

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

**Gene N. Ortega**  
Project Manager  
Global Remediation – US Retail

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**ExxonMobil**  
*Refining & Supply*

September 22, 2003

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

Alameda County  
SEP 23 2003  
Environmental Health

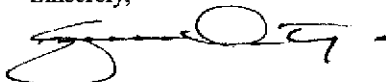
**RE: Former Exxon RAS #7-0235/2225 Telegraph Avenue, Oakland California.**

Dear Mr. Hwang:

Attached for your review and comment is a letter report entitled *Quarterly Groundwater Monitoring Report, Third Quarter 2003*, dated September 22, 2003, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Novato, California, and details groundwater monitoring and sampling at the subject site.

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

Sincerely,

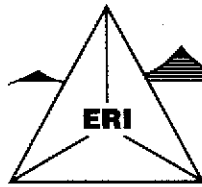


Gene N. Ortega  
Project Manager

Attachment: ERI's Quarterly Groundwater Monitoring Report, Third Quarter 2003, dated September 22, 2003.

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

w/o attachment  
Mr. Rob A. Saur, Environmental Resolutions, Inc.



**ENVIRONMENTAL RESOLUTIONS, INC.**

September 22, 2003  
ERI 222913.Q033

Mr. Gene N. Ortega  
ExxonMobil Refining & Supply – Global Remediation  
25A Crescent Drive, #407  
Pleasant Hill, California 94523

Alameda County

2003-09-23

Environmental Services

Subject: Quarterly Groundwater Monitoring Report, Third 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 groundwater monitoring and sampling at the subject site. The purpose of quarterly monitoring is to evaluate concentrations of dissolved hydrocarbons in groundwater. 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 July 16, 2003, ERI measured depth to water (DTW) in select wells and collected groundwater samples from these wells for laboratory analyses. Work was performed in accordance with ERI's groundwater sampling protocol (Attachment A).

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

**Laboratory Analyses and Results**

ERI submitted groundwater samples to a California state-certified laboratory under Chain-of-Custody protocol. The samples were analyzed using the methods listed in the notes in Table 1. The laboratory analytical report and Chain-of-Custody record are attached (Attachment B). Cumulative analytical laboratory results of groundwater samples are summarized in Table 1. Analytical results of groundwater samples collected during this quarter 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**

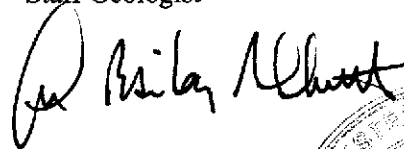
This report was prepared in accordance with generally accepted standards of environmental practice in California at the time this investigation was performed. This report has been prepared for ExxonMobil, and any reliance on this report by third parties shall be at such party's sole risk.

Please call Mr. Rob A. Saur, ERI's project manager for this site, at (415) 382-9105 with any questions regarding this report.

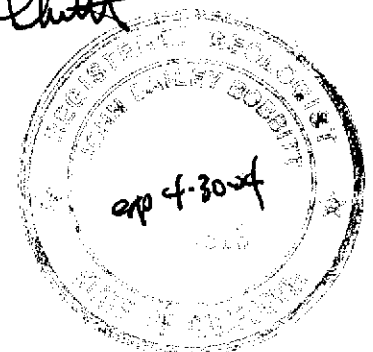
Sincerely,  
Environmental Resolutions, Inc.



Vicki C. Burns  
Staff Geologist



John B. Bobbitt  
R.G. 4313



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 1 of 8)

Well ID #	Sampling	SUBJ	DTW	Elev.	TPHg	MTBE	MTBE	B	T	E	X	TPHmo	Oxygenates
						EPA 8260B	EPA 8021B						
(TOC)	Date	<-----feet----->			<-----ug/L----->								
MW6B (17.48)	11/26/96	NLPH	12.26	5.22	<50	---	<30	<0.5	<0.5	<0.5	<0.5	---	---
	02/27/97	NLPH	11.73	5.75	<50	---	<30	<0.5	<0.5	<0.5	0.80	---	---
(21.37)	05/21/97	NLPH	12.70	4.78	<50	---	<30	<0.5	<0.5	<0.5	<0.5	---	---
	08/18/97	NLPH	12.89	4.59	380	---	<30	4.3	<0.5	1.2	1.5	---	---
	03/13/98	NLPH	11.15	6.33	360	---	<6.2	93	4.9	4.1	12	---	---
	04/20/98	NLPH	11.49	5.99	110	---	5.5	19	1.3	1.5	3.9	---	---
	07/21/98	NLPH	12.18	9.19	<50	---	8.7	0.84	0.59	<0.5	<0.5	---	---
	10/06/98	NLPH	12.70	8.67	190	---	6.0	2.4	0.56	0.51	1.2	---	---
	01/11/99	NLPH	12.48	8.89	50	---	3.9	1.2	<0.5	<0.5	0.95	---	---
	04/08/99	NLPH	11.52	9.85	85	---	14.0	4.4	<0.5	<0.5	<0.5	---	---
	07/19/99	NLPH	11.39	9.98	<50	---	<2.50	<0.5	<0.5	<0.5	<0.5	---	---
	07/27/99	NLPH	12.71	8.66	---	---	---	---	---	---	---	---	---
	10/25/99	NLPH	12.49	8.88	260	---	<2	2.3	<0.5	<0.5	<0.5	---	---
	01/27/00	NLPH	11.80	9.57	770	---	13	210	4.8	4.9	13	---	---
	04/03/00	NLPH	11.61	9.76	670	---	3.4	110	6.6	3.8	9.45	---	---
	07/05/00	NLPH	12.27	9.10	<50	---	2.1	0.89	<0.5	<0.5	<0.5	---	---
	10/04/00	NLPH	12.67	8.70	<50	---	54	<0.5	<0.5	<0.5	2	---	---
	10/05/00	---	---	---	---	---	---	---	---	---	---	<1,000	---
	01/04/01	NLPH	12.47	8.90	<50	---	35	<0.5	<0.5	<0.5	<0.5	---	---
04/03/01	NLPH	11.81	9.56	<50	---	7.8	<0.5	<0.5	<0.5	<0.5	---	---	
07/05/01	NLPH	12.44	8.93	<50	---	3	<0.5	<0.5	<0.5	<0.5	---	---	
10/03/01	NLPH	12.52	8.85	310	---	10	2.1	<0.5	6.5	11.6	---	---	
(21.09)	Nov-01	Well surveyed in compliance with AB 2886 requirements.											
01/02/02	NLPH	11.25	9.84	710	---	21.8	99.5	4.40	3.30	7.40	---	---	
04/02/02	NLPH	11.72	9.37	<50.0	---	12.2	0.60	<0.50	<0.50	<0.50	<100	---	
07/01/02	NLPH	12.34	8.75	<50	---	10.7	<0.5	<0.5	<0.5	<0.5	<100a	---	
10/02/02	NLPH	12.71	8.38	<50.0	---	10.9	<0.5	<0.5	<0.5	<0.5	<100	---	
01/07/03	NLPH	11.65	9.44	82.5	27.8	20.8	3.7	0.5	<0.5	0.8	<50	ND	
06/17/03	NLPH	12.09	9.00	<50.0	6.10	7.3	0.50	<0.5	<0.5	<0.5	<100	ND	
07/16/03	NLPH	12.29	8.80	<50.0	8.5	11.0	<0.50	<0.5	<0.5	<0.5	<100	ND	
MW6E (17.63)	11/26/96	NLPH	12.94	4.69	<50	---	<30	1.1	<0.5	<0.5	<0.5	---	---
	02/27/97	NLPH	12.28	5.35	<50	---	<30	<0.5	<0.5	<0.5	<0.5	---	---
(21.58)	05/21/97	NLPH	13.60	4.03	160	---	<5	10	1.4	5.5	4.8	---	---
	08/18/97	NLPH	13.75	3.88	66	---	<30	<0.5	<0.5	<0.5	<0.5	---	---
	03/13/98	NLPH	11.36	6.27	<50	---	<2.5	<0.5	<0.5	<0.5	<0.5	---	---
	04/20/98	NLPH	11.88	5.75	<50	---	<2.5	<0.5	<0.5	<0.5	<0.5	---	---
	07/21/98	NLPH	13.10	8.48	1,200	---	<10	81	3.1	28	77	---	---
	10/06/98	NLPH	13.55	8.03	<50	---	6.6	1.4	0.51	<0.5	0.97	---	---
	01/11/99	NLPH	13.40	8.18	<50	---	5.1	<0.5	<0.5	<0.5	<0.5	---	---
04/08/99	NLPH	12.04	9.54	<50	---	4.7	<0.5	<0.5	<0.5	<0.5	---	---	

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA  
 Former Exxon Service Station 7-0235  
 2225 Telegraph Avenue  
 Oakland, California  
 (Page 2 of 8)

Well ID #	Sampling	SUBJ	DTW	Elev.	TPHg	MTBE	MTBE	B	T	E	X	TPHmo	Oxygenates	
						EPA 8260B	EPA 8021B							
(TOC)	Date	-----feet----->			<-----ug/L----->									
MW6E (cont.) (21.58)	07/19/99	NLPH	11.59	9.99	---	---	---	---	---	---	---	---	---	
	07/27/99	NLPH	13.65	7.93	---	---	---	---	---	---	---	---	---	
	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	<100a	---	
	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	<0.50	<0.5	0.5	<0.5	<0.5	<0.5	<50	ND	
	06/17/03	NLPH	12.72	8.52	<50.0	<0.50	<0.5	<0.50	<0.5	<0.5	<0.5	153	ND	
	07/16/03	NLPH	12.92	8.32	<50.0	<0.50	<0.5	4.50	<0.5	<0.5	<0.5	<100	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	---	---	
	04/20/98	NLPH	11.77	6.81	---	---	---	---	---	---	---	---	---	
	(22.51)	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	---	---	

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA  
 Former Exxon Service Station 7-0235  
 2225 Telegraph Avenue  
 Oakland, California  
 (Page 3 of 8)

Well ID #	Sampling	SUBJ	DTW	Elev.	TPHg	MTBE EPA 8260B	MTBE EPA 8021B	B	T	E	X	TPHmo	Oxygenates	
(TOC)	Date	<-----feet----->			<-----ug/L----->									
MW6F (cont.) (22.17)	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	<0.50	---	---
	04/02/02	NLPH	12.14	10.03	<50.0	---	<0.50	<0.50	<0.50	<0.50	<0.50	<100	---	
	07/01/02	NLPH	13.46	8.71	<50	---	<0.5	<0.5	<0.5	<0.5	<0.5	<100a	---	
	10/02/02	NLPH	14.19	7.98	<50.0	---	<0.5	<0.5	<0.5	<0.5	<0.5	<100	---	
	01/07/03	NLPH	11.73	10.44	<50.0	<0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	ND	
	06/17/03	NLPH	13.13	9.04	<50.0	<0.50	<0.5	<0.50	<0.5	<0.5	<0.5	<100	ND	
	07/16/03	NLPH	13.51	8.66	<50.0	<0.50	<0.5	<0.50	<0.5	<0.5	<0.5	<100	ND	
	MW6G (16.82)	11/26/96	NLPH	11.12	5.70	<50	---	<30	<0.5	<0.5	<0.5	<0.5	---	---
		02/27/97	---	---	---	---	---	---	---	---	---	---	---	---
		05/21/97	NLPH	11.76	5.06	---	---	---	---	---	---	---	---	---
08/18/97		NLPH	12.23	4.59	---	---	---	---	---	---	---	---	---	
03/13/98		NLPH	9.13	7.69	<50	---	4.4	<0.5	<0.5	<0.5	<0.5	---	---	
04/20/98		NLPH	9.73	7.09	---	---	---	---	---	---	---	---	---	
07/21/98		NLPH	11.15	9.57	---	---	---	---	---	---	---	---	---	
10/06/98		NLPH	11.91	8.81	---	---	---	---	---	---	---	---	---	
01/11/99		NLPH	12.00	8.72	---	---	---	---	---	---	---	---	---	
04/08/99		NLPH	10.04	10.68	---	---	---	---	---	---	---	---	---	
07/19/99		---	---	---	---	---	---	---	---	---	---	---	---	
07/27/99		NLPH	11.75	8.97	---	---	---	---	---	---	---	---	---	
10/25/99		NLPH	11.76	8.96	---	---	---	---	---	---	---	---	---	
01/27/00		NLPH	11.46	9.26	---	---	---	---	---	---	---	---	---	
04/03/00		NLPH	10.00	10.72	---	---	---	---	---	---	---	---	---	
07/05/00		NLPH	11.24	9.48	<50	---	<2	<0.5	<0.5	<0.5	<0.5	---	---	
10/04/00		NLPH	11.88	8.84	<50	---	<2	<0.5	<0.5	<0.5	<0.5	---	---	
10/05/00		---	---	---	---	---	---	---	---	---	---	<1,000	---	
01/04/01		NLPH	11.56	9.16	<50	---	<2	<0.5	<0.5	<0.5	<0.5	---	---	
04/03/01		NLPH	10.45	10.27	<50	---	<2	<0.5	<0.5	<0.5	<0.5	---	---	
07/05/01	NLPH	11.51	9.21	<50	---	<2	0.75	<0.5	<0.5	<0.5	---	---		
10/03/01	NLPH	11.63	9.09	<50	---	<2	<0.5	<0.5	<0.5	<0.5	---	---		
(20.46)	Nov-01	Well surveyed in compliance with AB 2886 requirements.												
	01/02/02	NLPH	9.15	11.31	<100	---	1.8	<0.50	<0.50	<0.50	<0.50	---	---	
	04/02/02	NLPH	10.19	10.27	<50.0	---	1.10	<0.50	<0.50	<0.50	<0.50	<100	---	
	07/01/02	NLPH	11.35	9.11	<50	---	1.3	<0.5	<0.5	<0.5	<0.5	<100a	---	
	10/02/02	NLPH	11.99	8.47	<50.0	---	0.7	<0.5	<0.5	<0.5	<0.5	<100	---	
	01/07/03	NLPH	9.97	10.49	<50.0	2.00	1.3	<0.5	<0.5	<0.5	<0.5	<50	ND	
	06/17/03	NLPH	10.98	9.48	<50.0	1.60	1.5	<0.50	<0.5	<0.5	<0.5	<100	ND	
	07/16/03	NLPH	11.37	9.09	<50.0	0.90	1.2	<0.50	<0.5	<0.5	<0.5	<100	ND	







**TABLE I**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0235  
2225 Telegraph Avenue  
Oakland, California  
(Page 6 of 8)

Well ID #	Sampling	SUBJ	DTW	Elev.	TPHg	MTBE	MTBE	B	T	E	X	TPHmo	Oxygenates
						EPA 8260B	EPA 8021B						
(TOC)	Date	<-----feet----->			<-----ug/L----->								
(20.24)	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	---	---
	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	<100a	---
	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	1,010	747	134	12.0	33.0	53.0	1,340	ND
	06/17/03	NLPH	11.98	8.45	3,850	847	645	48.9	38.7	46.1	197	316	324 b
07/16/03	NLPH	12.11	8.32	2,640	615	730	78.5	20.0	47.5	166	2,080	110 b, 1.10 c 1.70 d	
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	499	160	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	---	---	
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	<100a	---	
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	56.0	48.0	12.3	3.6	12.2	25.6	197	ND	

TABLE I  
 CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA  
 Former Exxon Service Station 7-0235  
 2225 Telegraph Avenue  
 Oakland, California  
 (Page 7 of 8)

Well ID #	Sampling	SUBJ	DTW	Elev.	TPHg	MTBE EPA 8260B	MTBE EPA 8021B	B	T	E	X	TPHmo	Oxygenates
(TOC)	Date	<-----feet----->			<-----ug/L----->								
RW2 (cont.)	06/17/03	NLPH	12.32	8.32	1,070	26.4	29.7	13.9	4.4	11.8	16.9	<100	ND
(20.64)	07/16/03	NLPH	12.51	8.13	1,200	19.3	32.9	6.60	4.1	10.9	12.3	295	ND
RW3A	Not Monitored 6/16/92 through 4/20/98.												
(21.75)	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	---	---
	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	---	---
	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	<100a	---
	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	30.9	22.4	1.5	<0.5	<0.5	<0.5	<50	ND
	06/17/03	NLPH	12.82	9.07	54.5	16.0	12.8	7.40	<0.5	<0.5	<0.5	<100	1.20 c
	07/16/03	NLPH	13.40	8.49	112	13.6	18.0	26.0	<0.5	<0.5	<0.5	<100	1.40 c

TABLE I  
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0235

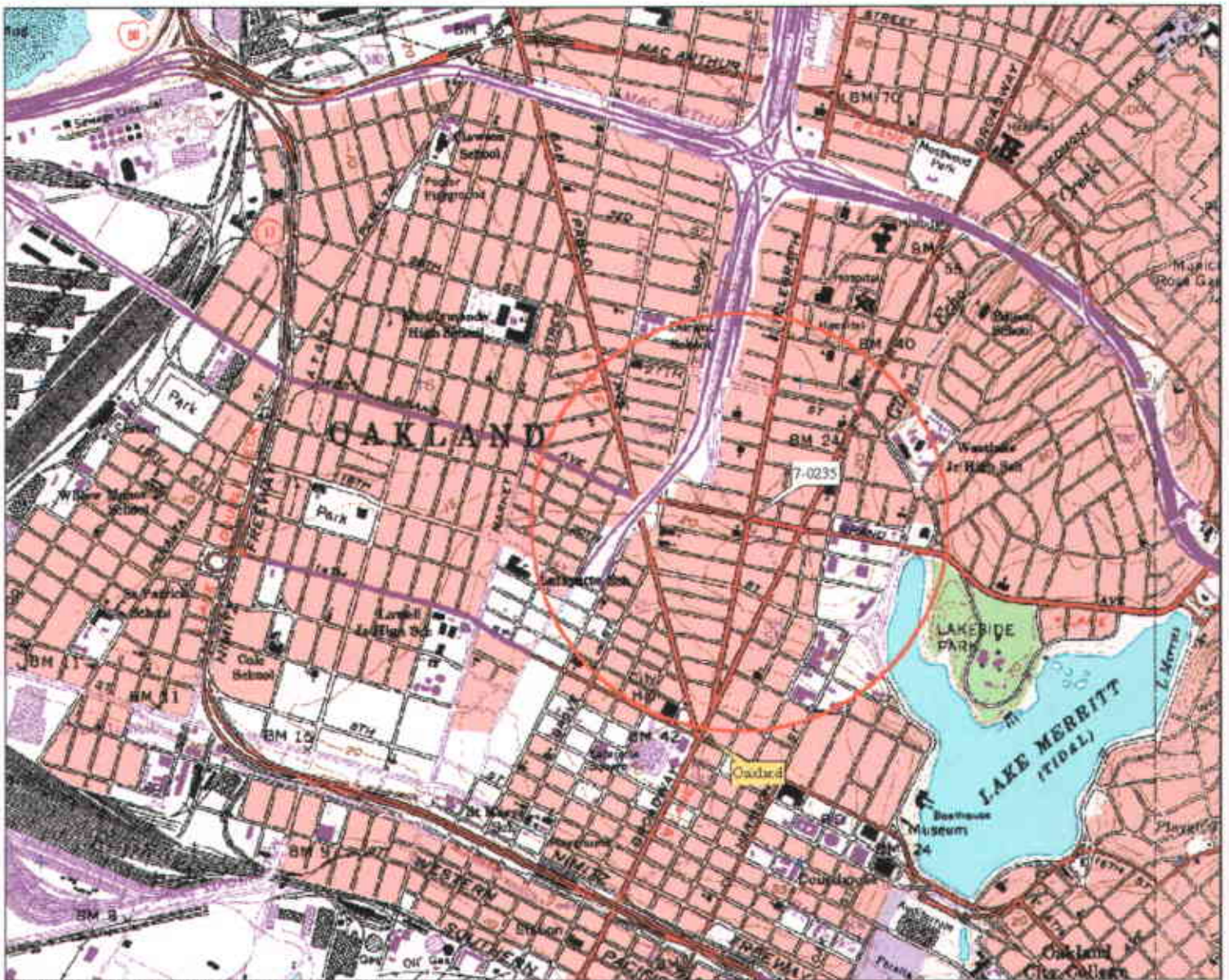
2225 Telegraph Avenue

Oakland, California

(Page 8 of 8)

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, tertiary butyl alcohol, tertiary amyl methyl ether, and tertiary 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	=	TPHmo analyses performed outside of hold time.
b	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
c	=	Diisopropyl ether analyzed using EPA Method 8260B.
d	=	1,2-Dichloroethane analyzed using EPA Method 8260B.
e	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.



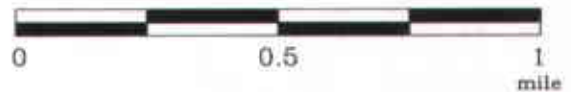
U.S. Topo Quad, Copyright © 1989 DeLorme Vermont, ME 05468 Source Title: 13023  
 500 ft Scale 1:25,000 Contour 20 ft Datum: WGS84

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 July 16, 2003

3,170 Total Petroleum Hydrocarbons  
 as gasoline  
 614 Benzene  
 1,170 Methyl Tertiary Butyl Ether  
 (EPA Method 8260B)

< Less Than the Stated Laboratory  
 Reporting Limit

ug/L Micrograms per Liter



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
- 7.18 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 state-certified laboratory.



**ATTACHMENT B**

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

7/25/03

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

RECEIVED  
AUG 02 2003

BY:.....

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: EXXONMOBIL 7-0235  
Project Number: 222913X.  
Laboratory Project Number: 339865.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980.

Page 1

Sample Identification	Lab Number	Collection Date
QCTE	03-A111362	7/16/03
MW6B	03-A111363	7/16/03
MW6E	03-A111364	7/16/03
MW6F	03-A111365	7/16/03
MW6G	03-A111366	7/16/03
MW6H	03-A111367	7/16/03
MW6I	03-A111368	7/16/03
MW6J	03-A111369	7/16/03
RW1	03-A111370	7/16/03
RW2	03-A111371	7/16/03
RW3A	03-A111372	7/16/03

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.

Report Approved By:



Report Date: 7/25/03

Ashley Morris, Lab Director

Michael H. Dunn, M.S., QA/QC Director

Johnny A. Mitchell, Operations Manager Organics

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-A111362  
Sample ID: QCTB  
Sample Type: Water  
Site ID: 7-0235

Project: 222913X  
Project Name: EXXONMOBIL 7-0235  
Sampler: NEIL MOCK

Date Collected: 7/16/03  
Time Collected:  
Date Received: 7/18/03  
Time Received: 8:10  
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.

End of Sample Report.

## ANALYTICAL REPORT

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

Lab Number: 03-A111363  
Sample ID: MW6B  
Sample Type: Water  
Site ID: 7-0235

Project: 222913X  
Project Name: EXXONMOBIL 7-0235  
Sampler: NEIL MOCK

Date Collected: 7/16/03  
Time Collected: 17:40  
Date Received: 7/18/03  
Time Received: 8:10  
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	100.	1.0	7/20/03	19:37	Weatherly	8015B/3510	8900
Benzene	ND	ug/L	0.50	1.0	7/21/03	19:10	H. Wagner	8021B	7953
Ethylbenzene	ND	ug/L	0.5	1.0	7/21/03	19:10	H. Wagner	8021B	7953
Toluene	ND	ug/L	0.5	1.0	7/21/03	19:10	H. Wagner	8021B	7953
Xylenes (Total)	ND	ug/L	0.5	1.0	7/21/03	19:10	H. Wagner	8021B	7953
Methyl-t-butylether	11.0	ug/L	0.5	1.0	7/21/03	19:10	H. Wagner	8021B	7953
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/21/03	19:10	H. Wagner	8015B	7953
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	7/19/03	16:49	S. Davis	8260B	9888
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/19/03	16:49	S. Davis	8260B	9888
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	7/19/03	16:49	S. Davis	8260B	9888
1,2-Dibromoethane	ND	ug/L	0.50	1.0	7/19/03	16:49	S. Davis	8260B	9888
1,2-Dichloroethane	ND	ug/L	0.50	1.0	7/19/03	16:49	S. Davis	8260B	9888
Methyl-t-butyl ether	8.50	ug/L	0.50	1.0	7/19/03	16:49	S. Davis	8260B	9888
Ethanol	ND	ug/L	100.	1.0	7/19/03	16:49	S. Davis	8260B	9888
Diisopropyl ether	ND	ug/L	0.50	1.0	7/19/03	16:49	S. Davis	8260B	9888

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A111363

Sample ID: MW6B

Project: 222913X

Page 2

-----  
Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	7/19/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	111.	61. - 134.
BTEX/GRO Surr., a,a,a-TFT	110.	69. - 129.
VOA Surr 1,2-DCA-d4	101.	70. - 133.
VOA Surr Toluene-d8	101.	76. - 123.
VOA Surr, 4-BFB	99.	71. - 132.
VOA Surr, DBFM	95.	74. - 128.

### 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.

## ANALYTICAL REPORT

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

Lab Number: 03-A111364  
Sample ID: MW6E  
Sample Type: Water  
Site ID: 7-0235

Project: 222913X  
Project Name: EXXONMOBIL 7-0235  
Sampler: NEIL MOCK

Date Collected: 7/16/03  
Time Collected: 16:32  
Date Received: 7/18/03  
Time Received: 8:10  
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	100.	1.0	7/20/03	19:58	Weatherly	8015B/3510	8900
Benzene	4.50	ug/L	0.50	1.0	7/21/03	19:45	H. Wagner	8021B	7953
Ethylbenzene	ND	ug/L	0.5	1.0	7/21/03	19:45	H. Wagner	8021B	7953
Toluene	ND	ug/L	0.5	1.0	7/21/03	19:45	H. Wagner	8021B	7953
Xylenes (Total)	ND	ug/L	0.5	1.0	7/21/03	19:45	H. Wagner	8021B	7953
Methyl-t-butylether	ND	ug/L	0.5	1.0	7/21/03	19:45	H. Wagner	8021B	7953
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/21/03	19:45	H. Wagner	8015B	7953
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	7/19/03	17:17	S. Davis	8260B	9888
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/19/03	17:17	S. Davis	8260B	9888
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	7/19/03	17:17	S. Davis	8260B	9888
1,2-Dibromoethane	ND	ug/L	0.50	1.0	7/19/03	17:17	S. Davis	8260B	9888
1,2-Dichloroethane	ND	ug/L	0.50	1.0	7/19/03	17:17	S. Davis	8260B	9888
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	7/19/03	17:17	S. Davis	8260B	9888
Ethanol	ND	ug/L	100.	1.0	7/19/03	17:17	S. Davis	8260B	9888
Diisopropyl ether	ND	ug/L	0.50	1.0	7/19/03	17:17	S. Davis	8260B	9888

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A111364  
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	7/19/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	126.	61. - 134.
BTEX/GRO Surr., a,a,a-TFT	109.	69. - 129.
VOA Surr 1,2-DCA-d4	110.	70. - 133.
VOA Surr Toluene-d8	97.	76. - 123.
VOA Surr, 4-BFB	85.	71. - 132.
VOA Surr, DBFM	97.	74. - 128.

### 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.



## ANALYTICAL REPORT

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

Lab Number: 03-A111365  
Sample ID: MW6F  
Sample Type: Water  
Site ID: 7-0235

Project: 222913X  
Project Name: EXXONMOBIL 7-0235  
Sampler: NEIL MOCK

Date Collected: 7/16/03  
Time Collected: 16:49  
Date Received: 7/18/03  
Time Received: 8:10  
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	100.	1.0	7/20/03	20:18	Weatherly	8015B/3510	8900
Benzene	ND	ug/L	0.50	1.0	7/21/03	20:21	H. Wagner	8021B	7953
Ethylbenzene	ND	ug/L	0.5	1.0	7/21/03	20:21	H. Wagner	8021B	7953
Toluene	ND	ug/L	0.5	1.0	7/21/03	20:21	H. Wagner	8021B	7953
Xylenes (Total)	ND	ug/L	0.5	1.0	7/21/03	20:21	H. Wagner	8021B	7953
Methyl-t-butylether	ND	ug/L	0.5	1.0	7/21/03	20:21	H. Wagner	8021B	7953
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/21/03	20:21	H. Wagner	8015B	7953
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	7/19/03	17:46	S. Davis	8260B	9888
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/19/03	17:46	S. Davis	8260B	9888
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	7/19/03	17:46	S. Davis	8260B	9888
1,2-Dibromoethane	ND	ug/L	0.50	1.0	7/19/03	17:46	S. Davis	8260B	9888
1,2-Dichloroethane	ND	ug/L	0.50	1.0	7/19/03	17:46	S. Davis	8260B	9888
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	7/19/03	17:46	S. Davis	8260B	9888
Ethanol	ND	ug/L	100.	1.0	7/19/03	17:46	S. Davis	8260B	9888
Diisopropyl ether	ND	ug/L	0.50	1.0	7/19/03	17:46	S. Davis	8260B	9888

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A111365  
Sample ID: MW6F  
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	7/19/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
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TPH Hi Surr., o-Terphenyl	98.	61. - 134.
BTEX/GRO Surr., a,a,a-TFT	111.	69. - 129.
VOA Surr 1,2-DCA-d4	110.	70. - 133.
VOA Surr Toluene-d8	94.	76. - 123.
VOA Surr, 4-BFB	92.	71. - 132.
VOA Surr, DBFM	97.	74. - 128.

### 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.

## ANALYTICAL REPORT

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

Lab Number: 03-A111366  
Sample ID: MW6G  
Sample Type: Water  
Site ID: 7-0235

Project: 222913X  
Project Name: EXXONMOBIL 7-0235  
Sampler: NEIL MOCK

Date Collected: 7/16/03  
Time Collected: 17:24  
Date Received: 7/18/03  
Time Received: 8:10  
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	100.	1.0	7/20/03	20:39	Weatherly	8015B/3510	8900
Benzene	ND	ug/L	0.50	1.0	7/21/03	20:56	H. Wagner	8021B	7953
Ethylbenzene	ND	ug/L	0.5	1.0	7/21/03	20:56	H. Wagner	8021B	7953
Toluene	ND	ug/L	0.5	1.0	7/21/03	20:56	H. Wagner	8021B	7953
Xylenes (Total)	ND	ug/L	0.5	1.0	7/21/03	20:56	H. Wagner	8021B	7953
Methyl-t-butylether	1.2	ug/L	0.5	1.0	7/21/03	20:56	H. Wagner	8021B	7953
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/21/03	20:56	H. Wagner	8015B	7953
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	7/19/03	18:14	S. Davis	8260B	9888
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/19/03	18:14	S. Davis	8260B	9888
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	7/19/03	18:14	S. Davis	8260B	9888
1,2-Dibromoethane	ND	ug/L	0.50	1.0	7/19/03	18:14	S. Davis	8260B	9888
1,2-Dichloroethane	ND	ug/L	0.50	1.0	7/19/03	18:14	S. Davis	8260B	9888
Methyl-t-butyl ether	0.90	ug/L	0.50	1.0	7/19/03	18:14	S. Davis	8260B	9888
Ethanol	ND	ug/L	100.	1.0	7/19/03	18:14	S. Davis	8260B	9888
Diisopropyl ether	ND	ug/L	0.50	1.0	7/19/03	18:14	S. Davis	8260B	9888

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A111366  
Sample ID: MW6G  
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	7/19/03		M. Ricke	3510

Surrogate	† Recovery	Target Range
TPH Hi Surr., o-Terphenyl	108.	61. - 134.
BTEX/GRO Surr., a,a,a-TFT	111.	69. - 129.
VOA Surr 1,2-DCA-d4	110.	70. - 133.
VOA Surr Toluene-d8	98.	76. - 123.
VOA Surr, 4-BFB	89.	71. - 132.
VOA Surr, DBFM	97.	74. - 128.

### 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.

## ANALYTICAL REPORT

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

Lab Number: 03-A111367  
Sample ID: MW6H  
Sample Type: Water  
Site ID: 7-0235

Project: 222913X  
Project Name: EXXONMOBIL 7-0235  
Sampler: NEIL MOCK

Date Collected: 7/16/03  
Time Collected: 18:34  
Date Received: 7/18/03  
Time Received: 8:10  
Page: 1

Analyte	Result	Units	Report	Dil	Analysis		Analyst	Method	Batch
			Limit	Factor	Date	Time			
*ORGANIC PARAMETERS*									
TRPH ORO (C24-C40)	ND	ug/L	100.	1.0	7/20/03	21:00	Weatherly	8015B/3510	8900
Benzene	614.	ug/L	2.50	5.0	7/24/03	21:49	H. Wagner	8021B	3385
Ethylbenzene	9.5	ug/L	0.5	1.0	7/21/03	21:31	H. Wagner	8021B	7953
Toluene	20.0	ug/L	0.5	1.0	7/21/03	21:31	H. Wagner	8021B	7953
Xylenes (Total)	31.8	ug/L	0.5	1.0	7/21/03	21:31	H. Wagner	8021B	7953
Methyl-t-butylether	1270	ug/L	10.0	20.0	7/25/03	10:06	H. Wagner	8021B	3388
TPH (Gasoline Range)	3170	ug/L	50.0	1.0	7/21/03	21:31	H. Wagner	8015B	7953
*VOLATILE ORGANICS*									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	7/19/03	18:43	S. Davis	8260B	9888
tert-amyl methyl ether	0.70	ug/L	0.50	1.0	7/19/03	18:43	S. Davis	8260B	9888
Tertiary butyl alcohol	307.	ug/L	10.0	1.0	7/19/03	18:43	S. Davis	8260B	9888
1,2-Dibromoethane	ND	ug/L	0.50	1.0	7/19/03	18:43	S. Davis	8260B	9888
1,2-Dichloroethane	14.6	ug/L	0.50	1.0	7/19/03	18:43	S. Davis	8260B	9888
Methyl-t-butyl ether	1170	ug/L	10.0	20.0	7/20/03	14:11	S. Davis	8260B	9910
Ethanol	ND	ug/L	100.	1.0	7/19/03	18:43	S. Davis	8260B	9888
Diisopropyl ether	6.20	ug/L	0.50	1.0	7/19/03	18:43	S. Davis	8260B	9888

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A111367  
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	7/19/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	110.	61. - 134.
BTEX/GRO Surr., a,a,a-TFT	104.	69. - 129.
VOA Surr 1,2-DCA-d4	105.	70. - 133.
VOA Surr Toluene-d8	101.	76. - 123.
VOA Surr, 4-BFB	97.	71. - 132.
VOA Surr, DBFM	94.	74. - 128.

### 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.

## ANALYTICAL REPORT

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

Lab Number: 03-A111368  
Sample ID: MW6I  
Sample Type: Water  
Site ID: 7-0235

Project: 222913X  
Project Name: EXXONMOBIL 7-0235  
Sampler: NEIL MOCK

Date Collected: 7/16/03  
Time Collected: 17:05  
Date Received: 7/18/03  
Time Received: 8:10  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
TPH ORO (C24-C40)	ND	ug/L	100.	1.0	7/20/03	21:20	Weatherly	8015B/3510	8900
Benzene	ND	ug/L	0.50	1.0	7/21/03	22:07	H. Wagner	8021B	7953
Ethylbenzene	ND	ug/L	0.5	1.0	7/21/03	22:07	H. Wagner	8021B	7953
Toluene	ND	ug/L	0.5	1.0	7/21/03	22:07	H. Wagner	8021B	7953
Xylenes (Total)	ND	ug/L	0.5	1.0	7/21/03	22:07	H. Wagner	8021B	7953
Methyl-t-butylether	ND	ug/L	0.5	1.0	7/21/03	22:07	H. Wagner	8021B	7953
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/21/03	22:07	H. Wagner	8015B	7953
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	7/19/03	19:11	S. Davis	8260B	9888
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/19/03	19:11	S. Davis	8260B	9888
Tertiary butyl alcohol	16.4	ug/L	10.0	1.0	7/19/03	19:11	S. Davis	8260B	9888
1,2-Dibromoethane	ND	ug/L	0.50	1.0	7/19/03	19:11	S. Davis	8260B	9888
1,2-Dichloroethane	ND	ug/L	0.50	1.0	7/19/03	19:11	S. Davis	8260B	9888
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	7/19/03	19:11	S. Davis	8260B	9888
Ethanol	ND	ug/L	100.	1.0	7/19/03	19:11	S. Davis	8260B	9888
Diisopropyl ether	ND	ug/L	0.50	1.0	7/19/03	19:11	S. Davis	8260B	9888

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A111368  
Sample ID: MW6I  
Project: 222913X  
Page 2

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Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	7/19/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	89.	61. - 134.
BTEX/GRO Surr., a,a,a-TFT	109.	69. - 129.
VOA Surr 1,2-DCA-d4	108.	70. - 133.
VOA Surr Toluene-d8	99.	76. - 123.
VOA Surr, 4-BFB	98.	71. - 132.
VOA Surr, DBFM	97.	74. - 128.

### 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.



## ANALYTICAL REPORT

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

Lab Number: 03-A111369  
Sample ID: MW6J  
Sample Type: Water  
Site ID: 7-0235

Project: 222913X  
Project Name: EXXONMOBIL 7-0235  
Sampler: NEIL MOCK

Date Collected: 7/16/03  
Time Collected: 12:12  
Date Received: 7/18/03  
Time Received: 8:10  
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	100.	1.0	7/20/03	21:41	Weatherly	8015B/3510	8900
Benzene	ND	ug/L	0.50	1.0	7/21/03	22:42	H. Wagner	8021B	7953
Ethylbenzene	ND	ug/L	0.5	1.0	7/21/03	22:42	H. Wagner	8021B	7953
Toluene	ND	ug/L	0.5	1.0	7/21/03	22:42	H. Wagner	8021B	7953
Xylenes (Total)	ND	ug/L	0.5	1.0	7/21/03	22:42	H. Wagner	8021B	7953
Methyl-t-butylether	0.7	ug/L	0.5	1.0	7/21/03	22:42	H. Wagner	8021B	7953
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/21/03	22:42	H. Wagner	8015B	7953
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	7/19/03	19:40	S. Davis	8260B	9888
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/19/03	19:40	S. Davis	8260B	9888
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	7/19/03	19:40	S. Davis	8260B	9888
1,2-Dibromoethane	ND	ug/L	0.50	1.0	7/19/03	19:40	S. Davis	8260B	9888
1,2-Dichloroethane	1.00	ug/L	0.50	1.0	7/19/03	19:40	S. Davis	8260B	9888
Methyl-t-butyl ether	0.60	ug/L	0.50	1.0	7/19/03	19:40	S. Davis	8260B	9888
Ethanol	ND	ug/L	100.	1.0	7/19/03	19:40	S. Davis	8260B	9888
Diisopropyl ether	ND	ug/L	0.50	1.0	7/19/03	19:40	S. Davis	8260B	9888

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A111369  
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	7/19/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	82.	61. - 134.
BTEX/GRO Surr., a,a,a-TPT	110.	69. - 129.
VOA Surr 1,2-DCA-d4	106.	70. - 133.
VOA Surr Toluene-d8	86.	76. - 123.
VOA Surr, 4-BFB	95.	71. - 132.
VOA Surr, DBFM	97.	74. - 128.

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.

## ANALYTICAL REPORT

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

Lab Number: 03-A111370  
Sample ID: RW1  
Sample Type: Water  
Site ID: 7-0235

Project: 222913X  
Project Name: EXXONMOBIL 7-0235  
Sampler: NEIL MOCK

Date Collected: 7/16/03  
Time Collected: 18:22  
Date Received: 7/18/03  
Time Received: 8:10  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
TRPH ORO (C24-C40)	2080	ug/L	200.	2.0	7/21/03	9:00	Weatherly	8015B/3510	8900
Benzene	78.5	ug/L	2.50	5.0	7/24/03	22:21	H. Wagner	8021B	3385
Ethylbenzene	47.5	ug/L	2.5	5.0	7/24/03	22:21	H. Wagner	8021B	3385
Toluene	20.0	ug/L	2.5	5.0	7/24/03	22:21	H. Wagner	8021B	3385
Xylenes (Total)	166.	ug/L	2.5	5.0	7/24/03	22:21	H. Wagner	8021B	3385
Methyl-t-butylether	730.	ug/L	2.5	5.0	7/24/03	22:21	H. Wagner	8021B	3385
TPH (Gasoline Range)	2640	ug/L	250.	5.0	7/24/03	22:21	H. Wagner	8015B	3385
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	7/19/03	20:09	S. Davis	8260B	9888
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/19/03	20:09	S. Davis	8260B	9888
Tertiary butyl alcohol	110.	ug/L	10.0	1.0	7/19/03	20:09	S. Davis	8260B	9888
1,2-Dibromoethane	ND	ug/L	0.50	1.0	7/19/03	20:09	S. Davis	8260B	9888
1,2-Dichloroethane	1.70	ug/L	0.50	1.0	7/19/03	20:09	S. Davis	8260B	9888
Methyl-t-butyl ether	615.	ug/L	2.50	5.0	7/20/03	14:39	S. Davis	8260B	9910
Ethanol	ND	ug/L	100.	1.0	7/19/03	20:09	S. Davis	8260B	9888
Diisopropyl ether	1.10	ug/L	0.50	1.0	7/19/03	20:09	S. Davis	8260B	9888

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A111370  
Sample ID: RW1  
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	7/19/03		M. Ricke	3510

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Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	96.	61. - 134.
BTEX/GRO Surr., a,a,a-TPT	113.	69. - 129.
VOA Surr 1,2-DCA-d4	101.	70. - 133.
VOA Surr Toluene-d8	88.	76. - 123.
VOA Surr, 4-BFB	84.	71. - 132.
VOA Surr, DBPM	96.	74. - 128.

### 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.

## ANALYTICAL REPORT

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

Lab Number: 03-A111371  
Sample ID: RW2  
Sample Type: Water  
Site ID: 7-0235

Project: 222913X  
Project Name: EXXONMOBIL 7-0235  
Sampler: NEIL MOCK

Date Collected: 7/16/03  
Time Collected: 18:10  
Date Received: 7/18/03  
Time Received: 8:10  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis		Analyst	Method	Batch
					Date	Time			
<b>*ORGANIC PARAMETERS*</b>									
TRPH ORO (C24-C40)	295.	ug/L	100.	1.0	7/20/03	22:22	Weatherly	8015B/3510	8900
Benzene	6.60	ug/L	0.50	1.0	7/21/03	23:52	H. Wagner	8021B	7953
Ethylbenzene	10.9	ug/L	0.5	1.0	7/21/03	23:52	H. Wagner	8021B	7953
Toluene	4.1	ug/L	0.5	1.0	7/21/03	23:52	H. Wagner	8021B	7953
Xylenes (Total)	12.3	ug/L	0.5	1.0	7/21/03	23:52	H. Wagner	8021B	7953
Methyl-t-butylether	32.9	ug/L	0.5	1.0	7/21/03	23:52	H. Wagner	8021B	7953
TPH (Gasoline Range)	1200	ug/L	50.0	1.0	7/21/03	23:52	H. Wagner	8015B	7953
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	7/19/03	20:37	S. Davis	8260B	9888
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/19/03	20:37	S. Davis	8260B	9888
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	7/19/03	20:37	S. Davis	8260B	9888
1,2-Dibromoethane	ND	ug/L	0.50	1.0	7/19/03	20:37	S. Davis	8260B	9888
1,2-Dichloroethane	ND	ug/L	0.50	1.0	7/19/03	20:37	S. Davis	8260B	9888
Methyl-t-butyl ether	19.3	ug/L	0.50	1.0	7/19/03	20:37	S. Davis	8260B	9888
Ethanol	ND	ug/L	100.	1.0	7/19/03	20:37	S. Davis	8260B	9888
Diisopropyl ether	ND	ug/L	0.50	1.0	7/19/03	20:37	S. Davis	8260B	9888

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A111371  
Sample ID: RW2  
Project: 222913X  
Page 2

-----  
Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	7/19/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	105.	61. - 134.
BTEX/GRO Surr., a,a,a-TFT	131. #	69. - 129.
VOA Surr 1,2-DCA-d4	109.	70. - 133.
VOA Surr Toluene-d8	98.	76. - 123.
VOA Surr, 4-BPB	100.	71. - 132.
VOA Surr, DBFM	96.	74. - 128.

### 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.

## ANALYTICAL REPORT

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

Lab Number: 03-A111372  
Sample ID: RW3A  
Sample Type: Water  
Site ID: 7-0235

Date Collected: 7/16/03  
Time Collected: 17:55  
Date Received: 7/18/03  
Time Received: 8:10  
Page: 1

Project: 222913X  
Project Name: EXXONMOBIL 7-0235  
Sampler: NEIL MOCK

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	100.	1.0	7/20/03	22:42	Weatherly	8015B/3510	8900
Benzene	26.0	ug/L	0.50	1.0	7/22/03	0:27	H. Wagner	8021B	7953
Ethylbenzene	ND	ug/L	0.5	1.0	7/22/03	0:27	H. Wagner	8021B	7953
Toluene	ND	ug/L	0.5	1.0	7/22/03	0:27	H. Wagner	8021B	7953
Xylenes (Total)	ND	ug/L	0.5	1.0	7/22/03	0:27	H. Wagner	8021B	7953
Methyl-t-butylether	18.0	ug/L	0.5	1.0	7/22/03	0:27	H. Wagner	8021B	7953
TPH (Gasoline Range)	112.	ug/L	50.0	1.0	7/22/03	0:27	H. Wagner	8015B	7953
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	7/19/03	21:06	S. Davis	8260B	9888
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/19/03	21:06	S. Davis	8260B	9888
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	7/19/03	21:06	S. Davis	8260B	9888
1,2-Dibromoethane	ND	ug/L	0.50	1.0	7/19/03	21:06	S. Davis	8260B	9888
1,2-Dichloroethane	ND	ug/L	0.50	1.0	7/19/03	21:06	S. Davis	8260B	9888
Methyl-t-butyl ether	13.6	ug/L	0.50	1.0	7/19/03	21:06	S. Davis	8260B	9888
Ethanol	ND	ug/L	100.	1.0	7/19/03	21:06	S. Davis	8260B	9888
Diisopropyl ether	1.40	ug/L	0.50	1.0	7/19/03	21:06	S. Davis	8260B	9888

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A111372

Sample ID: RW3A

Project: 222913X

Page 2

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### Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	7/19/03		M. Ricke	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	87.	61. - 134.
BTEX/GRO Surr., a,a,a-TPT	108.	69. - 129.
VOA Surr 1,2-DCA-d4	98.	70. - 133.
VOA Surr Toluene-d8	100.	76. - 123.
VOA Surr, 4-BFB	98.	71. - 132.
VOA Surr, DBFM	87.	74. - 128.

### 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.



**PROJECT QUALITY CONTROL DATA**

Project Number: 222913X  
Project Name: EXXONMOBIL 7-0235  
Page: 1  
Laboratory Receipt Date: 7/18/03

**Matrix Spike Recovery**

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
<b>**UST ANALYSIS**</b>								
TRPH ORO (C24-C40)	mg/l	< 0.100	1.09	1.00	109	59. - 125.	8900	blank
Benzene	mg/l	0.0720	1.02	1.00	95	60. - 143.	7953	03A111370
Toluene	mg/l	< 0.0200	0.950	1.00	95	62. - 139.	7953	03A111370
Ethylbenzene	mg/l	0.440	0.992	1.00	55#	61. - 138.	7953	03a111370
Xylenes (Total)	mg/l	0.160	2.09	2.00	96	59. - 137.	7953	03a111370
Methyl-t-butylether	mg/l	0.670	1.99	1.00	132	60. - 138.	7953	03a111370
TPH (Gasoline Range)	mg/l	< 0.100	0.996	1.00	100	56. - 134.	7953	blank
VOA Surr 1,2-DCA-d4	% Rec				102	70. - 133.	9888	
VOA Surr 1,2-DCA-d4	% Rec				107	70. - 133.	9910	
VOA Surr Toluene-d8	% Rec				98	76. - 123.	9888	
VOA Surr Toluene-d8	% Rec				97	76. - 123.	9910	
VOA Surr, 4-BPB	% Rec				90	71. - 132.	9888	
VOA Surr, 4-BPB	% Rec				95	71. - 132.	9910	
VOA Surr, DBPM	% Rec				96	74. - 128.	9888	
VOA Surr, DBPM	% Rec				99	74. - 128.	9910	

**Matrix Spike Duplicate**

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
<b>**UST PARAMETERS**</b>						
TRPH ORO (C24-C40)	mg/l	1.09	1.12	2.71	26.	8900
Benzene	mg/l	1.02	0.898	12.72	23.	7953
Toluene	mg/l	0.950	0.828	13.72	24.	7953
Ethylbenzene	mg/l	0.992	0.866	13.56	24.	7953
Xylenes (Total)	mg/l	2.09	1.82	13.81	25.	7953
Methyl-t-butylether	mg/l	1.99	1.73	13.98	24.	7953

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

Project Number: 222913X  
Project Name: EXXONMOBIL 7-0235  
Page: 2  
Laboratory Receipt Date: 7/18/03

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
TPH (Gasoline Range)	mg/l	0.996	0.983	1.31	24.	7953
BTEX/GRO Surr., a,a,a-TFT	% Recovery		107.			7953
VOA Surr 1,2-DCA-d4	% Rec		100.			9888
VOA Surr 1,2-DCA-d4	% Rec		105.			9910
VOA Surr Toluene-d8	% Rec		104.			9888
VOA Surr Toluene-d8	% Rec		96.			9910
VOA Surr, 4-BPB	% Rec		90.			9888
VOA Surr, 4-BPB	% Rec		95.			9910
VOA Surr, DBFM	% Rec		100.			9888
VOA Surr, DBFM	% Rec		97.			9910

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
<b>**UST PARAMETERS**</b>						
Benzene	mg/l	0.100	0.0930	93	74 - 120	7953
Benzene	mg/l	0.100	0.103	103	74 - 120	3385
Toluene	mg/l	0.100	0.0927	93	73 - 118	7953
Toluene	mg/l	0.100	0.103	103	73 - 118	3385
Ethylbenzene	mg/l	0.100	0.0932	93	72 - 118	7953
Ethylbenzene	mg/l	0.100	0.102	102	72 - 118	3385
Xylenes (Total)	mg/l	0.200	0.186	93	72 - 116	7953
Xylenes (Total)	mg/l	0.200	0.201	100	72 - 116	3385
Methyl-t-butylether	mg/l	0.100	0.0979	98	64 - 124	7953
Methyl-t-butylether	mg/l	0.100	0.0973	97	64 - 124	3385
Methyl-t-butylether	mg/l	0.100	0.0897	90	64 - 124	3388
TPH (Gasoline Range)	mg/l	1.00	0.996	100	72 - 125	7953
TPH (Gasoline Range)	mg/l	1.00	1.09	109	72 - 125	3385

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

Project Number: 222913X  
Project Name: EXXONMOBIL 7-0235  
Page: 3  
Laboratory Receipt Date: 7/18/03

BTEX/GRO Surr., a,a,a-TFT	% Recovery	104	69 - 129	7953
BTEX/GRO Surr., a,a,a-TFT	% Recovery	107	69 - 129	3385
BTEX/GRO Surr., a,a,a-TFT	% Recovery	106	69 - 129	3388

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
<b>**UST PARAMETERS**</b>						
TRPH ORO (C24-C40)	mg/l	1.00	1.01	101	59 - 125	8900

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	0.0436	87	59 - 133	9888
tert-amyl methyl ether	mg/L	0.0500	0.0408	82	67 - 126	9888
Tertiary butyl alcohol	mg/l	0.500	0.346	69	53 - 154	9888
1,2-Dibromoethane	mg/l	0.0500	0.0526	105	75 - 126	9888
1,2-Dichloroethane	mg/l	0.0500	0.0561	112	69 - 136	9888
Methyl-t-butyl ether	mg/l	0.0500	0.0455	91	64 - 140	9888
Methyl-t-butyl ether	mg/l	0.0500	0.0456	91	64 - 140	9910
Ethanol	mg/L	5.00	8.23	165 #	42 - 161	9888
Diisopropyl ether	mg/l	0.0500	0.0500	100	60 - 139	9888
VOA Surr 1,2-DCA-d4	% Rec			107	70 - 133	9888
VOA Surr 1,2-DCA-d4	% Rec			109	70 - 133	9910
VOA Surr Toluene-d8	% Rec			100	76 - 123	9888
VOA Surr Toluene-d8	% Rec			98	76 - 123	9910
VOA Surr, 4-BFB	% Rec			94	71 - 132	9888
VOA Surr, 4-BFB	% Rec			96	71 - 132	9910
VOA Surr, DBFM	% Rec			98	74 - 128	9888
VOA Surr, DBFM	% Rec			100	74 - 128	9910

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

Project Number: 222913X

Project Name: EXXONMOBIL 7-0235

Page: 4

Laboratory Receipt Date: 7/18/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
**UST PARAMETERS**					
TRPH ORO (C24-C40)	< 0.100	mg/l	8900	7/20/03	18:14
Benzene	< 0.00050	mg/l	7953	7/21/03	18:35
Benzene	< 0.00050	mg/l	3385	7/24/03	18:03
Toluene	< 0.0005	mg/l	7953	7/21/03	18:35
Toluene	< 0.0005	mg/l	3385	7/24/03	18:03
Ethylbenzene	< 0.0005	mg/l	7953	7/21/03	18:35
Ethylbenzene	< 0.0005	mg/l	3385	7/24/03	18:03
Xylenes (Total)	< 0.0005	mg/l	7953	7/21/03	18:35
Xylenes (Total)	< 0.0005	mg/l	3385	7/24/03	18:03
Methyl-t-butylether	< 0.0005	mg/l	7953	7/21/03	18:35
Methyl-t-butylether	< 0.0005	mg/l	3385	7/24/03	18:03
Methyl-t-butylether	< 0.0005	mg/l	3388	7/25/03	6:57
TPH (Gasoline Range)	< 0.0500	mg/l	7953	7/21/03	18:35
TPH (Gasoline Range)	< 0.0500	mg/l	3385	7/24/03	18:03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
**UST PARAMETERS**					
BTEX/GRO Surr., a,a,a-TFT	110.	% Recovery	7953	7/21/03	18:35
BTEX/GRO Surr., a,a,a-TFT	101.	% Recovery	3385	7/24/03	18:03
BTEX/GRO Surr., a,a,a-TFT	101.	% Recovery	3388	7/25/03	6:57

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

Project Number: 222913X

Project Name: EXXONMOBIL 7-0235

Page: 5

Laboratory Receipt Date: 7/18/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
**VOA PARAMETERS**					
Ethyl-t-butylether	< 0.00010	mg/l	9888	7/19/03	13:00
tert-amyl methyl ether	< 0.00019	mg/L	9888	7/19/03	13:00
Tertiary butyl alcohol	< 0.00257	mg/l	9888	7/19/03	13:00
1,2-Dibromoethane	< 0.00018	mg/l	9888	7/19/03	13:00
1,2-Dichloroethane	< 0.00021	mg/l	9888	7/19/03	13:00
Methyl-t-butyl ether	< 0.00014	mg/l	9888	7/19/03	13:00
Methyl-t-butyl ether	< 0.00014	mg/l	9910	7/20/03	13:14
Ethanol	< 0.0298	mg/L	9888	7/19/03	13:00
Diisopropyl ether	< 0.00003	mg/l	9888	7/19/03	13:00
VOA Surr 1,2-DCA-d4	109.	‡ Rec	9888	7/19/03	13:00
VOA Surr 1,2-DCA-d4	108.	‡ Rec	9910	7/20/03	13:14
VOA Surr Toluene-d8	97.	‡ Rec	9888	7/19/03	13:00
VOA Surr Toluene-d8	92.	‡ Rec	9910	7/20/03	13:14
VOA Surr, 4-BFB	89.	‡ Rec	9888	7/19/03	13:00
VOA Surr, 4-BFB	90.	‡ Rec	9910	7/20/03	13:14
VOA Surr, DBFM	99.	‡ Rec	9888	7/19/03	13:00
VOA Surr, DBFM	96.	‡ Rec	9910	7/20/03	13:14

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

End of Report for Project 339865



**COOLER RECEIPT FORM**

BC#

Client: ERT

Cooler Received On: 7/18/03 And Opened On: 7/18/03 By: Shawn Gracey

[Signature]  
(Signature)

1. Temperature of Cooler when opened 1.0 **Degrees Celsius**
2. Were custody seals on outside of cooler?.....YES...NO...NA  
 a. If yes, how many, what kind and where: 1, Front
3. Were custody seals on containers and intact?.....NO...YES...NA
4. Were the seals intact, signed, and dated correctly?.....YES...NO...NA
5. Were custody papers inside cooler?.....YES...NO...NA
6. Were custody papers properly filled out (ink,signed,etc)?.....YES...NO...NA
7. Did you sign the custody papers in the appropriate place?.....YES...NO...NA
8. What kind of packing material used? Bubblewrap Peanuts Vermiculite Other None
9. Was sufficient ice used (if appropriate)?.....YES...NO...NA
10. Did all bottles arrive in good condition( unbroken)?.....YES...NO...NA
11. Were all bottle labels complete (#,date,signed,pres,etc)?.....YES...NO...NA
12. Did all bottle labels and tags agree with custody papers?.....YES...NO...NA
13. Were correct bottles used for the analysis requested?.....YES...NO...NA
14. a. Were VOA vials received?.....YES...NO...NA  
 b. Was there any observable head space present in any VOA vial?.....NO...YES...NA
15. Was sufficient amount of sample sent in each bottle?.....YES...NO...NA
16. Were correct preservatives used?.....YES...NO...NA  
 If not, record standard ID of preservative used here \_\_\_\_\_
17. Was residual chlorine present?.....NO...YES...NA
18. See attached for resolution of non-conformance:

<u>Fed-Ex</u>	UPS	Velocity	Airborne	Route	Off-street	Misc.
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Consultant Name: Environmental Resolutions, Inc.

ExxonMobil Engineer Gene Ortega

Address: 73 Digital Drive, Suite 100

Telephone Number (925) 246-8747

(615) 726-0177

339865

City/State/Zip: Novato, California 94949

Account #: 3876

Nashville Division

Project Manager Paula Sime

PO #: 4501667111

2960 Foster Creighton

Telephone Number: (415) 382-4324

Facility ID # 70235

Nashville, TN 37204

ERI Job Number: 222913X

Global ID# T0600101354



Sampler Name: (Print) Neil Mock

Site Address 2225 Telegraph Avenue

Sampler Signature: *Neil Mock*

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	PROVIDE: EDF Report FAX Results	Special Instructions: <b>Hold analyses on sample "QCTB". Analyze oxygenates and lead scavengers by 8260B (include MTBE, ETBE, TAME, DIPE, TBA, ethanol, EDB, and EDC).</b>					Matrix			Analyze For:									
		DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Water	Soil	Vapor	TPHC 8015B	TPHG 8015B	BTEX 8021B	MTBE 8021B	Confirm MTBE 8260B	Oxygenates 8260B	Lead Scavengers 8260B	TPH motor oil 8015B	
		QCTB	11/362	7/16/03			HCL	2 VOAs	X				H	O	L	D			
		MW6B	3				HCL	4.8 VOAs/ 2 AMBs	X				X	X	X		X	X	X
		MW6E	4				HCL	4.8 VOAs/ 2 AMBs	X				X	X	X		X	X	X
		MW6F	5				HCL	4.8 VOAs/ 2 AMBs	X				X	X	X		X	X	X
		MW6G	6				HCL	4.8 VOAs/ 2 AMBs	X				X	X	X		X	X	X
		MW6H	7				HCL	4.8 VOAs/ 2 AMBs	X				X	X	X		X	X	X
		MW6I	8				HCL	4.8 VOAs/ 2 AMBs	X				X	X	X		X	X	X
		MW6J	9				HCL	4.8 VOAs/ 2 AMBs	X				X	X	X		X	X	X
		RW1	20				HCL	4.8 VOAs/ 2 AMBs	X				X	X	X		X	X	X
		RW2	1				HCL	4.8 VOAs/ 2 AMBs	X				X	X	X		X	X	X
		RW3A	11/372				HCL	4.8 VOAs/ 2 AMBs	X				X	X	X		X	X	X

Relinquished by: *Neil Mock* Date: 7/17/03 Time: 843 Received by: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by TestAmerica: \_\_\_\_\_ Time: 7/18/03

Laboratory Comments:  
 Temperature Upon Receipt: 10  
 Sample Containers Intact? *Y*  
 VOAs Free of Headspace? *Y*