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Gene N. Ortega
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RO390

ExxonMobil
Refining & Supply

March 24, 2003

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, First Quarter 2003,*** dated March 24, 2003, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Novato, California, and details quarterly groundwater monitoring and sampling activities at the subject site.

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

Sincerely,

Gene N. Ortega
Territory Manager

Attachment: ERI's Quarterly Groundwater Monitoring Report, First Quarter 2003, dated March 24, 2003

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.

March 24, 2003
ERI 229313.R19

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

Subject: Quarterly Groundwater Monitoring Report, First Quarter 2003, Former Exxon Service Station 7-0238, 2200 East 12th Street, Oakland, California.

Mr. Ortega:

At the request of ExxonMobil Oil Corporation (ExxonMobil), Environmental Resolutions, Inc. (ERI) performed first quarter 2003 groundwater monitoring and sampling 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 January 10, 2003, 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); 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* (CAP), dated September 19, 2001. ERI's CAP was approved by the Alameda County Health Care Services Agency (the County) in a letter dated June 3, 2002.

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 spring 2003. The DPE system will use 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 (GAC) 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 second quarter 2003 monitoring and sampling event is scheduled for April 2003.

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

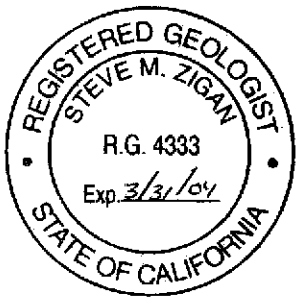
LIMITATIONS

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



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

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	Oxygenates
		<	feet	>			µg/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	---
	07/12/02	NLPH	6.64	7.87	6,760	8,070	<0.5	<0.5	<0.5	<0.5	---
	10/11/02	NLPH	6.76	7.75	2,420	2,860/3,040 a	<0.5	<0.5	<0.5	<0.5	ND
	01/10/03	**NLPH**	**5.90**	**8.61**	**38,800**	**51,900**	**103**	**15.0**	**<5.0**	**13.0**	**---**
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	---

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	Oxygenates
		<	feet	>			µg/L				
MW9B (cont.)	02/26/99	NLPH	5.10	7.73	8,800	8,000	2,000	<25	52	38	---
(12.83)	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	---
	02/29/00	NLPH	4.61	8.22	3,100	25,000	900	7	23	7.1	---
	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	---
	07/12/02	NLPH	5.81	7.03	20,200	27,700	<10.0	14.0	<10.0	16.0	---
	10/11/02 g	NLPH	5.91	6.93	18,900	24,300/28,200 a	2.3	<0.5	<0.5	<0.5	ND
	01/10/03	**NLPH**	**5.09**	**7.75**	**14,900**	**18,600**	**118**	**1.0**	**6.5**	**3.6**	**---**
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	---

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	Oxygenates
		<....feet....>			....µg/L....						
MW9C (cont.)	01/10/01	NLPH	6.09	8.10	<250	42,000	<2.5	<2.5	<2.5	<2.5	---
(14.19)	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	---
	07/12/02	NLPH	6.54	7.62	50,900	58,300	<500	<500	<500	<500	---
	10/11/02	NLPH	6.73	7.43	52,100	58,800/76,000 a	<10.0	<10.0	<10.0	<10.0	34.3 h
	01/10/03	**NLPH**	**5.21**	**8.95**	**40,600**	**55,500**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**---**
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	---

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	Oxygenates
		<	feet	>			µg/L				
MW9D (cont.)	07/12/02	NLPH	8.01	7.96	108	124	<0.5	<0.5	<0.5	<0.5	---
(15.97)	10/11/02	NLPH	8.13	7.84	187	243	<0.5	<0.5	<0.5	<0.5	i
	01/10/03	**NLPH**	**5.98**	**9.99**	**386**	**132**	**4.1**	**<0.5**	**<0.5**	**<0.5**	**---**
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	---
	12/03/99	NLPH	5.59	5.79	<50	<2	<0.5	<0.5	0.71	<0.5	---
	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	---
	07/12/02	NLPH	5.65	5.73	102	121	<0.5	<0.5	<0.5	<0.5	---
	10/11/02	NLPH	5.67	5.71	99.9	128/138 a	<0.5	<0.5	<0.5	<0.5	ND
	01/10/03	**NLPH**	**5.09**	**6.29**	**<50.0**	**45.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**---**
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	---

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	Oxygenates
		<	feet	>			µg/L				
MW9G (cont.)	02/24/97	NLPH	5.30	4.65	<50	240	<0.5	0.57	<0.5	0.62	---
(9.95)	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	---	---	---	---	---	---	---	---	---	---
	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	---
	07/12/02	NLPH	5.31	7.67	2,310	3,140	<0.5	<0.5	<0.5	<0.5	---
	10/11/02	NLPH	5.39	7.59	1,630	2,040/2,090 a	<0.5	<0.5	<0.5	<0.5	ND
	01/10/03	**NLPH**	**4.90**	**8.08**	**367**	**566**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	---
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	---

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	Oxygenates
		<	feet	>			µg/L				
MW9H (cont.)	05/18/99	NLPH	8.00	3.61	<50	3.98	<0.5	<0.5	<0.5	<0.5	---
(11.61)	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	---
	07/12/02	NLPH	8.06	3.53	<50.0	34.6	<0.5	<0.5	<0.5	<0.5	---
	10/11/02	NLPH	7.83	3.76	<50.0	33.1/28.7 a	<0.5	<0.5	<0.5	<0.5	ND
	01/10/03	**NLPH**	**7.39**	**4.20**	**<50.0**	**16.0**	**0.5**	**0.8**	**0.6**	**1.8**	**---**
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	---
	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	---

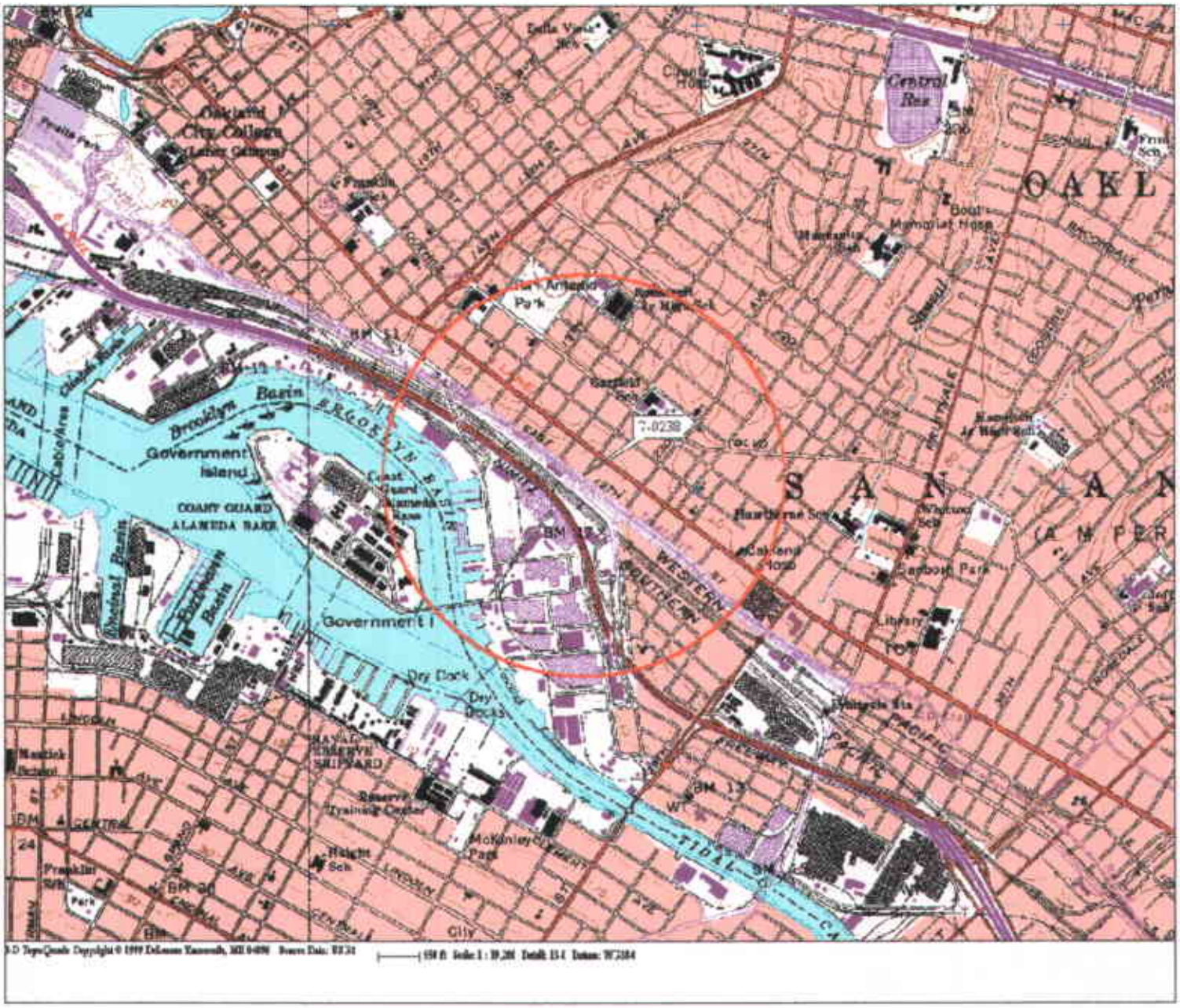
TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0238
2200 East 12th Street
Oakland, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHg	MTBE	B	T	E	X	Oxygenates
		<	feet	>			µg/L				
MW9I (cont.)	04/10/01	NLPH	4.84	8.30	<50	4,800	<0.5	<0.5	<0.5	<0.5	---
(13.14)	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	---
	07/12/02	NLPH	5.50	7.63	4,460	6,490	<0.5	<0.5	<0.5	<0.5	---
	10/11/02	NLPH	5.35	7.78	31,300	37,700/51,000 a	<5.0	<5.0	<5.0	<5.0	24.1 h
	01/10/03	**NLPH**	**4.75**	**8.38**	**4,820**	**6,180**	**9.4**	**0.7**	**1.1**	**1.3**	**---**

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 8015B.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
Oxygenates	=	1,2-dibromoethane, 1,2-dichloroethane, di-isopropyl ether, tertiary butyl alcohol, tertiary amyl methyl ether, and tertiary butyl ethyl ether analyzed usin Method 8260B.
<	=	Less than the indicated detection limit shown by the laboratory.
ND	=	Not detected at or above the laboratory reporting limit. See laboratory analytical report for specific reporting limits.
---	=	Not measured or sampled.
µg/L	=	Micrograms per liter.
a	=	MTBE analyzed using EPA Method 8260B.
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.
g	=	Sample erroneously labeled MA9B on Chain-of-Custody form and laboratory report.
h	=	Tertiary amyl methyl ether.
i	=	Insufficient sample volume to perform oxygenate analyses.



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

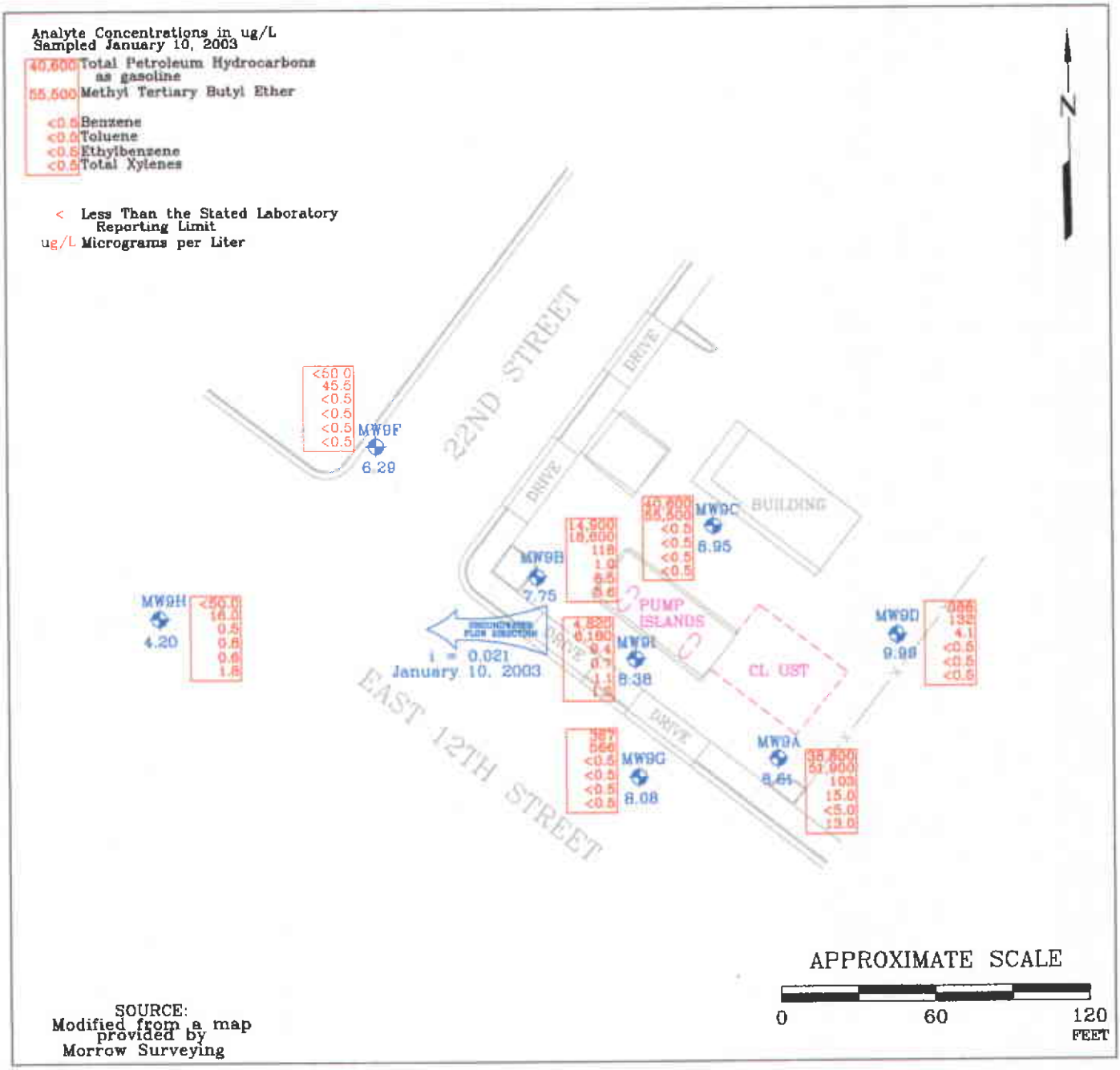
ENVIRONMENTAL RESOLUTIONS, INC.

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 Morrow Surveying

FN: 22930005

EXPLANATION

MW9I
Groundwater Monitoring Well

ENVIRONMENTAL RESOLUTIONS, INC.

GENERALIZED SITE PLAN

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

PROJECT NO. 2293

PLATE 2
Feb. 7, 2003

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

1/21/03

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 EXXONMOBIL 7-0238. The Laboratory Project number is 316336.
An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report.

Sample Identification	Lab Number	Collection Date
MW9A	03-A4682	1/10/03
MA9B	03-A4683	1/10/03
MW9C	03-A4684	1/10/03
MW9D	03-A4685	1/10/03
MW9F	03-A4686	1/10/03
MW9G	03-A4687	1/10/03
MW9H	03-A4688	1/10/03
MW9I	03-A4689	1/10/03

Report Approved By: Roxanne L Connor Report Date: 1/21/03

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: EXXONMOBIL 7-0238
Sampler: MARTY MORELLI

Lab Number: 03-A4682
Sample ID: MW9A
Sample Type: Water
Site ID: 7-0238

Date Collected: 1/10/03
Time Collected: 14:24
Date Received: 1/14/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	103.	ug/L	5.0	10.0	1/16/03	18:32	D.Ramey	8021B	8573
Ethylbenzene	ND	ug/L	5.0	10.0	1/16/03	18:32	D.Ramey	8021B	8573
Toluene	15.0	ug/L	5.0	10.0	1/16/03	18:32	D.Ramey	8021B	8573
Xylenes (Total)	13.0	ug/L	5.0	10.0	1/16/03	18:32	D.Ramey	8021B	8573
Methyl-t-butylether	51900	ug/L	250.	500.	1/18/03	3:28	D.Ramey	8021B	8582
TPH (Gasoline Range)	38800	ug/L	25000	500.	1/18/03	3:28	D.Ramey	8015B	8582

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	105.	69. - 132.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

Project: 229313X
Project Name: EXXONMOBIL 7-0238
Sampler: MARTY MORELLI

Lab Number: 03-A4683
Sample ID: MA9B
Sample Type: Water
Site ID: 7-0238

Date Collected: 1/10/03
Time Collected: 14:31
Date Received: 1/14/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	118.	ug/L	0.5	1.0	1/15/03	19:34	D.Ramey	8021B	4890
Ethylbenzene	6.5	ug/L	0.5	1.0	1/15/03	19:34	D.Ramey	8021B	4890
Toluene	1.0	ug/L	0.5	1.0	1/15/03	19:34	D.Ramey	8021B	4890
Xylenes (Total)	3.6	ug/L	0.5	1.0	1/15/03	19:34	D.Ramey	8021B	4890
Methyl-t-butylether	18600	ug/L	100.	200.	1/16/03	19:36	D.Ramey	8021B	8573
TPH (Gasoline Range)	14900	ug/L	10000	200.	1/16/03	19:36	D.Ramey	8015B	8573

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	103.	69. - 132.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

Project: 229313X
Project Name: EXXONMOBIL 7-0238
Sampler: MARTY MORELLI

Lab Number: 03-A4684
Sample ID: MW9C
Sample Type: Water
Site ID: 7-0238

Date Collected: 1/10/03
Time Collected: 14:49
Date Received: 1/14/03
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	0.5	1.0	1/16/03	11:39	D.Ramey	8021B	6869
Ethylbenzene	ND	ug/L	0.5	1.0	1/16/03	11:39	D.Ramey	8021B	6869
Toluene	ND	ug/L	0.5	1.0	1/16/03	11:39	D.Ramey	8021B	6869
Xylenes (Total)	ND	ug/L	0.5	1.0	1/16/03	11:39	D.Ramey	8021B	6869
Methyl-t-butylether	55500	ug/L	250.	500.	1/18/03	14:04	D.Ramey	8021B	8149
TPH (Gasoline Range)	40600	ug/L	2500	50.0	1/18/03	5:35	D.Ramey	8015B	8146

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	104.	69. - 132.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

Project: 229313X
Project Name: EXXONMOBIL 7-0238
Sampler: MARTY MORELLI

Lab Number: 03-A4685
Sample ID: MW9D
Sample Type: Water
Site ID: 7-0238

Date Collected: 1/10/03
Time Collected: 14:11
Date Received: 1/14/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	4.1	ug/L	0.5	1.0	1/18/03	6:06	D.Ramey	8021B	8146
Ethylbenzene	ND	ug/L	0.5	1.0	1/18/03	6:06	D.Ramey	8021B	8146
Toluene	ND	ug/L	0.5	1.0	1/18/03	6:06	D.Ramey	8021B	8146
Xylenes (Total)	ND	ug/L	0.5	1.0	1/18/03	6:06	D.Ramey	8021B	8146
Methyl-t-butylether	132.	ug/L	0.5	1.0	1/18/03	6:06	D.Ramey	8021B	8146
TPH (Gasoline Range)	386.	ug/L	50.0	1.0	1/18/03	6:06	D.Ramey	8015B	8146

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	108.	69. - 132.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

Project: 229313X
Project Name: EXXONMOBIL 7-0238
Sampler: MARTY MORELLI

Lab Number: 03-A4686
Sample ID: MW9F
Sample Type: Water
Site ID: 7-0238

Date Collected: 1/10/03
Time Collected: 11:41
Date Received: 1/14/03
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	0.5	1.0	1/16/03	15:28	D.Ramey	8021B	6869
Ethylbenzene	ND	ug/L	0.5	1.0	1/16/03	15:28	D.Ramey	8021B	6869
Toluene	ND	ug/L	0.5	1.0	1/16/03	15:28	D.Ramey	8021B	6869
Xylenes (Total)	ND	ug/L	0.5	1.0	1/16/03	15:28	D.Ramey	8021B	6869
Methyl-t-butylether	45.5	ug/L	0.5	1.0	1/16/03	15:28	D.Ramey	8021B	6869
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	1/16/03	15:28	D.Ramey	8015B	6869

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	104.	69. - 132.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

Project: 229313X
Project Name: EXXONMOBIL 7-0238
Sampler: MARTY MORELLI

Lab Number: 03-A4687
Sample ID: MW9G
Sample Type: Water
Site ID: 7-0238

Date Collected: 1/10/03
Time Collected: 11:17
Date Received: 1/14/03
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	0.5	1.0	1/16/03	16:00	D.Ramey	8021B	6869
Ethylbenzene	ND	ug/L	0.5	1.0	1/16/03	16:00	D.Ramey	8021B	6869
Toluene	ND	ug/L	0.5	1.0	1/16/03	16:00	D.Ramey	8021B	6869
Xylenes (Total)	ND	ug/L	0.5	1.0	1/16/03	16:00	D.Ramey	8021B	6869
Methyl-t-butylether	566.	ug/L	2.5	5.0	1/18/03	6:37	D.Ramey	8021B	8146
TPH (Gasoline Range)	367.	ug/L	50.0	1.0	1/16/03	16:00	D.Ramey	8015B	6869

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	105.	69. - 132.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

Lab Number: 03-A4688
Sample ID: MW9H
Sample Type: Water
Site ID: 7-0238

Project: 229313X
Project Name: EXXONMOBIL 7-0238
Sampler: MARTY MORELLI

Date Collected: 1/10/03
Time Collected: 12:17
Date Received: 1/14/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	0.5	ug/L	0.5	1.0	1/16/03	16:35	D.Ramey	8021B	6869
Ethylbenzene	0.6	ug/L	0.5	1.0	1/16/03	16:35	D.Ramey	8021B	6869
Toluene	0.8	ug/L	0.5	1.0	1/16/03	16:35	D.Ramey	8021B	6869
Xylenes (Total)	1.8	ug/L	0.5	1.0	1/16/03	16:35	D.Ramey	8021B	6869
Methyl-t-butylether	16.0	ug/L	0.5	1.0	1/16/03	16:35	D.Ramey	8021B	6869
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	1/16/03	16:35	D.Ramey	8015B	6869

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	105.	69. - 132.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

Lab Number: 03-A4689
Sample ID: MW9I
Sample Type: Water
Site ID: 7-0238

Project: 229313X
Project Name: EXXONMOBIL 7-0238
Sampler: MARTY MORELLI

Date Collected: 1/10/03
Time Collected: 14:41
Date Received: 1/14/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	9.4	ug/L	0.5	1.0	1/16/03	17:18	D.Ramey	8021B	6869
Ethylbenzene	1.1	ug/L	0.5	1.0	1/16/03	17:18	D.Ramey	8021B	6869
Toluene	0.7	ug/L	0.5	1.0	1/16/03	17:18	D.Ramey	8021B	6869
Xylenes (Total)	1.3	ug/L	0.5	1.0	1/16/03	17:18	D.Ramey	8021B	6869
Methyl-t-butylether	6180	ug/L	25.0	50.0	1/18/03	14:35	D.Ramey	8021B	8149
TPH (Gasoline Range)	4820	ug/L	1000	20.0	1/18/03	8:11	D.Ramey	8015B	8146

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	104.	69. - 132.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

PROJECT QUALITY CONTROL DATA
Project Number: 229313X
Project Name: EXXONMOBIL 7-0238
Page: 1
Laboratory Receipt Date: 1/14/03

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for MS/MSD analysis for that method and the method requirements for MS/MSD analysis could not be met.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSIS								
Benzene	mg/l	< 0.0005	0.0516	0.0500	103	74. - 129.	6869	03-A4687
Benzene	mg/l	< 0.0005	0.0446	0.0500	89	74. - 129.	8573	BLANK
Benzene	mg/l	< 0.0005	0.0418	0.0500	84	74. - 129.	8146	BLANK
Toluene	mg/l	< 0.0005	0.0520	0.0500	104	74. - 128.	6869	03-A4687
Toluene	mg/l	< 0.0005	0.0444	0.0500	89	74. - 128.	8573	BLANK
Toluene	mg/l	< 0.0005	0.0418	0.0500	84	74. - 128.	8146	BLANK
Ethylbenzene	mg/l	< 0.0005	0.0512	0.0500	102	75. - 128.	6869	03-A4687
Ethylbenzene	mg/l	< 0.0005	0.0443	0.0500	89	75. - 128.	8573	BLANK
Ethylbenzene	mg/l	< 0.0005	0.0414	0.0500	83	75. - 128.	8146	BLANK
Xylenes (Total)	mg/l	< 0.0005	0.0991	0.100	99	72. - 126.	6869	03-A4687
Xylenes (Total)	mg/l	< 0.0005	0.0902	0.100	90	72. - 126.	8573	BLANK
Xylenes (Total)	mg/l	< 0.0005	0.0845	0.100	84	72. - 126.	8146	BLANK
Methyl-t-butylether	mg/l	< 0.0005	0.0429	0.0500	86	64. - 133.	8573	BLANK
Methyl-t-butylether	mg/l	< 0.0005	0.0410	0.0500	82	64. - 133.	8146	BLANK
TPH (Gasoline Range)	mg/l	< 0.0500	0.966	1.00	97	59. - 128.	6869	blank
TPH (Gasoline Range)	mg/l	< 0.0500	0.995	1.00	100	59. - 128.	8573	BLANK
TPH (Gasoline Range)	mg/l	< 0.0500	0.979	1.00	98	59. - 128.	8146	BLANK
BTEX/GRO Surr., a,a,a-TFT	% Recovery				100	69 - 132	6869	
BTEX/GRO Surr., a,a,a-TFT	% Recovery				99	69 - 132	8573	
BTEX/GRO Surr., a,a,a-TFT	% Recovery				99	69 - 132	8146	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.0786	0.0783	0.38	15.	4890

Project QC continued . . .

TestAmerica
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PROJECT QUALITY CONTROL DATA
Project Number: 229313X
Project Name: EXXONMOBIL 7-0238
Page: 2
Laboratory Receipt Date: 1/14/03

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
Benzene	mg/l	0.0516	0.0523	1.35	15.	6869
Benzene	mg/l	0.0446	0.0469	5.03	15.	8573
Benzene	mg/l	0.0418	0.0437	4.44	15.	8146
Toluene	mg/l	0.0304	0.0309	1.63	15.	4890
Toluene	mg/l	0.0520	0.0531	2.09	15.	6869
Toluene	mg/l	0.0444	0.0465	4.62	15.	8573
Toluene	mg/l	0.0418	0.0437	4.44	15.	8146
Ethylbenzene	mg/l	0.0238	0.0240	0.84	15.	4890
Ethylbenzene	mg/l	0.0512	0.0528	3.08	15.	6869
Ethylbenzene	mg/l	0.0443	0.0465	4.85	15.	8573
Ethylbenzene	mg/l	0.0414	0.0432	4.26	15.	8146
Xylenes (Total)	mg/l	0.0539	0.0545	1.11	19.	4890
Xylenes (Total)	mg/l	0.0991	0.101	1.90	19.	6869
Xylenes (Total)	mg/l	0.0902	0.0940	4.13	19.	8573
Xylenes (Total)	mg/l	0.0845	0.0883	4.40	19.	8146
Methyl-t-butylether	mg/l	0.0429	0.0436	1.62	23.	8573
Methyl-t-butylether	mg/l	0.0410	0.0415	1.21	23.	8146
TPH (Gasoline Range)	mg/l	0.966	0.945	2.20	22.	6869
TPH (Gasoline Range)	mg/l	0.995	0.928	6.97	22.	8573
TPH (Gasoline Range)	mg/l	0.979	0.959	2.06	22.	8146
BTEX/GRO Surr., a,a,a-TFT	% Recovery		100.			6869
BTEX/GRO Surr., a,a,a-TFT	% Recovery		97.			8573
BTEX/GRO Surr., a,a,a-TFT	% Recovery		98.			8146

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.100	0.0854	85	74 - 124	4890

Project QC continued . . .

TestAmerica
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PROJECT QUALITY CONTROL DATA
Project Number: 229313X
Project Name: EXXONMOBIL 7-0238
Page: 3
Laboratory Receipt Date: 1/14/03

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Benzene	mg/l	0.100	0.0899	90	74 - 124	6869
Benzene	mg/l	0.100	0.0815	82	74 - 124	8573
Benzene	mg/l	0.100	0.0831	83	74 - 124	8146
Toluene	mg/l	0.100	0.0835	84	74 - 121	4890
Toluene	mg/l	0.100	0.0908	91	74 - 121	6869
Toluene	mg/l	0.100	0.0798	80	74 - 121	8573
Toluene	mg/l	0.100	0.0815	82	74 - 121	8146
Ethylbenzene	mg/l	0.100	0.0834	83	75 - 123	4890
Ethylbenzene	mg/l	0.100	0.0900	90	75 - 123	6869
Ethylbenzene	mg/l	0.100	0.0798	80	75 - 123	8573
Ethylbenzene	mg/l	0.100	0.0813	81	75 - 123	8146
Xylenes (Total)	mg/l	0.200	0.168	84	72 - 120	4890
Xylenes (Total)	mg/l	0.200	0.175	88	72 - 120	6869
Xylenes (Total)	mg/l	0.200	0.161	80	72 - 120	8573
Xylenes (Total)	mg/l	0.200	0.163	82	72 - 120	8146
Methyl-t-butylether	mg/l	0.100	0.0885	88	64 - 128	6869
Methyl-t-butylether	mg/l	0.100	0.0756	76	64 - 128	8573
Methyl-t-butylether	mg/l	0.100	0.0757	76	64 - 128	8146
Methyl-t-butylether	mg/l	0.100	0.0722	72	64 - 128	8149
Methyl-t-butylether	mg/l	0.100	0.0757	76	64 - 128	8582
TPH (Gasoline Range)	mg/l	1.00	0.966	97	61 - 139	6869
TPH (Gasoline Range)	mg/l	1.00	0.995	100	61 - 139	8573
TPH (Gasoline Range)	mg/l	1.00	0.979	98	61 - 139	8146
TPH (Gasoline Range)	mg/l	1.00	0.979	98	61 - 139	8582
BTEX/GRO Surr., a,a,a-TFT	% Recovery			101	69 - 132	6869
BTEX/GRO Surr., a,a,a-TFT	% Recovery			91	69 - 132	8573
BTEX/GRO Surr., a,a,a-TFT	% Recovery			91	69 - 132	8146
BTEX/GRO Surr., a,a,a-TFT	% Recovery			92	69 - 132	8149
BTEX/GRO Surr., a,a,a-TFT	% Recovery			91	69 - 132	8582

Project QC continued . . .

TestAmerica
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PROJECT QUALITY CONTROL DATA
Project Number: 229313X
Project Name: EXXONMOBIL 7-0238
Page: 4
Laboratory Receipt Date: 1/14/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
Benzene	< 0.0005	mg/l	4890	1/15/03	18:31
Benzene	< 0.0005	mg/l	6869	1/15/03	18:16
Benzene	< 0.0005	mg/l	8573	1/16/03	18:00
Benzene	< 0.0005	mg/l	8146	1/18/03	2:57
Toluene	< 0.0005	mg/l	4890	1/15/03	18:31
Toluene	< 0.0005	mg/l	6869	1/15/03	18:16
Toluene	< 0.0005	mg/l	8573	1/16/03	18:00
Toluene	< 0.0005	mg/l	8146	1/18/03	2:57
Ethylbenzene	< 0.0005	mg/l	4890	1/15/03	18:31
Ethylbenzene	< 0.0005	mg/l	6869	1/15/03	18:16
Ethylbenzene	< 0.0005	mg/l	8573	1/16/03	18:00
Ethylbenzene	< 0.0005	mg/l	8146	1/18/03	2:57
Xylenes (Total)	< 0.0005	mg/l	4890	1/15/03	18:31
Xylenes (Total)	< 0.0005	mg/l	6869	1/15/03	18:16
Xylenes (Total)	< 0.0005	mg/l	8573	1/16/03	18:00
Xylenes (Total)	< 0.0005	mg/l	8146	1/18/03	2:57
Methyl-t-butylether	< 0.0005	mg/l	6869	1/15/03	18:16
Methyl-t-butylether	< 0.0005	mg/l	8573	1/16/03	18:00
Methyl-t-butylether	< 0.0005	mg/l	8146	1/18/03	2:57
Methyl-t-butylether	< 0.0005	mg/l	8149	1/18/03	7:40
Methyl-t-butylether	< 0.0005	mg/l	8582	1/18/03	2:57
TPH (Gasoline Range)	< 0.0500	mg/l	6869	1/15/03	18:16
TPH (Gasoline Range)	< 0.0500	mg/l	8573	1/16/03	18:00
TPH (Gasoline Range)	< 0.0500	mg/l	8146	1/18/03	2:57
TPH (Gasoline Range)	< 0.0500	mg/l	8582	1/18/03	2:57

Project QC continued . . .

TestAmerica
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PROJECT QUALITY CONTROL DATA
Project Number: 229313X
Project Name: EXXONMOBIL 7-0238
Page: 5
Laboratory Receipt Date: 1/14/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
BTEX/GRO Surr., a,a,a-TFT	105.	% Recovery	6869	1/15/03	18:16
BTEX/GRO Surr., a,a,a-TFT	103.	% Recovery	8573	1/16/03	18:00
BTEX/GRO Surr., a,a,a-TFT	104.	% Recovery	8146	1/18/03	2:57
BTEX/GRO Surr., a,a,a-TFT	105.	% Recovery	8149	1/18/03	7:40
BTEX/GRO Surr., a,a,a-TFT	104.	% Recovery	8582	1/18/03	2:57

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 316336

TESTAMERICA,INC.-NASHVILLE

COOLER RECEIPT FORM

Client: ERI (3876) BC# 316336

Cooler Received On: 1/14/03 And Opened On: 1/14/03 By: Ben Wright

(Signature)

1. Temperature of Cooler when opened 2.0 Degrees Celsius
2. Were custody seals on outside of cooler?.....(YES) NO N/A
   a. If yes, how many, what kind and where: 1- TAPE FRONT
   b. Were the seals intact, signed, and dated correctly?.....(YES) NO N/A
3. Were custody seals on containers and intact?.....(NO) YES N/A
4. Were custody papers inside cooler?.....(YES) NO N/A
5. Were custody papers properly filled out (ink,signed,etc)?.....(YES) NO N/A
6. Did you sign the custody papers in the appropriate place?.....(YES) NO N/A
7. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Other None
8. Was sufficient ice used (if appropriate)?.....(YES) NO N/A
9. Did all bottles arrive in good condition(unbroken)?.....(YES) NO N/A
10. Were all bottle labels complete (#,date,signed,pres,etc)?.....(YES) NO N/A
11. Did all bottle labels and tags agree with custody papers?.....(YES) NO N/A
12. Were correct bottles used for the analysis requested?.....(YES) NO N/A
13. a. Were VOA vials received?.....(YES) NO N/A
    b. Was there any observable head space present in any VOA vial?.....(NO) YES N/A
14. Was sufficient amount of sample sent in each bottle?.....(YES) NO N/A
15. Were correct preservatives used?.....(YES) NO N/A
    If not, record standard ID of preservative used here_____
16. Was residual chlorine present?.....NO YES (N/A)
17. Corrective action taken, if necessary:

    See attached for resolution

CHAIN OF CUSTODY RECORD

316336

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

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) Marty Morelli
Sampler Signature: Marty Morelli

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:
Hold analyses for sample "QCTB".

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Soil	Vapor	Analyze For: TPHd 8015B	TPHg 8015B	BTEX 8021B	MTBE 8021B	Confirm MTBE 8260B	Oxygenates 8260B	VOCs 8260B				
QCTB BB	1/10/03	1111			HCl	2 VOAs	X				H	O	L	D			4	6		N (A)
MW9A		1424			HCl	4 VOAs	X				X	X	X				4	6		N 2
MA9B		1431			HCl	4 VOAs	X				X	X	X							N 3
MW9C		1449			HCl	3 VOAs	X				X	X	X							N 4
MW9D		1411			HCl	4 VOAs	X				X	X	X							N 5
MW9F		1141			HCl	4 VOAs	X				X	X	X							N 6
MW9G		1117			HCl	4 VOAs	X				X	X	X							N 7
MW9H		1217			HCl	4 VOAs	X				X	X	X							N 8
MW9I	↓	1441			HCl	4 VOAs	X				X	X	X				↓			N 9

Relinquished by: Marty Morelli Date 1/13/03 Time 9AM Received by:

Relinquished by: Date Time Received by TestAmerica: 1/14/03 Time 0900

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