ENVIRONMENTAL RESOLUTIONS, INC.

September 30, 1999
ERI 200913.R19

Mr. Darin L. Rouse
Exxon Company, U.S.A.
P.O. Box 4032
Concord, California 94524-4032

Subject: Quarterly Groundwater Monitoring Report, Third Quarter 1999, Former Exxon Service Station 7-0236, 6600 East 14th Street, Oakland, California.

Mr. Rouse:

At the request of Exxon Company, U.S.A. (Exxon), Environmental Resolutions, Inc. (ERI) is reporting the results of the third quarter 1999, groundwater monitoring and sampling event at the subject site. The location of the site is shown on the Site Vicinity Map (Plate 1). The purpose of quarterly monitoring and sampling is to evaluate concentrations of dissolved hydrocarbons in groundwater and the direction and gradient of groundwater flow. Blaine Tech Services, Inc. (Blaine Tech) performed the site field activities at the request of Exxon.

GROUNDWATER MONITORING AND SAMPLING

On July 30 and August 12, 1999, Blaine Tech measured depth to water (DTW) in on-site and off-site wells, and collected groundwater samples from these wells for laboratory analysis. Work was performed in accordance with Blaine Tech's groundwater sampling protocol (Attachment A).

Calculated groundwater gradient and flow direction are presented on Plate 2. Historical and recent monitoring data are summarized in Table 1.

LABORATORY ANALYSES AND RESULTS

Groundwater samples were submitted to Sequoia Analytical Laboratories, Inc. 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), total purgeable petroleum hydrocarbons as gasoline (TPPHg), and total extractable petroleum hydrocarbons as diesel (TEPHd), alkalinity, ferrous iron, nitrate, and sulfate using the methods listed in the notes in Table 1. The laboratory analysis reports and Chain of Custody records are attached (Attachment B). Current and historic results of laboratory analyses of groundwater samples are summarized in Table 1. Analytical results 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 practice in California at the time this investigation was performed. This report has been prepared for Exxon Company, U.S.A., and any reliance on this report by third parties shall be at such party's sole risk.

ERI recommends forwarding copies of this report to:

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

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

Please call Mr. John C. Skance, ERI's project manager for this site, at (415) 382-5996 with any questions regarding this project.

Sincerely,
Environmental Resolutions, Inc.

Mr. John C. Skance
Assistant Project Manager

Mark S. Dockum
R.G. 4412
C.E.G. 1675

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 Reports and Chain of Custody Records

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0236
6600 East 14th Street
Oakland, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW feet	Elev	TEPHd ug/L	TPPHg ug/L	MTBE ug/L	B ug/L	T ug/L	E ug/L	X ug/L	DO mg/L	Ferrous Iron mg/L	Alkalinity mg/L	Nitrate mg/L	Sulfate mg/L
MW1	3/15/91	NR	7.44	12.76	---	<50	---	<0.3	0.5	0 3	1.3	---	---	---	---	---
(20.20)	1/15/92 (H,T)	NR	10.60	9.60	< 300	<50	---	<0.5	0 7	<0.5	0.9	---	---	---	---	---
	3/23/92 (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	---	---	---	---	---	---	---	---	---	---	---	---
	7/8/92 (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	< 2.5	<0 5	<0 5	<0.5	< 0.5	---	---	---	---	---
	11/7/95	NLPH	10.74	9.46	<50	<50	< 2.5	<0.5	<0.5	<0.5	< 0.5	---	---	---	---	---
	2/29/96	NLPH	6.80	13.40	53	<50	< 2.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
	5/10/96	NLPH	8.13	12.07	150	<50	< 2.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
	8/20/96	NLPH	9.58	10.62	<50	<50	< 2.5	<0.5	<0.5	<0 5	< 0.5	---	---	---	---	---
	10/17/96	---	---	---	---	---	---	---	---	---	---	9.50	---	---	---	---
	11/27/96	---	---	---		---	---	---	---	---	---	11.54	---	---	---	---
	12/6/96	NLPH	8.10	12.10	---	---	---	---	---	---	---	10.05	---	---	---	---
	1/19/97	abandoned											---	---	---	---
MW2	3/15/91 (H,T)	NR	9.05	10.10	120	1,700	---	190	2.6	12	64	---	---	---	---	---
(19.15)	1/15/92 (H,T)	NR	11.60	7.55	1,000	6,800	---	81	<10	320	170	---	---	---	---	---
	3/23/92 (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	---	---	---	---	---	---	---	---	---	---	---	---
	9/2/93	sheen	10 46	8.69	3,700	11,000	2,500	210	18	260	59	---	---	---	---	---
	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	---	---	---	---	---

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0236
6600 East 14th Street
Oakland, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW feet	Elev	TEPHd	TPPHg	MTBE	B	T	E	X	DO	Ferrous Iron	Alkalinity	Nitrate	Sulfate
		<		>	<			ug/L			>	<		mg/l		>
MW2 (cont.)	4/29/94	NLPH	9 51	9.64	2,000	380	---	5.9	0.6	1.6	<0.5	---	---	---	---	---
(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	---	---	---	---	---	---	---	---	---	---	---	---
	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	36,000	110	<20	120	<20	---	---	---	---	---
	11/7/95	NLPH	10.49	8.66	1,800	6,400	24,000	120	11	95	38	---	---	---	---	---
						Additional Analyses for general minerals and properties < *										
	2/29/96	NLPH	8.45	10.70	2,500	<5,000	25,000	120	<50	120	<50	---	---	---	---	---
	5/10/96	NLPH	9 02	10.13	2,300	11,000	26,000	210	120	210	140	---	---	---	---	---
	8/20/96	NLPH	10.08	9.07	---	---	---	---	---	---	---	---	---	---	---	---
	10/17/96	---	---	---	---	---	---	---	---	---	---	7.75	---	---	---	---
	11/27/96	---	---	---	---	---	---	---	---	---	---	6.28	---	---	---	---
	12/6/96	NLPH	10.21	8.94	1,700	5,800	< 125	170	<25	38	<25	5.21	---	---	---	---
	1/17/97	NLPH	---	---	---	---	---	---	---	---	---	3.67	---	---	---	---
(22.19)	2/25/97	NLPH	8.15	14 04	1,500	5,900	4,400	110	14	310	52	2 71	---	---	---	---
	3/13/97	---	---	---	---	---	---	---	---	---	---	2.46	---	---	---	---
	4/16/97	---	---	---	---	---	---	---	---	---	---	1.00	---	---	---	---
	5/21/97	NLPH	10.50	11.69	1,600	5,700	1,800	71	11	240	59	0 85	---	---	---	---
	6/5/97	---	---	---	---	---	---	---	---	---	---	2.18	---	---	---	---
	7/11/97	---	---	---	---	---	---	---	---	---	---	1.87	---	---	---	---
	8/6/97	NLPH	10.80	11.39	1,600	4,100	(1,900)	40	5.2	49	17	1.51	---	---	---	---
	9/23/97	---	---	---	---	---	---	---	---	---	---	2.36	---	---	---	---
	10/7/97	NLPH	11 08	11 11	1,200	280	230	1.2	2.4	< 0.5	1 1	1.56	---	---	---	---
	12/24/97	---	---	---	---	---	---	---	---	---	---	1 23	---	---	---	---
	1/16/98	NLPH	7.29	14 90	1,200	3,500	3,000	190	14	110	31	1.18	---	---	---	---
	2/20/98	---	---	---	---	---	---	---	---	---	---	1.30	---	---	---	---
	3/26/98	---	---	---	---	---	---	---	---	---	---	1.20	---	---	---	---
	4/17/98	NLPH	8.61	13.58	970	3,200	2,600	150	6.9	37	5 7	1 38	---	---	---	---
	5/13/98	---	---	---	---	---	---	---	---	---	---	0 45	---	---	---	---
	6/22/98	---	---	---	---	---	---	---	---	---	---	1 09	---	---	---	---
	7/17/98	NLPH	9 38	12.81	1,300	1,700	1,500	63	< 5 0	<5.0	<5 0	0.86	---	---	---	---
	10/16/98	NLPH	10 41	11.78	1,500	2,000	1,400	22	< 2 0	< 2.0	2.4	---	---	---	---	---
	1/15/99	NLPH	10.01	12.18	900	2,300	2,200	< 5.0	6.0	<5 0	6 5	---	---	---	---	---
	4/23/99	NLPH	7.61	14.58	967	2,140	937	42.3	<1.0	22.3	<1 0	---	---	---	---	---
	7/30/99	NLPH	9.82	12.37	1,620	2,480	1,470/1,360*	100	<10.0	<10.0	<10.0	---	---	---	---	---
	8/12/99	NLPH	10.00	12.19	---	---	---	---	---	---	---	---	0.710	750	5.97	7.20
	9/3/99	NLPH	---	---	---	---	---	---	---	---	---	1.02	---	---	---	---

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Former Exxon Service Station 7-0236
6600 East 14th Street
Oakland, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW feet	Elev.	TEPHd	TPPHg	MTBE	B	T	E	X	DO	Ferrous Iron	Alkalinity	Nitrate	Sulfate
								ug/L						mg/l		
MW3	3/15/91 (II,T)	NR	7.84	11.75	160	3,100	---	2.2	1.9	100	84	---	---	---	---	---
(19 59)	1/15/92 (H,T)	NR	10 30	9.29	< 300	250	---	0.7	6.8	1.5	1.5	---	---	---	---	---
	3/23/92 (H,T)	NR	6.84	12.75	440	640	---	<0.5	12	25	6 5	---	---	---	---	---
	4/6/92	NR	7.84	11 75	---	---	---	---	---	---	---	---	---	---	---	---
	7/8/92 (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	---	5.0	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	12	<0.5	2.4	0.63	---	---	---	---	---
	11/7/95	NLPH	9.96	9 63	540	1,500	26	<2.5	2.9	<2.5	<2 5	---	---	---	---	---
	2/29/96	NLPH	8.47	11.12	680	1,000	<25	<5.0	<5.0	<5.0	<5.0	---	---	---	---	---
	5/10/96	NLPH	7.93	11.66	560	480	6.8	<1.0	<1.0	<1 0	<1.0	---	---	---	---	---
	8/20/96	NLPH	10.13	9.46	---	---	---	---	---	---	---	---	---	---	---	---
	10/17/96	---	---	---	---	---	---	---	---	---	---	7 65	---	---	---	---
	11/27/96	---	---	---	---	---	---	---	---	---	---	8.76	---	---	---	---
	12/6/96	NLPH	9.21	10.38	450	970	19	<1.0	<1.0	<1 0	1.8	10.14	---	---	---	---
	1/17/97	---	---	---	---	---	---	---	---	---	---	14.02	---	---	---	---
(22 62)	2/25/97	NLPH	8.34	14.28	410	990	47	10	0.85	0.86	1.5	10.69	---	---	---	---
	3/13/97	---	---	---	---	---	---	---	---	---	---	8.68	---	---	---	---
	4/16/97	---	---	---	---	---	---	---	---	---	---	18.73	---	---	---	---
	5/21/97	NLPH	9.99	12.63	270	<50	<2 5	<0.5	<0 5	<0.5	<0.5	6.76	---	---	---	---
	6/5/97	---	---	---	---	---	---	---	---	---	---	6 70	---	---	---	---
	7/11/97	---	---	---	---	---	---	---	---	---	---	4.10	---	---	---	---
	8/6/97	NLPH	10.29	12.33	310	650	<5.0	4.0	<1 0	<1.0	<1.0	10.59	---	---	---	---
	9/23/97	---	---	---	---	---	---	---	---	---	---	8.62	---	---	---	---
	10/7/97	NLPH	10.86	11.76	500	1,600	12	24	10	<2.0	3 5	11.81	---	---	---	---
	12/24/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1/16/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0236
6600 East 14th Street
Oakland, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW feet	Elev.	TEPHd	TPPHg	MTBE	B	T	E	X	DO	Ferrous Iron	Alkalinity	Nitrate	Sulfate
								ug/L						mg/l		
MW3 (cont.)	2/20/98	---	---	---	---	---	---	---	---	---	---	11 22	---	---	---	---
(22.62)	3/26/98	---	---	---	---	---	---	---	---	---	---	10.55	---	---	---	---
	4/17/98	NLPH	7 56	15.06	220	710	21	<0 5	0.76	<0 5	<0.5	9.40	---	---	---	---
	5/13/98	---	---	---	---	---	---	---	---	---	---	0.22	---	---	---	---
	6/22/98	---	---	---	---	---	---	---	---	---	---	0.96	---	---	---	---
	7/17/98	NLPH	8.23	14.39	180	450	8.9	9.5	<1.0	<1 0	<1.0	0.94	---	---	---	---
	10/16/98	NLPH	9.75	12 87	320	520	5 1	<0.5	11	<0.5	0.93	---	---	---	---	---
	1/15/99	NLPH	8.83	13 79	600	190	12	<0.5	0.91	<0.5	0.7	---	---	---	---	---
	4/23/99	NLPH	7.11	15.51	194	406	2.71	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
	7/30/99	**NLPH**	**8.98**	**13.64**	**72.5**	**193**	**<2.50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	---	---	---	---	---
	8/12/99	**NLPH**	**9.40**	**13.22**	---	---	---	---	---	---	---	---	**0.0440**	**330**	**48.1**	**47.4**
	9/3/99	**NLPH**	---	---	---	---	---	---	---	---	---	**2.56**	---	---	---	---
MW4	4/6/92	NR	7.76	11 70	<50	<50	---	<0.5	<0.5	<0.5	<0 5	---	---	---	---	---
(19.46)	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	---	---	---	---	---
	4/29/94 (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	<2.5	<0.5	<0 5	<0.5	<0.5	---	---	---	---	---
	11/7/95	NLPH	10.30	9.16	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
	2/29/96	NLPH	6.44	13.02	<50	<50	<2.5	<0.5	<0 5	<0.5	<0.5	---	---	---	---	---
	5/10/96	NLPH	8.15	11.31	<50	<50	<2.5	<0.5	0.84	<0.5	2.3	---	---	---	---	---
	8/20/96	NLPH	9.27	10.19	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
	10/17/96	---	---	---	---	---	---	---	---	---	---	1.63	---	---	---	---
	11/27/96	---	---	---	---	---	---	---	---	---	---	1 54	---	---	---	---
	12/6/96	NLPH	7.76	11.70	---	---	---	---	---	---	---	2 33	---	---	---	---
	1/17/97	---	---	---	---	---	---	---	---	---	---	0.91	---	---	---	---
(22.58)	2/25/97	NLPH	7.98	14.60	<50	<50	<2.5	<0.5	0.89	<0.5	1.8	1 03	---	---	---	---
	3/13/97	---	---	---	---	---	---	---	---	---	---	1.06	---	---	---	---
	4/16/97	---	---	---	---	---	---	---	---	---	---	4 03	---	---	---	---
	5/21/97	NLPH	9.03	13 55	---	---	---	---	---	---	---	0 90	---	---	---	---
	6/5/97	---	---	---	---	---	---	---	---	---	---	1.46	---	---	---	---

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0236
6600 East 14th Street
Oakland, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TEPHd	TPPHg	MTBE	B	T	E	X	DO	Ferrous Iron	Alkalinity	Nitrate	Sulfate
		<	feet	>	<			ug/L			>	<		mg/l		>
MW4 (cont.)	7/11/97	---	---	---	---	---	---	---	---	---	---	1.31	---	---	---	---
(22.58)	8/6/97	NLPH	9.74	12 84	<50	<50	<2.5	<0.5	<0 5	<0.5	<0.5	1.46	---	---	---	---
	9/23/97	---	---	---	---	---	---	---	---	---	---	1.50	---	---	---	---
	10/7/97	NLPH	10.06	12.52	---	---	---	---	---	---	---	1.65	---	---	---	---
	12/24/97	---	---	---	---	---	---	---	---	---	---	1 96	---	---	---	---
	1/16/98	NLPH	5 01	17.57	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	1.68	---	---	---	---
	2/20/98	---	---	---	---	---	---	---	---	---	---	3 33	---	---	---	---
	3/26/98	---	---	---	---	---	---	---	---	---	---	1.65	---	---	---	---
	4/17/98	NLPH	7.21	15.37	---	---	---	---	---	---	---	3 10	---	---	---	---
	5/13/98	---	---	---	---	---	---	---	---	---	---	0.40	---	---	---	---
	6/22/98	---	---	---	---	---	---	---	---	---	---	1.20	---	---	---	---
	7/17/98	NLPH	8.46	14.12	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	1 84	---	---	---	---
	10/16/98	NLPH	9 84	12.74	---	---	---	---	---	---	---	---	---	---	---	---
	1/15/99	NLPH	11.33	11.25	<50	<50	<2.5	<0 5	<0.5	<0.5	<0.5	---	---	---	---	---
	4/23/99	NLPH	7.63	14.95	---	---	---	---	---	---	---	---	---	---	---	---
	7/30/99	**NLPH**	**9.17**	**13.41**	**<50**	**<50**	**<2.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**---**	**---**	**---**	**---**	**---**
	9/3/99	**NLPH**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**2.94**	**---**	**---**	**---**	**---**
MW5	4/6/92	NR	10.66	6 29	<50	<50	---	<0 5	<0.5	<0.5	<0 5	---	---	---	---	---
(16 95)	7/8/92 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	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	---	---	---	---	---
	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	<2.5	<0 5	<0 5	<0.5	<0.5	---	---	---	---	---
	11/7/95	NLPH	12.12	4 83	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
			Additional Analyses for general minerals and properties < **									---	---	---	---	---
	2/29/96	NLPH	9.24	7.71	60	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
	5/10/96	NLPH	10.71	6.24	<50	<50	<2.5	<0 5	<0.5	<0.5	1.6	---	---	---	---	---
	8/20/96	NLPH	11.45	5.50	---	---	---	---	---	---	---	---	---	---	---	---
	10/17/96	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/27/96	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0236
6600 East 14th Street
Oakland, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TEPHd	TPPHg	MTBE	B	T	E	X	DO	Ferrous Iron	Alkalinity	Nitrate	Sulfate
		<	feet	>	<			ug/L				>	<		mg/l	>
MW5 (cont.)	12/6/96	NLPH	10.70	6.25	90	62	<2.5	1.2	6.5	1.7	11	---	---	---	---	---
(16 95)	1/17/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	2/25/97	NLPH	10.49	6.46	90	<50	<2 5	1.4	2.4	0.95	7.4	---	---	---	---	---
(19 98)	3/13/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	4/16/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	5/21/97	NLPH	11.31	8.67	<50	<50	<2.5	<0.5	<0 5	<0.5	<0 5	---	---	---	---	---
	6/5/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	7/11/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	8/6/97	NLPH	11.78	8 20	<50	<50	<2.5	<0.5	<0 5	<0.5	<0.5	---	---	---	---	---
	9/23/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/7/97	NLPH	12.26	7 72	<50	<50	<2.5	<0 5	<0 5	<0.5	<0.5	---	---	---	---	---
	12/24/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1/16/98	NLPH	8.87	11.11	<50	<50	<2.5	<0.5	<0.5	<0.5	0.64	---	---	---	---	---
	2/20/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	3/26/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	4/17/98	NLPH	9.97	10 01	<50	<50	<2.5	0 9	2.2	0.81	3.6	---	---	---	---	---
	5/13/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	6/22/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	7/17/98	NLPH	11.00	8.98	<50	<50	<2.5	<0 5	<0.5	<0.5	<0.5	---	---	---	---	---
	10/16/98	NLPH	11.92	8.06	51	<50	<2.5	<0.5	<0 5	<0.5	<0.5	---	---	---	---	---
	1/15/99	NLPH	9 01	10.97	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
	4/23/99	NLPH	6.31	13 67	<50	<50	<2.0	<0.5	<0 5	<0.5	<0.5	---	---	---	---	---
	7/30/99	**NLPH**	**11.16**	**8.82**	**<50**	**<50**	**<2.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**---**	**---**	**---**	**---**	**---**
	8/12/99	**NLPH**	**11.48**	**8.50**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**0.110**	**510**	**<1.0**	**17.7**
	9/3/99	**NLPH**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**2.11**	**---**	**---**	**---**	**---**
MW6	4/6/92 (H)	NR	8.29	10.50	<50	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
(18.79)	7/8/92 (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	<2.5	<0 5	<0.5	<0.5	<0.5	---	---	---	---	---

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0236
6600 East 14th Street
Oakland, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW feet	Elev	TEPHd	TPPHg	MTBE	B	T	E	X	DO	Ferrous Iron	Alkalinity	Nitrate	Sulfate
							ug/L							mg/L		
MW6 (cont.)	11/7/95	NLPH	9.77	9.02	<50	<50	4 7	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
(18 79)	2/29/96	NLPH	7.67	11 12	64	<50	<2 5	<0.5	<0 5	<0.5	<0 5	---	---	---	---	---
	5/10/96	NLPH	8.33	10 46	110	<50	5.4	<0.5	<0 5	<0.5	<0.5	---	---	---	---	---
	8/20/96	NLPH	9.16	9 63	---	---	---	---	---	---	---	---	---	---	---	---
	10/17/96	---	---	---	---	---	---	---	---	---	---	10 58	---	---	---	---
	11/27/96	---	---	---	---	---	---	---	---	---	---	14 17	---	---	---	---
	12/6/96	NLPH	8.55	10 24	68	<50	3.9	<0.5	<0 5	<0.5	<0 5	10 33	---	---	---	---
	1/17/97	---	---	---	---	---	---	---	---	---	---	11.71	---	---	---	---
(21.84)	2/25/97	NLPH	8.42	13.42	67	<50	6 8	<0 5	<0.5	<0.5	<0.5	10 94	---	---	---	---
	3/13/97	---	---	---	---	---	---	---	---	---	---	8.88	---	---	---	---
	4/16/97	---	---	---	---	---	---	---	---	---	---	15.20	---	---	---	---
	5/21/97	NLPH	9.16	12.68	82	<50	3.4	<0.5	<0 5	<0.5	<0.5	12 38	---	---	---	---
	6/5/97	---	---	---	---	---	---	---	---	---	---	10.99	---	---	---	---
	7/11/97	---	---	---	---	---	---	---	---	---	---	10.13	---	---	---	---
	8/6/97	NLPH	9.82	12.02	<50	<50	<2.5	<0.5	<0 5	<0.5	<0 5	9 05	---	---	---	---
	9/23/97	---	---	---	---	---	---	---	---	---	---	6.22	---	---	---	---
	10/7/97	NLPH	9.85	11.99	89	<50	4 1	<0.5	<0.5	<0.5	<0 5	9.68	---	---	---	---
	12/24/97	---	---	---	---	---	---	---	---	---	---	2.78	---	---	---	---
	1/16/98	NLPH	5 50	16.34	93	<50	<2 5	<0.5	<0.5	<0.5	<0.5	2 73	---	---	---	---
	2/20/98	---	---	---	---	---	---	---	---	---	---	3.55	---	---	---	---
	3/26/98	---	---	---	---	---	---	---	---	---	---	3.90	---	---	---	---
	4/17/98	NLPH	8.12	13.72	59	<50	<2.5	<0 5	<0.5	<0 5	<0.5	5 08	---	---	---	---
	5/13/98	---	---	---	---	---	---	---	---	---	---	6 90	---	---	---	---
	6/22/98	---	---	---	---	---	---	---	---	---	---	8 96	---	---	---	---
	7/17/98	NLPH	8.81	13 03	63	<50	3.3	<0.5	<0.5	<0.5	<0.5	10.69	---	---	---	---
	10/16/98	NLPH	9.84	12.00	60	<50	<2 5	<0.5	<0 5	<0.5	<0.5	---	---	---	---	---
	1/15/99	NLPH	9.55	12.29	<50	<50	3.7	<0.5	<0 5	<0.5	<0.5	---	---	---	---	---
	4/23/99	NLPH	8.72	13.12	106	<50	14.4	<0.5	<0.5	<0 5	<0.5	---	---	---	---	---
	7/30/99	**NLPH**	**9.32**	**12.52**	**<50**	**<50**	**<2.50/2.50***	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**---**	**---**	**---**	**---**	**---**
	9/3/99	**NLPH**	---	---	---	---	---	---	---	---	---	**6.20**	---	---	---	---
MW7	4/6/92	NR	8 34	10.89	<50	<50	---	<0 5	<0.5	<0 5	<0.5	---	---	---	---	---
(19.23)	7/8/92 *	NR	10 30	8.93	<50	<50	---	<0.5	<0 5	<0.5	<0.5	---	---	---	---	---
	10/13/92	NR	12 91	6.32	94	670	---	0 8	<0.5	<0.5	2.5	---	---	---	---	---
	3/9/93	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	6/4/93	NLPH	8.68	10.55	<50	<50	---	<0 5	<0.5	<0.5	<0.5	---	---	---	---	---
	9/2/93	NLPH	10 80	8.43	<50	<50	---	<0.5	<0 5	<0.5	<0.5	---	---	---	---	---
	11/16/93	NLPH	12.38	6.85	<50	<50	---	<0.5	<0.5	<0.5	<0 5	---	---	---	---	---
	2/4/94	NLPH	9.28	9 95	<50	<50	---	<0 5	<0.5	<0.5	<0 5	---	---	---	---	---

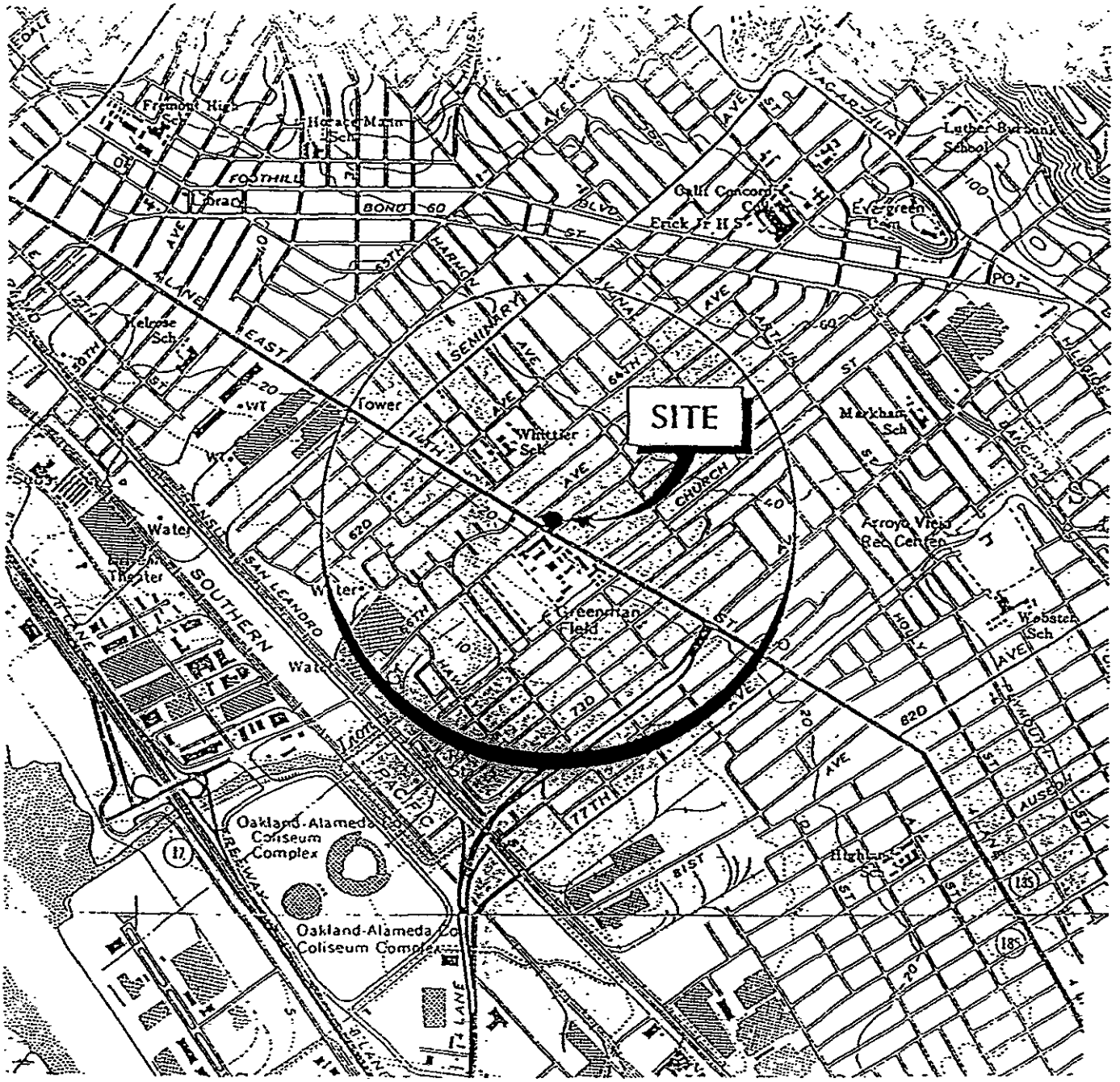
TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0236
6600 East 14th Street
Oakland, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW feet	Elev.	TEPHd	TPPHg	MTBE	B	T	E	X	DO	Ferrous Iron	Alkalinity	Nitrate	Sulfate
								ug/L						mg/L		
MW7 (cont.)	4/29/94	NLPH	9.19	10 04	<50	<50	---	<0.5	<0 5	<0.5	<0 5	---	---	---	---	---
(19 23)	9/20/94	NLPH	10 85	8 38	<50	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
	12/14/94	NLPH	8.44	10 79	<50	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
	3/27/95	NLPH	7.54	11.69	280	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
	5/18/95	NLPH	8.11	11 12	<50	<50	---	<0.5	<0.5	<0 5	<0.5	---	---	---	---	---
	8/8/95	NLPH	9.48	9.75	52	<50	<2.5	<0 5	<0.5	<0.5	<0.5	---	---	---	---	---
	11/7/95	NLPH	10.83	8.40	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
	2/29/96	NLPH	7.70	11.53	<50	<50	<2.5	<0.5	<0 5	<0.5	<0 5	---	---	---	---	---
	5/10/96	NLPH	8.76	10 47	<50	<50	<2.5	<0.5	<0.5	<0 5	2.1	---	---	---	---	---
	8/20/96	NLPH	9 91	9.32	<50	<50	<2.5	<0 5	<0.5	<0.5	<0.5	---	---	---	---	---
	10/17/96	---	---	---	---	---	---	---	---	---	---	1 48	---	---	---	---
	11/27/96	---	---	---	---	---	---	---	---	---	---	2.71	---	---	---	---
	12/6/96	NLPH	8.90	10.33	---	---	---	---	---	---	---	8 90	---	---	---	---
	1/19/97	abandoned														
MW8	1/17/97	---	---	---	---	---	---	---	---	---	---	1.39	---	---	---	---
(22 60)	2/25/97	NLPH	7.93	14.67	<50	69	30	<0 5	<0.5	<0.5	<0.5	1.82	---	---	---	---
	3/13/97	---	---	---	---	---	---	---	---	---	---	1.58	---	---	---	---
	4/16/97	---	---	---	---	---	---	---	---	---	---	0 81	---	---	---	---
	5/21/97	NLPH	9.04	13 56	<50	<50	3.5	<0.5	<0.5	<0.5	<0 5	0 74	---	---	---	---
	6/5/97	---	---	---	---	---	---	---	---	---	---	0.55	---	---	---	---
	7/11/97	---	---	---	---	---	---	---	---	---	---	0.85	---	---	---	---
	8/6/97	NLPH	9.90	12 70	<50	<50	<2.5	<0 5	<0.5	<0.5	<0.5	0.77	---	---	---	---
	9/23/97	---	---	---	---	---	---	---	---	---	---	0 75	---	---	---	---
	10/7/97	NLPH	10 23	12 37	<50	100	4 9	1 1	<0 5	<0.5	<0.5	0.82	---	---	---	---
	12/24/97	---	---	---	---	---	---	---	---	---	---	0.86	---	---	---	---
	1/16/98	NLPH	4.39	18 21	81	180	9.6	2.8	<0 5	<0.5	0.92	0.94	---	---	---	---
	2/20/98	---	---	---	---	---	---	---	---	---	---	0.61	---	---	---	---
	3/26/98	---	---	---	---	---	---	---	---	---	---	0.53	---	---	---	---
	4/17/98	NLPH	---	---	74	370	27	<0 5	0.94	<0.5	0.79	2.65	---	---	---	---
	5/13/98	---	---	---	---	---	---	---	---	---	---	0 25	---	---	---	---
	6/22/98	---	---	---	---	---	---	---	---	---	---	1.38	---	---	---	---
	7/17/98	NLPH	8 02	14.58	<50	<50	3.3	<0.5	<0.5	<0.5	<0.5	2.09	---	---	---	---
	10/16/98	NLPH	9.78	12 82	<50	<50	<2.5	<0.5	<0.5	<0.5	<0 5	---	---	---	---	---
	1/15/99	NLPH	8.40	14.20	<50	<50	<2.5	<0 5	0 97	<0.5	<0.5	---	---	---	---	---
	4/23/99	NLPH	7.35	15 25	70.1	111	3.45	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
	7/30/99	NLPH	8.86	13.74	<50	89.4	<2.5	<0.5	2.7	<0.5	<0.5	---	---	---	---	---
	9/3/99	NLPH	---	---	---	---	---	---	---	---	---	2.45	---	---	---	---

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0236
6600 East 14th Street
Oakland, California

Notes:

SUBJ	=	Results of subjective evaluation, liquid-phase hydrocarbon thickness (HT) in feet.
NLPH	=	No liquid-phase hydrocarbons present in well.
TOC	=	Elevation of top of well casing; relative to mean sea level.
DTW	=	Depth to water.
Elev.	=	Elevation of groundwater If liquid-phase hydrocarbons present, elevation adjusted using TOC - [DTW - (PT x 0.8)].
TEPHd	=	Total extractable petroleum hydrocarbons as diesel analyzed using EPA method 8015 (modified)
TPPHg	=	Total purgeable petroleum hydrocarbons as gasoline analyzed using EPA method 5030/8015 (modified).
MTBE	=	Methyl tertiary butyl ether analyzed using EPA method 5030/8020
*	=	Methyl tertiary butyl ether analyzed using EPA method 8260.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA method 5030/8020.
Nitrate	=	Nitrate as NO_3 analyzed using EPA Method 300.
Sulfate	=	Sulfate as SO_4 analyzed using EPA Method 300.
Ferrous Iron	=	Ferrous Iron analyzed using EPA Method 6000/7000.
Alkalinity	=	Total alkalinity analyzed using APHA/EPA methods.
---	=	Not measured/not analyzed.
<	=	Less than the indicated detection limit shown by the laboratory.
DO	=	Dissolved Oxygen
**	=	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: MW2, 03/15/91, Methylene Chloride detected at 1 ppb. MW3, 03/15/91, Methylene Chloride detected at 21 ppb.
M*	=	A compound suspected to be methyl tertiary butyl ether was present.
T	=	Total Oil and Grease (TOG) using Standard 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 the 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.
ug/L	=	micrograms per liter.
ppm	=	parts per million
mg/L	=	Milligrams per liter



20090001

N

APPROXIMATE SCALE

0 1/2 1

MILE

Source: U.S.G.S. 7.5 minute topographic quadrangle map Oakland East and San Leandro, Calif. 1980

ERI ENVIRONMENTAL RESOLUTIONS, INC.

PROJECT ERI 2009

SITE VICINITY MAP

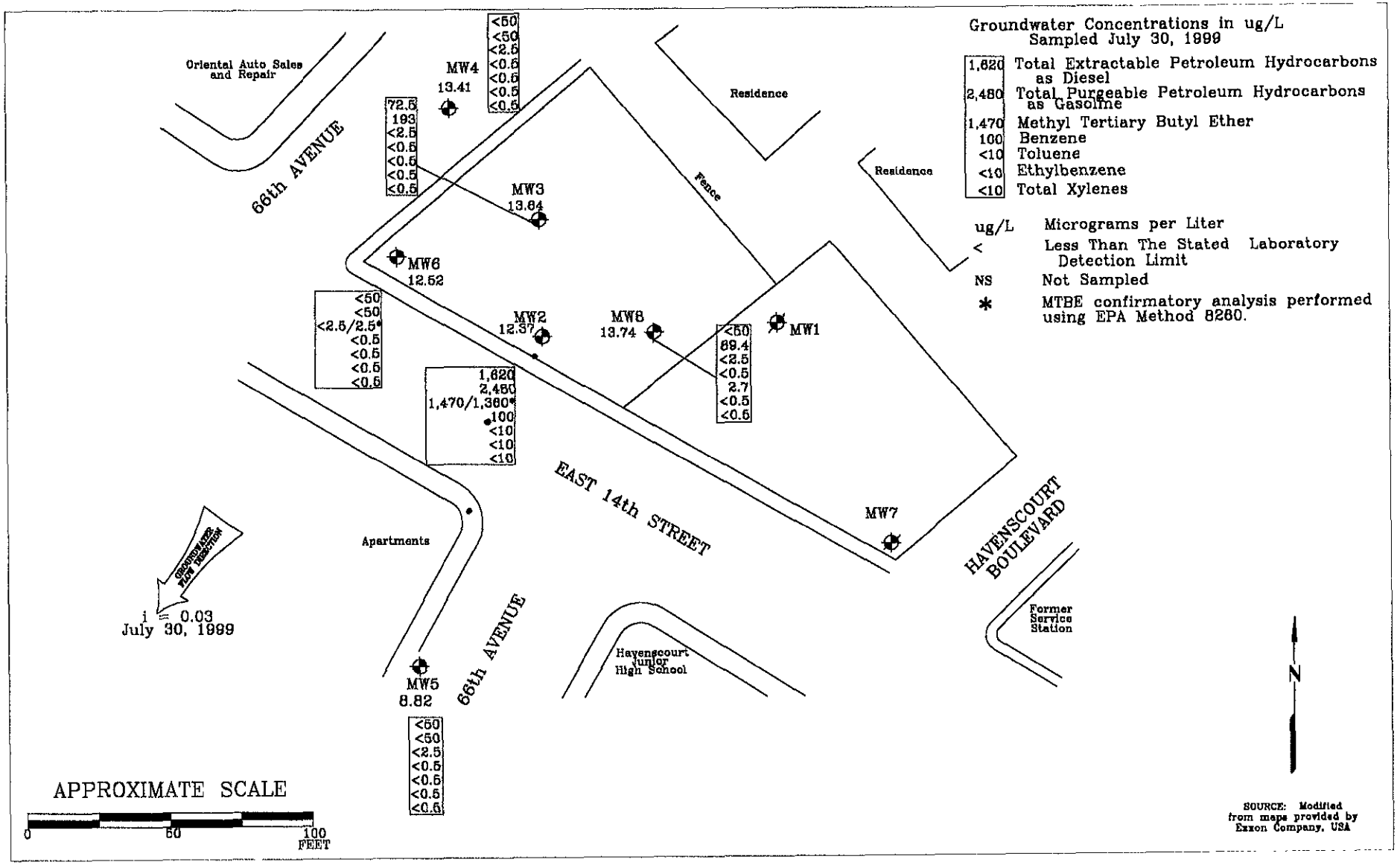
FORMER EXXON SERVICE STATION 7-0236

6600 East 14th Street

Oakland, California

PLATE

1



FN 2009003A

ERI ENVIRONMENTAL RESOLUTIONS, INC.

GENERALIZED SITE PLAN

FORMER
EXXON SERVICE STATION 7-0236
6600 East 14th Street
Oakland, California

MW8 EXPLANATION
- Groundwater Monitoring Well
- 13.74 Groundwater elevation in feet above mean sea level
- MW7 Groundwater Monitoring Well (Destroyed)
- i = Interpreted Groundwater Gradient

PROJECT NO. 2009

PLATE 2

August 30, 1999

ATTACHMENT A

GROUNDWATER SAMPLING PROTOCOL

BLAINE TECH SERVICES, INC.
METHODS AND PROCEDURES
FOR THE ROUTINE MONITORING OF
GROUNDWATER WELLS AT EXXON STATIONS

Blaine Tech Services, Inc. performs environmental sampling and documentation as an independent third party. We specialize in groundwater monitoring assignments and intentionally limit the scope of our services to those centered on the generation of objective information.

To avoid conflicts of interest, Blaine Tech Services, Inc. personnel do not evaluate or interpret the information we collect. As a state licensed contractor (C-57 well drilling –water – 746684) performing strictly technical services, we do not make any professional recommendations and perform no consulting of any kind.

SAMPLING PROCEDURES OVERVIEW

SAFETY

All groundwater monitoring assignments performed for Exxon comply with Exxon's safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40 hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any Exxon site.

INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic sounders which are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of Immiscibles or sheen and when free product is suspected, it is confirmed using an electronic interface probe (e.g. MMC). If sheen or product is found in a well, the Project Coordinator notifies the appropriate party (e.g. Exxon employee or consultant).

No samples are collected from a well containing sheen or product.

EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and

are set at no less than four case volumes in some jurisdictions.

Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well. Small volumes of purgewater are often removed by hand bailing with a disposable bailer.

PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewaters and does not recharge.

Wells known to dewater are evacuated as early as possible during each site visit in order to allow for the greatest amount of recovering. Any well that does not recharge to 80% of its original volume will be sampled prior to the departure of our personnel from the site in order to eliminate the need of a return visit.

In jurisdictions where a certain percentage of recovery is included in the local completion standard, our personnel follow the regulatory expectation.

PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non hazardous purgewater is transported under standard Bill of Lading documentation to a Blaine Tech Services, Inc. facility before being transported to an Exxon approved disposal facility (e.g. Romic Environmental Technologies Corporation in East Palo Alto, California).

SAMPLE COLLECTION DEVICES

All samples are collected using a disposable bailer.

SAMPLE CONTAINERS

Sample material is decanted directly from the sampling bailer into sample containers provided by the laboratory which will analyze the samples. The transfer of sample material from the bailer to the sample container conforms to specifications contained in the USEPA T.E.G.D. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

TRIP BLANKS

A Trip Blank is carried to each site and is kept inside the cooler for the duration of the sampling event. It is turned over to the laboratory for analysis with the samples from that site.

SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the analytical laboratory that will perform the intended analytical procedures. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

DOCUMENTATION CONVENTIONS

Each and every sample container has a label affixed to it. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the station number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time at which the sample was collected and the initials of the person collecting the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

DECONTAMINATION

All equipment is brought to the site in clean and serviceable condition and is cleaned after use in each well and before subsequent use in any other well. Equipment is decontaminated before

leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer which is then operated with high quality deionized water which is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation (U.S. Patent 5,535,775) that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, sounder etc.) that cannot be washed using the hot high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

EXAMPLE: The sounder is cleaned between wells using the non-phosphate soap and deionized water solution followed by deionized water rinses. The sounder is then washed with the steam cleaner between sites or as necessitated by use in a particularly contaminated well.

DISSOLVED OXYGEN READINGS

All Dissolved Oxygen readings are taken using YSI meters (e.g. YSI Model 58 or equivalent YSI meter). These meters are equipped with a YSI stirring device that enables them to collect accurate in-situ readings. The probe/stirring devices are modified to allow downhole measurements to be taken from wells as small as two-inch diameter.

The probe and reel is decontaminated between wells as described above. The meter is calibrated between wells as per the instructions in the operating manual. The probe and stirrer is lowered into the water column allowed to stabilize before use.

OXYIDATON REDUCTION POTENTIAL READINGS

All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual. In use the probe is placed in a cup of freshly obtained monitoring well water and allowed to stabilize.

ATTACHMENT B

LABORATORY ANALYSIS REPORTS AND CHAIN OF CUSTODY RECORDS

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

August 16, 1999

Scott Graham
Environmental Resolutions (Exxon)
73 Digital Drive, Suite 100
Novato, CA 94949

RE: Exxon 7-0236/9080009

Dear Scott Graham

Enclosed are the results of analyses for sample(s) received by the laboratory on August 2, 1999. If you have any questions concerning this report, please feel free to contact me.

Please note Nitrate and Ferrous Iron analysis were cancelled by Blaine Tech. Services, due to samples relinquished to laboratory outside method recommended holding times.

Sincerely,

Ron Chew
Project Manager

CA ELAP Certificate Number 1210

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

nvironmental Resolutions (Exxon)	Project:	Exxon	Sampled: 7/30/99
73 Digital Drive, Suite 100	Project Number:	7-0236	Received: 8/2/99
Novato, CA 94949	Project Manager:	Scott Graham	Reported: 8/16/99

ANALYTICAL REPORT FOR 9080009

ample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-2	9080009-01	Water	7/30/99
W-3	9080009-02	Water	7/30/99
MW-4	9080009-03	Water	7/30/99
MW-5	9080009-04	Water	7/30/99
W-6	9080009-05	Water	7/30/99
MW-8	9080009-06	Water	7/30/99
B	9080009-07	Water	7/30/99

Sequoia Analytical

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nvironmental Resolutions (Exxon)	Project: Exxon	Sampled:	7/30/99
73 Digital Drive, Suite 100	Project Number: 7-0236	Received:	8/2/99
Novato, CA 94949	Project Manager: Scott Graham	Reported:	8/16/99

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-2			**9080009-01**				**Water**	
urgeable Hydrocarbons	9080300	8/10/99	8/10/99		1000	**2480**	ug/l	1
Benzene	"	"	"		10.0	**100**	"	
Toluene	"	"	"		10.0	ND	"	
thylbenzene	"	"	"		10.0	ND	"	
ylenes (total)	"	"	"		10.0	ND	"	
Methyl tert-butyl ether	"	"	"		50.0	**1470**	"	
urrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*90.0*	%	
MW-3			**9080009-02**				**Water**	
Purgeable Hydrocarbons	9080300	8/10/99	8/10/99		50.0	**193**	ug/l	1
enzene	"	"	"		0.500	ND	"	
oluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
ylenes (total)	"	"	"		0.500	ND	"	
ethyl tert-butyl ether	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*86.0*	%	
MW-4			**9080009-03**				**Water**	
urgeable Hydrocarbons	9080300	8/10/99	8/10/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
thylbenzene	"	"	"		0.500	ND	"	
ylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	ND	"	
urrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*82.0*	%	
MW-5			**9080009-04**				**Water**	
Purgeable Hydrocarbons	9080434	8/12/99	8/12/99		50.0	ND	ug/l	
enzene	"	"	"		0.500	ND	"	
oluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
ylenes (total)	"	"	"		0.500	ND	"	
ethyl tert-butyl ether	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*97.0*	%	
W-6			**9080009-05**				**Water**	
urgeable Hydrocarbons	9080432	8/12/99	8/12/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
oluene	"	"	"		0.500	ND	"	
thylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	

Sequoia Analytical

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nvironmental Resolutions (Exxon)	Project:	Exxon	Sampled: 7/30/99
73 Digital Drive, Suite 100	Project Number:	7-0236	Received: 8/2/99
Novato, CA 94949	Project Manager:	Scott Graham	Reported: 8/16/99

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
W-6 (continued)			9080009-05				Water	
ethyl tert-butyl ether	9080432	8/12/99	8/12/99		2.50	ND	ug/l	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*105*	%	
W-8			9080009-06				Water	
urgeable Hydrocarbons	9080301	8/10/99	8/10/99		50.0	**89.4**	ug/l	2
Benzene	"	"	"		0.500	ND	"	
oluene	"	"	"		0.500	**2.70**	"	
hylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	ND	"	
rrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*176*	%	*3*
TB			9080009-07				Water	
urgeable Hydrocarbons	9080299	8/10/99	8/10/99		50.0	ND	ug/l	
enzene	"	"	"		0.500	ND	"	
oluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
ylenes (total)	"	"	"		0.500	ND	"	
ethyl tert-butyl ether	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*88.0*	%	

Sequoia Analytical

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nvironmental Resolutions (Exxon)	Project: Exxon	Sampled:	7/30/99
73 Digital Drive, Suite 100	Project Number: 7-0236	Received:	8/2/99
Novato, CA 94949	Project Manager: Scott Graham	Reported:	8/16/99

Diesel Hydrocarbons (C9-C24) by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-2			**9080009-01**				**Water**	
Diesel Range Hydrocarbons	9080047	8/3/99	8/4/99		50.0	**1620**	ug/l	4
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*145*	%	
MW-3			**9080009-02**				**Water**	
Diesel Range Hydrocarbons	9080047	8/3/99	8/4/99		50.0	**72.5**	ug/l	4
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*100*	%	
MW-4			**9080009-03**				**Water**	
Diesel Range Hydrocarbons	9080047	8/3/99	8/4/99		50.0	ND	ug/l	
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*93.3*	%	
MW-5			**9080009-04**				**Water**	
Diesel Range Hydrocarbons	9080047	8/3/99	8/4/99		50.0	ND	ug/l	
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*100*	%	
MW-6			**9080009-05**				**Water**	
Diesel Range Hydrocarbons	9080047	8/3/99	8/4/99		50.0	ND	ug/l	
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*101*	%	
MW-8			**9080009-06**				**Water**	
Diesel Range Hydrocarbons	9080047	8/3/99	8/4/99		50.0	ND	ug/l	
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*99.5*	%	

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nvironmental Resolutions (Exxon)	Project:	Exxon	Sampled: 7/30/99
73 Digital Drive, Suite 100	Project Number:	7-0236	Received: 8/2/99
Novato, CA 94949	Project Manager:	Scott Graham	Reported: 8/16/99

Conventional Chemistry Parameters by APHA/EPA Methods
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
IW-2			**9080009-01**				**Water**	
otal Alkalinity	9080068	8/3/99	8/3/99	EPA 310.1	5.00	**750**	mg/l	
MW-3			**9080009-02**				**Water**	
otal Alkalinity	9080068	8/3/99	8/3/99	EPA 310.1	5.00	**330**	mg/l	
MW-5			**9080009-04**				**Water**	
otal Alkalinity	9080068	8/3/99	8/3/99	EPA 310.1	5.00	**510**	mg/l	

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[illegible]vironmental Resolutions (Exxon)	Project:	Exxon	Sampled: 7/30/99
[illegible]73 Digital Drive, Suite 100	Project Number:	7-0236	Received: 8/2/99
Novato, CA 94949	Project Manager:	Scott Graham	Reported: 8/16/99

Anions by EPA Method 300.0
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
[illegible]W-2			9080009-01				Water	
[illegible]lfate as SO4	9080104	8/4/99	8/4/99	EPA 300.0	1.00	7.20	mg/l	
MW-3			9080009-02				Water	
[illegible]lfate as SO4	9080104	8/4/99	8/4/99	EPA 300.0	1.00	47.4	mg/l	
MW-5			9080009-04				Water	
[illegible]lfate as SO4	9080104	8/4/99	8/4/99	EPA 300.0	1.00	17.7	mg/l	

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Environmental Resolutions (Exxon)	Project:	Exxon	Sampled: 7/30/99
173 Digital Drive, Suite 100	Project Number:	7-0236	Received: 8/2/99
Novato, CA 94949	Project Manager:	Scott Graham	Reported: 8/16/99

Total Purgeable Hydrocarbons (C6-C12), BTEX and MtBE by DHS LUFT Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9080299	**Date Prepared: 8/10/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9080299-BLK1**									
Purgeable Hydrocarbons	8/10/99			ND	ug/l	**50.0**				
Benzene	"			ND	"	**0.500**				
Toluene	"			ND	"	**0.500**				
Ethylbenzene	"			ND	"	**0.500**				
Xylenes (total)	"			ND	"	**0.500**				
Methyl tert-butyl ether	"			ND	"	**2.50**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.40*	"	*70.0-130*	*94.0*			
LCS	**9080299-BS1**									
Purgeable Hydrocarbons	8/10/99	250		250	ug/l	70.0-130	100			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.30*	"	*70.0-130*	*93.0*			
Matrix Spike	**9080299-MS1**		**9070121-11**							
Purgeable Hydrocarbons	8/10/99	250	ND	187	ug/l	60.0-140	**74.8**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.40*	"	*70.0-130*	*84.0*			
Matrix Spike Dup	**9080299-MSD1**		**9070121-11**							
Purgeable Hydrocarbons	8/10/99	250	ND	242	ug/l	60.0-140	**96.8**	25.0	**25.6**	5
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*7.60*	"	*70.0-130*	*76.0*			
Batch: 9080300	**Date Prepared: 8/10/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9080300-BLK1**									
Purgeable Hydrocarbons	8/10/99			ND	ug/l	**50.0**				
Benzene	"			ND	"	**0.500**				
Toluene	"			ND	"	**0.500**				
Ethylbenzene	"			ND	"	**0.500**				
Xylenes (total)	"			ND	"	**0.500**				
Methyl tert-butyl ether	"			ND	"	**2.50**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.80*	"	*70.0-130*	*88.0*			
LCS	**9080300-BS1**									
Purgeable Hydrocarbons	8/10/99	250		256	ug/l	70.0-130	102			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*12.6*	"	*70.0-130*	*126*			
Matrix Spike	**9080300-MS1**		**9070121-15**							
Purgeable Hydrocarbons	8/10/99	250	ND	223	ug/l	60.0-140	**89.2**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*11.1*	"	*70.0-130*	*111*			
Matrix Spike Dup	**9080300-MSD1**		**9070121-15**							
Purgeable Hydrocarbons	8/10/99	250	ND	234	ug/l	60.0-140	**93.6**	25.0	**4.81**	

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

nvironmental Resolutions (Exxon)	Project:	Exxon	Sampled: 7/30/99
73 Digital Drive, Suite 100	Project Number:	7-0236	Received: 8/2/99
Novato, CA 94949	Project Manager:	Scott Graham	Reported: 8/16/99

Total Purgeable Hydrocarbons (C6-C12) & BTEX and MTBE by DHS LUFT / Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
atrix Spike Dup (continued)	**9080300-MSD1**		**9070121-15**							
rrogate: a,a,a-Trifluorotoluene	*8/10/99*	*10.0*		*11.1*	*ug/l*	*70.0-130*	*111*			
Batch: 9080301	**Date Prepared: 8/10/99**					**Extraction Method: EPA 5030B [P/T]**				
lank	**9080301-BLK1**									
urgeable Hydrocarbons	8/10/99			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
oluene	"			**ND**	"	**0.500**				
hylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**2.50**				
rrogate: a,a,a-Trifluorotoluene	*"*	*10.0*		*9.60*	*"*	*70.0-130*	*96.0*			
LCS	**9080301-BS1**									
urgeable Hydrocarbons	8/10/99	250		234	ug/l	70.0-130	93.6			
rrogate: a,a,a-Trifluorotoluene	*"*	*10.0*		*13.5*	*"*	*70.0-130*	*135*			*3*
Matrix Spike	**9080301-MS1**		**9070137-02**							
rgeable Hydrocarbons	8/10/99	250	ND	238	ug/l	60.0-140	**95.2**			
rrogate: a,a,a-Trifluorotoluene	*"*	*10.0*		*13.5*	*"*	*70.0-130*	*135*			*3*
Matrix Spike Dup	**9080301-MSD1**		**9070137-02**							
rgeable Hydrocarbons	8/10/99	250	ND	201	ug/l	60.0-140	**80.4**	25.0	**16.9**	
Surrogate: a,a,a-Trifluorotoluene	*"*	*10.0*		*12.7*	*"*	*70.0-130*	*127*			
tch: 9080432	**Date Prepared: 8/12/99**					**Extraction Method: EPA 5030B [P/T]**				
lank	**9080432-BLK1**									
Purgeable Hydrocarbons	8/12/99			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
oluene	"			**ND**	"	**0.500**				
hylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
ethyl tert-butyl ether	"			**ND**	"	**2.50**				
rrogate: a,a,a-Trifluorotoluene	*"*	*10.0*		*10.2*	*"*	*70.0-130*	*102*			
LCS	**9080432-BS1**									
rgeable Hydrocarbons	8/12/99	250		248	ug/l	70.0-130	99.2			
rrogate: a,a,a-Trifluorotoluene	*"*	*10.0*		*14.0*	*"*	*70.0-130*	*140*			*3*
atrix Spike	**9080432-MS1**		**9080365-02**							
rgeable Hydrocarbons	8/12/99	250	ND	250	ug/l	60.0-140	**100**			
Surrogate: a,a,a-Trifluorotoluene	*"*	*10.0*		*13.1*	*"*	*70.0-130*	*131*			*3*

Sequoia Analytical

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nvironmental Resolutions (Exxon)	Project:	Exxon	Sampled: 7/30/99
73 Digital Drive, Suite 100	Project Number:	7-0236	Received: 8/2/99
Novato, CA 94949	Project Manager:	Scott Graham	Reported: 8/16/99

Total Purgeable Hydrocarbons (C6-C12) BTEX and MTBE by DHS LUFT Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
atrix Spike Dup	**9080432-MSD1**		**9080365-02**							
rgeable Hydrocarbons	8/12/99	250	ND	237	ug/l	60.0-140	**94.8**	25.0	**5.34**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*11.6*	"	*70.0-130*	*116*			
atch: 9080434	**Date Prepared: 8/12/99**					**Extraction Method: EPA 5030B [P/T]**				
lank	**9080434-BLK1**									
Purgeable Hydrocarbons	8/12/99			**ND**	ug/l	**50.0**				
enzene	"			**ND**	"	**0.500**				
oluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
ethyl tert-butyl ether	"			**ND**	"	**2.50**				
urrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.90*	"	*70.0-130*	*99.0*			
CS	**9080434-BS1**									
rgeable Hydrocarbons	8/12/99	250		270	ug/l	70.0-130	108			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.60*	"	*70.0-130*	*96.0*			
CS Dup	**9080434-BSD1**									
rgeable Hydrocarbons	8/12/99	250		272	ug/l	70.0-130	109	25.0	0.922	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.1*	"	*70.0-130*	*101*			
atrix Spike	**9080434-MS1**		**9080361-01**							
rgeable Hydrocarbons	8/12/99	250	ND	270	ug/l	60.0-140	**108**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.0*	"	*70.0-130*	*100*			
atrix Spike Dup	**9080434-MSD1**		**9080361-01**							
Purgeable Hydrocarbons	8/12/99	250	ND	267	ug/l	60.0-140	**107**	25.0	**0.930**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.90*	"	*70.0-130*	*99.0*			

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project:	Exxon	Sampled: 7/30/99
73 Digital Drive, Suite 100	Project Number:	7-0236	Received: 8/2/99
Novato, CA 94949	Project Manager:	Scott Graham	Reported: 8/16/99

Diesel Hydrocarbons (C9-C24) by DHS LUFT/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9080047	**Date Prepared: 8/3/99**					**Extraction Method: EPA 3510B**				
Blank	**9080047-BLK1**									
Diesel Range Hydrocarbons	8/4/99			ND	ug/l	50.0				
Surrogate: n-Pentacosane	"	*100*		*108*	"	*50.0-150*	*108*			
LCS	**9080047-BS1**									
Diesel Range Hydrocarbons	8/4/99	1000		779	ug/l	60.0-140	77.9			
Surrogate: n-Pentacosane	"	*100*		*92.9*	"	*50.0-150*	*92.9*			
LCS Dup	**9080047-BSD1**									
Diesel Range Hydrocarbons	8/4/99	1000		760	ug/l	60.0-140	76.0	50.0	2.47	
Surrogate: n-Pentacosane	"	*100*		*90.3*	"	*50.0-150*	*90.3*			

Sequoia Analytical

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vironmental Resolutions (Exxon)	Project:	Exxon	Sampled: 7/30/99
73 Digital Drive, Suite 100	Project Number:	7-0236	Received: 8/2/99
Novato, CA 94949	Project Manager:	Scott Graham	Reported: 8/16/99

Conventional Chemistry Parameters by APHA/EPA Methods/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
tch: 9080068	**Date Prepared: 8/4/99**					**Extraction Method: General Preparation**				
ank	**9080068-BLK1**									
Total Alkalinity	8/4/99			ND	mg/l	5.00				
CS	**9080068-BS1**									
tal Alkalinity	8/4/99	100		100	mg/l	80.0-120	100			
atrix Spike	**9080068-MS1**		**9070146-01**							
tal Alkalinity	8/4/99	100	29.0	130	mg/l	75.0-125	**101**			
Matrix Spike Dup	**9080068-MSD1**		**9070146-01**							
tal Alkalinity	8/4/99	100	29.0	130	mg/l	75.0-125	**101**	20.0	**0**	

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project:	Exxon	Sampled: 7/30/99
73 Digital Drive, Suite 100	Project Number:	7-0236	Received: 8/2/99
Novato, CA 94949	Project Manager:	Scott Graham	Reported: 8/16/99

Anions by EPA Method 300.0 Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9080104	**Date Prepared: 8/4/99**					**Extraction Method: General Preparation**				
Blank	**9080104-BLK1**									
Sulfate as SO4	8/4/99			**ND**	mg/l	**1.00**				
LCS	**9080104-BS1**									
Sulfate as SO4	8/4/99	10.0		9.03	mg/l	80.0-120	90.3			
Matrix Spike	**9080104-MS1**		**9070120-01**							
Sulfate as SO4	8/4/99	100	356	461	mg/l	75.0-125	**105**			
Matrix Spike Dup	**9080104-MSD1**		**9070120-01**							
Sulfate as SO4	8/4/99	100	356	453	mg/l	75.0-125	**97.0**	20.0	**7.92**	

Sequoia Analytical

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nvironmental Resolutions (Exxon)	Project:	Exxon	Sampled: 7/30/99
73 Digital Drive, Suite 100	Project Number:	7-0236	Received: 8/2/99
Novato, CA 94949	Project Manager:	Scott Graham	Reported: 8/16/99

Notes and Definitions

Note	
1	Chromatogram Pattern: Weathered Gasoline C6-C12
	Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
3	The surrogate recovery for this sample is outside of established control limits.
	Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
	The RPD value for this QC sample is above the established control limit. Review of associated QC indicates the high RPD does not represent an out-of-control condition for the batch.
DET	Analyte DETECTED
D	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
ecov.	Recovery
RPD	Relative Percent Difference

[redacted]
600 Chesapeake Dr
Redwood City, CA 94063
(650) 364-9600 • FAX (650) 364-9233

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

[redacted] ISSUED

AUG. -02' 99(MON) 12:57 BLAINE TECH SERVICES, INC TEL:408 573 7771 P. 002

Consultant's Name: ERI / Blaine Tech Services, Inc.

Address: 73 Digital Drive, Suite 100, Novato

Page 1 of 1

Project #: 990730-21	Consultant Project #: 990730-21	Site Location: 6600 E 14th St, Oakland
Project Contact: Scott Graham	Phone #: (415) 382-5989	Consultant Work Release #: 17708584
EXXON Contact: Marla Guensler	Phone #: (925) 246-8776	Laboratory Work Release #:
Sampled by (print): [redacted]	Sampler's Signature: [redacted]	EXXON RAS #: 7-0236
Shipment Method:	Air Bill #:	

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

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	ANALYSIS REQUIRED: TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	~~TRPH~~ ~~SMM~~ 5520 Ferrous Iron	MTBE (8020)	Sulfate Nitrate Alkalinity	Temperature: Inbound Seal: Yes No Outbound Seal: Yes No
MW-2	7/30	1530	W	HCl	7		X	X	X	X	X	
MW-3		1505			7		X	X	X	X	X	
MW-4		1315			5		X	X		X		
MW-5		1350			7		X	X	X	X	X	
MW-6		1445			5		X	X		X		
MW-8		1425			5		X	X		X		
TB		—			2		X			X		

Confirm MTBE at wells MW-2 and MW-6 by 8260

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
[redacted] / BTS	7/31/99	11:46	[redacted]	8/2	1148	

BLAINE TECH SERVICES, INC.
1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
(408) 573-7771 FAX
(408) 573-0555 PHONE

DATE 8/2/99

REISSUED

Total pages including cover sheet (2)

TO Ron Chew

OF Sequoia

FROM Morgan Hargrave x218

REMARKS: Ron,
Please make the following correction to this coc:
Confirm MTBE by 8260 at wells MW-2 [redacted] MW-6".

Thanks!
-Morgan

[redacted]
680 Chesapeake Dr.
Redwood City, CA 94063
(650) 364 9600 • FAX (650) 364-9233

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

9080009

Consultant's Name: ERI / Blaine Tech Services, Inc.

Page 1 of 1

Address: 73 Digital Drive, Suite 100, Novato

Project #: 990730-21

Consultant Project #: 990730-21

Site Location: 6600 E 14th St, Oakland

Project Contact: Scott Graham

Phone #: (415) 382-5989

Consultant Work Release #: 19708584

EXXON Contact: Marla Guensler

Phone #: (925) 246-8776

Laboratory Work Release #:

Sampled by (print): JR

Sampler's Signature:

EXXON RAS #: 7-0236

Shipment Method:

Air Bill #:

12

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

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	ANALYSIS REQUIRED: TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	~~TPH~~ ~~S.M. 5020~~ Ferrous Iron	MTBE (8020)	Sulfate Nitrate Alkalinity	Temperature: Inbound Seal: Yes No Outbound Seal: Yes No
MW-2	7/30	1530	W	HCl	7	01	X	X	X	X	X	CANCEL
MW-3		1505			7	02	X	X	X	X	X	
MW-4		1315			5	03	X	X		X		Nitrate
MW-5		1350			7	04	X	X	X	X	X	and
MW-6		1445			5	05	X	X		X		Ferrous
MW-8		1425			5	06	X	X		X		Iron
TB		—			2	07	X			X		

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
/ BTS	7/30/99	11:46	TJT (MH)	8/2	1148	
				8/2/99	12:30	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

August 19, 1999

Scott Graham
ERI
74 Digital Dr. Suite 100
Novato, CA 94949

RE: Exxon/P908409

Dear Scott Graham:

Enclosed are the results of analyses for sample(s) received by the laboratory on August 2, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matt Sakai
Project Manager

CA ELAP Certificate Number I-2374

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

RI	Project:	Exxon	Sampled: 7/30/99
4 Digital Dr. Suite 100	Project Number:	990730-Z1/7-0236	Received: 8/2/99
Novato, CA 94949	Project Manager:	Scott Graham	Reported: 8/19/99

ANALYTICAL REPORT FOR P908409

ample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-2	P908409-01	Water	7/30/99
W-6	P908409-02	Water	7/30/99

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

RI	Project:	Exxon	Sampled: 7/30/99
4 Digital Dr. Suite 100	Project Number:	990730-Z1/7-0236	Received: 8/2/99
Novato, CA 94949	Project Manager:	Scott Graham	Reported: 8/19/99

ample Description: **MW-2**
Laboratory Sample Number: **P908409-01**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
olatile Organic Compounds by EPA Method 8260B								1
Methyl tert-butyl ether	9080438	8/18/99	8/18/99		25.0	**1360**	ug/l	
Surrogate: Dibromofluoromethane	"	"	"	*86.0-118*		*99.0*	%	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

RI	Project:	Exxon	Sampled: 7/30/99
Digital Dr. Suite 100	Project Number:	990730-Z1/7-0236	Received: 8/2/99
Novato, CA 94949	Project Manager:	Scott Graham	Reported: 8/19/99

ample Description: **MW-6**
Laboratory Sample Number: **P908409-02**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
olatile Organic Compounds by EPA Method 8260B								1
Methyl tert-butyl ether	9080438	8/18/99	8/18/99		0.500	**2.50**	ug/l	
Surrogate: Dibromofluoromethane	"	"	"	*86.0-118*		*99.6*	%	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

RI	Project: Exxon	Sampled:	7/30/99
Digital Dr. Suite 100	Project Number: 990730-Z1/7-0236	Received:	8/2/99
Novato, CA 94949	Project Manager: Scott Graham	Reported:	8/19/99

Volatile Organic Compounds by EPA Method 8260B/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9080438	**Date Prepared: 8/18/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9080438-BLK1**									
Methyl tert-butyl ether	8/18/99			**ND**	ug/l	**0.500**				
Surrogate: Dibromofluoromethane	"	*5.00*		*4.82*	"	*86.0-118*	*96.4*			
LCS	**9080438-BS1**									
Methyl tert-butyl ether	8/18/99	5.00		3.89	ug/l	72.7-119	77.8			
Surrogate: Dibromofluoromethane	"	*5.00*		*4.98*	"	*86.0-118*	*99.6*			
Matrix Spike	**9080438-MS1**		**P908344-05**							
Methyl tert-butyl ether	8/18/99	5.00	1.05	5.86	ug/l	72.7-119	**96.2**			
Surrogate: Dibromofluoromethane	"	*5.00*		*4.84*	"	*86.0-118*	*96.8*			
Matrix Spike Dup	**9080438-MSD1**		**P908344-05**							
Methyl tert-butyl ether	8/18/99	5.00	1.05	5.99	ug/l	72.7-119	**98.8**	20.0	**2.67**	
Surrogate: Dibromofluoromethane	"	*5.00*		*4.80*	"	*86.0-118*	*96.0*			

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

RI	Project:	Exxon	Sampled: 7/30/99
4 Digital Dr. Suite 100	Project Number:	990730-Z1/7-0236	Received: 8/2/99
Novato, CA 94949	Project Manager:	Scott Graham	Reported: 8/19/99

Notes and Definitions

Note	
1	This sample was analyzed outside the EPA recommended holding time.
ET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
R	Not Reported
dry	Sample results reported on a dry weight basis
ecov.	Recovery
PD	Relative Percent Difference

Sequoia Analytical
680 Chesapeake Dr
Redwood City, CA 94063
(650) 364-9600 • FAX (650) 364-9233

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

9080009

1908409

Consultant's Name: ERI / Blaine Tech Services, Inc.

Address: 73 Digital Drive, Suite 100, Novato

Page 1 of 1

Project #: 990730-21	Consultant Project #: 990730-21	Site Location: 6600 E 14th St, Oakland
Project Contact: Scott Graham	Phone #: (415) 382-5989	Consultant Work Release #: 1908584
EXXON Contact: Marla Guensler	Phone #: (925) 246-8776	Laboratory Work Release #:
Sampled by (print): JE	Sampler's Signature:	EXXON RAS #: 7-0236
Shipment Method:	Air Bill #:	

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

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	ANALYSIS REQUIRED: TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	~~TRPH~~ O&G 5520 ~~8020~~ Ferrous Iron	MTBE (8020)	Sulfate Nitrate Alkalinity	Temperature: Inbound Seal: Yes No Outbound Seal: Yes No
MW-2	7/30	1530	W	HCl	7	1908409-01	X	X	X	X	X	
MW-3		1505			7		X	X	X	X	X	
MW-4		1315			5		X	X		X		
MW-5		1350			7		X	X	X	X	X	
MW-6		1445			5	↓2	X	X		X		
MW-8		1425			5		X	X		X		Confirm MTBE by 8260 at wells MW-2 and MW-6
TB	↓	—	↓	↓	2		X			X		

COOLER CUSTODY SEALS INTACT ☐ NOT INTACT

COOLER TEMPERATURE 2 °C

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
/ BTS	~~8-17-99~~ 8-2-99	11:46		8/2	1148	
JT (MM) / SA	8-17-76	08:15		8-17-99	1309	

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

August 26, 1999

John Skance
Environmental Resolutions (Exxon)
73 Digital Drive, Suite 100
Novato, CA 94949

RE: Exxon 7-0236/9080416

Dear John Skance

Enclosed are the results of analyses for sample(s) received by the laboratory on August 12, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ron Chew
Project Manager

CA ELAP Certificate Number 1210

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

vironmental Resolutions (Exxon)	Project: Exxon	Sampled: 8/12/99
73 Digital Drive, Suite 100	Project Number: 7-0236	Received: 8/12/99
Novato, CA 94949	Project Manager: John Skance	Reported: 8/26/99

ANALYTICAL REPORT FOR 9080416

mple Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-2	9080416-01	Water	8/12/99
W-3	9080416-02	Water	8/12/99
W-5	9080416-03	Water	8/12/99

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

vironmental Resolutions (Exxon)	Project:	Exxon	Sampled: 8/12/99
73 Digital Drive, Suite 100	Project Number:	7-0236	Received: 8/12/99
Novato, CA 94949	Project Manager:	John Skance	Reported: 8/26/99

Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
W-2			**9080416-01**				**Water**	
rrous Iron	9080513	8/13/99	8/17/99	EPA 6010A	0.0100	**0.710**	mg/l	
MW-3			**9080416-02**				**Water**	
rrous Iron	9080513	8/13/99	8/17/99	EPA 6010A	0.0100	**0.0440**	mg/l	
MW-5			**9080416-03**				**Water**	
rrous Iron	9080513	8/13/99	8/17/99	EPA 6010A	0.0100	**0.110**	mg/l	

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

nvironmental Resolutions (Exxon)	Project:	Exxon	Sampled: 8/12/99
73 Digital Drive, Suite 100	Project Number:	7-0236	Received: 8/12/99
Novato, CA 94949	Project Manager:	John Skance	Reported: 8/26/99

Anions by EPA Method 300.0
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
W-2			**9080416-01**				**Water**	
itrate as NO3	9080548	8/13/99	8/13/99	EPA 300.0	1.00	**5.97**	mg/l	
MW-3			**9080416-02**				**Water**	
itrate as NO3	9080548	8/13/99	8/13/99	EPA 300.0	1.00	**48.1**	mg/l	
MW-5			**9080416-03**				**Water**	
itrate as NO3	9080548	8/13/99	8/13/99	EPA 300.0	1.00	ND	mg/l	

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

Environmental Resolutions (Exxon)	Project:	Exxon	Sampled: 8/12/99
973 Digital Drive, Suite 100	Project Number:	7-0236	Received: 8/12/99
Novato, CA 94949	Project Manager:	John Skance	Reported: 8/26/99

Total Metals by EPA 6000/7000 Series Methods Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9080513	**Date Prepared: 8/13/99**					**Extraction Method: EPA 3010A**				
Blank	**9080513-BLK1**									
Ferrous Iron	8/17/99			**ND**	mg/l	**0.0100**				
LCS	**9080513-BS1**									
Ferrous Iron	8/18/99	1.00		0.980	mg/l	80.0-120	98.0			
Matrix Spike	**9080513-MS1**		**9080410-01**							
Ferrous Iron	8/17/99	1.00	0.0410	1.10	mg/l	80.0-120	**106**			
Matrix Spike Dup	**9080513-MSD1**		**9080410-01**							
Ferrous Iron	8/17/99	1.00	0.0410	1.10	mg/l	80.0-120	106	20.0	**0**	

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project:	Exxon	Sampled: 8/12/99
73 Digital Drive, Suite 100	Project Number:	7-0236	Received: 8/12/99
Novato, CA 94949	Project Manager:	John Skance	Reported: 8/26/99

Anions by EPA Method 300.0/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9080548	**Date Prepared: 8/13/99**					**Extraction Method: General Preparation**				
Blank	**9080548-BLK1**									
Nitrate as NO3	8/13/99			**ND**	mg/l	**1.00**				
LCS	**9080548-BS1**									
Nitrate as NO3	8/13/99	10.0		10.1	mg/l	80.0-120	101			
Matrix Spike	**9080548-MS1**		**9080356-01**							
Nitrate as NO3	8/13/99	100	5.88	94.2	mg/l	75.0-125	**88.3**			
Matrix Spike Dup	**9080548-MSD1**		**9080356-01**							
Nitrate as NO3	8/13/99	100	5.88	92.2	mg/l	75.0-125	**86.3**	20.0	**2.29**	

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

nvironmental Resolutions (Exxon)	Project:	Exxon	Sampled: 8/12/99
73 Digital Drive, Suite 100	Project Number:	7-0236	Received: 8/12/99
Novato, CA 94949	Project Manager:	John Skance	Reported: 8/26/99

Notes and Definitions

Note	
DET	Analyte DETECTED
D	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
ecov.	Recovery
RPD	Relative Percent Difference

Sequoia Analytical
680 Chesapeake Dr.
Redwood City, CA 94063
(650) 364-9600 • FAX (650) 364-9233

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

Consultant's Name: ERI / Blaine Tech Services, Inc.

Page 1 of 1

Address: 73 Digital Drive, Suite 100, Novato

Project #: 490812-51

Project Contact: ~~Scott Grunz~~ John Skance

EXXON Contact: Marla Guensler

Sampled by (print): KPS

Shipment Method:

Consultant Project #: 2009

Phone #: (415) 382-5~~9~~ 5996

Phone #: (925) 246-8776

Sampler's Signature:

Air Bill #:

Site Location: 6600 E 14th St, Oakland

Consultant Work Release #: 19908584

Laboratory Work Release #:

EXXON RAS #: 7-0236

9080416

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

ANALYSIS REQUIRED

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	[redacted] (NITRATE)	FERROUS IRON	Temperature: Inbound Seal: Yes No Outbound Seal: Yes No
mw-2	8/12/99	10:05	water	[redacted]	1	01				X	X	
mw-3		9:42				02						
mw-5		9:30				03						

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
/ BTS	8/12/99			8/12		
			MH	8/12	12:42	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

September 20, 1999

John Skance
ERI
74 Digital Dr. Suite 100
Novato, CA 94949

RE: Exxon/P909125

Dear John Skance:

Enclosed are the results of analyses for sample(s) received by the laboratory on September 3, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matt Sakai
Project Manager

CA ELAP Certificate Number I-2374

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

RI	Project:	Exxon	Sampled: 9/3/99
Digital Dr. Suite 100	Project Number:	200912X/7-0236	Received: 9/3/99
Novato, CA 94949	Project Manager:	John Skance	Reported: 9/20/99

ANALYTICAL REPORT FOR P909125

mple Description	Laboratory Sample Number	Sample Matrix	Date Sampled
W-MW4	P909125-01	Water	9/3/99
-MW3	P909125-02	Water	9/3/99
W-MW8	P909125-03	Water	9/3/99
-MW2	P909125-04	Water	9/3/99
W-MW6	P909125-05	Water	9/3/99
-MW5	P909125-06	Water	9/3/99

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

RI	Project:	Exxon	Sampled: 9/3/99
Digital Dr. Suite 100	Project Number:	200912X/7-0236	Received: 9/3/99
Novato, CA 94949	Project Manager:	John Skance	Reported: 9/20/99

ample Description: **W-MW4**
aboratory Sample Number: **P909125-01**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
			Sequoia Analytical - Petaluma					
onventional Chemistry Parameters by APHA/EPA Methods								
ssolved Oxygen	9090496	9/3/99	9/3/99	EPA 360.1	0.100	**2.94**	mg/l	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

RI	Project:	Exxon	Sampled: 9/3/99
4 Digital Dr. Suite 100	Project Number:	200912X/7-0236	Received: 9/3/99
Novato, CA 94949	Project Manager:	John Skance	Reported: 9/20/99

Sample Description: W-MW3
Laboratory Sample Number: P909125-02

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Conventional Chemistry Parameters by APHA/EPA Methods								
Dissolved Oxygen	9090496	9/3/99	9/3/99	EPA 360.1	0.100	**2.56**	mg/l	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

[illegible]I	Project:	Exxon	Sampled: 9/3/99
[illegible] Digital Dr. Suite 100	Project Number:	200912X/7-0236	Received: 9/3/99
Novato, CA 94949	Project Manager:	John Skance	Reported: 9/20/99

[illegible]mple Description: **W-MW8**
Laboratory Sample Number: **P909125-03**

[illegible]alyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
[illegible]nventional Chemistry Parameters by APHA/EPA Methods								
[illegible]ssolved Oxygen	9090496	9/3/99	9/3/99	EPA 360.1	0.100	2.45	mg/l	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

RI	Project:	Exxon	Sampled: 9/3/99
4 Digital Dr. Suite 100	Project Number:	200912X/7-0236	Received: 9/3/99
Novato, CA 94949	Project Manager:	John Skance	Reported: 9/20/99

ample Description: **W-MW2**
Laboratory Sample Number: **P909125-04**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
onventional Chemistry Parameters by APHA/EPA Methods								
Dissolved Oxygen	9090496	9/3/99	9/3/99	EPA 360.1	0.100	**1.02**	mg/l	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

RI	Project:	Exxon	Sampled: 9/3/99
4 Digital Dr. Suite 100	Project Number:	200912X/7-0236	Received: 9/3/99
Novato, CA 94949	Project Manager:	John Skance	Reported: 9/20/99

Sample Description: W-MW6
Laboratory Sample Number: P909125-05

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Conventional Chemistry Parameters by APHA/EPA Methods								
Dissolved Oxygen	9090496	9/3/99	9/3/99	EPA 360.1	0.100	**6.20**	mg/l	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

RI	Project:	Exxon	Sampled: 9/3/99
4 Digital Dr. Suite 100	Project Number:	200912X/7-0236	Received: 9/3/99
Novato, CA 94949	Project Manager:	John Skance	Reported: 9/20/99

ample Description: **W-MW5**
Laboratory Sample Number: **P909125-06**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
onventional Chemistry Parameters by APHA/EPA Methods								
issolved Oxygen	9090496	9/3/99	9/3/99	EPA 360.1	0.100	**2.11**	mg/l	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

RI	Project:	Exxon	Sampled: 9/3/99
4 Digital Dr. Suite 100	Project Number:	200912X/7-0236	Received: 9/3/99
Novato, CA 94949	Project Manager:	John Skance	Reported: 9/20/99

Conventional Chemistry Parameters by APHA/EPA Methods/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9090496	**Date Prepared: 9/3/99**				**Extraction Method: None**					
Duplicate	**9090496-DUP1**	**P909125-03**								
Dissolved Oxygen	9/3/99		2.45	2.53	mg/l			20.0	**3.21**	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

RI	Project:	Exxon	Sampled: 9/3/99
4 Digital Dr. Suite 100	Project Number:	200912X/7-0236	Received: 9/3/99
Novato, CA 94949	Project Manager:	John Skance	Reported: 9/20/99

Notes and Definitions

	Note
DET	Analyte DETECTED
D	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
y	Sample results reported on a dry weight basis
Recov.	Recovery
PD	Relative Percent Difference

Sequoia Analytical
680 Chesapeake Dr.
Redwood City, CA 94063
(650) 364-9600 • FAX (650) 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** 1 of 1
Address: 73 Digital Dr Suite 100 Novato CA 94949			**Site Location:** 6600 East 14th St
Project #:	**Consultant Project #:** 200912X		**Consultant Work Release #:** 1943250Z
Project Contact: John Skance	**Phone #:** 415 382 9105		**Laboratory Work Release #:** P909125
EXXON Contact: Darin Rouse	**Phone #:**		**EXXON RAS #:** 7-0236
Sampled by (print): Scott Graham/ERI	**Sampler's Signature:**		Oakland, CA
Shipment Method:	**Air Bill #:**		

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

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	ANALYSIS REQUIRED: TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	Dissolved O2		Temperature:_____ Inbound Seal: Yes No Outbound Seal: Yes No
W-MW4	9/3/99	1350	Water	Ice	1	P909125 -01				X		
W-MW3		1405				-02				X		
W-MW8		1415				-03				X		
W-MW2		1425				-04				X		
W-MW6		1435				-05				X		
W-MW5		1450				-06				X		
	COOLER CUSTODY SEALS INTACT ☐ NOT INTACT				N/A							
	COOLER TEMPERATURE 8 °C											

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
Scott Graham/ERI			Michael Rum	9/3/99	16:50	

Pink - Client
Yellow - Sequoia
White - Sequoia