

**ENVIRONMENTAL RESOLUTIONS, INC.**

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April 21, 1997  
ERI 200913.R09

Ms. Marla D. Guensler  
Exxon Company, U.S.A.  
2300 Clayton Road, Suite 640  
Concord, California 94520

Subject: Quarterly Groundwater Monitoring, First Quarter 1997, Former Exxon Service Station 7-0236, 6630 East 14th Street, Oakland, California.

Ms. Guensler:

At the request of Exxon Company, U.S.A. (Exxon), Environmental Resolutions, Inc. (ERI) performed the first quarter 1997 groundwater monitoring event at the subject site (Plate 1). The purpose of quarterly monitoring is to evaluate fluctuations in dissolved hydrocarbon concentrations in groundwater and groundwater flow direction and gradient.

### **GROUNDWATER MONITORING AND SAMPLING**

On February 25, 1997, ERI measured depth to water (DTW) in monitoring wells MW2 through MW6 and MW8 and collected groundwater samples from these wells for laboratory analysis. No measurable liquid phase hydrocarbons were observed in the monitoring wells. ERI's groundwater sampling protocol is attached (Attachment A). ERI also measured dissolved oxygen concentrations in the wells on January 17, February 25, and March 13, 1997.

Based on DTW measurements the groundwater appears to flow south-southwest with a hydraulic gradient of 0.028 (Plate 2). Historical and recent monitoring data are summarized in Table 1.

### **LABORATORY ANALYSES AND RESULTS**

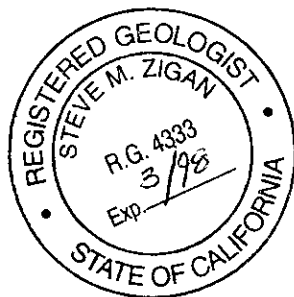
Groundwater samples were submitted to Sequoia Analytical Laboratories (California State Certification Number 1210) in Redwood City, California, under chain of custody protocol. The samples were analyzed for benzene, toluene, ethylbenzene, total xylenes (BTEX), methyl tert-butyl ether (MTBE), total petroleum hydrocarbons as gasoline (TPHg), and total extractable petroleum hydrocarbons as diesel (TEPHd) using the methods listed in the notes in Table 1. The laboratory analysis reports and chain of custody records are attached (Attachment B). Cumulative results of laboratory analysis of groundwater samples are summarized in Table 1. The results of analyses of groundwater samples collected during the recent sampling event are shown on Plate 2.

## LIMITATIONS

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

If you have any questions or comments regarding this report, please call (415) 382-5994.

Sincerely,  
Environmental Resolutions, Inc.



A handwritten signature in cursive script, reading "Glenn L. Matteucci".

Glenn L. Matteucci  
Senior Staff Geologist

A handwritten signature in cursive script, reading "Steve M. Zigan".

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

Enclosures:    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 Reports and Chain of Custody Record

**TABLE 1**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0236  
(Formerly East 14th Street)  
Oakland, California  
(Page 1 of 6)

Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TEPHd <	TPHg	B	T parts per billion	E	X	MTBE >	DO < ppm >
MW1 (20.20)	3/15/91	NR	7.44	12.76	---	<50	<0.3	0.5	0.3	1.3	---	---
	01/15/92 (H,T)	NR	10.60	9.60	<300	<50	<0.5	0.7	<0.5	0.9	---	---
	03/23/92 (H,T)	NR	6.38	13.82	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	4/6/92	NR	7.55	12.65	---	---	---	---	---	---	---	---
	07/08/92 (H,T)	NR	9.85	10.35	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	10/13/92 (H,T)	NR	12.95	7.25	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	3/9/93	NLPH	7.38	12.82	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	6/4/93	NLPH	8.55	11.65	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	9/2/93	NLPH	10.85	9.35	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	11/16/93	NLPH	12.43	7.77	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	2/4/94	NLPH	9.10	11.10	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	4/29/94	NLPH	8.45	11.75	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	9/20/94	NLPH	10.73	9.47	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	12/14/94	NLPH	7.35	12.85	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	3/27/95	NLPH	7.06	13.14	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	5/18/95	NLPH	7.32	12.88	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	8/8/95	NLPH	9.24	10.96	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---
	11/7/95	NLPH	10.74	9.46	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---
	2/29/96	NLPH	6.80	13.40	53	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---
	5/10/96	NLPH	8.13	12.07	150	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---
	8/20/96	NLPH	9.58	10.62	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---
	10/17/96	---	---	---	---	---	---	---	---	---	---	9.50
	11/27/96	---	---	---	---	---	---	---	---	---	---	11.54
	12/6/96	NLPH	8.10	12.10	---	---	---	---	---	---	---	10.05
	1/19/97	Destroyed										
MW2 (19.15)	03/15/91 (H,T)	NR	9.05	10.10	120	1,700	190	2.6	12	64	---	---
	01/15/92 (H,T)	NR	11.60	7.55	1,000	6,800	81	<10	320	170	---	---
	03/23/92 (H,T)	NR	9.42	9.73	3,000	7,100	740	30	810	490	---	---
	4/6/92	NR	9.09	10.06	---	---	---	---	---	---	---	---
	7/8/92	NR	10.08	9.07	2,100	7,000	250	14	300	160	---	---
	10/13/92	NR	12.06	7.09	1,900	3,200	97	2.6	97	53	---	---
	3/9/93	sheen	9.71	9.44	---	---	---	---	---	---	---	---
	6/4/93	sheen	9.40	9.75	---	---	---	---	---	---	---	---
	09/02/93	sheen	10.46	8.69	3,700	11,000	210	18	260	59	2,500	---
	11/16/93 (M*)	NLPH	11.44	7.71	3,300	8,500	75	27	51	32	---	---
	2/4/94	NLPH	10.41	8.74	2,700	4,400	120	16	22	7.7	---	---
	4/29/94	NLPH	9.51	9.64	2,000	380	5.9	0.6	1.6	<0.5	---	---

**TABLE 1**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0236  
(Formerly East 14th Street)  
Oakland, California  
(Page 2 of 6)

Well ID # (TOC)	Sampling Date	SUBJ <	D/TW feet	Elev. >	TEPHd <	TPHg	B	T parts per billion	E	X	MTBE >	DO <ppm>	
MW2 (cont ) (19.15)	9/20/94	NLPH	10.57	8.58	1,800**	19,000	190	29***	110	27***	---	---	
	12/14/94	sheen	8.90	10.25	---	---	---	---	---	---	---	---	
	09/20/94	NLPH	10.57	8.58	1,800**	19,000	190	29***	110	27***	---	---	
	12/14/94	sheen	8.90	10.25	---	---	---	---	---	---	---	---	
	3/27/95	NLPH	7.72	11.43	1,700	6,300	210	15	250	43	---	---	
	5/18/95	sheen	8.65	10.50	2,000#	6,000	180	9.9	220	55	---	---	
	8/8/95	NLPH	9.67	9.48	2,700	5,300	110	<20	120	<20	36,000	---	
	11/7/95	NLPH	10.49	8.66	1,800	6,400	120	11	95	38	24,000	---	
	Additional Analyses for general minerals and properties <*												
	2/29/96	NLPH	8.45	10.70	2,500	<5,000	120	<50	120	<50	25,000	---	
	5/10/96	NLPH	9.02	10.13	2,300	11,000	210	120	210	140	26,000	---	
	8/20/96	NLPH	10.08	9.07	---	---	---	---	---	---	---	---	
	10/17/96	---	---	---	---	---	---	---	---	---	---	7.75	
	11/27/96	---	---	---	---	---	---	---	---	---	---	6.28	
	(22.19)	12/6/96	NLPH	10.21	8.94	1,700	5,800	170	<25	38	<25	<125	5.21
1/17/97		NLPH	---	---	---	---	---	---	---	---	---	3.67	
2/25/97		NLPH	8.15	14.04	1,500	5,900	110	14	310	52	4,400	2.71	
3/13/97		---	---	---	---	---	---	---	---	---	---	2.46	
MW3 (19.59)	03/15/91 (H,T)	NR	7.84	11.75	160	3,100	2.2	1.9	100	84	---	---	
	01/15/92 (H,T)	NR	10.30	9.29	<300	250	0.7	6.8	1.5	1.5	---	---	
	03/23/92 (H,T)	NR	6.84	12.75	440	640	<0.5	12	25	6.5	---	---	
	4/6/92	NR	7.84	11.75	---	---	---	---	---	---	---	---	
	07/08/92 (H,T)	NR	8.63	10.96	960	2,900	<0.5	2.6	12	63.7	---	---	
	10/13/92 (H)	NR	12.10	7.49	400	1,100	5.5	<0.5	4.6	1.1	---	---	
	3/9/93	sheen	9.05	10.54	---	---	---	---	---	---	---	---	
	6/4/93	sheen	8.43	11.16	---	---	---	---	---	---	---	---	
	9/2/93	NLPH	10.22	9.37	690	840	2.7	3.6	5.4	2.9	---	---	
	11/16/93	NLPH	11.44	8.15	310	650	<0.5	11	7.7	2.4	---	---	
	2/4/94	NLPH	9.27	10.32	340	870	0.6	14	1.2	0.8	---	---	
	4/29/94	NLPH	8.10	11.49	290	790	<0.5	<0.5	0.8	1	---	---	
	9/20/94	NLPH	10.10	9.49	91**	1,900	<0.5	<0.5	11	4.4	---	---	
	12/14/94	NLPH	8.00	11.59	190	1,700	17	22	<0.5	<0.5	---	---	
	3/27/95	NLPH	7.23	12.36	1,100	1,500	5	3.1	6.3	3.6	---	---	
	5/18/95	NLPH	7.73	11.86	470#	1,000	<0.5	<0.5	4.1	0.94	---	---	
	8/8/95	NLPH	8.81	10.78	580	1,600	12	<0.5	2.4	0.63	12	---	
11/7/95	NLPH	9.96	9.63	540	1,500	<2.5	2.9	<2.5	<2.5	26	---		
2/29/96	NLPH	8.47	11.12	680	1,000	<5.0	<5.0	<5.0	<5.0	<25	---		
5/10/96	NLPH	7.93	11.66	560	480	<1.0	<1.0	<1.0	<1.0	6.8	---		

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA  
 Former Exxon Service Station 7-0236  
 (Formerly East 14th Street)  
 Oakland, California  
 (Page 3 of 6)

Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TEPHd <	TPHg	B	T	E	X	MTBE >	DO < ppm >
parts per billion												
MW3 (cont.) (19.59)	8/20/96	NLPH	10.13	9.46	---	---	---	---	---	---	---	---
	10/17/96	---	---	---	---	---	---	---	---	---	---	7.65
	11/27/96	---	---	---	---	---	---	---	---	---	---	8.76
(22.62)	12/6/96	NLPH	9.21	10.38	450	970	<1.0	<1.0	<1.0	1.8	19	10.14
	1/17/97	---	---	---	---	---	---	---	---	---	---	14.02
	2/25/97	NLPH	8.34	14.28	410	990	10	0.85	0.86	1.5	47	10.69
	3/13/97	---	---	---	---	---	---	---	---	---	---	8.68
MW4 (19.46)	4/6/92	NR	7.76	11.70	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	7/8/92	NR	9.56	9.90	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	10/13/92	NR	12.09	7.37	<80	<50	<0.5	<0.5	<0.5	<0.5	---	---
	3/9/93	NLPH	7.53	11.93	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	6/4/93	NLPH	8.50	10.96	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	9/2/93	NLPH	10.30	9.16	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	11/16/93*	---	---	---	---	---	---	---	---	---	---	---
	2/4/94	NLPH	8.82	10.64	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	04/29/94(D)	NLPH	8.55	10.91	100	<50	<0.5	<0.5	<0.5	<0.5	---	---
	9/20/94	NLPH	10.21	9.25	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	12/14/94	NLPH	7.04	12.42	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	3/27/95	NLPH	6.38	13.08	140	<50	<0.5	<0.5	<0.5	<0.5	---	---
	5/18/95	NLPH	7.56	11.90	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	8/8/95	NLPH	8.92	10.54	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---
	11/7/95	NLPH	10.30	9.16	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---
	2/29/96	NLPH	6.44	13.02	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---
	5/10/96	NLPH	8.15	11.31	<50	<50	<0.5	0.84	<0.5	2.3	<2.5	---
	8/20/96	NLPH	9.27	10.19	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---
	10/17/96	---	---	---	---	---	---	---	---	---	---	1.63
	11/27/96	---	---	---	---	---	---	---	---	---	---	1.54
(22.58)	12/6/96	NLPH	7.76	11.70	---	---	---	---	---	---	---	2.33
	1/17/97	---	---	---	---	---	---	---	---	---	---	0.91
	2/25/97	NLPH	7.98	14.60	<50	<50	0.60	0.89	<0.5	1.8	<2.5	1.03
	3/13/97	---	---	---	---	---	---	---	---	---	---	1.06
MW5 (16.95)	04/06/92	NR	10.66	6.29	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	07/08/92*	---	---	---	---	---	---	---	---	---	---	---
	10/13/92	NR	15.02	1.93	<50	69	<0.5	<0.5	<0.5	<0.5	---	---
	3/9/93	NLPH	10.27	6.68	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---
	6/4/93	NLPH	11.35	5.60	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA  
 Former Exxon Service Station 7-0236  
 (Formerly East 14th Street)  
 Oakland, California  
 (Page 4 of 6)

Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TEPHd <	TPHg	B	T	E	X	MTBE >	DO < ppm >	
													parts per billion
MW5 (cont.) (16.95)	9/2/93	NLPH	13.15	3.80	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	11/16/93	NLPH	14.35	2.60	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	2/4/94	NLPH	11.83	5.12	60	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	4/29/94	NLPH	11.15	5.80	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	9/20/94	NLPH	12.79	4.16	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	12/14/94	NLPH	9.95	7.00	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	3/27/95	NLPH	9.09	7.86	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	5/18/95	NLPH	10.29	6.66	<50	<50	<0.5	4.6	0.65	2.8	---	---	
	8/8/95	NLPH	11.13	5.82	51	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	
	11/7/95	NLPH	12.12	4.83	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	
	Additional Analyses for general minerals and properties < **												
	2/29/96	NLPH	9.24	7.71	60	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	
	5/10/96	NLPH	10.71	6.24	<50	<50	<0.5	<0.5	<0.5	1.6	<2.5	---	
	8/20/96	NLPH	11.45	5.50	---	---	---	---	---	---	---	---	
	10/17/96	---	---	---	---	---	---	---	---	---	---	---	
	11/27/96	---	---	---	---	---	---	---	---	---	---	---	
12/6/96	NLPH	10.70	6.25	90	62	1.2	6.5	1.7	11	<2.5	---		
(19.98)	1/17/97	---	---	---	---	---	---	---	---	---	---		
2/25/97	NLPH	10.49	9.49	90	<50	1.4	2.4	0.95	7.4	<2.5	---		
3/13/97	---	---	---	---	---	---	---	---	---	---	---		
MW6 (18.79)	04/06/92(II)	NR	8.29	10.50	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---	
07/08/92(H,T)	NR	9.22	9.57	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---		
10/13/92	NR	11.51	7.28	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---		
3/9/93	NLPH	8.26	10.53	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---		
6/4/93	NLPH	8.90	9.89	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---		
9/2/93	NLPH	9.92	8.87	60	<50	<0.5	<0.5	<0.5	<0.5	---	---		
11/16/93	NLPH	10.65	8.14	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---		
2/4/94	NLPH	9.26	9.53	80	<50	<0.5	<0.5	<0.5	<0.5	---	---		
4/29/94	NLPH	8.33	10.46	110	<50	<0.5	<0.5	<0.5	<0.5	---	---		
9/20/94	NLPH	9.23	9.56	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---		
12/14/94	sheen	7.87	10.92	---	---	---	---	---	---	---	---		
3/27/95	NLPH	7.63	11.16	54	56	<0.5	<0.5	<0.5	<0.5	---	---		
5/18/95	NLPH	8.00	10.79	71	56	<0.5	<0.5	<0.5	<0.5	---	---		
8/8/95	NLPH	8.92	9.87	60	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---		
11/7/95	NLPH	9.77	9.02	<50	<50	<0.5	<0.5	<0.5	<0.5	4.7	---		
2/29/96	NLPH	7.67	11.12	64	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---		
5/10/96	NLPH	8.33	10.46	110	<50	<0.5	<0.5	<0.5	<0.5	5.4	---		

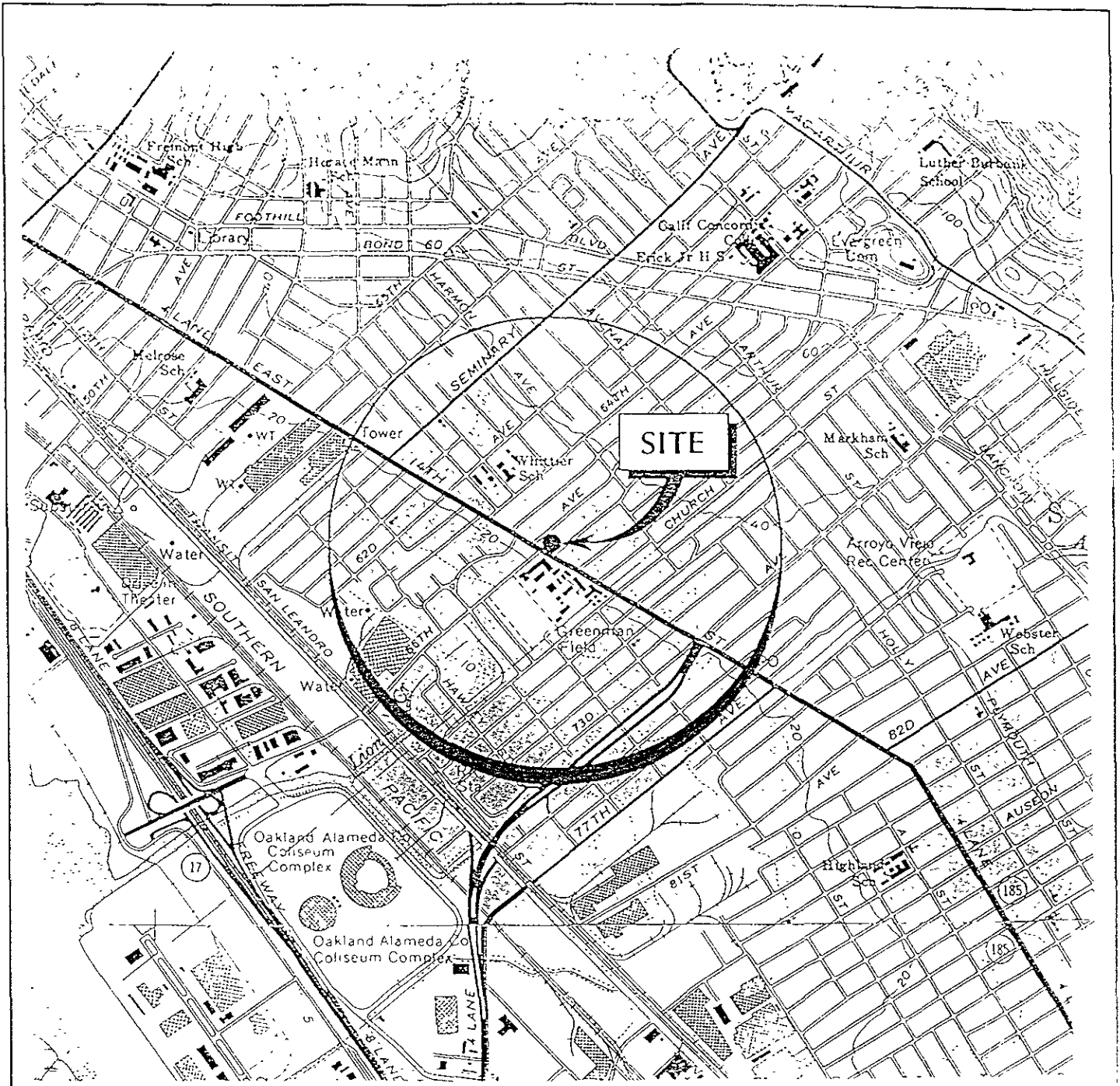


TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA  
 Former Exxon Service Station 7-0236  
 (Formerly East 14th Street)  
 Oakland, California  
 (Page 6 of 6)

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Notes:	=	
NLPH	=	Liquid-phase hydrocarbons not present in well
TOC	=	Elevation of top of well casing; relative to mean sea level (MSL) in feet
SUBJ	=	Results of subjective evaluation
sheen	=	Liquid-phase hydrocarbons present as a sheen
NR	=	Not recorded
DTW	=	Depth to water
Elev.	=	Elevation of groundwater; relative to mean sea level
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA method 5030/8015 (modified)
TEPHd	=	Total extractable petroleum hydrocarbons as diesel analyzed using EPA method 5030/8015 (modified)
BTEX	=	Benzene, toluene, ethylbenzene, total xylene isomers analyzed using EPA method 5030/8020
MTBE	=	Methyl tert-butyl ether analyzed using EPA method 5030/8020
DO	=	Dissolved oxygen
<	=	Less than the laboratory detection limit
	=	Not sampled/Not measured
**	=	Lighter hydrocarbons contribute to diesel range quantitation
***	=	Results obtained past technical holding time (10/08/94) due to dilution requirements
C	=	High boiling point hydrocarbons are present in sample.
D	=	Sample pattern does not match diesel standard pattern.
H	=	EPA Method 8010 compounds not detected at or above their respective laboratory detection limits Exceptions MW-2, 03/15/91, Methylene chloride detected at 1 ppb MW-3, 03/15/91, Methylene chloride detected at 21 ppb
M*	=	A compound suspected to be Methyl tert-butyl ether was present
T	=	Total Oil and Grease (TOG) using EPA Method 5520 not detected at or above the laboratory detection limit of 5,000 ppb
<*	=	Less than stated laboratory detection limits except 490 ppm bicarbonate, 37 ppm calcium, 31 ppm chloride, 390 ppm hardness, 790 ppb iron, 60 ppm magnesium, 4,700 ppb manganese, 1.1 ppm sodium, 61 ppm sulfate, 540 ppm TDS, 730 umhos/cm conductivity, pH = 6.9
<**	=	Less than stated laboratory detection limits except 200 ppm bicarbonate, 23 ppm calcium, 21 ppm chloride, 78 ppb copper, 190 ppm hardness, 49,000 ppb iron, 44 ppm magnesium, 4,200 ppb manganese, 3.9 ppm potassium, 52 ppm sodium, 60 ppm sulfate, 390 ppm TDS
---	=	Not sampled
ppm	=	Parts per million

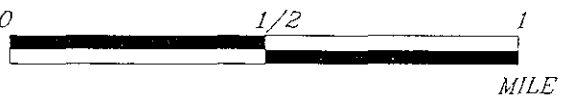




20090001



APPROXIMATE SCALE



Source USGS 75 minute topographic quadrangle map Oakland East and San Leandro, Calif 1980



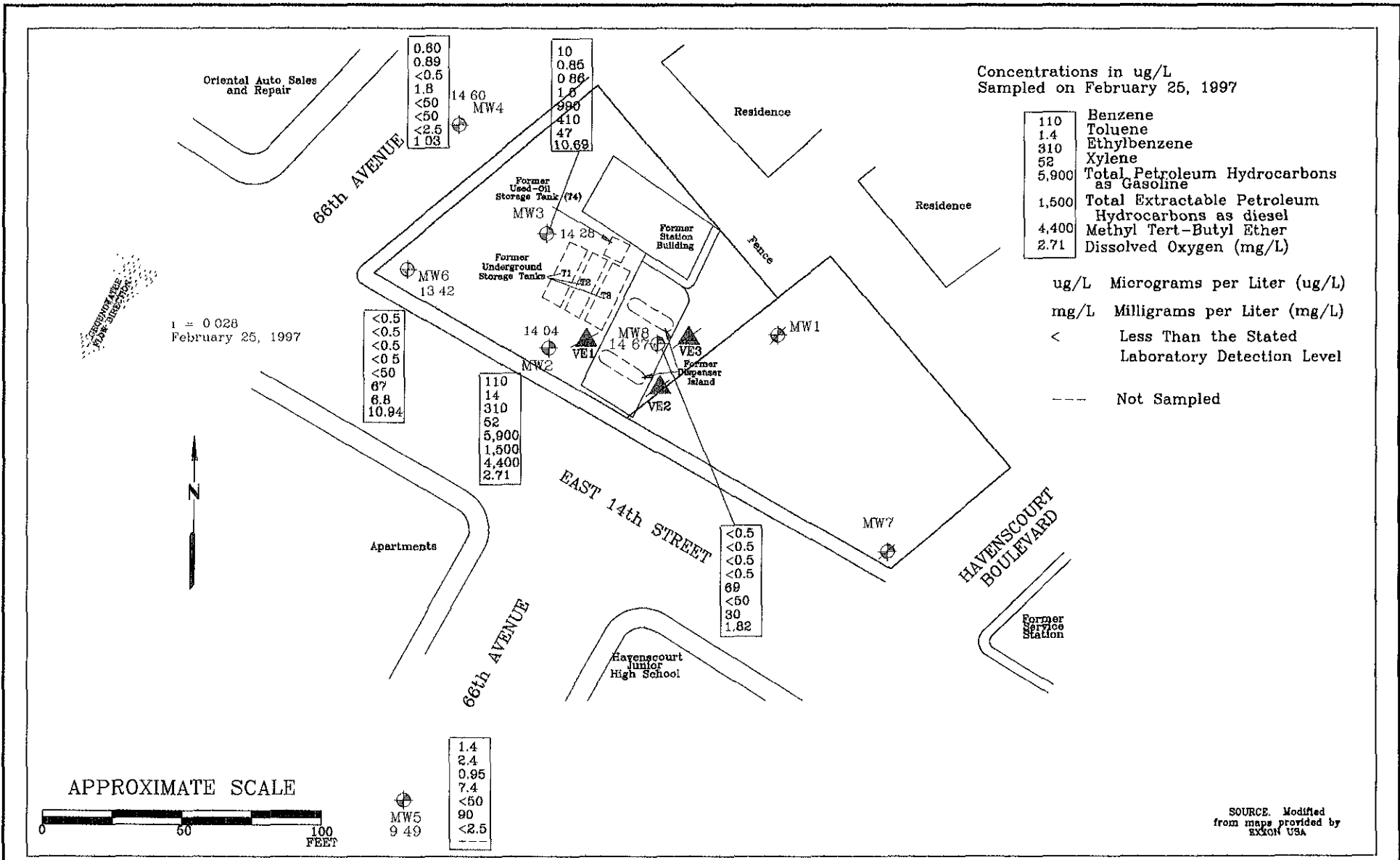
PROJECT ERI 2009

**SITE VICINITY MAP**

FORMER EXXON SERVICE STATION 7-0236  
 6630 East 14th Street  
 Oakland, California

**PLATE**

1



FN 20090002



**GENERALIZED SITE PLAN**  
 FORMER  
 EXXON SERVICE STATION 7-0236  
 6630 East 14th Street  
 Oakland, California

EXPLANATION	
	Groundwater Monitoring Well
14 67	Groundwater elevation in feet above mean sea level
	Groundwater Monitoring Well (Destroyed)
	Vapor Extraction Well (Destroyed)
i =	Interpreted Groundwater Gradient

PROJECT NO.	
2009	
PLATE	
2	
3/31/97	

**ATTACHMENT A**  
**GROUNDWATER SAMPLING PROTOCOL**

## GROUNDWATER SAMPLING PROTOCOL

The static water level and separate phase product level, if present, in each well that contained water and/or separate phase product are measured with a MMC 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 wellhead elevations.

Groundwater samples collected for subjective evaluation are collected by gently lowering approximately half the length of a clean Teflon<sup>®</sup> 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. Any free-phase hydrocarbons are removed from the well.

Before water samples are collected from the groundwater monitoring wells, the wells are purged until stabilization of the temperature, pH, and conductivity is obtained, or until a minimum of three well casing volumes are purged. 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 =  $r^2h(7.48)$  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

Gallons of water purged/gallons in one 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<sup>®</sup> bailer. The groundwater is carefully poured into 40-milliliter (ml) glass vials, which are filled so as to produce a positive meniscus. Each vial is preserved with hydrochloric acid, sealed with a cap containing a Teflon<sup>®</sup> 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 REPORTS  
AND CHAIN OF CUSTODY RECORD**



Environmental Resolutions  
74 Digital Drive, Suite 6  
Novato, CA 94949

Client Proj. ID: Exxon 7-0236, 200913X  
Sample Descript: W-8-MW4  
Matrix: LIQUID  
Analysis Method: EPA 8015 Mod  
Lab Number: 9702D68-01

Sampled: 02/25/97  
Received: 02/26/97  
Extracted: 03/03/97  
Analyzed: 03/04/97  
Reported: 03/11/97

Attention: Marc Briggs

QC Batch Number: GC0303970HBPEXZ  
Instrument ID: GCHP5A

**Total Extractable Petroleum Hydrocarbons (TEPH)**

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50	N.D.
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
n-Pentacosane (C25)	50                      150	96

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett  
Project Manager

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Environmental Resolutions
74 Digital Drive, Suite 6
Novato, CA 94949

Client Proj. ID: Exxon 7-0236, 200913X
Sample Descript: W-8-MW4
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9702D68-01

Sampled: 02/25/97
Received: 02/26/97
Analyzed: 03/05/97
Reported: 03/11/97

Attention: Marc Briggs

QC Batch Number: GC030597BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Table with 3 columns: Analyte, Detection Limit ug/L, Sample Results ug/L. Rows include TPHH as Gas, Methyl t-Butyl Ether, Benzene, Toluene, Ethyl Benzene, Xylenes (Total), Chromatogram Pattern, Surrogates, and Trifluorotoluene.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Kevin Follett
Project Manager





Environmental Resolutions  
74 Digital Drive, Suite 6  
Novato, CA 94949

Client Proj. ID: Exxon 7-0236, 200913X  
Sample Descript: W-8-MW6  
Matrix: LIQUID  
Analysis Method: EPA 8015 Mod  
Lab Number: 9702D68-02

Sampled: 02/25/97  
Received: 02/26/97  
Extracted: 03/03/97  
Analyzed: 03/04/97  
Reported: 03/11/97

Attention: Marc Briggs

QC Batch Number: GC0303970HBPEXZ  
Instrument ID: GCHP5A

### Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	50	67
		C9-C24
Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50                      150	105

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett  
Project Manager







Environmental Resolutions  
74 Digital Drive, Suite 6  
Novato, CA 94949

Client Proj. ID: Exxon 7-0236, 200913X  
Sample Descript: W-8-MW6  
Matrix: LIQUID  
Analysis Method: 8015Mod/8020  
Lab Number: 9702D68-02

Sampled: 02/25/97  
Received: 02/26/97  
Analyzed: 03/05/97  
Reported: 03/11/97

Attention: Marc Briggs

QC Batch Number: GC030597BTEX02A

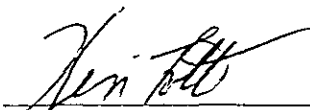
Instrument ID: GCHP02

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
<b>Methyl t-Butyl Ether</b>	<b>2.5</b>	<b>6.8</b>
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70                      130	89

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210



Kevin Follett  
Project Manager





Environmental Resolutions  
74 Digital Drive, Suite 6  
Novato, CA 94949

Client Proj. ID: Exxon 7-0236, 200913X  
Sample Descript: W-10-MW5  
Matrix: LIQUID  
Analysis Method: EPA 8015 Mod  
Lab Number: 9702D68-03

Sampled: 02/25/97  
Received: 02/26/97  
Extracted: 03/03/97  
Analyzed: 03/05/97  
Reported: 03/11/97

Attention: Marc Briggs

QC Batch Number: GC0303970HBPEXZ  
Instrument ID: GCHP5B

### Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	50	90  C9-C24
Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50                      150	55

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett  
Project Manager





Environmental Resolutions
74 Digital Drive, Suite 6
Novato, CA 94949

Client Proj. ID: Exxon 7-0236, 200913X
Sample Descript: W-10-MW5
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9702D68-03

Sampled: 02/25/97
Received: 02/26/97
Analyzed: 03/05/97
Reported: 03/11/97

QC Batch Number: GC030597BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Table with 3 columns: Analyte, Detection Limit ug/L, Sample Results ug/L. Rows include TPHH as Gas, Methyl t-Butyl Ether, Benzene, Toluene, Ethyl Benzene, Xylenes (Total), and Chromatogram Pattern. A second section shows Surrogates (Trifluorotoluene) with Control Limits % and % Recovery.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Kevin Follett
Project Manager





Environmental Resolutions  
74 Digital Drive, Suite 6  
Novato, CA 94949

Client Proj. ID: Exxon 7-0236, 200913X  
Sample Descript: W-8-MW8  
Matrix: LIQUID  
Analysis Method: EPA 8015 Mod  
Lab Number: 9702D68-04

Sampled: 02/25/97  
Received: 02/26/97  
Extracted: 03/03/97  
Analyzed: 03/05/97  
Reported: 03/11/97

Attention: Marc Briggs

QC Batch Number: GC0303970HBPEXZ  
Instrument ID: GCHP5A

### Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50	N.D.
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
n-Pentacosane (C25)	50                      150	106

Analytes reported as N.D. were not present above the stated limit of detection.

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Kevin Follett  
Project Manager





Environmental Resolutions
74 Digital Drive, Suite 6
Novato, CA 94949

Client Proj. ID: Exxon 7-0236, 200913X
Sample Descript: W-8-MW8
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9702D68-04

Sampled: 02/25/97
Received: 02/26/97
Analyzed: 03/05/97
Reported: 03/11/97

Attention: Marc Briggs

QC Batch Number: GC030597BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Table with columns: Analyte, Detection Limit ug/L, Sample Results ug/L. Rows include TPPH as Gas (50, 69), Methyl t-Butyl Ether (2.5, 30), Benzene (0.50, N.D.), Toluene (0.50, N.D.), Ethyl Benzene (0.50, N.D.), Xylenes (Total) (0.50, N.D.), Chromatogram Pattern (Gas), Surrogates (Control Limits % and % Recovery).

Analytes reported as N.D. were not present above the stated limit of detection.

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Kevin Follett
Project Manager





Environmental Resolutions  
74 Digital Drive, Suite 6  
Novato, CA 94949

Client Proj. ID: Exxon 7-0236, 200913X  
Sample Descript: W-10-MW3  
Matrix: LIQUID  
Analysis Method: EPA 8015 Mod  
Lab Number: 9702D68-05

Sampled: 02/25/97  
Received: 02/26/97  
Extracted: 03/03/97  
Analyzed: 03/05/97  
Reported: 03/11/97

QC Batch Number: GC0303970HBPEXZ  
Instrument ID: GCHP4B

### Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	50	410
		C9-C24
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
n-Pentacosane (C25)	50                      150	97

Analytes reported as N.D. were not present above the stated limit of detection.

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Kevin Follett  
Project Manager





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74 Digital Drive, Suite 6
Novato, CA 94949

Attention: Marc Briggs

QC Batch Number: GC030497BTEX03A
Instrument ID: GCHP03

Client Proj. ID: Exxon 7-0236, 200913X
Sample Descript: W-10-MW3
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9702D68-05

Sampled: 02/25/97
Received: 02/26/97
Analyzed: 03/04/97
Reported: 03/11/97

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Table with 3 columns: Analyte, Detection Limit ug/L, Sample Results ug/L. Rows include TPHH as Gas (50, 990), Methyl t-Butyl Ether (2.5, 47), Benzene (0.50, 10), Toluene (0.50, 0.85), Ethyl Benzene (0.50, 0.86), Xylenes (Total) (0.50, 1.5), Chromatogram Pattern (Gas), Surrogates (Control Limits % 70, 130; % Recovery 92).

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Kevin Follett
Project Manager





Environmental Resolutions  
74 Digital Drive, Suite 6  
Novato, CA 94949

Client Proj. ID: Exxon 7-0236, 200913X  
Sample Descript: W-9-MW2  
Matrix: LIQUID  
Analysis Method: EPA 8015 Mod  
Lab Number: 9702D68-06

Sampled: 02/25/97  
Received: 02/26/97  
Extracted: 03/03/97  
Analyzed: 03/05/97  
Reported: 03/11/97

Attention: Marc Briggs

QC Batch Number: GC0303970HBPEXZ  
Instrument ID: GCHP5A

### Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	50	1500  C9-C24
Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50                      150	124

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210



Kevin Follett  
Project Manager







Environmental Resolutions
74 Digital Drive, Suite 6
Novato, CA 94949

Client Proj. ID: Exxon 7-0236, 200913X
Sample Descript: W-9-MW2
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9702D68-06

Sampled: 02/25/97
Received: 02/26/97
Analyzed: 03/05/97
Reported: 03/11/97

Attention: Marc Briggs

QC Batch Number: GC030597BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Table with 3 columns: Analyte, Detection Limit ug/L, Sample Results ug/L. Rows include TPHH as Gas (5900), Methyl t-Butyl Ether (4400), Benzene (110), Toluene (14), Ethyl Benzene (310), Xylenes (Total) (52), Chromatogram Pattern: Gas, Surrogates (Control Limits % 70-130, % Recovery 96).

Analytes reported as N.D. were not present above the stated limit of detection

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Kevin Follett
Project Manager





Environmental Resolutions  
 74 Digital Drive, Ste. 6  
 Novato, CA 94949  
 Attention: Marc Briggs

Client Project ID: Exxon 7-0236, 200913X  
 Matrix: Liquid

Work Order #: 9702D68 01-06

Reported: Mar 13, 1997

**QUALITY CONTROL DATA REPORT**

**Analyte:** Diesel  
**QC Batch#:** GC0303970HBPEXZ  
**Analy. Method:** EPA 8015M  
**Prep. Method:** EPA 3520

**Analyst:** B. Sullivan  
**MS/MSD #:** 9702D6805  
**Sample Conc.:** 410  
**Prepared Date:** 3/3/97  
**Analyzed Date:** 3/5/97  
**Instrument I.D.#:** GCHP4B  
**Conc. Spiked:** 1000 µg/L

**Result:** 1500  
**MS % Recovery:** 109

**Dup. Result:** 1400  
**MSD % Recov.:** 99

**RPD:** 6.9  
**RPD Limit:** 0-50

**LCS #:** BLK030397XS

**Prepared Date:** 3/3/97  
**Analyzed Date:** 3/5/97  
**Instrument I.D.#:** GCHP4B  
**Conc. Spiked:** 1000 µg/L

**LCS Result:** 970  
**LCS % Recov.:** 97

<b>MS/MSD</b>	50-150
<b>LCS</b>	60-140
<b>Control Limits</b>	

**SEQUOIA ANALYTICAL**

*Kevin Follett*  
 Kevin Follett  
 Project Manager

**Please Note:**  
 The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

\*\* MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

9702D68.EEE <1>





Environmental Resolutions  
74 Digital Drive, Ste. 6  
Novato, CA 94949  
Attention: Marc Briggs

Client Project ID: Exxon 7-0236, 200913X  
Matrix: Liquid

Work Order #: 9702D68 01-04, 06

Reported: Mar 13, 1997

**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC030597BTEX02A	GC030597BTEX02A	GC030597BTEX02A	GC030597BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	A. Miraftab	A. Miraftab	A. Miraftab	A. Miraftab
MS/MSD #:	9702E9101	9702E9101	9702E9101	9702E9101
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/5/97	3/5/97	3/5/97	3/5/97
Analyzed Date:	3/5/97	3/5/97	3/5/97	3/5/97
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	7.7	7.7	7.9	25
MS % Recovery:	77	77	79	83
Dup. Result:	9.6	9.6	9.8	31
MSD % Recov.:	96	96	98	103
RPD:	22	22	21	21
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	BLK030597A	BLK030597A	BLK030597A	BLK030597A
Prepared Date:	3/5/97	3/5/97	3/5/97	3/5/97
Analyzed Date:	3/5/97	3/5/97	3/5/97	3/5/97
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	8.0	8.1	8.3	26
LCS % Recov.:	80	81	83	87

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130
Control Limits				

SEQUOIA ANALYTICAL

*Kevin Follett*  
Kevin Follett  
Project Manager

**Please Note:**  
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

\*\* MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

9702D68.EEE <2>





Environmental Resolutions  
74 Digital Drive, Ste. 6  
Novato, CA 94949  
Attention: Marc Briggs

Client Project ID: 9702D68  
Matrix: Liquid  
Work Order #: 9702D68 05

Reported: Mar 13, 1997

**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC030497BTEX03A	GC030497BTEX03A	GC030497BTEX03A	GC030497BTEX03A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	D. Jirsa	D. Jirsa	D. Jirsa	D. Jirsa
MS/MSD #:	9702C5403	9702C5403	9702C5403	9702C5403
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/4/97	3/4/97	3/4/97	3/4/97
Analyzed Date:	3/4/97	3/4/97	3/4/97	3/4/97
Instrument I.D.#:	GCHP3	GCHP3	GCHP3	GCHP3
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	12	12	11	31
MS % Recovery:	120	120	110	103
Dup. Result:	11	11	11	31
MSD % Recov.:	110	110	110	103
RPD:	8.7	8.7	0.0	0.0
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	BLK030497A	BLK030497A	BLK030497A	BLK030497A
Prepared Date:	3/4/97	3/4/97	3/4/97	3/4/97
Analyzed Date:	3/4/97	3/4/97	3/4/97	3/4/97
Instrument I.D.#:	GCHP3	GCHP3	GCHP3	GCHP3
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	12	12	11	32
LCS % Recov.:	120	120	110	107

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130
Control Limits				

SEQUOIA ANALYTICAL

  
Kevin Follett  
Project Manager

Please Note:  
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

\*\* MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

9702D68.EEE <3>





Sequoia Analytical  
680 Chesapeake Dr.  
Redwood City, CA 94063  
(415) 364-9600 • FAX (415) 364-9233

# EXXON COMPANY, U.S.A.

P.O. Box 2180, Houston, TX 77002-7426

## CHAIN OF CUSTODY

Consultant's Name: <u>Environmental Resolutions Inc</u>		Page <u>1</u> of <u>2</u>
Address: <u>74 Digital Dr Suite 6 Novato Ca 94949</u>		Site Location: <u>6630 E 14th Street</u>
Project #: <u>7-0236</u>	Consultant Project #: <u>200913X</u>	Consultant Work Release #: <u>19432502</u>
Project Contact: <u>Marc Briggs</u>	Phone #: <u>415 382 9105</u>	Laboratory Work Release #:
EXXON Contact: <u>Marla Givensler</u>	Phone #: <u>510 246 8776</u>	EXXON RAS #: <u>7-0236</u>
Sampled by (print): <u>Scott Graham</u>	Sampler's Signature: <u>Scott Graham</u>	<u>Oakland, Ca</u>
Shipment Method:	Air Bill #:	

TAT:  24 hr  48 hr  72 hr  96 hr  Standard (10 day)

ANALYSIS REQUIRED 9702068

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/8015/8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	MTBE	Temperature: _____
W-8-MW4	2/25/97	1405	Water	WEL ICE	3	01	X			X	
W-8-MW6	/	1420	/	/	/	02	X			X	
W-10-MW5	/	1435	/	/	/	03	X			X	
W-8-MW8	/	1450	/	/	/	04	X			X	
W-10-MW3	/	1505	/	/	/	05	X			X	
W-9-MW2	/	1520	/	/	/	06	X			X	
W-8-MW4	/	1410	/	ICE	2	01		X			
W-8-MW6	/	1425	/	/	/	02		X			
W-10-MW5	/	1440	/	/	/	03		X			

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
<u>Scott Graham</u>	<u>2/24/97</u>	<u>10:06</u>	<u>Givensler</u>	<u>2/24/97</u>	<u>10:06</u>	
<u>Fisher</u>	<u>2/26/97</u>		<u>Scott Graham / Sequoia</u>	<u>2-26-97</u>	<u>1228</u>	

Pink - Client

Yellow - Sequoia

White - Sequoia



Sequoia Environmental  
 680 Chesapeake Dr.  
 Redwood City, CA 94063  
 (415) 364-9600 • FAX (415) 364-9233

# EXXON COMPANY, U.S.A.

P.O. Box 2180, Houston, TX 77002-7426

## CHAIN OF CUSTODY

Consultant's Name: Environmental Resolutions Inc Page 2 of 2

Address: 74 Digital Dr Suite 6 Novato Ca 94949 Site Location: 6630 E 14th Street

Project #: 7-0236 Consultant Project #: 200913X Consultant Work Release #: 19432502

Project Contact: Marc Briggs Phone #: 415 382 9105 Laboratory Work Release #:

EXXON Contact: Marla Guenster Phone #: 510 246 8776 EXXON RAS #: 7-0236

Sampled by (print): Scott Graham Sampler's Signature: [Signature] Oakland, Ca

Shipment Method: Air Bill #:

TAT:  24 hr  48 hr  72 hr  96 hr  Standard (10 day)

ANALYSIS REQUIRED 9702 D68

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	Temperature: _____	Inbound Seal: Yes No		Outbound Seal: Yes No	
<u>W-8-MW8</u>	<u>2/25/97</u>	<u>1455</u>	<u>Water</u>	<u>ICE</u>	<u>2</u>	<u>04</u>		<u>X</u>						
<u>W-10-MW3</u>	<u>/</u>	<u>1510</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>05</u>		<u>X</u>						
<u>W-9-MW2</u>	<u>/</u>	<u>1525</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>06</u>		<u>X</u>						

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
<u>[Signature]</u>	<u>2/26/97</u>	<u>10:06</u>	<u>[Signature]</u>	<u>2/26/97</u>	<u>10:06</u>	
<u>[Signature]</u>	<u>2/26/97</u>					
			<u>20 Candores / Sequoia</u>	<u>2-26-97</u>	<u>1228</u>	

Pink - Client  
Yellow - Sequoia  
White - Sequoia



Sequoia  
Analytical

680 Chesapeake Drive Redwood City, CA 94063 (415) 364-9600 FAX (415) 364-9233  
404 N Wiget Lane Walnut Creek, CA 94598 (510) 988-9600 FAX (510) 988-9673  
819 Striker Avenue, Suite 8 Sacramento, CA 95834 (916) 921-9600 FAX (916) 921-0100

Environmental Resolutions  
74 Digital Drive, Suite 6  
Novato, CA 94949  
Attention: Marc Briggs

Client Proj. ID: Exxon 7-0236, 200913X

Received: 02/26/97

Lab Proj. ID: 9702D68

Reported: 03/11/97

### LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 18 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL

Kevin Follett  
Project Manager

