RO.2424

ExxonMobil
Refining & Supply Company
Global Remediation
2300 Clayton Road, Suite 1250
Concord, CA 94520
(925) 246-8747 Telephone
(925) 246-8798 Facsimile
gene.n.ortega@exxonmobil.com

Gene N. Ortega
Territory Manager
Global Remediation – U.S. Retail

ExxonMobil
Refining & Supply

Alameda County
DEC 13 2002
Environmental Health

December 6, 2002

Ms. Eva Chu
Alameda County Health Agency
Division of Environmental Protection
Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

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

Dear Ms. Chu:

Attached for your review and comment is a copy of the *Report of Groundwater Monitoring, Third Quarter* 2002 for the above-referenced site. The report, prepared by ETIC Engineering, Inc. of Pleasant Hill, California, details the results of the July 2002 sampling event.

If you have any questions or comments, please contact me at (925) 246-8747.

Sincerely,

Gene N. Ortega
Territory Manager

Attachment: ETIC Groundwater Monitoring Report dated December 2002

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

c: w/o attachment:
Mr. Joseph Muehleck - ETIC Engineering, Inc.

RO-2424

ETIC ENGINEERING

Report of Groundwater Monitoring
Third Quarter 2002

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

Prepared for

ExxonMobil Refining and Supply Company
2300 Clayton Road, Suite 1250
Concord, California 94520

Prepared by

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

Ted Moise — 12/3/02

Ted Moise
Project Manager — Date

REGISTERED GEOLOGIST
HEIDI L. DIEFFENBACH-CARLE
No. 6793
exp 03/31/04
STATE OF CALIFORNIA

Heidi Dieffenbach-Carle — December 3, 2002

Heidi Dieffenbach-Carle, R.G. #6793
Senior Geologist — Date

December 2002

SITE CONTACTS

Station Number:	Former Exxon Retail Site 7-0210
Station Address:	7840 Amador Valley Boulevard Dublin, California
ExxonMobil Project Manager:	Gene N. Ortega ExxonMobil Refining and Supply Company 2300 Clayton Road, Suite 1250 Concord, California 94520 (925) 246-8747
Consultant to ExxonMobil:	ETIC Engineering, Inc. 2285 Morello Avenue Pleasant Hill, California 94523 (925) 602-4710
ETIC Project Manager:	Ted Moise
Regulatory Oversight:	Eva Chu Alameda County Health Agency Division of Environmental Protection Department of Environmental Health 1131 Harbor Bay Parkway, 2nd Floor Alameda, California 94502 (510) 567-6700

INTRODUCTION

At the request of ExxonMobil Refining and Supply Company, 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 26 April 2002, the date of the last monitoring event, until 30 July 2002, 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:	Valero Energy Corporation
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:	30 July 2002
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 8021B
- Methyl t-butyl ether by EPA Method 8260B (confirmation samples)

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.

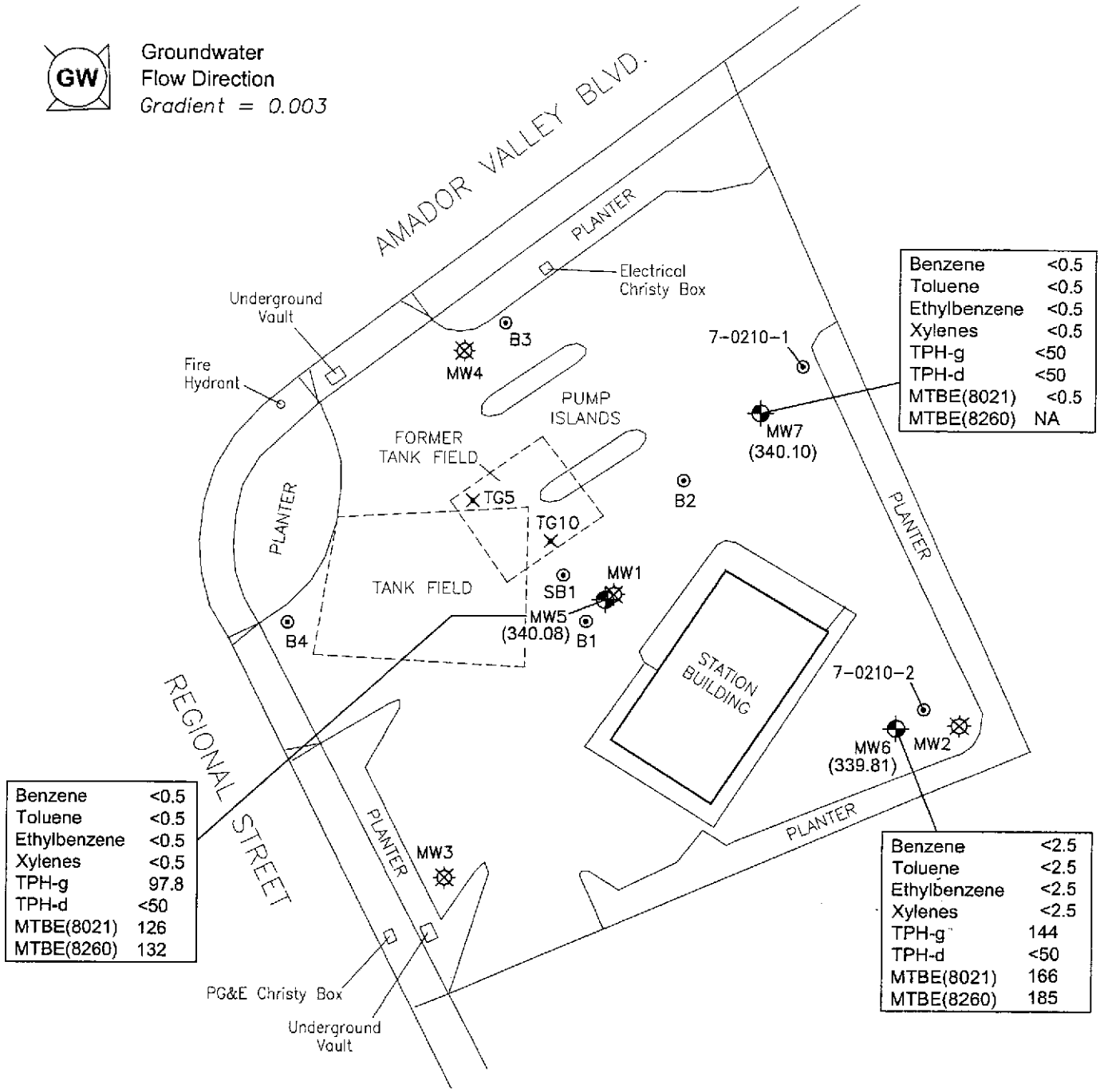
In accordance with the Work Plan for Offsite Subsurface Investigation submitted in April 2002, an access agreement with the owner of the neighboring property is being finalized.

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



LEGEND

- GROUNDWATER MONITORING WELL LOCATION
- SOIL BORING / GROUNDWATER SAMPLING LOCATION
- CONFIRMATION SOIL SAMPLE
- DESTROYED GROUNDWATER MONITORING WELL
- (340.10) GROUNDWATER ELEVATION (FEET)
- TPH-g TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- TPH-d TOTAL PETROLEUM HYDROCARBONS AS DIESEL
- MTBE METHYL T-BUTYL ETHER
- NA NOT ANALYZED
- *CONCENTRATIONS IN MICROGRAMS PER LITER (ug/L).*

N

0 40

Scale (feet)

ETIC ENGINEERING

SITE PLAN SHOWING GROUNDWATER ELEVATIONS
AND ANALYTICAL RESULTS
FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BLVD., DUBLIN, CA.
30 JULY 2002

FIGURE: 1

FILENAME: 3020002.DWG 12/05/02

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)	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)	Other Oxygenates and Additives (µg/L)
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)	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)	Other Oxygenates and Additives (µg/L)
MW2			Well destroyed April 1996.										
MW3	05/21/92	97.95	16.05	81.90	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW3	02/10/93	97.95	13.77	84.18	0.00	<0.5	<0.5	<0.5	0.7	<50		NA	
MW3	05/20/93	97.95	12.32	85.63	0.00	<0.5	<0.5	<0.5	<1.0	<50		NA	
MW3	06/23/93	97.95	13.34	84.61	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW3	08/23/93	97.95	14.30	83.65	0.00	2.3	1.2	1.4	4.1	<50		NA	
MW3	10/25/93	97.95	15.62	82.33	0.00	NS	NS	NS	NS	NS		NS	
MW3	02/16/94	97.95	16.48	81.47	0.00	NS	NS	NS	NS	NS		NS	
MW3	04/16/94	97.95	16.61	81.34	0.00	NS	NS	NS	NS	NS		NS	
MW3	07/26/94	97.95	16.72	81.23	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW3	10/05/94	97.95	17.33	80.62	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW3	01/04/95	97.95	16.29	81.66	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW3	06/12/95	97.95	11.67	86.28	0.00	<0.5	<0.5	<0.5	<0.5	<50		<2.5	
MW3			Well destroyed April 1996.										
MW4	05/21/92	96.69	14.59	82.10	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW4	02/10/93	96.69	12.30	84.39	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW4	05/20/93	96.69	10.75	85.94	0.00	1.4	1.0	<0.5	1.8	<50		NA	
MW4	06/23/93	96.69	11.78	84.91	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW4	08/23/93	96.69	12.82	83.87	0.00	<0.5	<0.5	<0.5	0.8	<50		NA	
MW4	10/25/93	96.69	14.10	82.59	0.00	NS	NS	NS	NS	NS		NS	
MW4	02/16/94	96.69	15.02	81.67	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW4	04/16/94	96.69	14.61	82.08	0.00	NS	NS	NS	NS	NS		NS	
MW4	07/26/94	96.69	15.23	81.46	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW4	10/05/94	96.69	15.85	80.84	0.00	<0.5	12	<0.5	<0.5	<50		NA	

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

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	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)	Other Oxygenates and Additives (µg/L)
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]**	
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]	

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)	Other Oxygenates and Additives (µg/L)
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]**	
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**

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.

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)	Other Oxygenates and Additives (µg/L)

d TPH-g results beginning February 2002 include MTBE.

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 and, if the well does not recover, the well is considered "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

ETIC
Engineering, Inc.

MONITORING WELL DATA FORM

Client: *ExxonMobil*

Project Number: *UP0210.1*

Site Location:
7840 AMADOR VALLY BLVD., DUBLIN, CA

Date: 7/30/02

Station Number: *7-0210*

Samplers: CM

MONITORING WELL NUMBER	DEPTH TO WATER (TOC) ft.	DEPTH TO PRODUCT (TOC)	APPARENT PRODUCT THICKNESS	AMOUNT OF PRODUCT REMOVED	MONITORING WELL INTEGRITY	DEPTH TO BOTTOM (TOC) ft.	WELL CASING DIAMETER in.
MM5	12.87					24.32	2"
MM6	12.88					24.45	2"
MM7	11.77					23.84	2"

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-0210* Well No: MW5 Date: 7/30/02

Project No: *UP0210.1* Personnel: C. Mitchell

GAUGING DATA

Water Level Measuring Method: *WLM* 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 (-)	12.87 (=)	11.45 (X)	1 (2) 4 6 0.04 0.16 0.64 1.44	1.83 (=)	5.49

PURGING DATA

Purge Method: *Waterra Pump*

Time	12:14	12:15	12:16			
Volume Purge (gal)	2	4	6			
Temperature (C)	21.7°C	21.3°C	21.1°C			
pH	7.24	7.01	6.90			
Spec.Cond.(umhos)	1384µS	1386µS	1387µS			
Turbidity/Color	S. Hy	S. Hy	S. Hy			
Odor (Y/N)	N	N	N			
Dewatered (Y/N)	N	N	N			

Comments/Observbations:

SAMPLING DATA

Time Sampled: 12:20 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
MW5	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE
MW5	2	Amber	—	1 l		TPH-d

Total Purge Volume: 6 *(gallons)* Disposal: ROMIC

Weather Conditions: OK

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

Well Head Conditions Requiring Correction: None

Problems Encountered During Purging and Sampling: None

Comments:

ETIC
Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-0210* Well No: MW6 Date: 7/30/02

Project No: *UP0210.1* Personnel: C. Mitchell

GAUGING DATA

Water Level Measuring Method: *WLM* 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)
	24.45	-	12.88	=	11.57	X	1	(2)	4	6	1.85	=	5.55
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: *Waterra Pump*

Time	11:14	11:16	11:18			
Volume Purge (gal)	2	4	6			
Temperature (°C)	20.7°C	20.5°C	20.5°C			
pH	7.31	7.05	6.91			
Spec.Cond.(umhos)	1366µS	1368µS	1376µS			
Turbidity/Color	Slty	Slty	Slty			
Odor (Y/N)	N	N	N			
Dewatered (Y/N)	N	N	N			

Comments/Observbations:

SAMPLING DATA

Time Sampled: 11:25 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
MW6	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE
MW6	2	Amber	—	1 L		TPH-d

Total Purge Volume: 6 *(gallons)* Disposal: ROMIC

Weather Conditions: OK

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

Well Head Conditions Requiring Correction: None

Problems Encountered During Purging and Sampling: None

Comments:

ETIC
Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Exxon 7-0210* Well No: MW7 Date: 7/30/02

Project No: *UP0210.1* Personnel: C. Mitchell

GAUGING DATA

Water Level Measuring Method: *WLM* 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)
	23.84	-	11.77	=	12.07	X	1	(2)	4	6	1.93	=	5.79
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: *Waterra Pump*

Time	11:43	11:44	11:45			
Volume Purge (gal)	2	4	6			
Temperature (C)	21.2°C	20.9°C	20.8°C			
pH	7.01	6.91	6.86			
Spec.Cond.(umhos)	1371µS	1371µS	1372µS			
Turbidity/Color	S.Ft	S.Ft	S.Ft			
Odor (Y/N)	N	N	N			
Dewatered (Y/N)	N	N	N			

Comments/Observbations:

SAMPLING DATA

Time Sampled: 11:50 Approximate Depth to Water During Sampling: 13 *(feet)*

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW7	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE
MW7	2	Amber	—	1 L		TPH-d

Total Purge Volume: 6 *(gallons)* Disposal: ROMIC

Weather Conditions: OK

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

Well Head Conditions Requiring Correction: None

Problems Encountered During Purging and Sampling: None

Comments:

Appendix C

Laboratory Analytical Reports

TestAmerica
INCORPORATED

8/14/02

ETIC 3865
JOHN ORTEGA
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project 7-0210 EXXONMOBIL 7-0210. The Laboratory Project number is 295573. 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.

Sample Identification	Lab Number	Collection Date
MW5	02-A126998	7/30/02
MW6	02-A126999	7/30/02
MW7	02-A127000	7/30/02

Report Approved By: _____ Report Date: 8/13/02

Laboratory Certification Number: 01168CA

AUG 15 2002

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JOHN ORTEGA
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project: 7-0210
Project Name: EXXONMOBIL 7-0210
Sampler: CHRISTOPHER MITCHELL

Lab Number: 02-A126998
Sample ID: MW5
Sample Type: Water
Site ID: 7-0210

Date Collected: 7/30/02
Time Collected: 12:20
Date Received: 8/ 2/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	0.5	1.0	8/13/02	3:53	D.Yeager	8021B	1846
Ethylbenzene	ND	ug/L	0.5	1.0	8/13/02	3:53	D.Yeager	8021B	1846
Toluene	ND	ug/L	0.5	1.0	8/13/02	3:53	D.Yeager	8021B	1846
Xylenes (Total)	ND	ug/L	0.5	1.0	8/13/02	3:53	D.Yeager	8021B	1846
Methyl-t-butylether	126.	ug/L	0.5	1.0	8/13/02	3:53	D.Yeager	8021B	1846
TPH (Gasoline Range)	97.8	ug/L	50.0	1.0	8/13/02	3:53	D.Yeager	8015B	1846
TPH (Diesel Range)	ND	ug/L	50.	1.0	8/ 7/02	10:58	D.Haywood	8015B/3510	1926
VOLATILE ORGANICS									
Methyl-t-butyl ether	132.	ug/L	0.50	1.0	8/13/02	18:39	A. Wilson	8260B	7738

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	8/ 6/02		D. Harris	3510

Surrogate	% Recovery	Target Range

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A126998
Sample ID: MW5
Project: 7-0210

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	77.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	100.	69. - 132.
VOA Surr 1,2-DCA-d4	93.	73. - 133.
VOA Surr 1,2-DCA-d4	93.	73. - 133.
VOA Surr Toluene-d8	114.	80. - 121.
VOA Surr Toluene-d8	114.	80. - 121.
VOA Surr, 4-BFB	92.	80. - 128.
VOA Surr, 4-BFB	92.	80. - 128.
VOA Surr, DBFM	104.	81. - 121.
VOA Surr, DBFM	104.	81. - 121.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JOHN ORTEGA
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project: 7-0210
Project Name: EXXONMOBIL 7-0210
Sampler: CHRISTOPHER MITCHELL

Lab Number: 02-A126999
Sample ID: MW6
Sample Type: Water
Site ID: 7-0210

Date Collected: 7/30/02
Time Collected: 11:25
Date Received: 8/ 2/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	2.5	5.0	8/13/02	4:26	D.Yeager	8021B	1846
Ethylbenzene	ND	ug/L	2.5	5.0	8/13/02	4:26	D.Yeager	8021B	1846
Toluene	ND	ug/L	2.5	5.0	8/13/02	4:26	D.Yeager	8021B	1846
Xylenes (Total)	ND	ug/L	2.5	5.0	8/13/02	4:26	D.Yeager	8021B	1846
Methyl-t-butylether	166.	ug/L	2.5	5.0	8/13/02	4:26	D.Yeager	8021B	1846
TPH (Gasoline Range)	144.	ug/L	100.	5.0	8/13/02	4:26	D.Yeager	8015B	1846
TPH (Diesel Range)	ND	ug/L	50.	1.0	8/ 7/02	11:20	D.Haywood	8015B/3510	1926
VOLATILE ORGANICS									
Methyl-t-butyl ether	185.	ug/L	2.50	5.0	8/13/02	19:08	A. Wilson	8260B	7738

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	8/ 6/02		D. Harris	3510

Surrogate	% Recovery	Target Range

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A126999
Sample ID: MW6
Project: 7-0210

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	62.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	100.	69. - 132.
VOA Surr 1,2-DCA-d4	96.	73. - 133.
VOA Surr 1,2-DCA-d4	96.	73. - 133.
VOA Surr Toluene-d8	114.	80. - 121.
VOA Surr Toluene-d8	114.	80. - 121.
VOA Surr, 4-BFB	90.	80. - 128.
VOA Surr, 4-BFB	90.	80. - 128.
VOA Surr, DBFM	106.	81. - 121.
VOA Surr, DBFM	106.	81. - 121.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JOHN ORTEGA
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project: 7-0210
Project Name: EXXONMOBIL 7-0210
Sampler: CHRISTOPHER MITCHELL

Lab Number: 02-A127000
Sample ID: MW7
Sample Type: Water
Site ID: 7-0210

Date Collected: 7/30/02
Time Collected: 11:50
Date Received: 8/ 2/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	0.5	1.0	8/13/02	4:58	D.Yeager	8021B	1846
Ethylbenzene	ND	ug/L	0.5	1.0	8/13/02	4:58	D.Yeager	8021B	1846
Toluene	ND	ug/L	0.5	1.0	8/13/02	4:58	D.Yeager	8021B	1846
Xylenes (Total)	ND	ug/L	0.5	1.0	8/13/02	4:58	D.Yeager	8021B	1846
Methyl-t-butylether	ND	ug/L	0.5	1.0	8/13/02	4:58	D.Yeager	8021B	1846
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	8/13/02	4:58	D.Yeager	8015B	1846
TPH (Diesel Range)	ND	ug/L	50.	1.0	8/ 8/02	5:49	D.Haywood	8015B/3510	1930

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	8/ 6/02		M. Ricke	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	93.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	100.	69. - 132.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A127000
Sample ID: MW7
Project: 7-0210

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

PROJECT QUALITY CONTROL DATA
Project Number: 7-0210

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSIS								
Benzene	mg/l	< 0.0005	0.0492	0.0500	98	74. - 129.	1846	blank
Toluene	mg/l	< 0.0005	0.0488	0.0500	98	74. - 128.	1846	blank
Ethylbenzene	mg/l	< 0.0005	0.0493	0.0500	99	75. - 128.	1846	blank
Xylenes (Total)	mg/l	< 0.0005	0.0968	0.100	97	72. - 126.	1846	blank
Methyl-t-butylether	mg/l	< 0.0005	0.0437	0.0500	87	64. - 133.	1846	blank
TPH (Gasoline Range)	mg/l	< 0.0500	0.954	1.00	95	59. - 128.	1846	blank
TPH (Diesel Range)	mg/l	< 0.050	0.726	1.00	73	23. - 120.	1926	BLANK
TPH (Diesel Range)	mg/l	< 0.050	0.635	1.00	64	23. - 120.	1930	BLANK
BTEX/GRO Surr., a,a,a-TFT	% Recovery				99	69. - 132.	1846	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.0492	0.0443	10.48	15.	1846
Toluene	mg/l	0.0488	0.0439	10.57	15.	1846
Ethylbenzene	mg/l	0.0493	0.0442	10.91	15.	1846
Xylenes (Total)	mg/l	0.0968	0.0876	9.98	19.	1846
Methyl-t-butylether	mg/l	0.0437	0.0415	5.16	23.	1846
TPH (Gasoline Range)	mg/l	0.954	0.891	6.83	22.	1846
TPH (Diesel Range)	mg/l	0.726	0.610	17.37	49.	1926
TPH (Diesel Range)	mg/l	0.635	0.476	28.62	49.	1930
BTEX/GRO Surr., a,a,a-TFT	% Recovery		98.			1846
VOA Surr 1,2-DCA-d4	% Rec		96.			7731
VOA Surr 1,2-DCA-d4	% Rec		96.			7738
VOA Surr Toluene-d8	% Rec		116.			7731
VOA Surr Toluene-d8	% Rec		116.			7738
VOA Surr, 4-BFB	% Rec		94.			7731
VOA Surr, 4-BFB	% Rec		94.			7738

Project QC continued . . .

TestAmerica
INCORPORATED

PROJECT QUALITY CONTROL DATA
Project Number: 7-0210

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
VOA Surr, DBFM	% Rec		106.			7731
VOA Surr, DBFM	% Rec		106.			7738

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.100	0.0866	87	74 - 124	1846
Toluene	mg/l	0.100	0.0933	93	74 - 121	1846
Ethylbenzene	mg/l	0.100	0.0942	94	75 - 123	1846
Xylenes (Total)	mg/l	0.200	0.185	92	72 - 120	1846
Methyl-t-butylether	mg/l	0.100	0.0806	81	64 - 128	1846
TPH (Gasoline Range)	mg/l	1.00	0.954	95	61 - 139	1846
TPH (Diesel Range)	mg/l	1.00	0.410	41	28 - 115	1926
TPH (Diesel Range)	mg/l	1.00	0.614	61	28 - 115	1930
BTEX/GRO Surr., a,a,a-TFT	% Recovery			97	69 - 132	1846

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA PARAMETERS						
Methyl-t-butyl ether	mg/l	0.0500	0.0468	94	66 - 137	7738
VOA Surr 1,2-DCA-d4	% Rec			95	73 - 133	7731
VOA Surr 1,2-DCA-d4	% Rec			95	73 - 133	7738
VOA Surr Toluene-d8	% Rec			116	80 - 121	7731
VOA Surr Toluene-d8	% Rec			116	80 - 121	7738
VOA Surr, 4-BFB	% Rec			96	80 - 128	7731
VOA Surr, 4-BFB	% Rec			96	80 - 128	7738
VOA Surr, DBFM	% Rec			106	81 - 121	7731

Project QC continued . . .

TestAmerica
INCORPORATED

PROJECT QUALITY CONTROL DATA
Project Number: 7-0210

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA Surr, DBFM	% Rec			106	81 - 121	7738

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
Benzene	< 0.0005	mg/l	1846	8/12/02	19:13
Toluene	< 0.0005	mg/l	1846	8/12/02	19:13
Ethylbenzene	< 0.0005	mg/l	1846	8/12/02	19:13
Xylenes (Total)	< 0.0005	mg/l	1846	8/12/02	19:13
Methyl-t-butylether	< 0.0005	mg/l	1846	8/12/02	19:13
TPH (Gasoline Range)	< 0.0500	mg/l	1846	8/12/02	19:13
TPH (Diesel Range)	< 0.050	mg/l	1926	8/ 6/02	18:24
TPH (Diesel Range)	< 0.050	mg/l	1930	8/ 8/02	4:31

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
BTEX/GRO Surr., a,a,a-TFT	99.	% Recovery	1846	8/12/02	19:13

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
VOA PARAMETERS					
Methyl-t-butyl ether	< 0.00014	mg/l	7738	8/13/02	18:10

Project QC continued . . .

TestAmerica
INCORPORATED

PROJECT QUALITY CONTROL DATA
Project Number: 7-0210

VOA Surr 1,2-DCA-d4	93.	% Rec	7731	8/13/02	18:10
VOA Surr 1,2-DCA-d4	93.	% Rec	7738	8/13/02	18:10
VOA Surr Toluene-d8	113.	% Rec	7731	8/13/02	18:10
VOA Surr Toluene-d8	113.	% Rec	7738	8/13/02	18:10
VOA Surr, 4-BFB	93.	% Rec	7731	8/13/02	18:10
VOA Surr, 4-BFB	93.	% Rec	7738	8/13/02	18:10
VOA Surr, DBFM	103.	% Rec	7731	8/13/02	18:10
VOA Surr, DBFM	103.	% Rec	7738	8/13/02	18:10

- Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 295573

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

CHAIN OF CUSTODY RECORD
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

TM ExxonMobil

Consultant Name: ETIC ENGINEERING
Address: 2285 MORELLO AVENUE
City/State/Zip: PLEASANT HILL, CA. 94523
ExxonMobil Project Mgr: TED MOISE
Telephone Number: (925) 602-4710 EXT. 23 **Fax No.:** (925) 602-4720
Sampler Name: (Print) Christopher L Mitchell
Sampler Signature: Christopher L. Mitchell

Report To: JOHN ORTEGA
Invoice To: GENE ORTEGA (EXXONMOBIL TM)
Account #: 3865
PO #: 4501663691
Facility ID # 7-0210
Site Address 7840 AMADOR VALLEY BLVD.
City, State Zip DUBLIN, CA

295973 / Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-G/BTEX BY 8015/8020	MTBE BY 8021B	CONFIRM MTBE HITS BY 8260B	TPH-D BY 8015	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	STD TAT	Fax Results
MW5 126945	7/30	1220	8				X		X						X						X	X	X	X			X	X
MW6	7/30	1125	8				X		X						X						X	X	X	X			X	X
MW7 127000	7/30	1150	8				X		X						X						X	X	X	X			X	X

Special Instructions: GLOBAL ID# T0600100553 EDF FILE REQUIRED

CONFIRM ALL MTBE HITS BY 8260B

Relinquished by:	Date	Time	Received by:	Date	Time
Christopher L. Mitchell	7/30/02	1415			
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
				8/1/02	900

Laboratory Comments:
Temperature Upon Receipt: 2.5
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

TESTAMERICA, INC.

COOLER RECEIPT FORM

Client: ETIC BC# 295573

Cooler Received On: 8/26/2 And Opened On: 8/26/2 By: Mark Beasley

(Signature)

1. Temperature of Cooler when opened 2.5 DEGREES CELSIUS
2. Were custody seals on outside of cooler and intact? ....YES NO
   a. If yes,what kind and where: TAPE 1 Front
   b. Were the signature and date correct? ....YES NO
3. Were custody seals on containers intact? ....YES NO
4. Were custody papers inside cooler? ....YES NO
5. Were custody papers properly filled out (ink,signed,etc)? ....YES NO
6. Did you sign the custody papers in the appropriate place? ....YES NO
7. What kind of packing material was used? Bubblewrap Peanuts Other None
8. Was sufficient ice used (if appropriate)? ....YES NO
9. Did all bottles arrive in good condition(unbroken)? ....YES NO
10. Were all bottle labels complete (#,date,signed,pres,etc)? ....YES NO
11. Did all bottle labels and tags agree with custody papers? ....YES NO
12. Were correct bottles used for the analysis requested? ....YES NO
13. If present, was any observable VOA headspace present? ....YES NO
14. If present, were VOA vials checked for absence of air bubbles and noted if found? ....YES NO
15. Was sufficient amount of sample sent in each bottle? ....YES NO
16. Were correct preservatives used? ....YES NO
17. Was residual chlorine present (if appropriate?) ....YES NO
18. Corrective action taken, if necessary:
    a. Name of person contacted: SEE ATTACHED FOR RESOLUTION IF NEEDED
    b. Date: