ExxonMobil
Refining & Supply Company
Global Remediation

2300 Clayton Road, Suite 1250
Concord, CA 94520
(925) 246-8747 Telephone
(925) 246-8798 Facsimile
gene.n.ortega@exxonmobil.com

Gene N. Ortega
Territory Manager
Global Remediation – US Retail

ExxonMobil
Refining & Supply

May 24, 2002

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

RE: Former Exxon RAS #7-0238/2200 East 12th Street, Oakland, California.

Dear Mr. Chan:

Attached for your review and comment is a letter report entitled ***Quarterly Groundwater Monitoring Report, Second Quarter 2002,*** dated May 24, 2002, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Novato, California, and discusses the results of quarterly monitoring and sampling activities at the subject site.

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

Sincerely,

Gene N. Ortega
Territory Manager

Attachment: ERI's Quarterly Groundwater Monitoring and Remediation Status Report, Second Quarter 2002, dated May 24, 2002.

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

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

RO 390

ENVIRONMENTAL RESOLUTIONS, INC.

May 24, 2002
ERI 229313.R16

MAY 29 2002

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

Subject: Quarterly Groundwater Monitoring Report, Second Quarter 2002, Former Exxon Service Station 7-0238, 2200 East 12th Street, Oakland, California.

Mr. Ortega:

At the request of ExxonMobil Oil Corporation (formerly Exxon Company, U.S.A.) (ExxonMobil), Environmental Resolutions, Inc. (ERI) performed the second quarter 2002 groundwater monitoring and sampling event at the subject site. The purpose of quarterly monitoring and sampling is to evaluate concentrations of dissolved hydrocarbons in groundwater and the groundwater flow direction and hydraulic gradient. The location of the site is shown on the Site Vicinity Map (Plate 1). The configuration of the site and the locations of select site features are shown on the Generalized Site Plan (Plate 2).

GROUNDWATER MONITORING AND SAMPLING

On April 12, 2002, ERI measured depth to water (DTW) in select wells and collected groundwater samples from these wells for laboratory analysis. Work was performed in accordance with ERI's groundwater sampling protocol (Attachment A). The calculated hydraulic gradient and groundwater flow direction are shown on Plate 2. Historical and recent monitoring data are summarized in Table 1.

Laboratory Analyses and Results

ERI submitted groundwater samples to Test America Incorporated (Test America), a California state-certified laboratory, under Chain-of-Custody protocol. The samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg); benzene, toluene, ethylbenzene, and total xylenes (BTEX); and methyl tertiary butyl ether (MTBE) using the methods listed in the notes in Table 1. The laboratory analysis report and Chain-of-Custody record are attached (Attachment B). Cumulative analytical laboratory results of groundwater samples are summarized in Table 1. Analytical results of groundwater samples collected during the recent sampling event are shown on Plate 2.

FUTURE ACTIVITIES

Corrective and Remedial Actions

ERI conducted a dual-phase extraction (DPE) feasibility test at the subject site in March 2001. The purpose of the test was to evaluate the effectiveness of DPE as a remedial alternative. Test methods and results of the investigation are presented in ERI's *Dual-Phase Extraction Feasibility Test Report and Conceptual Corrective Action Plan*, dated September 19, 2001.

ERI has designed a DPE system to remediate hydrocarbon-impacted groundwater and soil vapors. ERI is currently in the process of obtaining the required permits for system installation and operation. System installation is planned for 2003. The DPE system will consist of a liquid-ring pump (LRP) to extract groundwater and soil vapor from four proposed DPE wells (DPE1 through DPE4). Extracted liquid and vapor streams will be separated by an air-water separator and directed to the liquid and vapor abatement systems. The vapor stream will be abated using a catalytic oxidizer and discharged into the atmosphere under permit from the Bay Area Air Quality Management District (BAAQMD). The liquid stream will be abated with granular activated carbon and discharged to the sanitary sewer under permit from the East Bay Municipal Utility District (EBMUD).

Quarterly Monitoring and Sampling

Groundwater monitoring and sampling occurs quarterly at this site. The third quarter 2002 monitoring and sampling event is scheduled for July 2002.

DOCUMENT DISTRIBUTION

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

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

LIMITATIONS

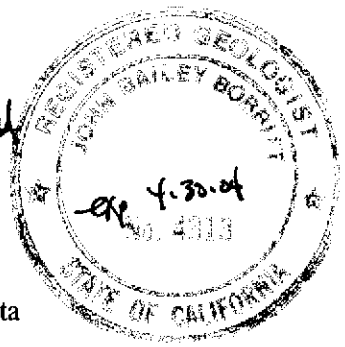
This report was prepared in accordance with generally accepted standards of environmental practice in California at the time this investigation was performed. This report has been prepared for ExxonMobil, and any reliance on this report by third parties shall be at such party's sole risk.

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

Sincerely,
Environmental Resolutions, Inc.

Paula Sime
Senior Staff Geologist

John B. Bobbitt
R.G. 4313



Attachments:
Table 1: Cumulative Groundwater Monitoring and Sampling Data

Plate 1: Site Vicinity Map
Plate 2: Generalized Site Plan

Attachment A: Groundwater Sampling Protocol
Attachment B: Laboratory Analysis Report and Chain-of-Custody Record

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0238
2200 East 12th Street
Oakland, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	MTBE	B	T	E	X
		<	feet	>	<		ug/L			>
MW9A	11/02/95	NLPH	7.16	4.30	<50	<10	<0.5	<0.5	<0.5	<0.5
(11.46)	04/26/96	NLPH	6.33	5.13	---	---	---	---	---	---
	08/22/96	NLPH	7.02	4.44	---	---	---	---	---	---
	02/24/97	---	---	---	---	---	---	---	---	---
	03/16/98	NLPH	6.14	5.32	<200	40,000	7.9	<2.0	<2.0	<2.0
	04/21/98	NLPH	6.29	5.17	<50	53,000	3.8	<0.5	<0.5	<0.5
(14.53)	07/22/98	NLPH	6.58	7.95	<250	18,000	<2.5	<2.5	<2.5	<2.5
	12/22/98	NLPH	6.47	8.06	<50	5,200	<0.5	<0.5	<0.5	<0.5
	02/26/99	NLPH	6.38	8.15	<100	10,000	<1.0	<1.0	<1.0	<1.0
	5/27/99 b	NLPH	6.56	7.97	<5,000	15,300	<50	<50	<50	<50
	08/03/99	NLPH	9.39	5.14	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	12/03/99	NLPH	6.52	8.01	<50	1,400	<0.5	<0.5	<0.5	0.67 c
	02/29/00	NLPH	5.31	9.22	<50	20,000	1.2	<0.5	<0.5	<0.5
	05/18/00	NLPH	6.31	8.22	<50	14,000/11,000a	<0.5	<0.5	<0.5	<0.5
	07/24/00	NLPH	6.54	7.99	<50	7,400	<0.5	<0.5	<0.5	<0.5
	10/09/00	NLPH	6.00	8.53	<50	2,300	<0.5	<0.5	<0.5	<0.5
	01/10/01	NLPH	6.34	8.19	<50	3,700	<0.5	<0.5	<0.5	<0.5
	04/10/01	NLPH	9.31	5.22	<50	11,000	<0.5	<0.5	<0.5	<0.5
	07/12/01	NLPH	---	---	<50	3,600	<0.5	<0.5	<0.5	<0.5
	8/17/01 d	---	6.61	7.92	---	---	---	---	---	---
	10/11/01	NLPH	7.03	7.50	<50	1,700	<0.5	<0.5	<0.5	<0.5
(14.51)	10/11/01	Well surveyed in compliance with AB2886 requirements.								
	01/11/02	NLPH	5.93	8.58	2,090 f	31,000 f	18.6 f	<0.50	<0.50	<0.50
	04/12/02	**NLPH**	**6.41**	**8.10**	**34,300**	**32,200**	**<5.00**	**<5.00**	**<5.00**	**<5.00**
MW9B	11/02/95	NLPH	6.14	3.66	130	<10	3.3	<0.5	<0.5	<0.5
(9.80)	04/26/96	NLPH	5.66	4.14	270	70	130	2.8	6.7	<3
	08/22/96	NLPH	6.16	3.64	210	31	5.7	6.8	1.1	9.2
	02/24/97	NLPH	5.58	4.22	1,400	1,300	76	1.4	4.1	1.2
	03/16/98	NLPH	5.32	4.48	860	1,500	140	2.0	11	<2.0
	04/21/98	NLPH	5.49	4.31	1,800	18,000	300	<5.0	7.9	<5.0
(12.83)	07/22/98	NLPH	5.79	7.04	<500	26,000	13	<5.0	<5.0	<5.0
	12/22/98	NLPH	5.69	7.14	700	21,000	110	3.1	9.1	14
	02/26/99	NLPH	5.10	7.73	8,800	8,000	2,000	<25	52	38
	05/18/99	NLPH	5.65	7.18	<10,000	42,100	158	<100	<100	<100
	08/03/99	NLPH	6.24	6.59	960	24,900	<5.0	<5.0	<5.0	<5.0
	12/03/99	NLPH	5.66	7.17	<50	1,000	<0.5	<0.5	<0.5	<0.5

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0238
2200 East 12th Street
Oakland, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	MTBE	B	T	E	X
		<	feet	>	<		ug/L			>
MW9B (cont.)	02/29/00	NLPH	4.61	8.22	3,100	25,000	900	7	23	7.1
(12.83)	05/18/00	NLPH	5.54	7.29	780	34,000/26,000a	150	<2.5	4.5	<2.5
	07/24/00	NLPH	8.75	4.08	<250	39,000	8	<2.5	<2.5	<2.5
	10/09/00	NLPH	4.84	7.99	<1,200	30,000	1.7	<0.5	<0.5	<0.5
	01/10/01	NLPH	5.56	7.27	<250	32,000	5.3	<0.5	<0.5	<0.5
	04/10/01	NLPH	5.40	7.43	360	27,000	69.0	<2.5	22.0	29.8
	07/12/01	NLPH	---	---	<250	41,000	<2.5	<2.5	<2.5	<2.5
	8/17/01 d	---	5.83	7.00	---	---	---	---	---	---
	10/11/01	NLPH	8.70	4.13	<250	24,000	<2.5	<2.5	<2.5	<2.5
(12.84)	Nov-01	Well surveyed in compliance with AB2886 requirements.								
	01/11/02	NLPH	5.16	7.68	9,170 f	14,600 f	66.0 f	<10.0	54.0	<10.0
	04/12/02	**NLPH**	**5.57**	**7.27**	**29,600**	**28,600**	**12.0**	**<5.00**	**<5.00**	**<5.00**
MW9C	11/02/95	---	---	---	---	---	---	---	---	---
(11.14)	04/26/96	---	---	---	---	---	---	---	---	---
	08/22/96	---	---	---	---	---	---	---	---	---
	02/24/97	---	---	---	---	---	---	---	---	---
	03/16/98	NLPH	5.51	5.63	<500	150,000	24	<5.0	<5.0	<5.0
	04/21/98	NLPH	5.83	5.31	150	130,000/150,000a	<0.5	<0.5	<0.5	<0.5
(14.19)	07/22/98	NLPH	6.43	7.76	<500	95,000	<5.0	<5.0	<5.0	<5.0
	12/22/98	NLPH	6.16	8.03	<500	84,000	<5.0	<5.0	<5.0	<5.0
	02/26/99	NLPH	5.46	8.73	<250	55,000	<2.5	<2.5	<2.5	<2.5
	05/18/99	NLPH	6.27	7.92	<25,000	68,900	<250	<250	<250	<250
	08/03/99	NLPH	7.13	7.06	210	69,200	<1.0	1.3	<1.0	<1.0
	12/03/99	NLPH	6.17	8.02	290	50,000	<2.5	<2.5	<2.5	<2.5
	02/29/00	NLPH	4.49	9.70	<250	40,000	<2.5	<2.5	<2.5	<2.5
	05/18/00	NLPH	5.96	8.23	<250	46,000/33,000	<2.5	<2.5	<2.5	<2.5
	07/24/00	NLPH	6.47	7.72	<250	44,000	<2.5	<2.5	<2.5	<2.5
	10/09/00	NLPH	6.57	7.62	<250	39,000	<2.5	<2.5	<2.5	<2.5
	01/10/01	NLPH	6.09	8.10	<250	42,000	<2.5	<2.5	<2.5	<2.5
	04/10/01	NLPH	7.88	6.31	<250	35,000	<2.5	<2.5	<2.5	<2.5
	07/12/01	NLPH	---	---	<250	32,000	<2.5	<2.5	<2.5	<2.5
	8/17/01 d	---	6.60	7.59	---	---	---	---	---	---
	10/11/01	NLPH	6.67	7.52	<250	53,000	<2.5	<2.5	<2.5	<2.5
(14.16)	Nov-01	Well surveyed in compliance with AB2886 requirements.								
	01/11/02	NLPH	5.29	8.87	2,470 f	90,000 f	0.90 f	<0.50	<0.50	<0.50
	04/12/02	**NLPH**	**6.14**	**8.02**	**70,400**	**66,800**	**<5.00**	**<5.00**	**<5.00**	**<5.00**

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0238
2200 East 12th Street
Oakland, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	MTBE	B	T	E	X
		<	feet	>	<		ug/L			>
MW9D	11/02/95	---	---	---	---	---	---	---	---	---
(12.90)	04/26/96	---	--	--	---	---	---	---	---	---
	08/22/96	---	---	---	---	---	---	---	---	---
	02/24/97	---	---	---	---	---	---	---	---	---
	03/16/98	NLPH	6.94	5.96	<50	10	<0.5	<0.5	<0.5	<0.5
	04/21/98	NLPH	7.22	5.68	<50	12	<0.5	<0.5	<0.5	<0.5
(15.98)	07/22/98	NLPH	7.85	8.13	<50	13	<0.5	<0.5	<0.5	<0.5
	12/22/98	NLPH	7.58	8.40	<50	12	<0.5	<0.5	<0.5	<0.5
	02/26/99	NLPH	6.42	9.56	<50	310	<0.5	<0.5	<0.5	<0.5
	05/18/99	NLPH	6.55	9.43	<2,500	13,500	<25	<25	<25	<25
	08/03/99	NLPH	8.34	7.64	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	12/03/99	NLPH	7.56	8.42	<50	<2	<0.5	<0.5	<0.5	<0.5
	02/29/00	NLPH	4.82	11.16	<50	2.5	<0.5	<0.5	<0.5	<0.5
	05/18/00	NLPH	7.40	8.58	<50	6.2	<0.5	<0.5	<0.5	<0.5
	07/24/00	NLPH	7.91	8.07	<50	14	<0.5	<0.5	0.85	0.74
	10/09/00	NLPH	8.02	7.96	<50	14	<0.5	<0.5	<0.5	<0.5
	01/10/01	NLPH	7.26	8.72	<50	18	<0.5	<0.5	<0.5	<0.5
	04/10/01	NLPH	7.32	8.66	<50	14	<0.5	<0.5	<0.5	<0.5
	07/12/01	NLPH	--	--	<50	22	<0.5	<0.5	<0.5	<0.5
	08/17/01 e	---	---	---	---	---	---	---	---	---
	10/11/01	NLPH	8.16	7.82	<50	24	<0.5	<0.5	<0.5	<0.5
(15.97)	Nov-01	Well surveyed in compliance with AB2886 requirements.								
	01/11/02	NLPH	6.64	9.33	352 f	2.0 f	<0.50	<0.50	<0.50	<0.50
	04/12/02	**NLPH**	**7.58**	**8.39**	**191**	**192**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW9F	11/02/95	---	---	---	---	---	---	---	---	---
(8.37)	04/26/96	NLPH	---	---	<50	57	<0.5	<0.5	<0.5	<0.5
	08/22/96	NLPH	---	---	<50	5.8	<0.5	<0.5	<0.5	<0.5
	02/24/97	NLPH	---	---	<50	<30	<0.5	<0.5	<0.5	<0.5
	03/16/98	NLPH	---	---	---	---	---	---	---	---
	04/21/98	---	---	---	---	---	---	---	---	---
(11.38)	07/22/98	---	---	---	---	---	---	---	---	---
	12/22/98	NLPH	5.47	5.91	<50	81	<0.5	<0.5	<0.5	<0.5
	02/26/99	NLPH	5.35	6.03	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	05/18/99	NLPH	5.62	5.76	<50	61.6	<0.5	<0.5	<0.5	<0.5
	08/03/99	NLPH	6.32	5.06	<50	3.10	<0.5	<0.5	<0.5	<0.5

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0238
2200 East 12th Street
Oakland, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	MTBE	B	T	E	X
		<	feet	>	<		ug/L			>
MW9F (cont.)	12/03/99	NLPH	5.59	5.79	<50	<2	<0.5	<0.5	0.71	<0.5
(11.38)	02/29/00	NLPH	4.70	6.68	<50	52	<0.5	<0.5	<0.5	<0.5
	05/18/00	NLPH	5.37	6.01	<50	65	<0.5	<0.5	<0.5	<0.5
	07/24/00	NLPH	5.65	5.73	<50	170	<0.5	<0.5	<0.5	<0.5
	10/09/00	NLPH	5.71	5.67	<50	170	<0.5	<0.5	<0.5	<0.5
	01/10/01	NLPH	4.30	7.08	<50	140	<0.5	<0.5	<0.5	<0.5
	04/10/01	NLPH	5.20	6.18	<50	50	<0.5	<0.5	<0.5	<0.5
	07/12/01	NLPH	--	--	<50	190	<0.5	<0.5	<0.5	<0.5
	08/17/01 e	--	--	--	--	--	--	--	--	--
	10/11/01	NLPH	5.82	5.56	<50	260	<0.5	<0.5	<0.5	<0.5
(11.38)	Nov-01	Well surveyed in compliance with AB2886 requirements.								
	01/11/02	NLPH	5.12	6.26	<100	67.0 f	<1.00	<1.00	<1.00	<1.00
	04/12/02	**NLPH**	**5.50**	**5.88**	**55.9**	**58.6**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW9G	11/02/95	NLPH	5.92	4.03	<50	<10	<0.5	<0.5	<0.5	<0.5
(9.95)	04/26/96	NLPH	5.28	4.67	<50	18	<0.5	<0.5	<0.5	<0.5
	08/22/96	NLPH	5.57	4.38	<50	18	<0.5	<0.5	<0.5	<0.5
	02/24/97	NLPH	5.30	4.65	<50	240	<0.5	0.57	<0.5	0.62
	03/16/98	---	---	---	---	---	---	---	---	---
	04/21/98	---	---	---	---	---	---	---	---	---
(12.99)	07/22/98	---	---	---	---	---	---	---	---	---
	12/22/98	NLPH	5.28	7.71	<50	1,100	<0.5	<0.5	<0.5	<0.5
	02/26/99	NLPH	5.31	7.68	<50	50	<0.5	<0.5	<0.5	<0.5
	05/18/99	NLPH	5.18	7.81	<1,000	3,990	<10	<10	<10	<10
	08/03/99	NLPH	6.00	6.99	<50	1,340	<0.5	<0.5	<0.5	<0.5
	12/03/99	NLPH	5.27	7.72	<50	<2	<0.5	<0.5	<0.5	0.55 c
	02/29/00	NLPH	4.60	8.39	<50	7,900	<0.5	<0.5	<0.5	<0.5
	05/18/00	NLPH	5.16	7.83	<50	2,400	<0.5	<0.5	<0.5	<0.5
	07/24/00	NLPH	5.20	7.79	<50	1,000	<0.5	<0.5	<0.5	<0.5
	10/09/00	NLPH	5.26	7.73	<50	180	<0.5	<0.5	<0.5	<0.5
	01/10/01	NLPH	5.18	7.81	<50	1,200	<0.5	<0.5	<0.5	<0.5
	04/10/01	NLPH	5.08	7.91	<50	9,100	<0.5	<0.5	<0.5	<0.5
	07/12/01	NLPH	--	--	<50	3,000	<0.5	<0.5	<0.5	<0.5
	8/17/01 e	---	---	---	---	---	---	---	---	---

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0238
2200 East 12th Street
Oakland, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	MTBE	B	T	E	X
		<	feet	>	<		ug/L			>
MW9G (cont.)	10/11/01	NLPH	5.48	7.51	<50	1,600	<0.5	<0.5	<0.5	<0.5
(12.98)	Nov-01	Well surveyed in compliance with AB2886 requirements.								
	01/11/02	NLPH	4.97	8.01	419 f	945 f	<0.50	<0.50	<0.50	<0.50
	04/12/02	**NLPH**	**5.12**	**7.86**	**10,700**	**11,000**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW9H	11/02/95	NLPH	8.40	0.18	<50	<10	<0.5	<0.5	<0.5	<0.5
(8.58)	04/26/96	NLPH	8.05	0.53	---	---	---	---	---	---
	08/22/96	NLPH	8.17	0.41	---	---	---	---	---	---
	02/24/97	---	---	---	---	---	---	---	---	---
	03/16/98	---	---	---	---	---	---	--	---	---
	04/21/98	---	---	---	---	---	---	---	---	---
(11.61)	07/22/98	---	---	---	---	---	---	---	---	---
	12/22/98	NLPH	7.81	3.80	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	02/26/99	NLPH	7.61	4.00	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	05/18/99	NLPH	8.00	3.61	<50	3.98	<0.5	<0.5	<0.5	<0.5
	08/03/99	NLPH	6.05	5.56	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	12/03/99	NLPH	5.32	6.29	<50	<2	<0.5	<0.5	<0.5	0.57 c
	02/29/00	NLPH	7.10	4.51	<50	<2	<0.5	<0.5	<0.5	<0.5
	05/18/00	NLPH	7.84	3.77	<50	9.7	<0.5	<0.5	<0.5	<0.5
	07/24/00	NLPH	7.94	3.67	<50	17	<0.5	<0.5	<0.5	<0.5
	10/09/00	NLPH	8.09	3.52	<50	13	<0.5	<0.5	<0.5	1.1
	01/10/01	NLPH	7.89	3.72	<50	11	<0.5	<0.5	<0.5	0.5
	04/10/01	NLPH	8.71	2.90	<50	44	<0.5	0.78	0.52	2.36
	07/12/01	NLPH	--	--	<50	28	<0.5	<0.5	<0.5	<0.5
	8/17/01 e	---	---	---	---	---	---	---	---	---
	10/11/01	NLPH	8.15	3.46	<50	30	<0.5	<0.5	<0.5	<0.5
(11.59)	Nov-01	Well surveyed in compliance with AB2886 requirements.								
	01/11/02	NLPH	7.48	4.11	<50.0	20.5 f	<0.50	<0.50	<0.50	<0.50
	04/12/02	**NLPH**	**7.68**	**3.91**	**<50.0**	**32.8**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW9I	11/02/95	NLPH	6.04	4.07	<50	<10	<0.5	<0.5	<0.5	<0.5
(10.11)	04/26/96	NLPH	5.27	4.84	<50	99	<0.5	<0.5	<0.5	<0.5
	08/22/96	NLPH	5.66	4.45	<50	170	<0.5	<0.5	<0.5	<0.5
	02/24/97	NLPH	5.24	4.87	120	9,100	<0.5	<0.5	<0.5	<0.5
	03/16/98	NLPH	4.91	5.20	<200	59,000	13	<2.0	<2.0	<2.0

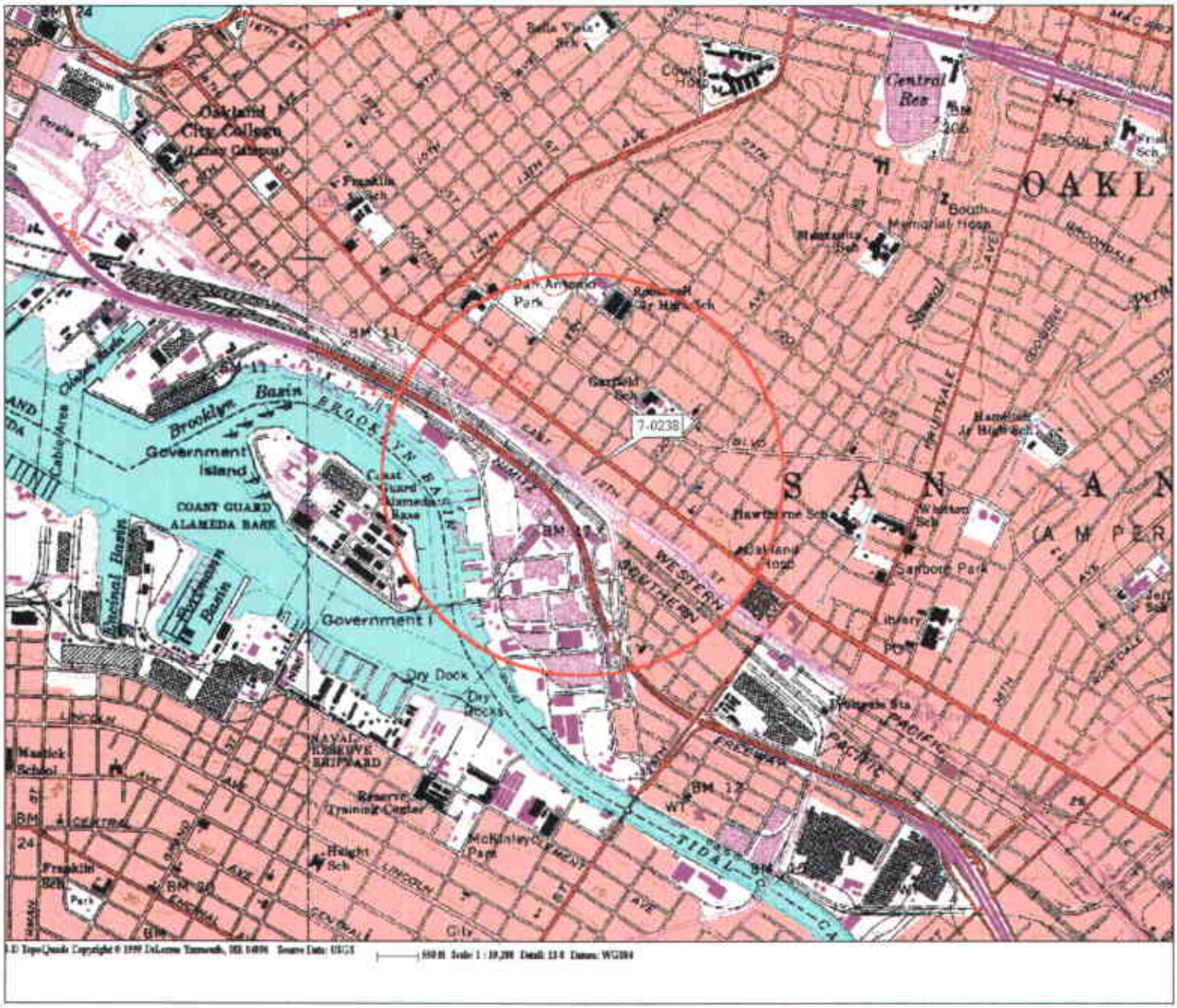
TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0238
2200 East 12th Street
Oakland, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	MTBE	B	T	E	X
		<.....feet.....>			<.....ug/L.....>					
MW9I (cont.)	04/21/98	NLPH	5.08	5.03	<500	59,000	<5.0	<5.0	<5.0	<5.0
(13.14)	07/22/98	NLPH	5.44	7.70	<500	62,000	<5.0	<5.0	<5.0	<5.0
	12/22/98	NLPH	5.32	7.82	200	51,000	1.7	<0.5	<0.5	<0.5
	02/26/99	NLPH	4.71	8.43	<500	9,700	<5.0	<5.0	<5.0	<5.0
	05/18/99	NLPH	5.30	7.84	<1,000	3,730	<10	<10	<10	<10
	08/03/99	NLPH	5.98	7.16	<50	21,900	<0.5	0.650	<0.5	<0.5
	12/03/99	NLPH	5.31	7.83	<250	2,000	3.9	2.9	<2.5	14
	02/29/00	NLPH	4.20	8.94	50	16,000	0.74	<0.5	<0.5	<0.5
	05/18/00	NLPH	5.12	8.02	<50	2,900	<0.5	<0.5	<0.5	<0.5
	07/24/00	NLPH	5.41	7.73	<250	43,000	<2.5	<2.5	<2.5	<2.5
	10/09/00	NLPH	5.41	7.73	<2,500	54,000	1.6	<0.5	<0.5	<0.5
	01/10/01	NLPH	5.24	7.90	<250	36,000	<2.5	<2.5	<2.5	<2.5
	04/10/01	NLPH	4.84	8.30	<50	4,800	<0.5	<0.5	<0.5	<0.5
	07/12/01	NLPH	---	---	<50	8,400	<0.5	<0.5	<0.5	<0.5
	08/17/01	---	6.49	6.65	---	---	---	---	---	---
	10/11/01	NLPH	5.64	7.50	<250	38,000	<2.5	<2.5	<2.5	<2.5
(13.13)	Nov-01	Well surveyed in compliance with AB2886 requirements.								
	01/11/02	NLPH	4.80	8.33	1,330 f	5,400 f	4.80 f	<0.50	<0.50	<0.50
	04/12/02	**NLPH**	**5.22**	**7.91**	**1,460**	**1,480**	**<0.50**	**<0.50**	**<0.50**	**<0.50**

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0238
2200 East 12th Street
Oakland, California

Notes:

SUBJ	=	Results of subjective evaluation.
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 surface; relative to mean sea level.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified).
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
<	=	Less than the indicated detection limit shown by the laboratory.
---	=	Not measured or sampled.
ug/L	=	Micrograms per liter.
a	=	MTBE confirmed using EPA Method 8260.
b	=	Miscalculation in field. Field technician may have inadvertently monitored and sampled the wrong well. Resampled 5/27/99.
c	=	Analyte detected in the trip blank and/or bailer blank.
d	=	Due to measurement error during initial sampling event, DTW was re-measured on August 17, 2001. No samples were taken.
e	=	Well inaccessible due to uncontrollable traffic conditions.
f	=	Samples collected after fourth quarter 2001 analyzed by Test America, Inc. Reported concentrations may be affected by differing laboratory quantitation methods.



FN 2293TOPO

EXPLANATION

1/2-mile radius circle

N

APPROXIMATE SCALE

0 0.5 1 mile

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

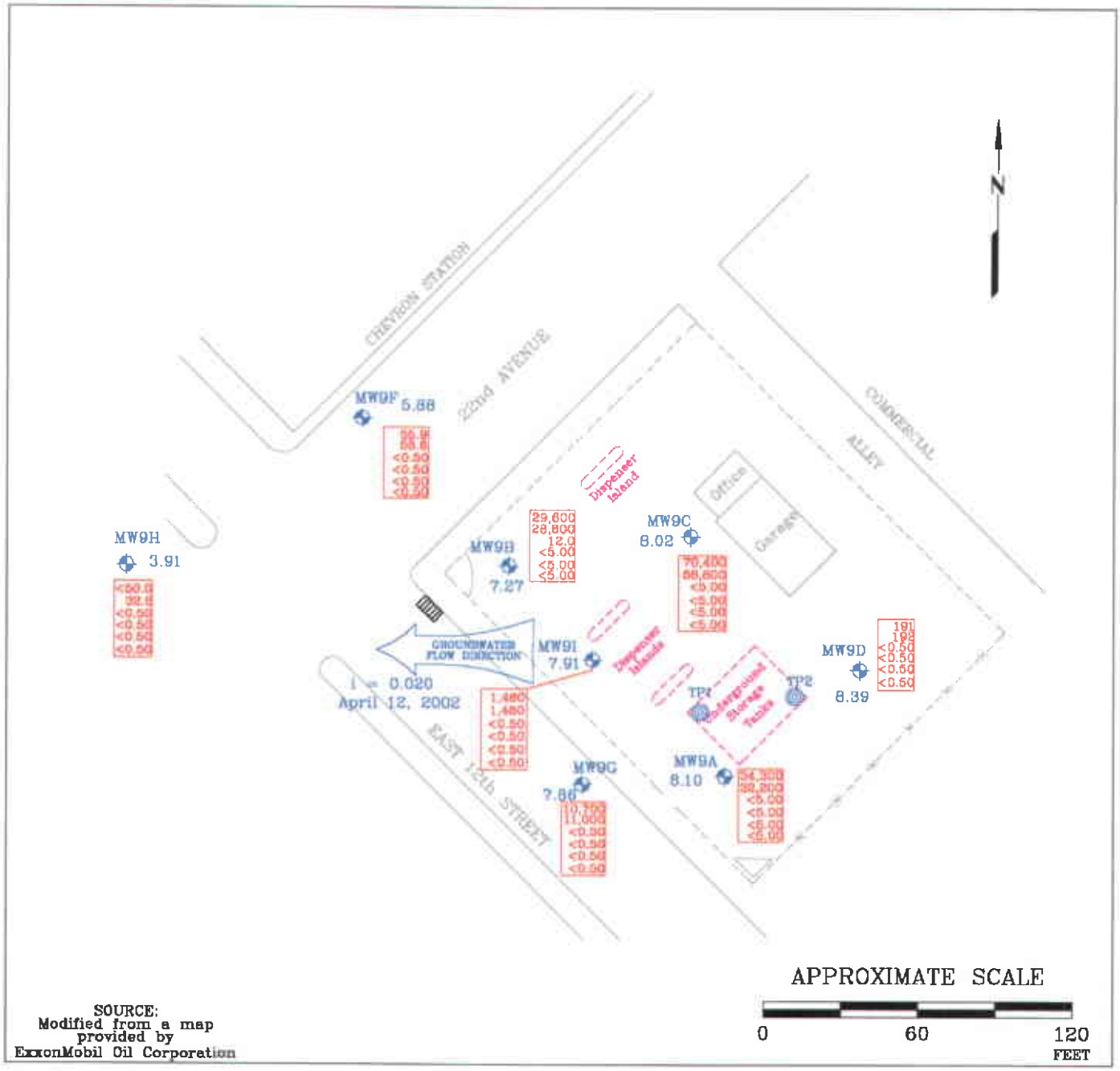
ENVIRONMENTAL RESOLUTIONS, INC.

SITE VICINITY MAP

FORMER EXXON SERVICE STATION 7-0238
2200 East 12th Street
Oakland, California

PROJECT NO. 2293

PLATE 1



SOURCE:
Modified from a map provided by ExxonMobil Oil Corporation

FN 22930002

EXPLANATION

MW9I
Groundwater Monitoring Well

7.91 Groundwater elevation in feet; datum is mean sea level

TP2
UST Observation Well

i = Interpreted Hydraulic Gradient

Analyte Concentrations in ug/L
Sampled April 12, 2002

70,400	Total Petroleum Hydrocarbons as gasoline
88,800	Methyl Tertiary Butyl Ether
<5.00	Benzene
<5.00	Toluene
<5.00	Ethylbenzene
<5.00	Total Xylenes

< Less Than the Stated Laboratory Reporting Limit
ug/L Micrograms per Liter

ENVIRONMENTAL RESOLUTIONS, INC.

GENERALIZED SITE PLAN

FORMER EXXON SERVICE STATION 7-0238
2200 East 12th Street
Oakland, California

PROJECT NO.
2293

PLATE
2

ATTACHMENT A

GROUNDWATER SAMPLING PROTOCOL

GROUNDWATER SAMPLING PROTOCOL

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

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

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

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

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

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

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

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

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

ATTACHMENT B

LABORATORY ANALYSIS REPORT AND CHAIN-OF-CUSTODY RECORD

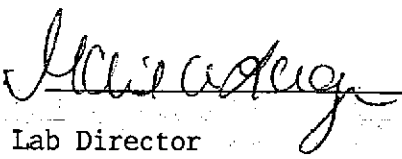
TestAmerica
INCORPORATED

4/24/02

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

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project 229313X EXXON 7-0238. The Laboratory Project number is 280364. An executed copy of the chain of custody and the sample receipt form are also included as an addendum to this report.

Sample Identification	Lab Number	Collection Date
BB	02-A60452	4/12/02
MW-9A	02-A60453	4/12/02
MW-9B	02-A60454	4/12/02
MW-9C	02-A60455	4/12/02
MW-9D	02-A60456	4/12/02
MW-9F	02-A60457	4/12/02
MW-9G	02-A60458	4/12/02
MW-9H	02-A60459	4/12/02
MW-9I	02-A60460	4/12/02

Report Approved By:  Report Date: 4/24/02

Laboratory Certification Number: 01168CA

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

Project: 229313X
Project Name: EXXON 7-0238
Sampler: STEVE BURKE

Lab Number: 02-A60452
Sample ID: BB
Sample Type: Water
Site ID:

Date Collected: 4/12/02
Time Collected: 10:40
Date Received: 4/16/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/l	0.50	1	4/23/02	19:21	D.Ramey	8021B	7507
Ethylbenzene	ND	ug/l	0.50	1	4/23/02	19:21	D.Ramey	8021B	7507
Toluene	0.70	ug/l	0.50	1	4/23/02	19:21	D.Ramey	8021B	7507
Xylenes (Total)	ND	ug/l	0.50	1	4/23/02	19:21	D.Ramey	8021B	7507
Methyl-t-butylether	ND	ug/l	0.50	1	4/23/02	19:21	D.Ramey	8021B	7507
TPH (Gasoline Range)	ND	ug/l	50.0	1	4/23/02	19:21	D.Ramey	8015B/5030	7507

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	101.	67. - 135.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

Project: 229313X
Project Name: EXXON 7-0238
Sampler: STEVE BURKE

Lab Number: 02-A60453
Sample ID: MW-9A
Sample Type: Water
Site ID:

Date Collected: 4/12/02
Time Collected: 14:15
Date Received: 4/16/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/l	5.00	10	4/23/02	19:50	D.Ramey	8021B	7507
Ethylbenzene	ND	ug/l	5.00	10	4/23/02	19:50	D.Ramey	8021B	7507
Toluene	ND	ug/l	5.00	10	4/23/02	19:50	D.Ramey	8021B	7507
Xylenes (Total)	ND	ug/l	5.00	10	4/23/02	19:50	D.Ramey	8021B	7507
Methyl-t-butylether	32200	ug/l	250.	500	4/24/02	11:34	D.Ramey	8021B	97
TPH (Gasoline Range)	34300	ug/l	25000	500	4/24/02	11:34	D.Ramey	8015B/5030	97

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	103.	67. - 135.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

Project: 229313X
Project Name: EXXON 7-0238
Sampler: STEVE BURKE

Lab Number: 02-A60454
Sample ID: MW-9B
Sample Type: Water
Site ID:

Date Collected: 4/12/02
Time Collected: 14:05
Date Received: 4/16/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	12.0	ug/l	5.00	10	4/23/02	20:18	D.Ramey	8021B	7507
Ethylbenzene	ND	ug/l	5.00	10	4/23/02	20:18	D.Ramey	8021B	7507
Toluene	ND	ug/l	5.00	10	4/23/02	20:18	D.Ramey	8021B	7507
Xylenes (Total)	ND	ug/l	5.00	10	4/23/02	20:18	D.Ramey	8021B	7507
Methyl-t-butylether	28600	ug/l	250.	500	4/24/02	12:02	D.Ramey	8021B	97
TPH (Gasoline Range)	29600	ug/l	25000	500	4/24/02	12:02	D.Ramey	8015B/5030	97

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	101.	67. - 135.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

Project: 229313X
Project Name: EXXON 7-0238
Sampler: STEVE BURKE

Lab Number: 02-A60455
Sample ID: MW-9C
Sample Type: Water
Site ID:

Date Collected: 4/12/02
Time Collected: 14:30
Date Received: 4/16/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/l	5.00	10	4/23/02	20:46	D.Ramey	8021B	7507
Ethylbenzene	ND	ug/l	5.00	10	4/23/02	20:46	D.Ramey	8021B	7507
Toluene	ND	ug/l	5.00	10	4/23/02	20:46	D.Ramey	8021B	7507
Xylenes (Total)	ND	ug/l	5.00	10	4/23/02	20:46	D.Ramey	8021B	7507
Methyl-t-butylether	66800	ug/l	250.	500	4/24/02	12:30	D.Ramey	8021B	97
TPH (Gasoline Range)	70400	ug/l	25000	500	4/24/02	12:30	D.Ramey	8015B/5030	97

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	102.	67. - 135.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

Project: 229313X
Project Name: EXXON 7-0238
Sampler: STEVE BURKE

Lab Number: 02-A60456
Sample ID: MW-9D
Sample Type: Water
Site ID:

Date Collected: 4/12/02
Time Collected: 13:20
Date Received: 4/16/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/l	0.50	1	4/23/02	21:14	D.Ramey	8021B	7507
Ethylbenzene	ND	ug/l	0.50	1	4/23/02	21:14	D.Ramey	8021B	7507
Toluene	ND	ug/l	0.50	1	4/23/02	21:14	D.Ramey	8021B	7507
Xylenes (Total)	ND	ug/l	0.50	1	4/23/02	21:14	D.Ramey	8021B	7507
Methyl-t-butylether	192.	ug/l	0.50	1	4/23/02	21:14	D.Ramey	8021B	7507
TPH (Gasoline Range)	191.	ug/l	50.0	1	4/23/02	21:14	D.Ramey	8015B/5030	7507

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	107.	67. - 135.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

Project: 229313X
Project Name: EXXON 7-0238
Sampler: STEVE BURKE

Lab Number: 02-A60457
Sample ID: MW-9F
Sample Type: Water
Site ID:

Date Collected: 4/12/02
Time Collected: 13:30
Date Received: 4/16/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/l	0.50	1	4/23/02	21:42	D.Ramey	8021B	7507
Ethylbenzene	ND	ug/l	0.50	1	4/23/02	21:42	D.Ramey	8021B	7507
Toluene	ND	ug/l	0.50	1	4/23/02	21:42	D.Ramey	8021B	7507
Xylenes (Total)	ND	ug/l	0.50	1	4/23/02	21:42	D.Ramey	8021B	7507
Methyl-t-butylether	58.6	ug/l	0.50	1	4/23/02	21:42	D.Ramey	8021B	7507
TPH (Gasoline Range)	55.9	ug/l	50.0	1	4/23/02	21:42	D.Ramey	8015B/5030	7507

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	101.	67. - 135.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

Project: 229313X
Project Name: EXXON 7-0238
Sampler: STEVE BURKE

Lab Number: 02-A60458
Sample ID: MW-9G
Sample Type: Water
Site ID:

Date Collected: 4/12/02
Time Collected: 13:50
Date Received: 4/16/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/l	0.50	1	4/23/02	23:10	D.Ramey	8021B	7507
Ethylbenzene	ND	ug/l	0.50	1	4/23/02	23:10	D.Ramey	8021B	7507
Toluene	ND	ug/l	0.50	1	4/23/02	23:10	D.Ramey	8021B	7507
Xylenes (Total)	ND	ug/l	0.50	1	4/23/02	23:10	D.Ramey	8021B	7507
Methyl-t-butylether	11000	ug/l	50.0	100	4/24/02	12:58	D.Ramey	8021B	97
TPH (Gasoline Range)	10700	ug/l	5000	100	4/24/02	12:58	D.Ramey	8015B/5030	97

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	101.	67. - 135.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

Project: 229313X
Project Name: EXXON 7-0238
Sampler: STEVE BURKE

Lab Number: 02-A60459
Sample ID: MW-9H
Sample Type: Water
Site ID:

Date Collected: 4/12/02
Time Collected: 10:45
Date Received: 4/16/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/l	0.50	1	4/24/02	13:26	D.Ramey	8021B	97
Ethylbenzene	ND	ug/l	0.50	1	4/24/02	13:26	D.Ramey	8021B	97
Toluene	ND	ug/l	0.50	1	4/24/02	13:26	D.Ramey	8021B	97
Xylenes (Total)	ND	ug/l	0.50	1	4/24/02	13:26	D.Ramey	8021B	97
Methyl-t-butylether	32.8	ug/l	0.50	1	4/24/02	13:26	D.Ramey	8021B	97
TPH (Gasoline Range)	ND	ug/l	50.0	1	4/24/02	13:26	D.Ramey	8015B/5030	97

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	103.	67. - 135.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

Project: 229313X
Project Name: EXXON 7-0238
Sampler: STEVE BURKE

Lab Number: 02-A60460
Sample ID: MW-9I
Sample Type: Water
Site ID:

Date Collected: 4/12/02
Time Collected: 13:55
Date Received: 4/16/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/l	0.50	1	4/24/02	0:09	D.Ramey	8021B	7507
Ethylbenzene	ND	ug/l	0.50	1	4/24/02	0:09	D.Ramey	8021B	7507
Toluene	ND	ug/l	0.50	1	4/24/02	0:09	D.Ramey	8021B	7507
Xylenes (Total)	ND	ug/l	0.50	1	4/24/02	0:09	D.Ramey	8021B	7507
Methyl-t-butylether	1480	ug/l	5.00	10	4/24/02	13:54	D.Ramey	8021B	97
TPH (Gasoline Range)	1460	ug/l	500.	10	4/24/02	13:54	D.Ramey	8015B/5030	97

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	101.	67. - 135.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

PROJECT QUALITY CONTROL DATA
Project Number: 229313X
Page: 1

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSIS								
Benzene	mg/l	< 0.0005	0.0496	0.0500	99	82. - 125.	97	BLANK
Benzene	mg/l	< 0.0005	0.0481	0.0500	96	82. - 125.	7507	BLANK
Toluene	mg/l	< 0.00050	0.04820	0.05000	96	77. - 121.	97	BLANK
Toluene	mg/l	< 0.00050	0.04680	0.05000	94	77. - 121.	7507	BLANK
Ethylbenzene	mg/l	< 0.00050	0.05060	0.05000	101	76. - 128.	97	BLANK
Ethylbenzene	mg/l	< 0.00050	0.04830	0.05000	97	76. - 128.	7507	BLANK
Xylenes (Total)	mg/l	< 0.00050	0.09570	0.1000	96	79. - 125.	97	BLANK
Xylenes (Total)	mg/l	< 0.00050	0.09180	0.1000	92	79. - 125.	7507	BLANK
Methyl-t-butylether	mg/l	< 0.00050	0.05110	0.05000	102	71. - 128.	97	BLANK
Methyl-t-butylether	mg/l	< 0.00050	0.04370	0.05000	87	71. - 128.	7507	BLANK
TPH (Gasoline Range)	mg/l	< 0.0500	0.904	1.00	90	72. - 126.	97	BLANK
TPH (Gasoline Range)	mg/l	< 0.0500	0.904	1.00	90	72. - 126.	7507	BLANK
BTEX/GRO Surr., a,a,a-TFT	% Recovery				99	67. - 135.	97	
BTEX/GRO Surr., a,a,a-TFT	% Recovery				99	67. - 135.	7507	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.0496	0.0497	0.20	13.	97
Benzene	mg/l	0.0481	0.0480	0.21	13.	7507
Toluene	mg/l	0.04820	0.04830	0.21	13.	97
Toluene	mg/l	0.04680	0.04640	0.86	13.	7507
Ethylbenzene	mg/l	0.05060	0.05060	0.00	13.	97
Ethylbenzene	mg/l	0.04830	0.04810	0.41	13.	7507
Xylenes (Total)	mg/l	0.09570	0.09590	0.21	13.	97
Xylenes (Total)	mg/l	0.09180	0.09160	0.22	13.	7507
Methyl-t-butylether	mg/l	0.05110	0.05120	0.20	12.	97
Methyl-t-butylether	mg/l	0.04370	0.04940	12.24#	12.	7507

Project QC continued . . .

PROJECT QUALITY CONTROL DATA
Project Number: 229313X
Page: 2

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
TPH (Gasoline Range)	mg/l	0.904	0.895	1.00	20.	97
TPH (Gasoline Range)	mg/l	0.904	0.895	1.00	20.	7507
BTEX/GRO Surr., a,a,a-TFT	% Recovery		97.			97
BTEX/GRO Surr., a,a,a-TFT	% Recovery		96.			7507

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.1000	0.0913	91	82 - 122	97
Benzene	mg/l	0.1000	0.0913	91	82 - 122	7507
Toluene	mg/l	0.1000	0.08740	87	77 - 119	97
Toluene	mg/l	0.1000	0.08740	87	77 - 119	7507
Ethylbenzene	mg/l	0.1000	0.09100	91	76 - 125	97
Ethylbenzene	mg/l	0.1000	0.09100	91	76 - 125	7507
Xylenes (Total)	mg/l	0.2000	0.1716	86	73 - 123	97
Xylenes (Total)	mg/l	0.2000	0.1716	86	73 - 123	7507
Methyl-t-butylether	mg/l	0.1000	0.08840	88	71 - 126	97
Methyl-t-butylether	mg/l	0.1000	0.08840	88	71 - 126	7507
TPH (Gasoline Range)	mg/l	1.00	0.904	90	75 - 126	97
TPH (Gasoline Range)	mg/l	1.00	0.905	90	75 - 126	7507
BTEX/GRO Surr., a,a,a-TFT	% Recovery			93	67 - 135	97
BTEX/GRO Surr., a,a,a-TFT	% Recovery			93	67 - 135	7507

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
Benzene	< 0.0005	mg/l	7507	4/23/02	18:25

Project QC continued . . .

TestAmerica
INCORPORATED

ROJECT QUALITY CONTROL DATA
roject Number: 229313X
ge: 3

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Benzene	< 0.0005	mg/l	97	4/24/02	3:27
Toluene	< 0.00050	mg/l	7507	4/23/02	18:25
Toluene	< 0.00050	mg/l	97	4/24/02	3:27
Ethylbenzene	< 0.00050	mg/l	7507	4/23/02	18:25
Ethylbenzene	< 0.00050	mg/l	97	4/24/02	3:27
Xylenes (Total)	< 0.00050	mg/l	7507	4/23/02	18:25
Xylenes (Total)	< 0.00050	mg/l	97	4/24/02	3:27
Methyl-t-butylether	< 0.00050	mg/l	7507	4/23/02	18:25
Methyl-t-butylether	< 0.00050	mg/l	97	4/24/02	3:27
TPH (Gasoline Range)	< 0.0500	mg/l	7507	4/23/02	18:25
TPH (Gasoline Range)	< 0.0500	mg/l	97	4/24/02	3:27

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
BTEX/GRO Surr., a,a,a-TFT	103.	% Recovery	7507	4/23/02	18:25
BTEX/GRO Surr., a,a,a-TFT	102.	% Recovery	97	4/24/02	3:27

- Value outside Laboratory historical or method prescribed QC limits.

d of Report for Project 280364

TESTAMERICA, INC.

COOLER RECEIPT FORM

Client: ERI BC# 280364

Cooler Received On: 9/16/02 And Opened On: 9/16/02 By: Mark Beasley

M. Beasley
(Signature)

1. Temperature of Cooler when opened 3.0 DEGREES CELSIUS
2. Were custody seals on outside of cooler and intact? ...YES NO
   a. If yes,what kind and where: TAPE 1 Front
   b. Were the signature and date correct? ...YES NO
3. Were custody seals on containers intact? ...YES NO
4. Were custody papers inside cooler? ...YES NO
5. Were custody papers properly filled out (ink,signed,etc)? ...YES NO
6. Did you sign the custody papers in the appropriate place? ...YES NO
7. What kind of packing material was used? Bubblewrap Peanuts Other None
8. Was sufficient ice used (if appropriate)? ...YES NO
9. Did all bottles arrive in good condition(unbroken)? ...YES NO
10. Were all bottle labels complete (#,date,signed,pres,etc)? ...YES NO
11. Did all bottle labels and tags agree with custody papers? ...YES NO
12. Were correct bottles used for the analysis requested? ...YES NO
13. If present, was any observable VOA headspace present? ...YES NO
14. If present, were VOA vials checked for absence of air bubbles and noted if found? ...YES NO
15. Was sufficient amount of sample sent in each bottle? ...YES NO
16. Were correct preservatives used? ...YES NO
17. Was residual chlorine present (if appropriate?) ...YES NO
18. Corrective action taken, if necessary:
    a. Name of person contacted: SEE ATTACHED FOR RESOLUTION IF NEEDED
    b. Date:

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED

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

280364

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 73 Digital Drive, Suite 100
City/State/Zip: Novato, California 94949
Project Manager: Paula Sime
Telephone Number: (415) 382-9105
ERI Job Number: 229313X
Sampler Name: (Print) Steve Burke
Sampler Signature: Steve Burke

ExxonMobil Engineer: Gene N. Ortega
Telephone Number: (925) 246-8747
Account #: 3876
PO #: 4501667113
Facility ID #: 70238
Global ID#: T0600101343
Site Address: 2200 East 12th Street
City, State Zip: Oakland, California

☐ Lab Courier ☐ Hand Deliver ☑ Commercial Express ☐ Other:

TAT
☐ 24 hour ☐ 72 hour
☐ 48 hour ☐ 96 hour
☑ 8 day

PROVIDE: EDF Report, FAX Results

Special Instructions:

Sample ID / Description		DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Soil	Vapor	Analyze For: TPHd 8015	TPHg 8015 M	BTEX 8020	MTBE 8020	Confirm MTBE 8260	TBA 8260	VOCs 8260
BB	60452	4/12/02	1040		X	HCl	4 VOAs	X				X	X	X			
MW9A	53		1415		X	HCl	4 VOAs	X				X	X	X			
MA9B	54		1405		X	HCl	4 VOAs	X				X	X	X			
MW9C	55		1430		X	HCl	4 VOAs	X				X	X	X			
MW9D	56		1320		X	HCl	4 VOAs	X				X	X	X			
MW9F	57		1330		X	HCl	4 VOAs	X				X	X	X			
MW9G	58		1350		X	HCl	4 VOAs	X				X	X	X			
MW9H	59		1045		X	HCl	4 VOAs	X				X	X	X			
MW9I	60460	↓	1355		X	HCl	4 VOAs	X				X	X	X			

Relinquished by: Steve Burke Date 4/12/02 Time Received by: Time

Relinquished by: John W. Parker Date 4/15/02 Time 1400 Received by TestAmerica: M. Carl 4/16/02 9:00 Time

Laboratory Comments:
Temperature Upon Receipt: 3.0
Sample Containers Intact?
VOAs Free of Headspace?