6113453	NPK1721-02	11/18/06 13:22
Surrogate <i>Dibromofluoromethane</i>		54.2		ug/L	50.0	108%	78 - 123			6113453	NPK1721-02	11/18/06 13:22
Surrogate <i>Toluene-d8</i>		48.9		ug/L	50.0	98%	79 - 120			6113453	NPK1721-02	11/18/06 13:22
Surrogate <i>4-Bromofluorobenzene</i>		46.1		ug/L	50.0	92%	75 - 133			6113453	NPK1721-02	11/18/06 13:22

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

Work Order: NPK1721
 Project Name: Exxon(06) 7-0210 PO:4506870680
 Project Number: 7-0210
 Received: 11/11/06 08:55

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

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

Subcontracted Laboratories

Sequoia Analytical - Morgan Hill (11658)
 885 Jarvis Drive - Morgan Hill, CA 95037
 Method Performed: EPA 8015B-SVOA
 Samples: NPK1721-01, NPK1721-02, NPK1721-03

Sequoia Analytical - Morgan Hill (11658)
 885 Jarvis Drive - Morgan Hill, CA 95037
 Analysis Performed: TPH DRO CA
 Samples: NPK1721-01, NPK1721-02, NPK1721-03

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

Work Order: NPK1721
Project Name: Exxon(06) 7-0210 PO:4506870680
Project Number: 7-0210
Received: 11/11/06 08:55

NELAC CERTIFICATION SUMMARY

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

Method

Matrix

Analyte

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

Work Order: NPK1721
Project Name: Exxon(06) 7-0210 PO:4506870680
Project Number: 7-0210
Received: 11/11/06 08:55

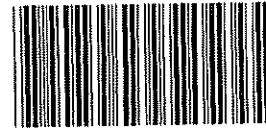
DATA QUALIFIERS AND DEFINITIONS

- L** Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits Analyte not detected, data not impacted.
- M8** The MS and/or MSD were below the acceptance limits See Blank Spike (LCS)

METHOD MODIFICATION NOTES

Nashville Division
COOLER RECEIPT FORM

BC#



NPK1721

Cooler Received/Opened On 11/11/2006 @ 0855

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 1297E15W01

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

4235
4483

2. Temperature of representative sample or temperature blank when opened: 2.0 Degrees Celsius (indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger SP

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

n. If yes, how many and where: NA

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

5. Were custody papers inside cooler?..... YES...NO...NA

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

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

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).....

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).....

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).....

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

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

CLIENT NAME: ETC 0680
 REC. BY (PRINT) Blavm
 WORKORDER: _____

DATE REC'D AT LAB: 11/09/06
 TIME REC'D AT LAB: 1725
 DATE LOGGED IN: _____

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

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent Intact / Broken*								
2. Chain-of-Custody	Present / Absent*								
3. Traffic Reports or Packing List:	Present / Absent								
4. Airbill:	Airbill / Sticker Present / Absent								
5. Airbill #:									
6. Sample Labels:	Present / Absent								
7. Sample IDs:	Listed / Not Listed on Chain-of-Custody								
8. Sample Condition:	Intact / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree?	Yes / No*								
10. Sample received within hold time?	Yes / No*								
11. Adequate sample volume received?	Yes / No*								
12. Proper preservatives used?	Yes / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes)	Yes / No*								
14. Read Temp: <u>1.3</u> Corrected Temp: <u>2.3</u> Is corrected temp 4 +/- 2°C? Yes / No**									

11/09/06
 37°C

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