

ExxonMobil
Refining & Supply Company
Global Remediation

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ExxonMobil
Refining & Supply

JUN 05 2002

May 29, 2002

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

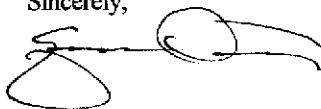
RE: Former Exxon RAS #7-0235/2225 Telegraph Avenue, Oakland, California.

Dear Mr. Hwang:

Attached for your review and comment is a letter report entitled *Quarterly Groundwater Monitoring Report, Second Quarter 2002*, dated May 29, 2002, 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,

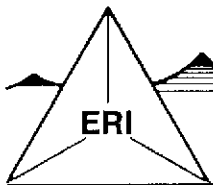


Gene N. Ortega
Territory Manager

Attachment: ERI's Quarterly Groundwater Monitoring Report, Second Quarter 2002, dated May 29, 2002.

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
Ms. Paula Sime, Environmental Resolutions, Inc.



May 29, 2002
ERI 222913.R18

JUN 05 2002

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

Subject: Quarterly Groundwater Monitoring Report, Second Quarter 2002, Former Exxon Service Station 7-0235, 2225 Telegraph Avenue, Oakland, California.

Mr. Ortega:

At the request of ExxonMobil Oil Corporation (formerly Exxon Company, U.S.A.) (ExxonMobil), Environmental Resolutions, Inc. (ERI) performed the second quarter 2002 groundwater monitoring and sampling event 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 April 2, 2002, 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 calculated groundwater flow direction and 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 benzene, toluene, ethylbenzene, and total xylenes (BTEX); methyl tertiary butyl ether (MTBE); and total petroleum hydrocarbons as gasoline (TPHg) 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

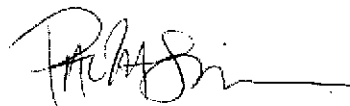
Mr. Joseph A. Aldridge
Valero Energy Corporation
685 West Third Street
Hanford, California 93230

LIMITATIONS

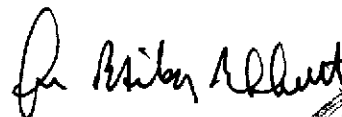
This report was prepared in accordance with generally accepted standards of environmental practice in California at the time this investigation was performed. This report has been prepared for ExxonMobil, and any reliance on this report by third parties shall be at such party's sole risk.

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



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 2 of 7)

Well ID # (TOC)	Sampling Date	SUBJ <.....>	DTW feet	Elev.	TPHg <.....>	MTBE	B ug/L	T	E	X	TPHmo	
MW6E (cont.) (21.58)	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	---	
(21.24)	10/03/01	NLPH	13.30	8.28	<50	<2	2.8	<0.5	<0.5	<0.5	---	
	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	
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	---		
07/05/01	NLPH	13.74	8.77	<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 7)

Well ID # (TOC)	Sampling Date	SUBJ <.....>	DTW feet	Elev.	TPHg <.....>	MTBE	B ug/L	T	E	X	TPHmo
MW6F (cont.) (22.17)	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	---
	04/02/02	NLPH	12.14	10.03	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50	<100
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	---	---	---	---	---	---	---
(20.72)	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
MW6H (16.58)	11/26/96	NLPH	11.87	4.71	1,200	<30	320	110	22	85	---
	02/27/97	NLPH	11.58	5.00	1,800	<200	760	31	8.4	44	---
	05/21/97	NLPH	12.23	4.35	1,100	81	640	18	5.4	45	---
	08/18/97	NLPH	12.29	4.29	870	26	200	3.6	2.4	7.4	---
	03/13/98	NLPH	11.44	5.14	5,300	<125	1,900	720	100	470	---

TABLE 1
 CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
 Former Exxon Service Station 7-0235
 2225 Telegraph Avenue
 Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ <.....>	DTW feet.....>	Elev.	TPHg <.....>	MTBE	B	T	E	X	TPHmo >	
MW6H (cont.) (20.47)	04/20/98	NLPH	11.58	5.00	6,000	2,700	1,500	600	91	440	---	
	07/21/98	NLPH	11.97	8.5	2,200	1,600	740	44	15	63	---	
	10/06/98	NLPH	12.23	8.24	5,400	3,000	1,900	<25	<25	76	---	
	01/11/99	NLPH	12.17	8.30	2,600	4,300	1,200	<12	<12	20	---	
	04/08/99	NLPH	11.56	8.91	13,000	13,000	3,400	1,300	260	1,200	---	
	07/19/99	NLPH	11.71	8.76	<2,000	6,920/8,520a	732	<20	<20	<20	---	
	07/27/99	NLPH	12.39	8.08	---	---	---	---	---	---	---	
	10/25/99	NLPH	12.16	8.31	700	4,000	360	1.1	0.68	2	---	
	01/27/00	NLPH	11.60	8.87	9,100	7,600	2,400	840	150	670	---	
	04/03/00	NLPH	11.62	8.85	12,000	8,800	2,800	1,100	230	1,020	---	
	07/05/00	NLPH	11.93	8.54	12,000	8,000	1,200	56	13	92	---	
	10/04/00	NLPH	12.16	8.31	4,400	8,400	1,500	23	12	80.6	---	
	10/05/00	---	---	---	---	---	---	---	---	---	<1,000	
	01/04/01	NLPH	12.03	8.44	2,300	3,800	880	15	6.4	33.9	---	
	04/03/01	NLPH	11.73	8.74	7,800	5,100	2,000	730	140	590	---	
	07/05/01	NLPH	11.98	8.49	2,300	3,200	630	25	10	40.8	---	
	10/03/01	NLPH	12.1	8.37	1,400	550	270	5.6	4.2	11.6	---	
(20.20)	Nov-01	Well surveyed in compliance with AB 2886 requirements.										
	01/02/02	NLPH	11.14	9.06	47,100	4,260	7,880	5,220	1,060	4,460	---	
	04/02/02	NLPH	11.68	8.52	17,500	1,590	2,280	1,290	282	1,090	<500	
MW6I (16.26)	11/26/96	NLPH	12.45	3.81	<50	<30	<0.5	<0.5	<0.5	<0.5	---	
	02/27/97	NLPH	12.24	4.02	<50	<30	<0.5	<0.5	<0.5	<0.5	---	
	05/21/97	NLPH	12.82	3.44	<50	<30	<0.5	<0.5	<0.5	<0.5	---	
	08/18/97	NLPH	12.81	3.45	<50	<30	<0.5	<0.5	<0.5	<0.5	---	
	03/13/98	---	---	---	---	---	---	---	---	---	---	
	04/20/98	NLPH	12.14	4.12	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	
	(20.24)	07/21/98	NLPH	12.59	7.65	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---
		10/06/98	NLPH	12.81	7.43	---	---	---	---	---	---	---
		01/11/99	NLPH	12.74	7.50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---
		04/08/99	NLPH	11.93	8.31	---	---	---	---	---	---	---
		07/19/99	NLPH	11.75	8.49	281	17.6	35.4	9.1	7.4	30.7	---
		07/27/99	NLPH	12.95	7.29	---	---	---	---	---	---	---
		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	---	

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 <.....>	DTW feet.....>	Elev.	TPHg <.....>	MTBE	Bug/L.....>	T	E	X	TPHmo>
MW6I (cont.)	10/04/00	---	---	---	---	---	---	---	---	---	---
(20.24)	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	---	---	---	---	---	---	---
MW6J	07/05/01	NLPH	13.47	7.25	<50	<2	<0.5	<0.5	<0.5	<0.5	---
(20.72)	10/03/01	NLPH	13.57	7.15	<50	<2	<0.5	<0.5	<0.5	<0.5	---
(20.75)	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
RW1	Not Monitored 6/16/92 through 10/6/98.										
(20.24)	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	---
(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
RW2	Not Monitored 6/16/92 through 4/20/98.										
(20.44)	07/21/98	NLPH	12.65	7.79	3,500	170	240	100	41	96	---

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 <.....>	DTW feet.....>	Elev.	TPHg <.....>	MTBE	B	T	E	X	TPHmo >
RW2 (cont.)	10/06/98	NLPH	13.06	7.38	3,200	200	120	48	56	120	---
(20.44)	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
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	---

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0235

2225 Telegraph Avenue

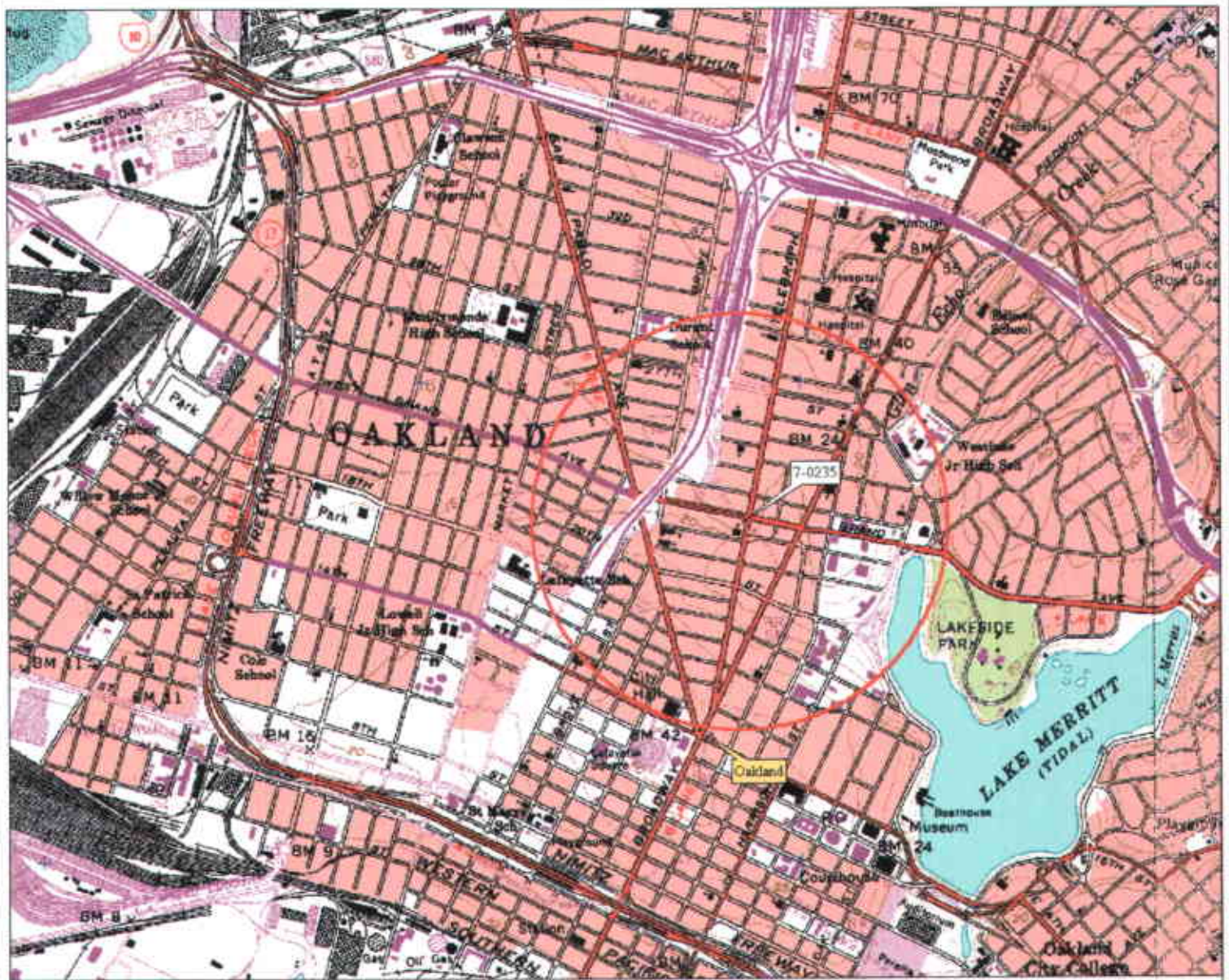
Oakland, California

(Page 7 of 7)

Well ID # (TOC)	Sampling Date	SUBJ <feet..... >	DTW	Elev.	TPHg < >	MTBE	Bug/L.....	T	E	X	TPHmo
RW3A (cont.) (21.89)	10/03/01	NLPH	13.58	8.17	< 50	12	21	<0.5	<0.5	<0.5	---
	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

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.
- < = 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.



© TopoQuads Copyright © 1999 DeLorme, Yarmouth, ME 04090 Source Data: USGS 1:50,000 Scale: 1:10,000 Contour: 15-ft Datum: NAD83

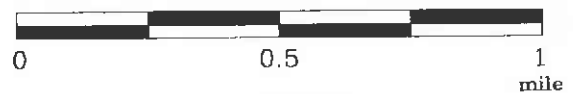
FN 2229Topo

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



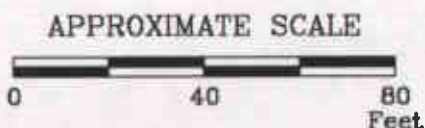
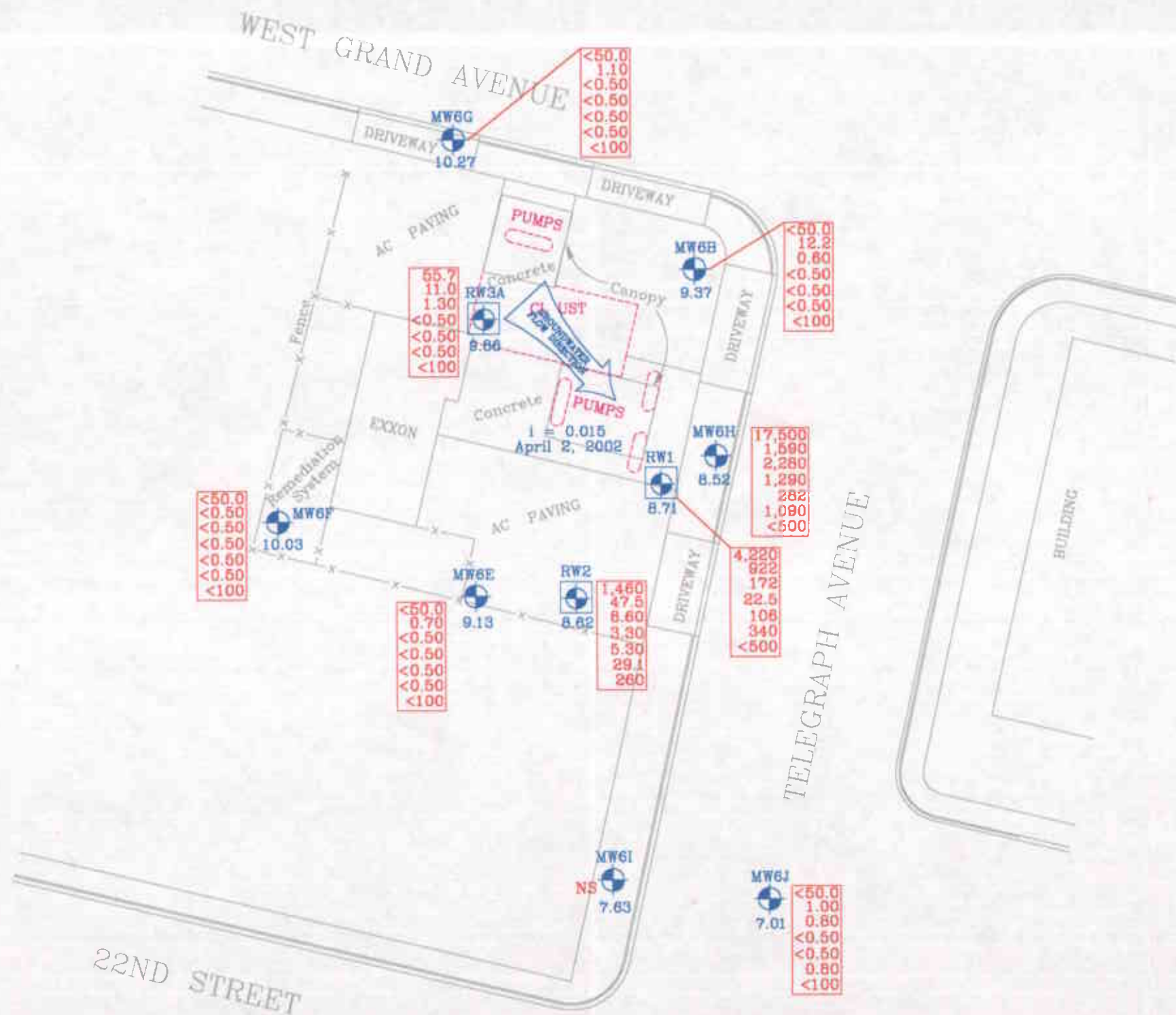
Analyte Concentrations in ug/L
 Sampled April 2, 2002

- 17,500 Total Petroleum Hydrocarbons as gasoline
- 1,590 Methyl Tertiary Butyl Ether
- 2,280 Benzene
- 1,290 Toluene
- 282 Ethylbenzene
- 1,090 Total Xylenes
- <500 Total Petroleum Hydrocarbons as motor oil

< Less Than the Stated Laboratory Reporting Limit

ug/L Micrograms per Liter

NS Not Sampled



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
 7.01 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
π	=	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.

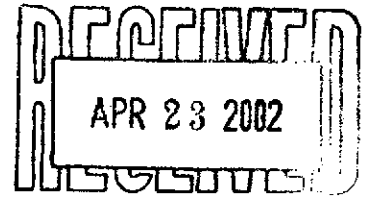
Each vial and glass amber bottle is sealed with a cap containing a Teflon® septum, and subsequently examined for air bubbles to avoid headspace, which would allow volatilization to occur. The samples are promptly transported in iced storage in a thermally-insulated ice chest, accompanied by a Chain of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

ATTACHMENT B

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

TestAmerica

INCORPORATED



4/22/02

ERI - NORTHERN CA 3876
PAULA SIME
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 EXXON 7-0235. The Laboratory Project number is 278808. An executed copy of the chain of custody and the sample receipt form are also included as an addendum to this report.

Page 1

Sample Identification	Lab Number	Collection Date
BB	02-A53994	4/ 2/02
MW 6B	02-A53995	4/ 2/02
MW 6E	02-A53996	4/ 2/02
MW 6F	02-A53997	4/ 2/02
MW 6G	02-A53998	4/ 2/02
MW 6H	02-A53999	4/ 2/02
MW 6J	02-A54000	4/ 2/02
RW 1	02-A54001	4/ 2/02
RW 2	02-A54002	4/ 2/02
RW 3A	02-A54003	4/ 2/02

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: Michael H. Dunn

Report Date: 4/22/02
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
Jennifer P. Flynn, 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: 02-A53994
 Sample ID: BB
 Sample Type: Water
 Site ID:

Project: 222913X
 Project Name: EXXON 7-0235
 Sampler: CYNTHIA KALLENBACH

Date Collected: 4/ 2/02
 Time Collected: 13:00
 Date Received: 4/ 5/02
 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	100.	1	4/ 9/02	1:24	M.Jarrett	8015B/3510	7699
Benzene	ND	ug/l	0.50	1	4/11/02	2:32	D.Yeager	8021B	7461
Ethylbenzene	ND	ug/l	0.50	1	4/11/02	2:32	D.Yeager	8021B	7461
Toluene	ND	ug/l	0.50	1	4/11/02	2:32	D.Yeager	8021B	7461
Xylenes (Total)	ND	ug/l	0.50	1	4/11/02	2:32	D.Yeager	8021B	7461
Methyl-t-butylether	ND	ug/l	0.50	1	4/11/02	2:32	D.Yeager	8021B	7461
TPH (Gasoline Range)	ND	ug/l	50.0	1	4/11/02	2:32	D.Yeager	8015B/5030	7461

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	4/ 8/02		M. Cauthen	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	117.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	101.	67. - 135.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A53994
Sample ID: BB
Project: 222913X
Page 2

LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- # = 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: 02-A53995
 Sample ID: MW 6B
 Sample Type: Water
 Site ID:

Project: 222913X
 Project Name: EXXON 7-0235
 Sampler: CYNTHIA KALLENBACH

Date Collected: 4/ 2/02
 Time Collected: 13:35
 Date Received: 4/ 5/02
 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	100.	1	4/ 9/02	1:45	M.Jarrett	8015B/3510	7699
Benzene	0.60	ug/l	0.50	1	4/11/02	3:58	D.Yeager	8021B	7461
Ethylbenzene	ND	ug/l	0.50	1	4/11/02	3:58	D.Yeager	8021B	7461
Toluene	ND	ug/l	0.50	1	4/11/02	3:58	D.Yeager	8021B	7461
Xylenes (Total)	ND	ug/l	0.50	1	4/11/02	3:58	D.Yeager	8021B	7461
Methyl-t-butylether	12.2	ug/l	0.50	1	4/11/02	3:58	D.Yeager	8021B	7461
TPH (Gasoline Range)	ND	ug/l	50.0	1	4/11/02	3:58	D.Yeager	8015B/5030	7461

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	4/ 8/02		M. Cauthen	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	103.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	96.	67. - 135.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A53995
Sample ID: MW 6B
Project: 222913X
Page 2

LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- # = 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: 02-A53996
 Sample ID: MW 6E
 Sample Type: Water
 Site ID:

Project: 222913X
 Project Name: EXXON 7-0235
 Sampler: CYNTHIA KALLENBACH

Date Collected: 4/ 2/02
 Time Collected: 13:10
 Date Received: 4/ 5/02
 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	100.	1	4/ 9/02	2:05	M.Jarrett	8015B/3510	7699
Benzene	ND	ug/l	0.50	1	4/11/02	4:27	D.Yeager	8021B	7461
Ethylbenzene	ND	ug/l	0.50	1	4/11/02	4:27	D.Yeager	8021B	7461
Toluene	ND	ug/l	0.50	1	4/11/02	4:27	D.Yeager	8021B	7461
Xylenes (Total)	ND	ug/l	0.50	1	4/11/02	4:27	D.Yeager	8021B	7461
Methyl-t-butylether	0.70	ug/l	0.50	1	4/11/02	4:27	D.Yeager	8021B	7461
TPH (Gasoline Range)	ND	ug/l	50.0	1	4/11/02	4:27	D.Yeager	8015B/5030	7461

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	4/ 8/02		M. Cauthen	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	120.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	105.	67. - 135.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A53996
Sample ID: MW 6E
Project: 222913X
Page 2

LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- # = 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: 02-A53997
 Sample ID: MW 6F
 Sample Type: Water
 Site ID:

Project: 222913X
 Project Name: EXXON 7-0235
 Sampler: CYNTHIA KALLENBACH

Date Collected: 4/ 2/02
 Time Collected: 13:15
 Date Received: 4/ 5/02
 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	100.	1	4/ 9/02	2:26	M.Jarrett	8015B/3510	7699
Benzene	ND	ug/l	0.50	1	4/11/02	4:55	D.Yeager	8021B	7461
Ethylbenzene	ND	ug/l	0.50	1	4/11/02	4:55	D.Yeager	8021B	7461
Toluene	ND	ug/l	0.50	1	4/11/02	4:55	D.Yeager	8021B	7461
Xylenes (Total)	ND	ug/l	0.50	1	4/11/02	4:55	D.Yeager	8021B	7461
Methyl-t-butylether	ND	ug/l	0.50	1	4/11/02	4:55	D.Yeager	8021B	7461
TPH (Gasoline Range)	ND	ug/l	50.0	1	4/11/02	4:55	D.Yeager	8015B/5030	7461

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	4/ 8/02		M. Cauthen	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	97.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	102.	67. - 135.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A53997
Sample ID: MW 6F
Project: 222913X
Page 2

LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- # = 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: 02-A53998
 Sample ID: MW 6G
 Sample Type: Water
 Site ID:

Project: 222913X
 Project Name: EXXON 7-0235
 Sampler: CYNTHIA KALLENBACH

Date Collected: 4/ 2/02
 Time Collected: 13:20
 Date Received: 4/ 5/02
 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	100.	1	4/ 9/02	2:47	M.Jarrett	8015B/3510	7699
Benzene	ND	ug/l	0.50	1	4/11/02	5:23	D.Yeager	8021B	7461
Ethylbenzene	ND	ug/l	0.50	1	4/11/02	5:23	D.Yeager	8021B	7461
Toluene	ND	ug/l	0.50	1	4/11/02	5:23	D.Yeager	8021B	7461
Xylenes (Total)	ND	ug/l	0.50	1	4/11/02	5:23	D.Yeager	8021B	7461
Methyl-t-butylether	1.10	ug/l	0.50	1	4/11/02	5:23	D.Yeager	8021B	7461
TPH (Gasoline Range)	ND	ug/l	50.0	1	4/11/02	5:23	D.Yeager	8015B/5030	7461

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	4/ 8/02		M. Cauthen	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	100.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	101.	67. - 135.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A53998
Sample ID: MW 6G
Project: 222913X
Page 2

LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- # = 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: 02-A53999
 Sample ID: MW 6H
 Sample Type: Water
 Site ID:

Project: 222913X
 Project Name: EXXON 7-0235
 Sampler: CYNTHIA KALLENBACH

Date Collected: 4/ 2/02
 Time Collected: 13:50
 Date Received: 4/ 5/02
 Time Received: 9:00
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis		Analyst	Method	Batch
					Date	Time			
ORGANIC PARAMETERS									
TRPH ORO (C24-C40)	ND	ug/l	500.	5	4/ 9/02	10:28	M. Jarrett	8015B/3510	7699
Benzene	2280	ug/l	10.0	20	4/11/02	5:52	D. Yeager	8021B	7461
Ethylbenzene	282.	ug/l	10.0	20	4/11/02	5:52	D. Yeager	8021B	7461
Toluene	1290	ug/l	10.0	20	4/11/02	5:52	D. Yeager	8021B	7461
Xylenes (Total)	1090	ug/l	10.0	20	4/11/02	5:52	D. Yeager	8021B	7461
Methyl-t-butylether	1590	ug/l	10.0	20	4/11/02	5:52	D. Yeager	8021B	7461
TPH (Gasoline Range)	17500	ug/l	1000	20	4/11/02	5:52	D. Yeager	8015B/5030	7461

Sample Extraction Data

Parameter	Wt/vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	4/ 8/02		M. Cauthen	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	90.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	77.	67. - 135.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A53999
Sample ID: MW 6H
Project: 222913X
Page 2

LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- # = 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: 02-A54000
 Sample ID: MW 6J
 Sample Type: Water
 Site ID:

Project: 222913X
 Project Name: EXXON 7-0235
 Sampler: CYNTHIA KALLENBACH

Date Collected: 4/ 2/02
 Time Collected: 9:40
 Date Received: 4/ 5/02
 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	100.	1	4/ 9/02	3:29	M. Jarrett	8015B/3510	7699
Benzene	0.80	ug/l	0.50	1	4/11/02	3:19	A. Cobbs	8021B	7487
Ethylbenzene	ND	ug/l	0.50	1	4/11/02	3:19	A. Cobbs	8021B	7487
Toluene	ND	ug/l	0.50	1	4/11/02	3:19	A. Cobbs	8021B	7487
Xylenes (Total)	0.80	ug/l	0.50	1	4/11/02	3:19	A. Cobbs	8021B	7487
Methyl-t-butylether	1.00	ug/l	0.50	1	4/11/02	3:19	A. Cobbs	8021B	7487
TPH (Gasoline Range)	ND	ug/l	50.0	1	4/11/02	3:19	A. Cobbs	8015B/5030	7487

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	4/ 8/02		M. Cauthen	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	107.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	102.	67. - 135.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A54000
Sample ID: MW 6J
Project: 222913X
Page 2

LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- # = 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: 02-A54001
 Sample ID: RW 1
 Sample Type: Water
 Site ID:

Project: 222913X
 Project Name: EXXON 7-0235
 Sampler: CYNTHIA KALLENBACH

Date Collected: 4/ 2/02
 Time Collected: 13:55
 Date Received: 4/ 5/02
 Time Received: 9:00
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis		Analyst	Method	Batch
					Date	Time			
ORGANIC PARAMETERS									
TRPH ORO (C24-C40)	ND	ug/l	500.	5	4/ 9/02	10:48	M. Jarrett	8015B/3510	7699
Benzene	172.	ug/l	2.50	5	4/11/02	15:19	A. Cobbs	8021B	7487
Ethylbenzene	106.	ug/l	2.50	5	4/11/02	15:19	A. Cobbs	8021B	7487
Toluene	22.5	ug/l	2.50	5	4/11/02	15:19	A. Cobbs	8021B	7487
Xylenes (Total)	340.	ug/l	2.50	5	4/11/02	15:19	A. Cobbs	8021B	7487
Methyl-t-butylether	922.	ug/l	2.50	5	4/11/02	15:19	A. Cobbs	8021B	7487
TPH (Gasoline Range)	4220	ug/l	250.	5	4/11/02	15:19	A. Cobbs	8015B/5030	7487

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	4/ 8/02		M. Cauthen	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	90.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	89.	67. - 135.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A54001
Sample ID: RW 1
Project: 222913X
Page 2

LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- # = 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: 02-A54002
 Sample ID: RW 2
 Sample Type: Water
 Site ID:

Project: 222913X
 Project Name: EXXON 7-0235
 Sampler: CYNTHIA KALLENBACH

Date Collected: 4/ 2/02
 Time Collected: 13:45
 Date Received: 4/ 5/02
 Time Received: 9:00
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis		Analyst	Method	Batch
					Date	Time			
ORGANIC PARAMETERS									
TRPH ORO (C24-C40)	260.	ug/l	200.	2	4/ 9/02	11:09	M. Jarrett	8015B/3510	7699
Benzene	8.60	ug/l	0.50	1	4/11/02	4:20	A. Cobbs	8021B	7487
Ethylbenzene	5.30	ug/l	0.50	1	4/11/02	4:20	A. Cobbs	8021B	7487
Toluene	3.30	ug/l	0.50	1	4/11/02	4:20	A. Cobbs	8021B	7487
Xylenes (Total)	29.1	ug/l	0.50	1	4/11/02	4:20	A. Cobbs	8021B	7487
Methyl-t-butylether	47.5	ug/l	0.50	1	4/11/02	4:20	A. Cobbs	8021B	7487
TPH (Gasoline Range)	1460	ug/l	50.0	1	4/11/02	4:20	A. Cobbs	8015B/5030	7487

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	4/ 8/02		M. Cauthen	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	92.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	77.	67. - 135.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A54002
Sample ID: RW 2
Project: 222913X
Page 2

LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- # = 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: 02-A54003
 Sample ID: RW 3A
 Sample Type: Water
 Site ID:

Project: 222913X
 Project Name: EXXON 7-0235
 Sampler: CYNTHIA KALLENBACH

Date Collected: 4/ 2/02
 Time Collected: 13:30
 Date Received: 4/ 5/02
 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	100.	1	4/ 9/02	11:30	M. Jarrett	8015B/3510	7699
Benzene	1.30	ug/l	0.50	1	4/11/02	4:50	A. Cobbs	8021B	7487
Ethylbenzene	ND	ug/l	0.50	1	4/11/02	4:50	A. Cobbs	8021B	7487
Toluene	ND	ug/l	0.50	1	4/11/02	4:50	A. Cobbs	8021B	7487
Xylenes (Total)	ND	ug/l	0.50	1	4/11/02	4:50	A. Cobbs	8021B	7487
Methyl-t-butylether	11.0	ug/l	0.50	1	4/11/02	4:50	A. Cobbs	8021B	7487
TPH (Gasoline Range)	55.7	ug/l	50.0	1	4/11/02	4:50	A. Cobbs	8015B/5030	7487

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	4/ 8/02		M. Cauthen	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	108.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	104.	67. - 135.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A54003

Sample ID: RW 3A

Project: 222913X

Page 2

LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

= Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

PROJECT QUALITY CONTROL DATA

Project Number: 222913X

Page: 1

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSIS								
Benzene	mg/l	< 0.0005	0.0494	0.0500	99	82. - 125.	7461	BLANK
Benzene	mg/l	< 0.0005	0.0498	0.0500	100	82. - 125.	7487	blank
Toluene	mg/l	< 0.00050	0.04810	0.05000	96	77. - 121.	7461	BLANK
Toluene	mg/l	< 0.00050	0.05180	0.05000	104	77. - 121.	7487	blank
Ethylbenzene	mg/l	< 0.00050	0.05010	0.05000	100	76. - 128.	7461	BLANK
Ethylbenzene	mg/l	< 0.00050	0.05260	0.05000	105	76. - 128.	7487	blank
Xylenes (Total)	mg/l	< 0.00050	0.09460	0.1000	95	79. - 125.	7461	BLANK
Xylenes (Total)	mg/l	< 0.00050	0.1044	0.1000	104	79. - 125.	7487	blank
Methyl-t-butylether	mg/l	< 0.00050	0.04750	0.05000	95	71. - 128.	7461	BLANK
Methyl-t-butylether	mg/l	< 0.00050	0.04740	0.05000	95	71. - 128.	7487	blank
TPH (Gasoline Range)	mg/l	< 0.0500	0.990	1.00	99	72. - 126.	7461	BLANK
TPH (Gasoline Range)	mg/l	< 0.0500	0.974	1.00	97	72. - 126.	7487	blank
BTEX/GRO Surr., a,a,a-TFT	% Recovery				96	67. - 135.	7461	
BTEX/GRO Surr., a,a,a-TFT	% Recovery				100	67. - 135.	7487	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.0494	0.0485	1.84	13.	7461
Benzene	mg/l	0.0498	0.0501	0.60	13.	7487
Toluene	mg/l	0.04810	0.04720	1.89	13.	7461
Toluene	mg/l	0.05180	0.05210	0.58	13.	7487
Ethylbenzene	mg/l	0.05010	0.04910	2.02	13.	7461
Ethylbenzene	mg/l	0.05260	0.05260	0.00	13.	7487
Xylenes (Total)	mg/l	0.09460	0.09290	1.81	13.	7461
Xylenes (Total)	mg/l	0.1044	0.1043	0.10	13.	7487
Methyl-t-butylether	mg/l	0.04750	0.04580	3.64	12.	7461
Methyl-t-butylether	mg/l	0.04740	0.04900	3.32	12.	7487

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

Project Number: 222913X

Page: 2

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
TPH (Gasoline Range)	mg/l	0.990	0.918	7.55	20.	7461
TPH (Gasoline Range)	mg/l	0.974	0.950	2.49	20.	7487
BTEX/GRO Surr., a,a,a-TFT	% Recovery		97.			7461
BTEX/GRO Surr., a,a,a-TFT	% Recovery		100.			7487

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.1000	0.0948	95	82 - 122	7461
Benzene	mg/l	0.1000	0.0935	94	82 - 122	7487
Toluene	mg/l	0.1000	0.09060	91	77 - 119	7461
Toluene	mg/l	0.1000	0.09630	96	77 - 119	7487
Ethylbenzene	mg/l	0.1000	0.09380	94	76 - 125	7461
Ethylbenzene	mg/l	0.1000	0.09780	98	76 - 125	7487
Xylenes (Total)	mg/l	0.2000	0.1749	87	73 - 123	7461
Xylenes (Total)	mg/l	0.2000	0.1948	97	73 - 123	7487
Methyl-t-butylether	mg/l	0.1000	0.08320	83	71 - 126	7461
Methyl-t-butylether	mg/l	0.1000	0.09010	90	71 - 126	7487
TPH (Gasoline Range)	mg/l	1.00	0.990	99	75 - 126	7461
TPH (Gasoline Range)	mg/l	1.00	0.974	97	75 - 126	7487
BTEX/GRO Surr., a,a,a-TFT	% Recovery			93	67 - 135	7461
BTEX/GRO Surr., a,a,a-TFT	% Recovery			98	67 - 135	7487

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
TRPH ORO (C24-C40)	< 0.10	mg/l	7699	4/ 8/02	23:40

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

Project Number: 222913X

Page: 3

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Benzene	< 0.0005	mg/l	7461	4/10/02	18:33
Benzene	< 0.0005	mg/l	7487	4/11/02	14:49
Toluene	< 0.00050	mg/l	7461	4/10/02	18:33
Toluene	< 0.00050	mg/l	7487	4/11/02	14:49
Ethylbenzene	< 0.00050	mg/l	7461	4/10/02	18:33
Ethylbenzene	< 0.00050	mg/l	7487	4/11/02	14:49
Xylenes (Total)	< 0.00050	mg/l	7461	4/10/02	18:33
Xylenes (Total)	< 0.00050	mg/l	7487	4/11/02	14:49
Methyl-t-butylether	< 0.00050	mg/l	7461	4/10/02	18:33
Methyl-t-butylether	< 0.00050	mg/l	7487	4/11/02	14:49
TPH (Gasoline Range)	< 0.0500	mg/l	7461	4/10/02	18:33
TPH (Gasoline Range)	< 0.0500	mg/l	7487	4/11/02	14:49

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
BTEX/GRO Surr., a,a,a-TFT	101.	% Recovery	7461	4/10/02	18:33
BTEX/GRO Surr., a,a,a-TFT	103.	% Recovery	7487	4/11/02	14:49

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 278808



(615) 726-0177

Nashville Division
2960 Foster Creighton
Nashville, TN 37204



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) Cynthia Kallenbach

Sampler Signature: *Cynthia Kallenbach*

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	PROVIDE: EDF Report FAX Results	Special Instructions: 278808	Matrix				Analyze For:										
			Water	Soil	Vapor	TPHd 8015	TPHg 8015	BTEX 8020	MTBE 8020	Confirm MTBE 8260	Oxygenates 8260	VOCs 8260	TPH motor oil 8015				
Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER											
BB <i>02A53994</i>	<i>4/2/02</i>	<i>1300</i>		X	HCL	<i>2 VOAs/ 2 AMBs</i>	X				X	X	X				X
MW6B <i>95</i>		<i>1335</i>		X	HCL	<i>4 VOAs/ 2 AMBs</i>	X				X	X	X				X
MW6E <i>96</i>		<i>1310</i>		X	HCL	<i>4 VOAs/ 2 AMBs</i>	X				X	X	X				X
MW6F <i>97</i>		<i>1315</i>		X	HCL	<i>4 VOAs/ 2 AMBs</i>	X				X	X	X				X
MW6G <i>98</i>		<i>1320</i>		X	HCL	<i>4 VOAs/ 2 AMBs</i>	X				X	X	X				X
MW6H <i>99</i>		<i>1350</i>		X	HCL	<i>4 VOAs/ 2 AMBs</i>	X				X	X	X				X
MW6J <i>94000</i>		<i>0940</i>		X	HCL	<i>4 VOAs/ 2 AMBs</i>	X				X	X	X				X
RW1 <i>01</i>		<i>1355</i>		X	HCL	<i>4 VOAs/ 2 AMBs</i>	X				X	X	X				X
RW2 <i>02</i>		<i>1345</i>		X	HCL	<i>4 VOAs/ 2 AMBs</i>	X				X	X	X				X
RW3A <i>54003</i>		<i>1330</i>		X	HCL	<i>4 VOAs/ 2 AMBs</i>	X				X	X	X				X

Relinquished by: *Cynthia Kallenbach* Date *4/2/02* Time *1430*

Received by: _____ Time _____

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

Relinquished by: _____ Date _____ Time _____

Received by TestAmerica: *Andrew 4502* Time *1400*