

**ExxonMobil**  
**Refining & Supply Company**  
Global Remediation

R 358  
Gene N. Ortega  
Territory Manager  
Global Remediation – US Retail

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Alameda County

MAR 27 2003

Environmental Health

**ExxonMobil**  
Refining & Supply

March 26, 2003

Mr. Don Hwang  
Alameda County Health Care Services  
Department of Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

**RE: Former Exxon RAS #7-0235/2225 Telegraph Avenue, Oakland, California.**

Dear Mr. Hwang:

Attached for your review and comment is a letter report entitled *Quarterly Groundwater Monitoring Report, First Quarter 2003*, dated March 26, 2003, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Novato, California, and presents the details of monitoring and sampling activities at the subject site.

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

Sincerely,

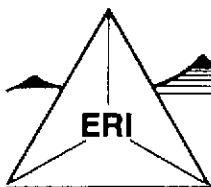


Gene N. Ortega  
Territory Manager

Attachment: ERI's Quarterly Groundwater Monitoring Report, First Quarter 2003, dated March 26, 2003.

cc: w/ attachment  
Mr. Chuck Headlee, California Regional Water Quality Control Board, San Francisco Bay Region  
Mr. Josep A. Aldridge, Valero Energy Corporation

w/o attachment  
Ms. Paula Sime, Environmental Resolutions, Inc.



March 26, 2003  
ERI 222913.R21

Mr. Gene N. Ortega  
ExxonMobil Oil Corporation  
2300 Clayton Road, Suite 1250  
Concord, California 94520

Subject: Quarterly Groundwater Monitoring Report, First Quarter 2003, Former Exxon Service Station 7-0235, 2225 Telegraph Avenue, Oakland, California.

Mr. Ortega:

At the request of ExxonMobil Oil Corporation (ExxonMobil), Environmental Resolutions, Inc. (ERI) performed first quarter 2003 groundwater monitoring and sampling at the subject site. The purpose of quarterly monitoring is to evaluate concentrations of dissolved hydrocarbons in groundwater and groundwater flow direction and hydraulic gradient. The location of the site is shown on the Site Vicinity Map (Plate 1). The locations of groundwater monitoring wells and other select site features are shown on the Generalized Site Plan (Plate 2).

#### **GROUNDWATER MONITORING AND SAMPLING**

On January 7, 2003, ERI measured depth to water (DTW) and collected groundwater samples from select wells for laboratory analyses. Work was performed in accordance with ERI's groundwater sampling protocol (Attachment A).

The groundwater flow direction and calculated hydraulic gradient are shown on Plate 2. Historical and recent monitoring data are summarized in Table 1.

#### **Laboratory Analyses and Results**

ERI submitted groundwater samples to Test America Incorporated (Test America), a California state-certified laboratory, under Chain-of-Custody protocol. The samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg); total petroleum hydrocarbons as motor oil (TPHmo); benzene, toluene, ethylbenzene, and total xylenes (BTEX); methyl tertiary butyl ether (MTBE); and fuel oxygenates including 1,2-dibromoethane (EDB), 1,2-dichloroethane (EDC), di-isopropyl ether (DIPE), tertiary butyl alcohol (TBA), tertiary amyl methyl ether (TAME), and tertiary butyl ethyl ether (ETBE), using the methods listed in the notes in Table 1. The laboratory analysis report and Chain-of-Custody record are provided in Attachment B. Cumulative analytical laboratory results of groundwater samples are summarized in Table 1. Analytical results of groundwater samples collected during the recent sampling event are shown on Plate 2.

**DOCUMENT DISTRIBUTION**

ERI recommends forwarding copies of this report to:

Mr. Don Hwang  
Alameda County Health Care Services Agency  
Department of Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

Mr. Chuck Headlee  
California Regional Water Quality Control Board  
San Francisco Bay Region  
1515 Clay Street, Suite 1400  
Oakland, California 94612

Mr. Joseph A. Aldridge  
Valero Energy Corporation  
685 West Third Street  
Hanford, California 93230

**LIMITATIONS**

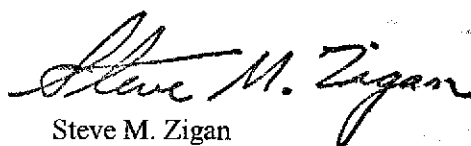
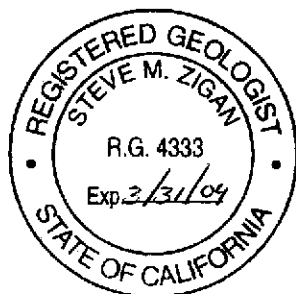
This report was prepared in accordance with generally accepted standards of environmental practice in California at the time this investigation was performed. This report has been prepared for ExxonMobil, and any reliance on this report by third parties shall be at such party's sole risk.

Please call Ms. Paula Sime, ERI's senior staff geologist for this site, at (415) 382-4324 with any questions regarding this report.

Sincerely,  
Environmental Resolutions, Inc.



Paula Sime  
Senior Staff Geologist



Steve M. Zigan  
R.G. 4333  
H.G. 133

Attachments: Table 1: Cumulative Groundwater Monitoring and Sampling Data

Plate 1: Site Vicinity Map

Plate 2: Generalized Site Plan

Attachment A: Groundwater Sampling Protocol

Attachment B: Laboratory Analysis Report and Chain-of-Custody Record



**TABLE 1**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 7-0235

2225 Telegraph Avenue

Oakland, California

(Page 2 of 7)

Well ID # (TOC)	Sampling Date	SUBJ	DTW		TPHg	MTBE	B	T	E	X	TPHmo	Oxygenates	
			-feet-										-feet-
MW6E (cont.) (21.58)	10/25/99	NLPH	13.52	8.06	<50	2.5	<0.5	<0.5	<0.5	<0.5	---	---	
	01/27/00	NLPH	11.71	9.87	<50	2.3	<0.5	<0.5	<0.5	<0.5	---	---	
	04/03/00	NLPH	12.11	9.47	<50	<2	0.51	<0.5	<0.5	<0.5	---	---	
	07/05/00	NLPH	12.91	8.67	<50	<2	3.7	<0.5	<0.5	<0.5	---	---	
	10/04/00	NLPH	13.35	8.23	<50	<2	4.1	<0.5	<0.5	<0.5	---	---	
	10/05/00	---	---	---	---	---	---	---	---	---	<1,000	---	
	01/04/01	NLPH	13.09	8.49	61	<2	11	<0.5	<0.5	<0.5	---	---	
	04/03/01	NLPH	12.39	9.19	<50	<2	<0.5	<0.5	<0.5	<0.5	---	---	
	07/05/01	NLPH	13.21	8.37	210	<2	80	<0.5	0.94	2.3	---	---	
	10/03/01	NLPH	13.30	8.28	<50	<2	2.8	<0.5	<0.5	<0.5	---	---	
	(21.24)	Nov-01	Well surveyed in compliance with AB 2886 requirements.										
		01/02/02	NLPH	10.11	11.13	<100	<0.5	<0.50	<0.50	<0.50	<0.50	---	---
		04/02/02	NLPH	12.11	9.13	<50.0	0.70	<0.50	<0.50	<0.50	<0.50	<100	---
		07/01/02	NLPH	12.46	8.78	56.0	<0.5	19.9	<0.5	<0.5	<0.5	<100b	---
	10/02/02	NLPH	13.48	7.76	<50.0	0.8	0.5	<0.5	<0.5	<0.5	<100	---	
	01/07/03	NLPH	11.81	9.43	<50.0	<0.5/ <0.50 a	0.5	<0.5	<0.5	<0.5	<50	ND	
MW6F (18.58)	11/26/96	NLPH	13.29	5.29	<50	<30	<0.5	<0.5	<0.5	<0.5	---	---	
	02/27/97	---	---	---	---	---	---	---	---	---	---	---	
	05/21/97	NLPH	14.18	4.40	---	---	---	---	---	---	---	---	
	08/18/97	NLPH	14.69	3.89	---	---	---	---	---	---	---	---	
	03/13/98	NLPH	10.93	7.65	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	
	(22.51)	04/20/98	NLPH	11.77	6.81	---	---	---	---	---	---	---	
		07/21/98	NLPH	13.62	8.89	---	---	---	---	---	---	---	
		10/06/98	NLPH	13.52	8.99	---	---	---	---	---	---	---	
		01/11/99	NLPH	14.06	8.45	---	---	---	---	---	---	---	
		04/08/99	NLPH	11.86	10.65	---	---	---	---	---	---	---	
		07/19/99	---	---	---	---	---	---	---	---	---	---	
		07/27/99	Well Inaccessible										
		10/25/99	NLPH	12.63	9.88	---	---	---	---	---	---	---	---
		01/27/00	NLPH	12.23	10.28	---	---	---	---	---	---	---	---
		04/03/00	NLPH	12.11	10.40	---	---	---	---	---	---	---	---
		07/05/00	NLPH	13.38	9.13	<50	<2	<0.5	<0.5	<0.5	<0.5	---	---
		10/04/00	NLPH	14.02	8.49	<50	<2	<0.5	<0.5	<0.5	0.7	---	---
		10/05/00	---	---	---	---	---	---	---	---	---	<1,000	---
		01/04/01	NLPH	13.69	8.82	<50	<2	<0.5	<0.5	<0.5	<0.5	---	---
		04/03/01	NLPH	12.55	9.96	<50	<2	<0.5	<0.5	<0.5	<0.5	---	---
	07/05/01	NLPH	13.74	8.77	<50	<2	<0.5	<0.5	<0.5	<0.5	---	---	
	10/03/01	NLPH	13.82	8.69	<50	<2	<0.5	<0.5	<0.5	<0.5	---	---	
	Nov-01	Well surveyed in compliance with AB 2886 requirements.											
	01/02/02	NLPH	9.16	13.01	<100	<0.5	<0.50	<0.50	<0.50	<0.50	---	---	







TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0235  
 2225 Telegraph Avenue  
 Oakland, California  
 (Page 5 of 7)

Well ID # (TOC)	Sampling Date	SUBJ <-----feet----->	DTW	Elev.	TPHg <----->	MTBE <----->	B <----->	T <----->	E <----->	X <----->	TPHmo <----->	Oxygenates <----->
MW6I (cont.) (20.24)	10/25/99	NLPH	12.79	7.45	---	---	---	---	---	---	---	---
	01/27/00	NLPH	12.06	8.18	<50	<2	<0.5	<0.5	<0.5	<0.5	---	---
	04/03/00	NLPH	12.24	8.00	---	---	---	---	---	---	---	---
	07/05/00	NLPH	12.48	7.76	<50	<2	<0.5	<0.5	<0.5	<0.5	---	---
	10/04/00	---	---	---	---	---	---	---	---	---	---	---
	10/05/00	---	---	---	---	---	---	---	---	---	<1,000	---
	01/04/01	NLPH	12.54	7.70	<50	<2	<0.5	<0.5	<0.5	<0.5	---	---
	04/03/01	NLPH	12.32	7.92	<50	<2	<0.5	<0.5	<0.5	<0.5	---	---
	07/05/01	NLPH	12.55	7.69	<50	<2	<0.5	<0.5	<0.5	<0.5	---	---
	10/03/01	NLPH	12.67	7.57	<50	<2	<0.5	<0.5	<0.5	<0.5	---	---
(19.87)	Nov-01	Well surveyed in compliance with AB 2886 requirements.										
	01/02/02	NLPH	10.98	8.89	<100	<0.5	<0.50	<0.50	<0.50	<0.50	---	---
	04/02/02	NLPH	12.24	7.63	---	---	---	---	---	---	---	---
	07/01/02	NLPH	12.51	7.36	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<100b	---
	10/02/02	NLPH	12.72	7.15	---	---	---	---	---	---	---	---
	01/07/03	NLPH	12.09	7.78	<50.0	<0.5/1.10 a	<0.5	<0.5	<0.5	<0.5	<50	ND
MW6J (20.72)	07/05/01	NLPH	13.47	7.25	<50	<2	<0.5	<0.5	<0.5	<0.5	---	---
(20.75)	10/03/01	NLPH	13.57	7.15	<50	<2	<0.5	<0.5	<0.5	<0.5	---	---
	Nov-01	Well surveyed in compliance with AB 2886 requirements.										
	01/02/02	NLPH	13.19	7.56	<100	<0.5	<0.50	<0.50	<0.50	<0.50	---	---
	04/02/02	NLPH	13.74	7.01	<50.0	1.00	0.80	<0.50	<0.50	0.80	<100	---
	07/01/02	NLPH	13.58	7.17	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<100b	---
	10/02/02	NLPH	13.79	6.96	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5	<100	---
	01/07/03	NLPH	13.49	7.26	<50.0	0.6/1.30 a	<0.5	<0.5	<0.5	<0.5	<50	ND
RW1 (20.24)	Not Monitored 6/16/92 through 10/6/98.											
	01/11/99	NLPH	12.37	7.87	---	---	---	---	---	---	---	---
	04/08/99	NLPH	10.41	9.83	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---
	07/27/99	NLPH	12.76	7.48	---	---	---	---	---	---	---	---
	10/25/99	NLPH	12.50	7.74	---	---	---	---	---	---	---	---
	01/27/00	NLPH	12.11	8.13	---	---	---	---	---	---	---	---
	04/03/00	NLPH	12.07	8.17	---	---	---	---	---	---	---	---
	07/05/00	---	---	---	---	---	---	---	---	---	---	---
	10/04/00	---	---	---	---	---	---	---	---	---	---	---
	10/05/00	---	---	---	---	---	---	---	---	---	---	---
	01/04/01	NLPH	13.90	6.34	8,000	2,500	1,200	65	250	258	---	---
	04/03/01	NLPH	11.92	8.32	4,100	610	62	<2.5	18	61	---	---
	07/05/01	Not sampled: inaccessible										
	10/03/01	NLPH	12.32	7.92	11,000	4,100	1,900	780	150	700	---	---

**TABLE 1  
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 7-0235

2225 Telegraph Avenue

Oakland, California

(Page 6 of 7)

Well ID # (TOC)	Sampling Date	SUBJ <-----feet----->	DTW	Elev.	TPHg	MTBE	B	T	E	X	TPHmo	Oxygenates
<-----ug/L----->												
(20.43)	Nov-01	Well surveyed in compliance with AB 2886 requirements.										
	01/02/02	NLPH	10.85	9.58	32,000	7,760	358	2,270	894	4,820	---	---
	04/02/02	NLPH	11.72	8.71	4,220	922	172	22.5	106	340	<500	---
	07/01/02	NLPH	12.17	8.26	2,500	986	176	8.0	71.0	75.0	<100b	---
	10/02/02	NLPH	12.44	7.99	2,970	1,310	197	11.0	70.0	69.0	1,720	---
	01/07/03	NLPH	11.64	8.79	2,210	747/1,010 a	134	12.0	33.0	53.0	1,340	ND
RW2 (20.44)	Not Monitored 6/16/92 through 4/20/98.											
	07/21/98	NLPH	12.65	7.79	3,500	170	240	100	41	96	---	---
	10/06/98	NLPH	13.06	7.38	3,200	200	120	48	56	120	---	---
	01/11/99	NLPH	12.88	7.56	3,300	350	150	17	35	40	---	---
	04/08/99	sheen	11.76	8.68	---	---	---	---	---	---	---	---
	07/19/99	NLPH	11.61	8.83	1,980	160/499a	44	4.16	22.3	11.6	---	---
	07/27/99	NLPH	13.26	7.18	---	---	---	---	---	---	---	---
	10/25/99	NLPH	12.96	7.48	1,800	440	51	<0.5	4.7	9.5	---	---
	01/27/00	NLPH	12.70	7.74	1,900	750	38	<2.5	4.8	10.4	---	---
	04/03/00	NLPH	11.97	8.47	2,100	300	28	2.4	1.4	0.73	---	---
	07/05/00	NLPH	12.50	7.94	2,300	230	20	<2.5	5.3	8	---	---
	10/04/00	NLPH	12.97	7.47	1,300	570	42	<2.5	15	17.7	---	---
	10/05/00	---	---	---	---	---	---	---	---	---	<1,000	---
	01/04/01	NLPH	13.71	6.73	1,000	380	33	<2.5	13	17.7	---	---
	04/03/01	NLPH	12.10	8.34	1,300	99	18	2.1	16	19.4	---	---
	07/05/01	Not sampled: inaccessible										
	10/03/01	NLPH	12.8	7.64	1,900	240	35	4.4	34	105	---	---
(20.64)	Nov-01	Well surveyed in compliance with AB 2886 requirements.										
	01/02/02	NLPH	10.22	10.42	2,440	76.0	24.4	6.20	26.2	83.0	---	---
	04/02/02	NLPH	12.02	8.62	1,460	47.5	8.60	3.30	5.30	29.1	260	---
	07/01/02	NLPH	12.51	8.13	1,380	39.9	11.0	1.8	17.9	45.0	<100b	---
	10/02/02	NLPH	12.91	7.73	720	46.9	5.5	1.7	3.7	11.9	<100	---
	01/07/03	NLPH	11.61	9.03	1,180	48.0/56.0 a	12.3	3.6	12.2	25.6	197	ND
RW3A (21.75)	Not Monitored 6/16/92 through 4/20/98.											
	07/21/98	NLPH	13.08	8.67	280	16	97	<1.2	<1.2	<1.2	---	---
	10/06/98	NLPH	13.72	8.03	78	26	26	0.89	<0.5	<0.5	---	---
	01/11/99	NLPH	12.00	9.75	1,000	230	490	5.0	<5.0	7.4	---	---
	04/08/99	NLPH	11.90	9.85	130	11	70	<1.0	<1.0	<1.0	---	---
	07/19/99	NLPH	11.75	10.00	989	16.4	393	6.40	5.70	15.0	---	---
	07/27/99	NLPH	13.68	8.07	---	---	---	---	---	---	---	---
	10/25/99	NLPH	13.61	8.14	150	19	53	<0.5	<0.5	<0.5	---	---
	01/27/00	NLPH	12.22	9.53	500	12	210	0.59	1.40	2.29	---	---
	04/03/00	NLPH	12.00	9.75	1,100	16	420	1.6	1.8	1.4	---	---

**TABLE 1**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 7-0235

2225 Telegraph Avenue

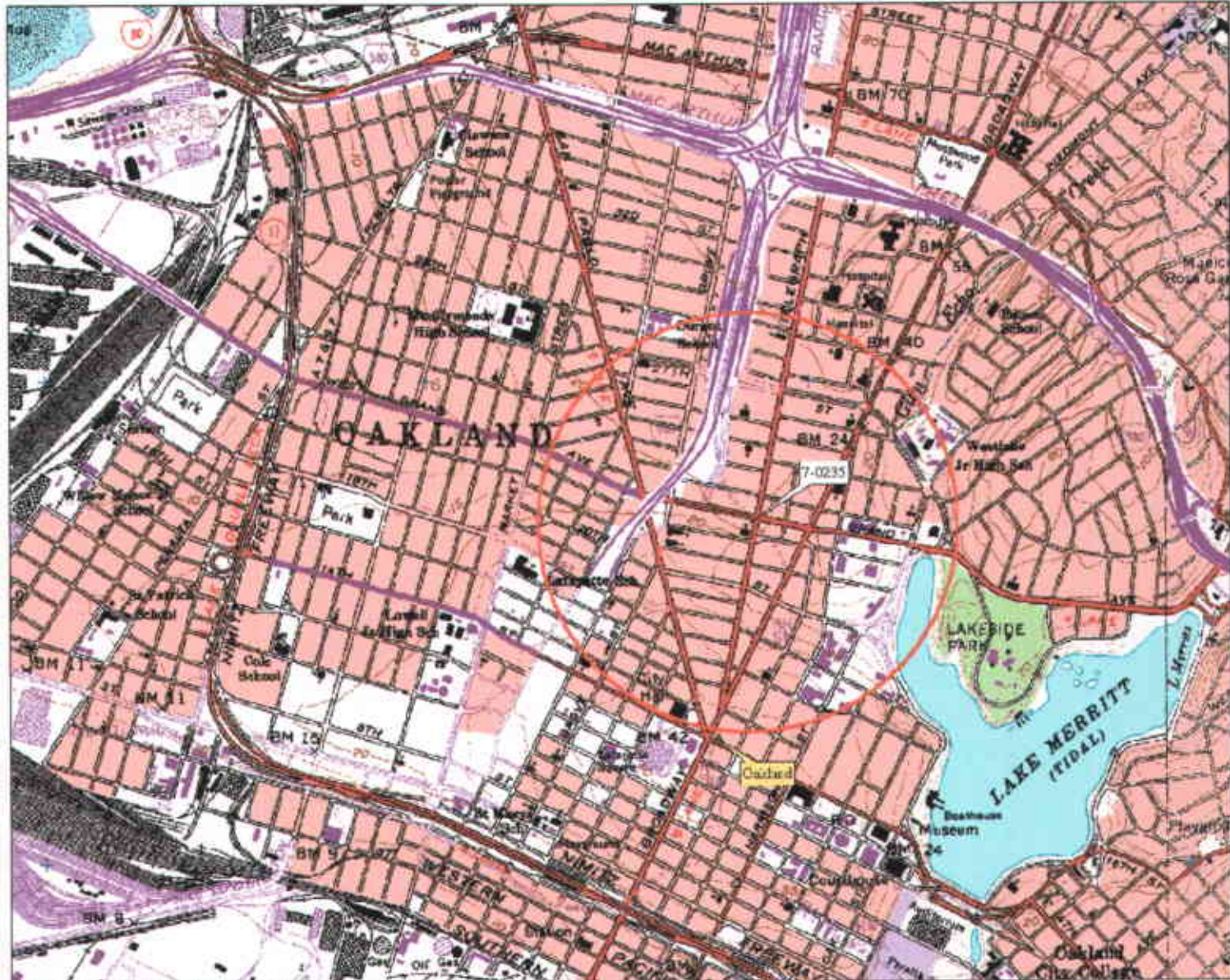
Oakland, California

(Page 7 of 7)

Well ID # (TOC)	Sampling Date	SUBJ <-----feet----->	DTW	Elev.	TPHg	MTBE	B	T	E	X	TPHmo	Oxygenates	
-----ug/L----->													
RW3A (cont.) (21.75)	07/05/00	NLPH	13.01	8.74	1,200	16	440	1.4	2.5	1.9	---	---	
	10/04/00	NLPH	13.60	8.15	390	8.3	160	1.1	1.5	2.6	---	---	
	10/05/00	---	---	---	---	---	---	---	---	---	<1,000	---	
	01/04/01	NLPH	13.65	8.10	500	12	230	0.97	1.1	1.4	---	---	
	04/03/01	NLPH	12.30	9.45	710	7.5	290	<0.5	<0.5	<0.5	---	---	
	07/05/01	NLPH	13.28	8.47	640	9	280	1.4	1.6	2.7	---	---	
	10/03/01	NLPH	13.58	8.17	<50	12	21	<0.5	<0.5	<0.5	---	---	
	(21.89)	Nov-01	Well surveyed in compliance with AB 2886 requirements.										
	01/02/02	NLPH	10.80	11.09	<100	11.2	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
	04/02/02	NLPH	12.03	9.86	55.7	11.0	1.30	<0.50	<0.50	<0.50	<100	---	---
	07/01/02	NLPH	13.13	8.76	275	21.7	60.4	<0.5	2.4	4.2	<100b	---	
	10/02/02	NLPH	13.70	8.19	138	11.1	53.4	<0.5	<0.5	0.7	114	---	
	01/07/03	NLPH	11.77	10.12	<50.0	22.4/30.9 a	1.5	<0.5	<0.5	<0.5	<50	ND	

Notes:

- SUBJ = Results of subjective evaluation.
- NLPH = No liquid-phase hydrocarbons present in well.
- sheen = Liquid-phase hydrocarbon present as sheen.
- TOC = Elevation of top of well casing; relative to mean sea level.
- DTW = Depth to water.
- Elev. = Elevation of groundwater surface; relative to mean sea level.
- TPHg = Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified).
- TPHmo = Total petroleum hydrocarbons as motor oil using EPA Method 8015B.
- MTBE = Methyl tertiary butyl ether analyzed using EPA Method 8021B.
- BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
- Oxygenates = 1,2-Dibromoethane, 1,2-Dichloroethane, Diisopropyl Ether, t-Butyl alcohol, tert-Amyl methyl ether, and tert-Butyl ethyl ether analyzed using EPA Method 8260B.
- < = Less than the indicated reporting limit shown by the laboratory.
- = Not measured/Not sampled.
- ug/L = Micrograms per liter.
- a = Analyzed using EPA Method 8260B.
- b = TPHmo analyses performed outside of hold time.
- c = Tertiary butyl alcohol analyzed using EPA Method 8260B.
- d = Diisopropyl ether analyzed using EPA Method 8260B.



U.S. TopoQuads copyright © 1989 DeLorme Vermont, NH 05404. Source Code: 11022. 1/2" = 1 mile 1:25,000 Detail 20:4 Datum WGS84

FN 2229Topo

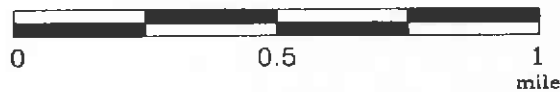
**EXPLANATION**



1/2-mile radius circle



**APPROXIMATE SCALE**



SOURCE:  
Modified from a map  
provided by  
DeLorme 3-D TopoQuads



**SITE VICINITY MAP**

FORMER EXXON SERVICE STATION 7-0235  
2225 Telegraph Avenue  
Oakland, California

**PROJECT NO.**

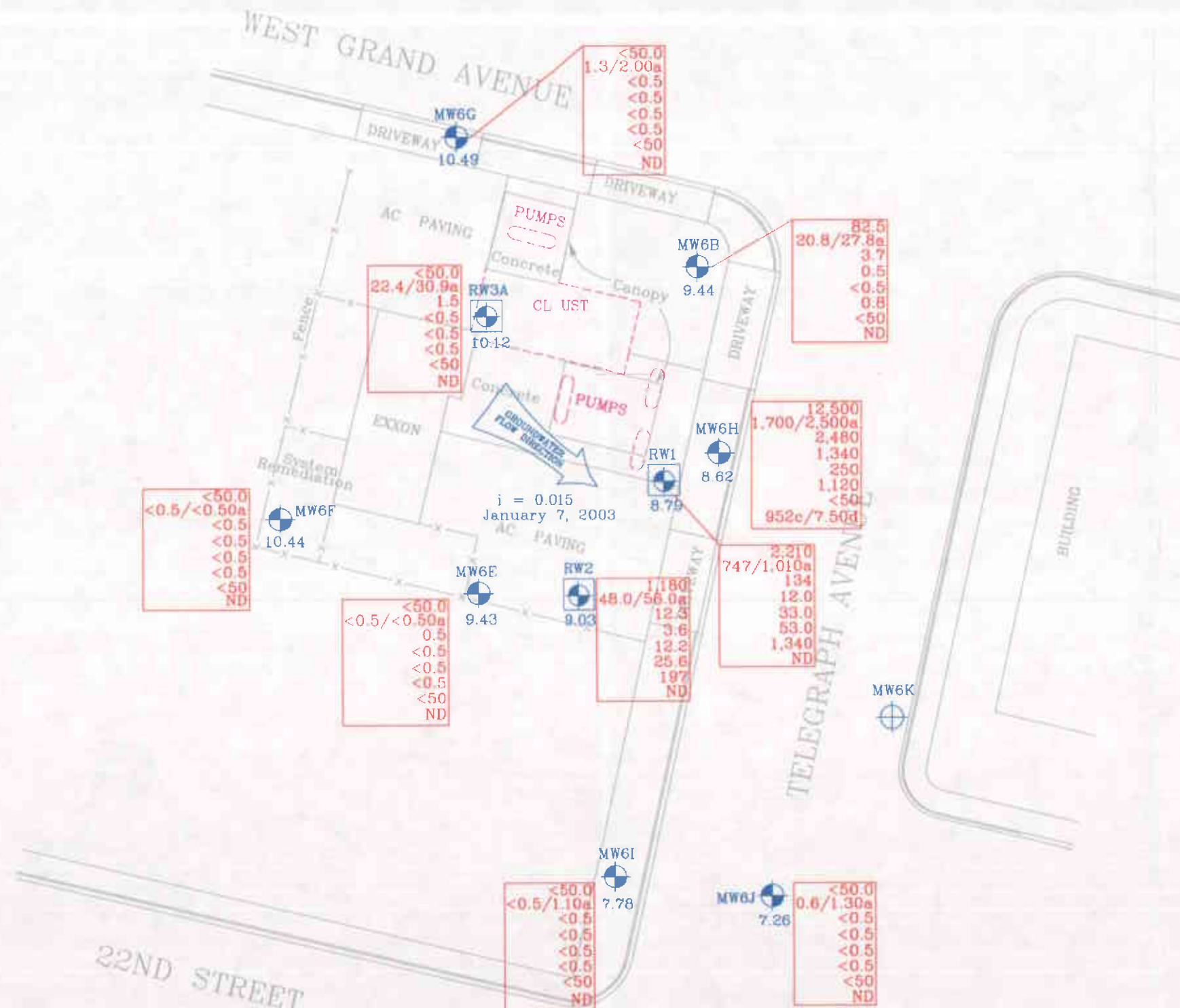
2229

**PLATE**

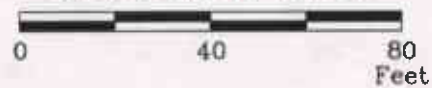
1

Analyte Concentrations in ug/L  
 Sampled January 7, 2003

- 12,500 Total Petroleum Hydrocarbons as gasoline
- 1,700/2,500<sup>a</sup> Methyl Tertiary Butyl Ether
- 2,480 Benzene
- 1,340 Toluene
- 250 Ethylbenzene
- 1,120 Total Xylenes
- <50 Total Petroleum Hydrocarbons as motor oil (TPH<sub>mo</sub>)
- 952<sup>c</sup>/7.50<sup>d</sup> Oxygenates
- < Less Than the Stated Laboratory Reporting Limit
- ug/L Micrograms per Liter
- ND Not Detected
- <sup>a</sup> Analyzed using EPA Method 8260B.
- <sup>c</sup> Tertiary butyl alcohol analyzed using EPA Method 8260B.
- <sup>d</sup> Di-isopropyl ether analyzed using EPA Method 8260B.



APPROXIMATE SCALE



FN 2229004a

i = Interpreted Hydraulic Gradient



**GENERALIZED SITE PLAN**

FORMER  
 EXXON SERVICE STATION 7-0235  
 2225 Telegraph Avenue  
 Oakland, California

**EXPLANATION**

- MW6J Groundwater Monitoring Well
- MW6K Proposed Groundwater Monitoring Well
- 7.28 Groundwater elevation in feet; datum is mean sea level
- RW3A Recovery Groundwater Monitoring Well

**PROJECT NO.**  
2229

**PLATE**  
2

**ATTACHMENT A**

**GROUNDWATER SAMPLING PROTOCOL**

## GROUNDWATER SAMPLING PROTOCOL

The static water level and separate-phase product level, if present, in each well that contains water and/or separate-phase product are measured with an ORS Interface Probe, which is accurate to the nearest 0.01 foot. To calculate groundwater elevations and evaluate groundwater gradient, depth to water (DTW) levels are subtracted from top of casing elevations.

Groundwater samples collected for subjective evaluation are collected by gently lowering approximately half the length of a clean Teflon® or polypropylene bailer past the air-water interface (if possible) and collecting a sample from near the surface of the water in the well. The samples are checked for measurable free-phase hydrocarbons or sheen. If appropriate, free-phase hydrocarbons are removed from the well.

Before water samples are collected from the groundwater monitoring wells, the wells are purged until a minimum of three well casing volumes is purged and stabilization of the temperature, pH, and conductivity is obtained. Water samples from the wells that do not obtain stability of the temperature, pH, and conductivity are considered to be "grab samples". The quantity of water purged from each well is calculated as follows:

1 well casing volume =  $\pi r^2 h (7.48)$  where:

r	=	radius of the well casing in feet.
h	=	column of water in the well in feet (depth to bottom - depth to water)
7.48	=	conversion constant from cubic feet to gallons
$\pi$	=	ratio of the circumference of a circle to its diameter

Gallons of water purged/gallons in 1 well casing volume = well casing volumes removed.

After purging, each well is allowed to recharge to at least 80% of the initial water level. Water samples from wells that do not recover at least 80% (due to slow recharging of the well) between purging and sampling are considered to be "grab samples". Water samples are collected with a new, disposable Teflon® or polypropylene bailer. The groundwater is carefully poured into selected sample containers (40-milliliter (ml) glass vials, 1,000 ml glass amber bottles, etc.), which are filled so as to produce a positive meniscus.

Depending on the required analysis, each sample container is preserved with hydrochloric acid, nitric acid, etc., or it is preservative free. The type of preservative used for each sample is specified on the chain of custody form.

Each vial and glass amber bottle is sealed with a cap containing a Teflon® septum, and subsequently examined for air bubbles to avoid headspace, which would allow volatilization to occur. The samples are promptly transported in iced storage in a thermally-insulated ice chest, accompanied by a Chain of Custody Record, to a California-certified laboratory.

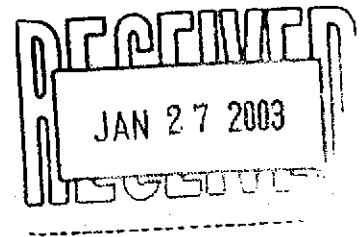
**ATTACHMENT B**

**LABORATORY ANALYSIS REPORT  
AND CHAIN-OF-CUSTODY RECORD**



# TestAmerica

INCORPORATED



1/24/03

ERI - NORTHERN CA 3876  
PAULA SIMP  
73 DIGITAL DRIVE, SUITE 100  
NOVATO, CA 94949

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project 222913X EXXONMOBIL 7-0235. The Laboratory Project number is 315884.

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.

Page 1

Sample Identification	Lab Number	Collection Date
QCBB	03-A2988	1/ 7/03
MW6B	03-A2989	1/ 7/03
MW6E	03-A2990	1/ 7/03
MW6F	03-A2991	1/ 7/03
MW6G	03-A2992	1/ 7/03
MW6H	03-A2993	1/ 7/03
MW6I	03-A2994	1/ 7/03
MW6J	03-A2995	1/ 7/03
RW1	03-A2996	1/ 7/03
RW2	03-A2997	1/ 7/03
RW3A	03-A2998	1/ 7/03

# TestAmerica

INCORPORATED

Page 2

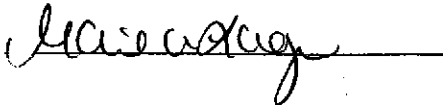
Sample Identification

Lab Number

Collection Date

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

Report Approved By:



Report Date: 1/23/03

\*Revised Report Date\*

Paul E. Lane, Jr., Lab Director  
Michael H. Dunn, M.S., Technical Director  
Johnny A. Mitchell, Dir. Technical Serv.  
Eric S. Smith, Assistant Technical Director  
Roxanne L. Connor, Technical Services

Gail A. Lage, Technical Serv.  
Glenn L. Norton, Technical Serv.  
Kelly S. Comstock, Technical Serv.  
Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 01168CA

## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
PAULA SIME  
73 DIGITAL DRIVE, SUITE 100  
NOVATO, CA 94949

Lab Number: 03-A2988  
Sample ID: QCBB  
Sample Type: Water  
Site ID: 7-0235

Project: 222913X  
Project Name: EXXONMOBIL 7-0235  
Sampler: MARTY MORELLI

Date Collected: 1/ 7/03  
Time Collected: 18:01  
Date Received: 1/ 9/03  
Time Received: 9:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
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### 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.  
DRO received nonpreserved.

End of Sample Report.

## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
 PAULA SIME  
 73 DIGITAL DRIVE, SUITE 100  
 NOVATO, CA 94949

Lab Number: 03-A2989  
 Sample ID: MW6B  
 Sample Type: Water  
 Site ID: 7-0235

Project: 222913X  
 Project Name: EXXONMOBIL 7-0235  
 Sampler: MARTY MORELLI

Date Collected: 1/ 7/03  
 Time Collected: 19:14  
 Date Received: 1/ 9/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report	Dil	Analysis		Analyst	Method	Batch
			Limit	Factor	Date	Time			
<b>*ORGANIC PARAMETERS*</b>									
TRPH ORO (C24-C40)	ND	ug/L	50.	1.0	1/13/03	9:49	D.Haywood	8015B/3510	3386
Benzene	3.7	ug/L	0.5	1.0	1/11/03	0:56	D.Ramey	8021B	2299
Ethylbenzene	ND	ug/L	0.5	1.0	1/11/03	0:56	D.Ramey	8021B	2299
Toluene	0.5	ug/L	0.5	1.0	1/11/03	0:56	D.Ramey	8021B	2299
Xylenes (Total)	0.8	ug/L	0.5	1.0	1/11/03	0:56	D.Ramey	8021B	2299
Methyl-t-butylether	20.8	ug/L	0.5	1.0	1/11/03	0:56	D.Ramey	8021B	2299
TPH (Gasoline Range)	82.5	ug/L	50.0	1.0	1/11/03	0:56	D.Ramey	8015B	2299
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/16/03	12:07	S. Davis	8260B	8369
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/16/03	12:07	S. Davis	8260B	8369
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/16/03	12:07	S. Davis	8260B	8369
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/16/03	12:07	S. Davis	8260B	8369
1,2-Dichloroethane	ND	ug/L	0.50	1.0	1/16/03	12:07	S. Davis	8260B	8369
Methyl-t-butyl ether	27.8	ug/L	0.50	1.0	1/16/03	12:07	S. Davis	8260B	8369
Diisopropyl ether	ND	ug/L	0.50	1.0	1/16/03	12:07	S. Davis	8260B	8369

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A2989

Sample ID: MW6B

Project: 222913X

Page 2

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Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	1/10/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	99.	41. - 155.
BTEX/GRO Surr., a,a,a-TFT	105.	69. - 132.
VOA Surr 1,2-DCA-d4	100.	73. - 133.
VOA Surr Toluene-d8	98.	80. - 121.
VOA Surr, 4-BPE	101.	80. - 128.
VOA Surr, DBPM	99.	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.  
 DRO received nonpreserved.  
 MOTOR OIL IS LESS THAN 0.100 MG/L

End of Sample Report.

## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
 PAULA SIME  
 73 DIGITAL DRIVE, SUITE 100  
 NOVATO, CA 94949

Lab Number: 03-A2990  
 Sample ID: MW6E  
 Sample Type: Water  
 Site ID: 7-0235

Project: 222913X  
 Project Name: EXXONMOBIL 7-0235  
 Sampler: MARTY MORELLI

Date Collected: 1/ 7/03  
 Time Collected: 18:57  
 Date Received: 1/ 9/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report	Dil	Analysis		Analyst	Method	Batch
			Limit	Factor	Date	Time			
*ORGANIC PARAMETERS*									
TRPH ORO (C24-C40)	ND	ug/L	50.	1.0	1/13/03	10:08	D.Haywood	8015B/3510	3386
Benzene	0.5	ug/L	0.5	1.0	1/11/03	1:28	D.Ramey	8021B	2299
Ethylbenzene	ND	ug/L	0.5	1.0	1/11/03	1:28	D.Ramey	8021B	2299
Toluene	ND	ug/L	0.5	1.0	1/11/03	1:28	D.Ramey	8021B	2299
Xylenes (Total)	ND	ug/L	0.5	1.0	1/11/03	1:28	D.Ramey	8021B	2299
Methyl-t-butylether	ND	ug/L	0.5	1.0	1/11/03	1:28	D.Ramey	8021B	2299
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	1/11/03	1:28	D.Ramey	8015B	2299
*VOLATILE ORGANICS*									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/16/03	12:38	S. Davis	8260B	8369
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/16/03	12:38	S. Davis	8260B	8369
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/16/03	12:38	S. Davis	8260B	8369
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/16/03	12:38	S. Davis	8260B	8369
1,2-Dichloroethane	ND	ug/L	0.50	1.0	1/16/03	12:38	S. Davis	8260B	8369
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	1/16/03	12:38	S. Davis	8260B	8369
Diisopropyl ether	ND	ug/L	0.50	1.0	1/16/03	12:38	S. Davis	8260B	8369

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
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Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A2990

Sample ID: MW6E

Project: 222913X

Page 2

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	1/10/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	104.	41. - 155.
BTEX/GRO Surr., a,a,a-TFT	105.	69. - 132.
VOA Surr 1,2-DCA-d4	100.	73. - 133.
VOA Surr Toluene-d8	97.	80. - 121.
VOA Surr, 4-BFB	99.	80. - 128.
VOA Surr, DBFM	100.	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.  
 DRO received nonpreserved.  
 MOTOR OIL IS LESS THAN 0.100 MG/L

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
 PAULA SIME  
 73 DIGITAL DRIVE, SUITE 100  
 NOVATO, CA 94949

Lab Number: 03-A2991  
 Sample ID: MW6F  
 Sample Type: Water  
 Site ID: 7-0235

Project: 222913X  
 Project Name: EXXONMOBIL 7-0235  
 Sampler: MARTY MORELLI

Date Collected: 1/ 7/03  
 Time Collected: 18:03  
 Date Received: 1/ 9/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
TRPH ORO (C24-C40)	ND	ug/L	50.	1.0	1/12/03	1:18	D.Haywood	8015B/3510	3386
Benzene	ND	ug/L	0.5	1.0	1/11/03	1:59	D.Ramey	8021B	2299
Ethylbenzene	ND	ug/L	0.5	1.0	1/11/03	1:59	D.Ramey	8021B	2299
Toluene	ND	ug/L	0.5	1.0	1/11/03	1:59	D.Ramey	8021B	2299
Xylenes (Total)	ND	ug/L	0.5	1.0	1/11/03	1:59	D.Ramey	8021B	2299
Methyl-t-butylether	ND	ug/L	0.5	1.0	1/11/03	1:59	D.Ramey	8021B	2299
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	1/11/03	1:59	D.Ramey	8015B	2299
*VOLATILE ORGANICS*									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/16/03	13:09	S. Davis	8260B	8369
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/16/03	13:09	S. Davis	8260B	8369
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/16/03	13:09	S. Davis	8260B	8369
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/16/03	13:09	S. Davis	8260B	8369
1,2-Dichloroethane	ND	ug/L	0.50	1.0	1/16/03	13:09	S. Davis	8260B	8369
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	1/16/03	13:09	S. Davis	8260B	8369
Diisopropyl ether	ND	ug/L	0.50	1.0	1/16/03	13:09	S. Davis	8260B	8369

Silica Gel Cleanup performed for TPH-DRO analysis.

### Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				

Sample report continued . . .



## ANALYTICAL REPORT

Laboratory Number: 03-A2991  
 Sample ID: MW6F  
 Project: 222913X  
 Page 2

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	1/10/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	88.	41. - 155.
BTEX/GRO Surr., a,a,a-TPT	104.	69. - 132.
VOA Surr 1,2-DCA-d4	99.	73. - 133.
VOA Surr Toluene-d8	97.	80. - 121.
VOA Surr, 4-BFB	101.	80. - 128.
VOA Surr, DBFM	101.	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.  
 DRO received nonpreserved.  
 MOTOR OIL IS LESS THAN 0.100 MG/L

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
 PAULA SIME  
 73 DIGITAL DRIVE, SUITE 100  
 NOVATO, CA 94949

Lab Number: 03-A2992  
 Sample ID: MW6G  
 Sample Type: Water  
 Site ID: 7-0235

Project: 222913X  
 Project Name: EXXONMOBIL 7-0235  
 Sampler: MARTY MORELLI

Date Collected: 1/ 7/03  
 Time Collected: 18:41  
 Date Received: 1/ 9/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
TRPH ORO (C24-C40)	ND	ug/L	50.	1.0	1/12/03	1:37	D. Haywood	8015B/3510	3386
Benzene	ND	ug/L	0.5	1.0	1/11/03	2:31	D. Ramey	8021B	2299
Ethylbenzene	ND	ug/L	0.5	1.0	1/11/03	2:31	D. Ramey	8021B	2299
Toluene	ND	ug/L	0.5	1.0	1/11/03	2:31	D. Ramey	8021B	2299
Xylenes (Total)	ND	ug/L	0.5	1.0	1/11/03	2:31	D. Ramey	8021B	2299
Methyl-t-butylether	1.3	ug/L	0.5	1.0	1/11/03	2:31	D. Ramey	8021B	2299
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	1/11/03	2:31	D. Ramey	8015B	2299
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/16/03	13:40	S. Davis	8260B	8369
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/16/03	13:40	S. Davis	8260B	8369
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/16/03	13:40	S. Davis	8260B	8369
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/16/03	13:40	S. Davis	8260B	8369
1,2-Dichloroethane	ND	ug/L	0.50	1.0	1/16/03	13:40	S. Davis	8260B	8369
Methyl-t-butyl ether	2.00	ug/L	0.50	1.0	1/16/03	13:40	S. Davis	8260B	8369
Diisopropyl ether	ND	ug/L	0.50	1.0	1/16/03	13:40	S. Davis	8260B	8369

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A2992  
 Sample ID: MW6G  
 Project: 222913X  
 Page 2

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	1/10/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	94.	41. - 155.
BTEX/GRO Surr., a,a,a-TFT	103.	69. - 132.
VOA Surr 1,2-DCA-d4	103.	73. - 133.
VOA Surr Toluene-d8	98.	80. - 121.
VOA Surr, 4-BFB	100.	80. - 128.
VOA Surr, DBFM	102.	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.  
 DRO received nonpreserved.  
 MOTOR OIL IS LESS THAN 0.100 MG/L.

End of Sample Report.

## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
 PAULA SIME  
 73 DIGITAL DRIVE, SUITE 100  
 NOVATO, CA 94949

Lab Number: 03-A2993  
 Sample ID: MW6H  
 Sample Type: Water  
 Site ID: 7-0235

Project: 222913X  
 Project Name: EXXONMOBIL 7-0235  
 Sampler: MARTY MORELLI

Date Collected: 1/ 7/03  
 Time Collected: 20:07  
 Date Received: 1/ 9/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
TRPH ORO (C24-C40)	ND	ug/L	50.	1.0	1/12/03	1:56	D.Haywood	8015B/3510	3386
Benzene	2480	ug/L	25.0	50.0	1/11/03	3:03	D.Ramey	8021B	2299
Ethylbenzene	250.	ug/L	25.0	50.0	1/11/03	3:03	D.Ramey	8021B	2299
Toluene	1340	ug/L	25.0	50.0	1/11/03	3:03	D.Ramey	8021B	2299
Xylenes (Total)	1120	ug/L	25.0	50.0	1/11/03	3:03	D.Ramey	8021B	2299
Methyl-t-butylether	1700	ug/L	25.0	50.0	1/11/03	3:03	D.Ramey	8021B	2299
TPH (Gasoline Range)	12500	ug/L	2500	50.0	1/11/03	3:03	D.Ramey	8015B	2299
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/16/03	14:11	S. Davis	8260B	8369
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/16/03	14:11	S. Davis	8260B	8369
Tertiary butyl alcohol	952.	ug/L	10.0	1.0	1/16/03	14:11	S. Davis	8260B	8369
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/16/03	14:11	S. Davis	8260B	8369
1,2-Dichloroethane	ND	ug/L	0.50	1.0	1/16/03	14:11	S. Davis	8260B	8369
Methyl-t-butyl ether	2500	ug/L	25.0	50.0	1/17/03	16:30	L. Lowery	8260B	9469
Diisopropyl ether	7.50	ug/L	0.50	1.0	1/16/03	14:11	S. Davis	8260B	8369

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A2993

Sample ID: MW6H

Project: 222913X

Page 2

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 Sample Extraction Data

Parameter	WT/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	1/10/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	94.	41. - 155.
STEX/GRO Surr., a,a,a-TFT	105.	69. - 132.
VOA Surr 1,2-DCA-d4	102.	73. - 133.
VOA Surr Toluene-d8	97.	80. - 121.
VOA Surr, 4-BFB	101.	80. - 128.
VOA Surr, DBFM	100.	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.  
 DRO received nonpreserved.  
 MOTOR OIL IS LESS THAN 0.100 MG/L.

End of Sample Report.

## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
 PAULA SIME  
 73 DIGITAL DRIVE, SUITE 100  
 NOVATO, CA 94949

Lab Number: 03-A2994  
 Sample ID: MW6I  
 Sample Type: Water  
 Site ID: 7-0235

Project: 222913X  
 Project Name: EXXONMOBIL 7-0235  
 Sampler: MARTY MORELLI

Date Collected: 1/ 7/03  
 Time Collected: 18:21  
 Date Received: 1/ 9/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report	Dil	Analysis		Analyst	Method	Batch
			Limit	Factor	Date	Time			
*ORGANIC PARAMETERS*									
TRPH ORO (C24-C40)	ND	ug/L	50.	1.0	1/12/03	2:15	D.Haywood	8015B/3510	3386
Benzene	ND	ug/L	0.5	1.0	1/11/03	3:35	D.Ramey	8021B	2299
Ethylbenzene	ND	ug/L	0.5	1.0	1/11/03	3:35	D.Ramey	8021B	2299
Toluene	ND	ug/L	0.5	1.0	1/11/03	3:35	D.Ramey	8021B	2299
Xylenes (Total)	ND	ug/L	0.5	1.0	1/11/03	3:35	D.Ramey	8021B	2299
Methyl-t-butylether	ND	ug/L	0.5	1.0	1/11/03	3:35	D.Ramey	8021B	2299
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	1/11/03	3:35	D.Ramey	8015B	2299
*VOLATILE ORGANICS*									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/17/03	15:28	L. Lowery	8260B	9469
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/17/03	15:28	L. Lowery	8260B	9469
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/17/03	15:28	L. Lowery	8260B	9469
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/17/03	15:28	L. Lowery	8260B	9469
1,2-Dichloroethane	ND	ug/L	0.50	1.0	1/17/03	15:28	L. Lowery	8260B	9469
Methyl-t-butyl ether	1.10	ug/L	0.50	1.0	1/17/03	15:28	L. Lowery	8260B	9469
Diisopropyl ether	ND	ug/L	0.50	1.0	1/17/03	15:28	L. Lowery	8260B	9469

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
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Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A2994  
 Sample ID: MW6I  
 Project: 222913X  
 Page 2

-----  
 Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	1/10/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	85.	41. - 155.
BTEX/GRO Surr., a,a,a-TFT	104.	69. - 132.
VOA Surr 1,2-DCA-d4	109.	73. - 133.
VOA Surr Toluene-d8	97.	80. - 121.
VOA Surr, 4-BFB	99.	80. - 128.
VOA Surr, DBPM	105.	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.  
 DRO received nonpreserved.  
 MOTOR OIL IS LESS THAN 0.100 MG/L.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
 PAULA SIME  
 73 DIGITAL DRIVE, SUITE 100  
 NOVATO, CA 94949

Lab Number: 03-A2995  
 Sample ID: MW6J  
 Sample Type: Water  
 Site ID: 7-0235

Project: 222913X  
 Project Name: EXXONMOBIL 7-0235  
 Sampler: MARTY MORELLI

Date Collected: 1/ 7/03  
 Time Collected: 13:17  
 Date Received: 1/ 9/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
TRPH ORO (C24-C40)	ND	ug/L	50.	1.0	1/12/03	2:34	D.Haywood	8015B/3510	3386
Benzene	ND	ug/L	0.5	1.0	1/11/03	4:07	D.Ramey	8021B	2299
Ethylbenzene	ND	ug/L	0.5	1.0	1/11/03	4:07	D.Ramey	8021B	2299
Toluene	ND	ug/L	0.5	1.0	1/11/03	4:07	D.Ramey	8021B	2299
Xylenes (Total)	ND	ug/L	0.5	1.0	1/11/03	4:07	D.Ramey	8021B	2299
Methyl-t-butylether	0.6	ug/L	0.5	1.0	1/11/03	4:07	D.Ramey	8021B	2299
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	1/11/03	4:07	D.Ramey	8015B	2299
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/17/03	15:59	L. Lowery	8260B	9469
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/17/03	15:59	L. Lowery	8260B	9469
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/17/03	15:59	L. Lowery	8260B	9469
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/17/03	15:59	L. Lowery	8260B	9469
1,2-Dichloroethane	ND	ug/L	0.50	1.0	1/17/03	15:59	L. Lowery	8260B	9469
Methyl-t-butyl ether	1.30	ug/L	0.50	1.0	1/17/03	15:59	L. Lowery	8260B	9469
Diisopropyl ether	ND	ug/L	0.50	1.0	1/17/03	15:59	L. Lowery	8260B	9469

Silica Gel Cleanup performed for TPH-DRO analysis.

### Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method

Sample report continued . . .



## ANALYTICAL REPORT

Laboratory Number: 03-A2995  
 Sample ID: MW6J  
 Project: 222913X  
 Page 2

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 Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	1/10/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	99.	41. - 155.
BTEX/GRO Surr., a,a,a-TFT	105.	69. - 132.
VOA Surr 1,2-DCA-d4	108.	73. - 133.
VOA Surr Toluene-d8	98.	80. - 121.
VOA Surr, 4-BFB	99.	80. - 128.
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.  
 DRO received nonpreserved.  
 MOTOR OIL IS LESS THAN 0.100 MG/L.

End of Sample Report.

## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
 PAULA SIME  
 73 DIGITAL DRIVE, SUITE 100  
 NOVATO, CA 94949

Lab Number: 03-A2996  
 Sample ID: RW1  
 Sample Type: Water  
 Site ID: 7-0235

Project: 222913X  
 Project Name: EXXONMOBIL 7-0235  
 Sampler: MARTY MORELLI

Date Collected: 1/ 7/03  
 Time Collected: 20:21  
 Date Received: 1/ 9/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
TRPH ORO (C24-C40)	1340	ug/L	100.	2.0	1/12/03	10:27	D.Haywood	8015B/3510	3386
Benzene	134.	ug/L	5.0	10.0	1/11/03	5:42	D.Ramey	8021B	2299
Ethylbenzene	33.0	ug/L	5.0	10.0	1/11/03	5:42	D.Ramey	8021B	2299
Toluene	12.0	ug/L	5.0	10.0	1/11/03	5:42	D.Ramey	8021B	2299
Xylenes (Total)	53.0	ug/L	5.0	10.0	1/11/03	5:42	D.Ramey	8021B	2299
Methyl-t-butylether	747.	ug/L	5.0	10.0	1/11/03	5:42	D.Ramey	8021B	2299
TPH (Gasoline Range)	2210	ug/L	500.	10.0	1/11/03	5:42	D.Ramey	8015B	2299
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	10.0	20.0	1/17/03	17:01	L. Lowery	8260B	9469
tert-amyl methyl ether	ND	ug/L	10.0	20.0	1/17/03	17:01	L. Lowery	8260B	9469
Tertiary butyl alcohol	ND	ug/L	200.	20.0	1/17/03	17:01	L. Lowery	8260B	9469
1,2-Dibromoethane	ND	ug/L	10.0	20.0	1/17/03	17:01	L. Lowery	8260B	9469
1,2-Dichloroethane	ND	ug/L	10.0	20.0	1/17/03	17:01	L. Lowery	8260B	9469
Methyl-t-butyl ether	1010	ug/L	10.0	20.0	1/17/03	17:01	L. Lowery	8260B	9469
Diisopropyl ether	ND	ug/L	10.0	20.0	1/17/03	17:01	L. Lowery	8260B	9469

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A2996

Sample ID: RW1

Project: 222913X

Page 2

### Sample Extraction Data

Parameter	WT/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	1/10/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	88.	41. - 155.
BTEX/GRO Surr., a,a,a-TFT	107.	69. - 132.
VOA Surr 1,2-DCA-d4	107.	73. - 133.
VOA Surr Toluene-d8	98.	80. - 121.
VOA Surr, 4-BFB	99.	80. - 128.
VOA Surr, DBFM	103.	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.  
 DRO received nonpreserved.  
 MOTOR OIL EQUALS 1.378 MG/L.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
 PAULA SIME  
 73 DIGITAL DRIVE, SUITE 100  
 NOVATO, CA 94949

Lab Number: 03-A2997  
 Sample ID: RW2  
 Sample Type: Water  
 Site ID: 7-0235

Project: 222913X  
 Project Name: EXXONMOBIL 7-0235  
 Sampler: MARTY MORELLI

Date Collected: 1/ 7/03  
 Time Collected: 19:47  
 Date Received: 1/ 9/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
TRPH ORO (C24-C40)	197.	ug/L	100.	2.0	1/13/03	10:46	D.Haywood	8015B/3510	3386
Benzene	12.3	ug/L	0.5	1.0	1/11/03	6:14	D.Ramey	8021B	2299
Ethylbenzene	12.2	ug/L	0.5	1.0	1/11/03	6:14	D.Ramey	8021B	2299
Toluene	3.6	ug/L	0.5	1.0	1/11/03	6:14	D.Ramey	8021B	2299
Xylenes (Total)	25.6	ug/L	0.5	1.0	1/11/03	6:14	D.Ramey	8021B	2299
Methyl-t-butylether	48.0	ug/L	0.5	1.0	1/11/03	6:14	D.Ramey	8021B	2299
TPH (Gasoline Range)	1180	ug/L	50.0	1.0	1/11/03	6:14	D.Ramey	8015B	2299
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/16/03	16:16	S. Davis	8260B	8369
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/16/03	16:16	S. Davis	8260B	8369
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/16/03	16:16	S. Davis	8260B	8369
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/16/03	16:16	S. Davis	8260B	8369
1,2-Dichloroethane	ND	ug/L	0.50	1.0	1/16/03	16:16	S. Davis	8260B	8369
Methyl-t-butyl ether	56.0	ug/L	0.50	1.0	1/16/03	16:16	S. Davis	8260B	8369
Diisopropyl ether	ND	ug/L	0.50	1.0	1/16/03	16:16	S. Davis	8260B	8369

Silica Gel Cleanup performed for TPH-DRO analysis.

### Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A2997  
 Sample ID: RW2  
 Project: 222913X  
 Page 2

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	1/10/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	85.	41. - 155.
BTEX/GRO Surr., a,a,a-TFT	117.	69. - 132.
VOA Surr 1,2-DCA-d4	97.	73. - 133.
VOA Surr Toluene-d8	100.	80. - 121.
VOA Surr, 4-BFB	102.	80. - 128.
VOA Surr, DBFM	96.	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.
- DRO received nonpreserved.
- MOTOR OIL EQUALS 0.197 MG/L.

End of Sample Report.

# Test America

INCORPORATED

## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
 PAULA SIME  
 73 DIGITAL DRIVE, SUITE 100  
 NOVATO, CA 94949

Lab Number: 03-A2998  
 Sample ID: RW3A  
 Sample Type: Water  
 Site ID: 7-0235

Project: 222913X  
 Project Name: EXXONMOBIL 7-0235  
 Sampler: MARTY MORELLI

Date Collected: 1/ 7/03  
 Time Collected: 19:31  
 Date Received: 1/ 9/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
TRPH ORO (C24-C40)	ND	ug/L	50.	2.0	1/13/03	11:05	D.Haywood	8015B/3510	3386
Benzene	1.5	ug/L	0.5	1.0	1/11/03	6:46	D.Ramey	8021B	2299
Ethylbenzene	ND	ug/L	0.5	1.0	1/11/03	6:46	D.Ramey	8021B	2299
Toluene	ND	ug/L	0.5	1.0	1/11/03	6:46	D.Ramey	8021B	2299
Xylenes (Total)	ND	ug/L	0.5	1.0	1/11/03	6:46	D.Ramey	8021B	2299
Methyl-t-butylether	22.4	ug/L	0.5	1.0	1/11/03	6:46	D.Ramey	8021B	2299
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	1/11/03	6:46	D.Ramey	8015B	2299
*VOLATILE ORGANICS*									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/16/03	16:47	S. Davis	8260B	8369
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/16/03	16:47	S. Davis	8260B	8369
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/16/03	16:47	S. Davis	8260B	8369
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/16/03	16:47	S. Davis	8260B	8369
1,2-Dichloroethane	ND	ug/L	0.50	1.0	1/16/03	16:47	S. Davis	8260B	8369
Methyl-t-butyl ether	30.9	ug/L	0.50	1.0	1/16/03	16:47	S. Davis	8260B	8369
Diisopropyl ether	ND	ug/L	0.50	1.0	1/16/03	16:47	S. Davis	8260B	8369

Silica Gel Cleanup performed for TPH-DRO analysis.

### Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A2998  
 Sample ID: RW3A  
 Project: 222913X  
 Page 2

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 Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	1/10/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	96.	41. - 155.
BTEX/GRO Surr., a,a,a-TFT	106.	69. - 132.
VOA Surr 1,2-DCA-d4	101.	73. - 133.
VOA Surr Toluene-d8	98.	80. - 121.
VOA Surr, 4-BFB	100.	80. - 128.
VOA Surr, DBFM	99.	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.  
 DRO received nonpreserved.  
 MOTOR OIL IS LESS THAN 0.100 MG/L.

End of Sample Report.

**PROJECT QUALITY CONTROL DATA**

**Project Number: 222913X**

**Project Name: EXXONMOBIL 7-0235**

**Page: 1**

**Laboratory Receipt Date: 1/ 9/03**

**Matrix Spike Recovery**

Note: If Blank is referenced as the sample spiked, insufficient volume was received for MS/MSD analysis for that method and the method requirements for MS/MSD analysis could not be met.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
<b>**UST ANALYSIS**</b>								
Benzene	mg/l	0.0037	0.0566	0.0500	106	74. - 129.	2299	03-A2989
Toluene	mg/l	0.0005	0.0508	0.0500	101	74. - 128.	2299	03-A2989
Ethylbenzene	mg/l	< 0.0005	0.0508	0.0500	102	75. - 128.	2299	03-A2989
Xylenes (Total)	mg/l	0.0008	0.101	0.100	100	72. - 126.	2299	03-A2989
Methyl-t-butylether	mg/l	0.0208	0.0694	0.0500	97	64. - 133.	2299	03-A2989
TPH (Gasoline Range)	mg/l	0.0825	0.632	1.00	55#	59. - 128.	2299	03-A2989
BTEX/GRO Surr., a,a,a-TFT	% Recovery				109	69 - 132	2299	
VOA Surr 1,2-DCA-d4	% Rec				96	73. - 133.	8369	
VOA Surr Toluene-d8	% Rec				102	80. - 121.	8369	
VOA Surr, 4-BFB	% Rec				103	80. - 128.	8369	
VOA Surr, DBFM	% Rec				97	81. - 121.	8369	

**Matrix Spike Duplicate**

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
<b>**UST PARAMETERS**</b>						
Benzene	mg/l	0.0566	0.0587	3.64	15.	2299
Toluene	mg/l	0.0508	0.0529	4.05	15.	2299
Ethylbenzene	mg/l	0.0508	0.0529	4.05	15.	2299
Xylenes (Total)	mg/l	0.101	0.105	3.88	19.	2299
Methyl-t-butylether	mg/l	0.0694	0.0708	2.00	23.	2299
TPH (Gasoline Range)	mg/l	0.632 <sup>†</sup>	0.590	6.87	22.	2299
BTEX/GRO Surr., a,a,a-TFT	% Recovery		108.			2299

Project QC continued . . .



**PROJECT QUALITY CONTROL DATA**

Project Number: 222913X  
 Project Name: EXXONMOBIL 7-0235  
 Page: 2  
 Laboratory Receipt Date: 1/ 9/03

VOA Surr 1,2-DCA-d4	% Rec	97.	8369
VOA Surr Toluene-d8	% Rec	101.	8369
VOA Surr, 4-BFB	% Rec	102.	8369
VOA Surr, DBFM	% Rec	96.	8369

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
-----	-----	-----	-----	-----	-----	-----
<b>**UST PARAMETERS**</b>						
Benzene	mg/l	0.100	0.100	100	74 - 124	2299
Toluene	mg/l	0.100	0.0970	97	74 - 121	2299
Ethylbenzene	mg/l	0.100	0.0991	99	75 - 123	2299
Xylenes (Total)	mg/l	0.200	0.197	98	72 - 120	2299
Methyl-t-butylether	mg/l	0.100	0.0940	94	64 - 128	2299
TPH (Gasoline Range)	mg/l	1.00	0.632	63	61 - 139	2299
BTEX/GRO Surr., a,a,a-TFT	% Recovery			109	69 - 132	2299

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
-----	-----	-----	-----	-----	-----	-----
<b>**VOA PARAMETERS**</b>						
Ethyl-t-butylether	mg/l	0.0500	0.0572	114	69 - 142	8369
Ethyl-t-butylether	mg/l	0.0500	0.0536	107	69 - 142	9469
tert-amyl methyl ether	mg/L	0.0500	0.0525	105	70 - 141	8369
tert-amyl methyl ether	mg/L	0.0500	0.0516	103	70 - 141	9465
Tertiary butyl alcohol	mg/l	0.500	0.642	128	35 - 157	8369
Tertiary butyl alcohol	mg/l	0.500	0.618	124	35 - 157	9469
1,2-Dibromoethane	mg/l	0.0500	0.0600	120	79 - 126	8369
1,2-Dibromoethane	mg/l	0.0500	0.0616	123	79 - 126	9469
1,2-Dichloroethane	mg/l	0.0500	0.0527	105	71 - 135	8369
1,2-Dichloroethane	mg/l	0.0500	0.0573	115	71 - 135	9469
Methyl-t-butyl ether	mg/l	0.0500	0.0627	125	66 - 137	8369

Project QC continued . . .

# TestAmerica

INCORPORATED

**PROJECT QUALITY CONTROL DATA**

Project Number: 222913X  
 Project Name: EXXONMOBIL 7-0235  
 Page: 3  
 Laboratory Receipt Date: 1/ 9/03

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Methyl-t-butyl ether	mg/l	0.0500	0.0650	130	66 - 137	9469
Diisopropyl ether	mg/l	0.0500	0.0563	113	70 - 134	8369
Diisopropyl ether	mg/l	0.0500	0.0583	117	70 - 134	9469
VOA Surr 1,2-DCA-d4	% Rec			93	73 - 133	8369
VOA Surr 1,2-DCA-d4	% Rec			99	73 - 133	9469
VOA Surr Toluene-d8	% Rec			101	80 - 121	8369
VOA Surr Toluene-d8	% Rec			101	80 - 121	9469
VOA Surr, 4-BFB	% Rec			102	80 - 128	8369
VOA Surr, 4-BFB	% Rec			101	80 - 128	9469
VOA Surr, DBFM	% Rec			97	81 - 121	8369
VOA Surr, DBFM	% Rec			99	81 - 121	9469

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
**UST PARAMETERS**					
Benzene	< 0.0005	mg/l	2299	1/10/03	23:52
Toluene	< 0.0005	mg/l	2299	1/10/03	23:52
Ethylbenzene	< 0.0005	mg/l	2299	1/10/03	23:52
Xylenes (Total)	< 0.0005	mg/l	2299	1/10/03	23:52
Methyl-t-butylether	< 0.0005	mg/l	2299	1/10/03	23:52
TPH (Gasoline Range)	< 0.0500	mg/l	2299	1/10/03	23:52

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
**UST PARAMETERS**					

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

Project Number: 222913X

Project Name: EXXONMOBIL 7-0235

Page: 4

Laboratory Receipt Date: 1/ 9/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
BTEX/GRO Surr., a,a,a-TFT	102.	% Recovery	2299	1/10/03	23:52

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
**VOA PARAMETERS**					
Ethyl-t-butylether	< 0.00010	mg/l	8369	1/16/03	7:56
Ethyl-t-butylether	< 0.00010	mg/l	9469	1/17/03	7:49
tert-amyl methyl ether	< 0.00019	mg/L	8369	1/16/03	7:56
tert-amyl methyl ether	< 0.00019	mg/L	9469	1/17/03	7:49
Tertiary butyl alcohol	< 0.00257	mg/l	8369	1/16/03	7:56
Tertiary butyl alcohol	< 0.00257	mg/l	9469	1/17/03	7:49
1,2-Dibromoethane	< 0.00018	mg/l	8369	1/16/03	7:56
1,2-Dibromoethane	< 0.00018	mg/l	9469	1/17/03	7:49
1,2-Dichloroethane	< 0.00021	mg/l	8369	1/16/03	7:56
1,2-Dichloroethane	< 0.00021	mg/l	9469	1/17/03	7:49
Methyl-t-butyl ether	< 0.00014	mg/l	8369	1/16/03	7:56
Methyl-t-butyl ether	< 0.00014	mg/l	9469	1/17/03	7:49
Diisopropyl ether	< 0.00003	mg/l	8369	1/16/03	7:56
Diisopropyl ether	< 0.00003	mg/l	9469	1/17/03	7:49
VOA Surr 1,2-DCA-d4	98.	% Rec	8369	1/16/03	7:56
VOA Surr 1,2-DCA-d4	108.	% Rec	9469	1/17/03	7:49
VOA Surr Toluene-d8	100.	% Rec	8369	1/16/03	7:56
VOA Surr Toluene-d8	97.	% Rec	9469	1/17/03	7:49
VOA Surr, 4-BFB	99.	% Rec	8369	1/16/03	7:56
VOA Surr, 4-BFB	100.	% Rec	9469	1/17/03	7:49
VOA Surr, DBFM	97.	% Rec	8369	1/16/03	7:56
VOA Surr, DBFM	103.	% Rec	9469	1/17/03	7:49

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

**Project Number: 222913X**

**Project Name: EXXONMOBIL 7-0235**

**Page: 5**

**Laboratory Receipt Date: 1/ 9/03**

# = Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 315884

# TESTAMERICA, INC. - NASHVILLE

## COOLER RECEIPT FORM

Client: ERI BC# 315884

Cooler Received On: 11/9/03 And Opened On: 11/9/03 By: Mark Beasley

M. Beasley  
(Signature)

1. Temperature of Cooler when opened 2.0 Degrees Celsius
2. Were custody seals on outside of cooler?..... YES NO N/A
  - a. If yes, how many, what kind and where: \_\_\_\_\_
  - b. Were the seals intact, signed, and dated correctly?..... YES NO N/A
3. Were custody seals on containers and intact?..... NO YES N/A
4. Were custody papers inside cooler?..... YES NO N/A
5. Were custody papers properly filled out (ink, signed, etc)?..... YES NO N/A
6. Did you sign the custody papers in the appropriate place?..... YES NO N/A
7. What kind of packing material used?  Bubblewrap Peanuts Vermiculite Other None
8. Was sufficient ice used (if appropriate)?..... YES NO N/A
9. Did all bottles arrive in good condition (unbroken)?..... YES NO N/A
10. Were all bottle labels complete (#, date, signed, pres, etc)?..... YES NO N/A
11. Did all bottle labels and tags agree with custody papers?..... YES NO N/A
12. Were correct bottles used for the analysis requested?..... YES NO N/A
13. a. Were VOA vials received?..... YES NO N/A
  - b. Was there any observable head space present in any VOA vial?..... NO YES N/A
14. Was sufficient amount of sample sent in each bottle?..... YES NO N/A
15. Were correct preservatives used?..... YES NO N/A  
If not, record standard ID of preservative used here \_\_\_\_\_
16. Was residual chlorine present?..... NO YES N/A
17. Corrective action taken, if necessary:

See attached for resolution



(615) 726-0177  
Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

315884



Consultant Name: Environmental Resolutions, Inc.  
Address: 73 Digital Drive, Suite 100  
City/State/Zip: Novato, California 94949  
Project Manager Paula Sime  
Telephone Number: (415) 382-4324  
ERI Job Number: 222913X  
Sampler Name: (Print) Marty Morell  
Sampler Signature: Marty Morell

ExxonMobil Engineer Gene Ortega  
Telephone Number (925) 246-8747  
Account #: 3876  
PO #: 4501667111  
Facility ID # 70235  
Global ID# T0600101354  
Site Address 2225 Telegraph Avenue  
City, State Zip Oakland, California

Shipping Method:  Lab Courier  Hand Deliver  Commercial Express  Other:

TAT <input type="checkbox"/> 24 hour <input type="checkbox"/> 48 hour <input checked="" type="checkbox"/> 8 day <input type="checkbox"/> 72 hour <input type="checkbox"/> 96 hour	PROVIDE: EDF Report FAX Results	Special Instructions: <b>Hold analyses on sample "QCTB". Analyze oxygenates and lead scavengers by 8260B.</b>	Matrix			Analyze For:															
			Water	Soil	Vapor	TPHd 8015B	TPHg 8015B	BTEX 8021B	MTBE 8021B	Confirm MTBE 8260B	Oxygenates 8260B	Lead Scavengers 8260B	TPH motor oil 8015B								
Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER															
1 <del>QC7B-BB</del> <u>BB</u>	<u>2998</u>	<u>1/07/03</u>				<u>1801</u>				HCL	<u>2 VOAs / 1 AMB</u>	X									
2 MW6B	<u>89</u>					<u>1914</u>				HCL	<u>8 VOAs / 2 AMBs</u>	X			X	X	X		X	X	X
2 MW6E	<u>90</u>					<u>1857</u>				HCL	<u>8 VOAs / 2 AMBs</u>	X			X	X	X		X	X	X
3 MW6F	<u>91</u>					<u>1803</u>				HCL	<u>8 VOAs / 2 AMBs</u>	X			X	X	X		X	X	X
4 MW6G	<u>92</u>					<u>1841</u>				HCL	<u>8 VOAs / 2 AMBs</u>	X			X	X	X		X	X	X
5 MW6H	<u>93</u>					<u>2007</u>				HCL	<u>8 VOAs / 2 AMBs</u>	X			X	X	X		X	X	X
6 MW6I	<u>94</u>					<u>1821</u>				HCL	<u>8 VOAs / 2 AMBs</u>	X			X	X	X		X	X	X
7 MW6J	<u>95</u>					<u>1317</u>				HCL	<u>8 VOAs / 2 AMBs</u>	X			X	X	X		X	X	X
8 RW1	<u>96</u>					<u>2021</u>				HCL	<u>8 VOAs / 2 AMBs</u>	X			X	X	X		X	X	X
9 RW2	<u>97</u>					<u>1947</u>				HCL	<u>8 VOAs / 2 AMBs</u>	X			X	X	X		X	X	X
10 RW3A	<u>2998</u>	<u>✓</u>				<u>1931</u>				HCL	<u>8 VOAs / 2 AMBs</u>	X			X	X	X		X	X	X

Relinquished by: Marty Morell Date: 1/08/03 Time: 900  
Received by: M. Ortega Date: 1/08/03 Time: 900  
Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Received by TestAmerica: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Laboratory Comments:  
Temperature Upon Receipt: 2.0  
Sample Containers Intact?  
VOAs Free of Headspace?