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Global Remediation

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Gene N. Ortega
Project Manager
Global Remediation – US Retail

ExxonMobil
Refining & Supply

August 4, 2004

R0390

Mr. Amir Gholami
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. Gholami:

Attached for your review and comment is a letter report entitled ***Quarterly Groundwater Monitoring Report, Second Quarter 2004,*** dated August 4, 2004, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Novato, California, and details 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
Project Manager

Attachment: ERI's Quarterly Groundwater Monitoring Report, Second Quarter 2004, dated August 4, 2004.

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

w/o attachment
Mr. Robert A. Saur, Environmental Resolutions, Inc.

ENVIRONMENTAL RESOLUTIONS, INC.

August 4, 2004
ERI 229313.Q042

Mr. Gene N. Ortega
ExxonMobil Refining & Supply - Global Remediation
25A Crescent Drive, #407
Pleasant Hill, California 94523

Subject: Groundwater Monitoring and Remediation Status Report, Second Quarter 2004, 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 second quarter 2004 groundwater monitoring and sampling and operated a soil and groundwater remediation system at the subject site. The purpose of quarterly monitoring and sampling is to evaluate concentrations of dissolved hydrocarbons in groundwater and the effectiveness of remedial actions. The location of the site is shown on the Site Vicinity Map (Plate 1). The location of groundwater monitoring wells and select site features are shown on the Generalized Site Plan (Plate 2).

GROUNDWATER MONITORING AND SAMPLING

On June 7, 2004, 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).

A groundwater elevation map is shown on Plate 3. Historical and recent monitoring data are summarized in Table 1A.

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 using the methods listed in the notes in Tables 1A and 1B. The laboratory analytical report and Chain-of-Custody record are attached (Attachment B). Cumulative results of laboratory analyses of groundwater samples are summarized in Tables 1A and 1B. Select analytical results of groundwater samples collected during this quarter are shown on Plate 2.

SOIL AND GROUNDWATER REMEDIATION

Dual-Phase Extraction and Treatment System

The remediation system uses dual-phase extraction (DPE) to simultaneously extract soil vapor and groundwater from four DPE wells (DPE1 through DPE4). Extracted soil vapor is processed through an air-water separator, a 130-standard cubic feet per minute (scfm) blower, and a catalytic oxidizer prior to atmospheric discharge. Extracted groundwater is directed through the water treatment system and collected in a 500-gallon holding tank. The extracted groundwater is processed through two sediment filters and three 1,000-pound liquid-phase granular activated carbon (GAC) vessels connected in series prior to discharge to the sanitary sewer under East Bay Municipal Utilities District (EBMUD) Discharge Permit No. 5051679-1.

Soil vapor samples are collected on a monthly basis and are submitted to Sequoia Analytical (Sequoia), a California state-certified laboratory, under Chain-of-Custody protocol for analysis. The laboratory analytical report and Chain-of-Custody record are included in Attachment B. ERI's standard operating procedures for calculating pounds of hydrocarbons in a vapor stream are attached (Attachment C). Cumulative hydrocarbon removal and emissions data since startup are provided on Table 2.

Extracted groundwater samples are collected on a monthly basis and are submitted to Sequoia under Chain-of-Custody protocol for analysis. The laboratory analytical report and Chain-of-Custody record are included in Attachment B. Cumulative groundwater extraction data are provided in Table 3.

SUMMARY AND STATUS OF REMEDIATION

The remediation system was operational during this reporting period. The estimated mass of vapor-phase hydrocarbons removed by DPE during the reporting period and since startup is presented in the following table.

Period	Mass of TPHg Removed (Pounds)	Mass of Benzene Removed (Pounds)	Mass of MTBE Removed (Pounds)
03/08/04-6/3/04:	541.65	4.50	27.71
To Date:	643.77	5.44	32.82

The estimated volume of water and mass of dissolved-phase hydrocarbons removed by the DPE system during the reporting period and since startup are presented in the following table.

Period	Gallons of Groundwater Treated	Mass of TPHg Removed (Pounds)	Mass of Benzene Removed (Pounds)	Mass of MTBE Removed (Pounds)
03/08/04-6/3/04:	98,980	0.92	0.01	0.57
To Date:	110,590	1.24	0.011	0.81

DOCUMENT DISTRIBUTION

ERI recommends forwarding copies of this report to:

Mr. Amir Gholami
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.

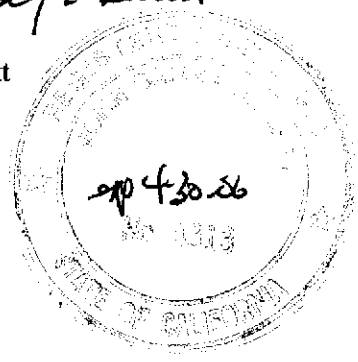
Please call Mr. Robert A. Saur for this site at (707) 766-2000 with any questions regarding this project.

Sincerely,
Environmental Resolutions, Inc.

for

Lyz A. Cullmann
Senior Staff Geologist

John B. Bobbitt
R.G. 4313



Attachments:

Table 1A:	Cumulative Groundwater Monitoring and Sampling Data
Table 1B:	Additional Cumulative Groundwater Monitoring and Sampling Data
Table 2:	Operation and Performance Data for Dual-Phase Extraction System
Table 3:	Operation and Performance Data for Groundwater Extraction and Treatment System
Plate 1:	Site Vicinity Map
Plate 2:	Generalized Site Plan
Plate 3:	Groundwater Elevation Map
Attachment A:	Groundwater Sampling Protocol
Attachment B:	Laboratory Analysis Reports and Chain-of-Custody Records
Attachment C:	ERI SOP-25: "Hydrocarbons Removed from a Vadose Well"

TABLE 1A
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	>		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
	01/10/03	NLPH	5.90	8.61	38,800	51,900	103	15.0	<5.0	13.0
	04/09/03	NLPH	6.38	8.13	34,200	38,600	14.0	<5.0	<5.0	<5.0
	07/22/03	NLPH	6.56	7.95	20,200	19,500	0.50	<0.5	<0.5	<0.5
	10/01/03	NLPH	6.72	7.79	9,460	7,620a	0.70	<0.5	<0.5	<0.5
	01/06/04	NLPH	5.89	8.62	8,540	11,600	<0.50	<0.5	<0.5	<0.5
	06/07/04	**NLPH**	**6.80**	**7.71**	**3,470**	**5,600a**	**<0.50**	**<0.5**	**<0.5**	**<0.5**
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
(12.83)	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
	07/22/98	NLPH	5.79	7.04	<500	26,000	13	<5.0	<5.0	<5.0

TABLE 1A
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.....>			.....µg/L.....					
MW9B (cont.)	12/22/98	NLPH	5.69	7.14	700	21,000	110	3.1	9.1	14
(12.83)	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
	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
	01/10/03	NLPH	5.09	7.75	14,900	18,600	118	1.0	6.5	3.6
	04/09/03	NLPH	5.51	7.33	21,800	24,900	51.0	<5.0	<5.0	<5.0
	07/22/03	NLPH	6.09	6.75	33,500	36,900	<0.50	<0.5	<0.5	<0.5
	10/01/03	NLPH	6.16	6.68	25,500	19,100a	1.10	<0.5	<0.5	<0.5
	01/06/04	NLPH	5.14	7.70	10,400	15,700a	16.9	1.8	18.6	1.7
	06/07/04	**NLPH**	**9.47**	**3.37**	**3,910**	**1,960a**	**<0.50**	**<0.5**	**<0.5**	**<0.5**
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

TABLE 1A
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	>		µg/L				
MW9C (cont.)	07/24/00	NLPH	6.47	7.72	<250	44,000	<2.5	<2.5	<2.5	<2.5
(14.19)	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
	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
	01/10/03	NLPH	5.21	8.95	40,600	55,500	<0.5	<0.5	<0.5	<0.5
	04/09/03	NLPH	6.08	8.08	24,700	29,600	<5.00	<5.0	<5.0	<5.0
	07/22/03	NLPH	6.47	7.69	13,800	13,100	1.40	<0.5	<0.5	<0.5
	10/01/03	NLPH	6.62	7.54	9,100	38,400a	0.70	<0.5	<0.5	<0.5
	01/06/04	NLPH	4.86	9.30	4,160	5,020a	0.70	<0.5	<0.5	<0.5
	06/07/04	**NLPH**	**7.35**	**6.81**	**4,480**	**3,420a**	**<0.50**	**<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	--	--	--	--	--	--	--	--	--

TABLE 1A
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	>		µg/L				
MW9D (cont.)	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
	07/12/02	NLPH	8.01	7.96	108	124	<0.5	<0.5	<0.5	<0.5
	10/11/02	NLPH	8.13	7.84	187	243	<0.5	<0.5	<0.5	<0.5
	01/10/03	NLPH	5.98	9.99	386	132	4.1	<0.5	<0.5	<0.5
	04/09/03	NLPH	7.53	8.44	468	292	3.80	<0.5	<0.5	<0.5
	07/22/03	NLPH	7.87	8.10	446	339	0.70	<0.5	<0.5	<0.5
	10/01/03	NLPH	8.04	7.93	402	362a	<0.50	<0.5	<0.5	<0.5
	01/06/04	NLPH	6.31	9.66	72.2	80.9a	<0.50	<0.5	<0.5	<0.5
	06/07/04	**NLPH**	**8.17**	**7.80**	**237**	**353a**	**<0.50**	**<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

TABLE 1A
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	>		µg/L				
MW9F (cont.)	01/10/03	NLPH	5.09	6.29	<50.0	45.5	<0.5	<0.5	<0.5	<0.5
(11.38)	04/09/03	NLPH	5.39	5.99	<50.0	50.8	<0.50	<0.5	<0.5	<0.5
	07/22/03	NLPH	5.52	5.86	82.3	64.0	<0.50	<0.5	<0.5	<0.5
	10/01/03	NLPH	5.59	5.79	67.0	56.4a	<0.50	<0.5	<0.5	<0.5
	01/06/04	NLPH	5.21	6.17	<50.0	36.7a	<0.50	<0.5	<0.5	<0.5
	06/07/04	**NLPH**	**6.03**	**5.35**	**<50.0**	**20.5a**	**<0.50**	**<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
	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	---	---	---	---	---	---	---	---	---
	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
	01/10/03	NLPH	4.90	8.08	367	566	<0.5	<0.5	<0.5	<0.5
	04/09/03	NLPH	5.15	7.83	3,730	3,990	<0.50	<0.5	<0.5	<0.5
	07/22/03	NLPH	5.30	7.68	1,070	968	<0.50	<0.5	<0.5	<0.5
	10/01/03	NLPH	5.41	7.57	1,300	1,570a	<0.50	<0.5	<0.5	<0.5
	01/06/04	NLPH	4.92	8.06	568	918a	<0.50	<0.5	<0.5	<0.5
	06/07/04	**NLPH**	**5.49**	**7.49**	**457**	**324a**	**<0.50**	**<0.5**	**<0.5**	**<0.5**

TABLE 1A
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	>		µg/L				
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
	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
	01/10/03	NLPH	7.39	4.20	<50.0	16.0	0.5	0.8	0.6	1.8
	04/09/03	NLPH	7.69	3.90	<50.0	26.8	<0.50	<0.5	<0.5	<0.5
	07/22/03	NLPH	7.94	3.65	55.3	34.7	<0.50	<0.5	<0.5	<0.5
	10/01/03	NLPH	7.93	3.66	<50.0	32.3a	<0.50	<0.5	<0.5	0.9
	01/06/04	NLPH	7.27	4.32	<50.0	10a	<0.50	<0.5	<0.5	<0.5
	06/07/04	**NLPH**	**7.99**	**3.60**	**50.6**	**71.7a**	**<0.50**	**<0.5**	**<0.5**	**<0.5**

TABLE 1A
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	>		µg/L				
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
	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
	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
	01/10/03	NLPH	4.75	8.38	4,820	6,180	9.4	0.7	1.1	1.3
	04/09/03	NLPH	5.15	7.98	2,130	1,510	22.3	1.9	1.5	1.5
	07/22/03	NLPH	5.50	7.63	2,330	2,540	1.60	<0.5	<0.5	<0.5
	10/01/03	NLPH	5.65	7.48	6,080	4,610a	1.00	<0.5	<0.5	<0.5
	01/06/04	NLPH	4.50	8.63	175	61.3a	0.90	<0.5	0.5	<0.5
	06/07/04	**NLPH**	**6.87**	**6.26**	**4,620**	**3,410a**	**<0.50**	**<0.5**	**<0.5**	**<0.5**

TABLE 1A
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	>		µg/L				

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.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
EDB	=	1,2-Dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-Dichloroethane analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
Ethanol	=	Ethanol analyzed using EPA Method 8260B.
<	=	Less than the indicated reporting 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 TestAmerica Incorporated. Reported concentrations may be affected by differing laboratory quantitation methods.
g	=	Sample erroneously labeled MA9B on Chain-of-Custody form and laboratory report.
h	=	Insufficient sample volume to perform oxygenate analyses.

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

Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
		ug/L						
MW9A	11/02/95	---	---	---	---	---	---	---
	04/26/96	---	---	---	---	---	---	---
	08/22/96	---	---	---	---	---	---	---
	02/24/97	---	---	---	---	---	---	---
	03/16/98	---	---	---	---	---	---	---
	04/21/98	---	---	---	---	---	---	---
	07/22/98	---	---	---	---	---	---	---
	12/22/98	---	---	---	---	---	---	---
	02/26/99	---	---	---	---	---	---	---
	5/27/99 b	---	---	---	---	---	---	---
	08/03/99	---	---	---	---	---	---	---
	12/03/99	---	---	---	---	---	---	---
	02/29/00	---	---	---	---	---	---	---
	05/18/00	---	---	---	---	---	---	---
	07/24/00	---	---	---	---	---	---	---
	10/09/00	---	---	---	---	---	---	---
	01/10/01	---	---	---	---	---	---	---
	04/10/01	---	---	---	---	---	---	---
	07/12/01	---	---	---	---	---	---	---
	8/17/01 d	---	---	---	---	---	---	---
	10/11/01	---	---	---	---	---	---	---
	01/11/02	---	---	---	---	---	---	---
	04/12/02	---	---	---	---	---	---	---
	07/12/02	---	---	---	---	---	---	---
	10/11/02	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
	01/10/03	---	---	---	---	---	---	---
	04/09/03	---	---	---	---	---	---	---
	07/22/03	---	---	---	---	---	---	---
	10/01/03	<0.50	2.80	1,100	<0.50	<0.50	<0.50	---
	01/06/04	<0.50	4.90	11,900	<0.50	<0.50	<0.50	---
	06/07/04	---	---	---	---	---	---	**<2,500**
MW9B	11/02/95	---	---	---	---	---	---	---
	04/26/96	---	---	---	---	---	---	---
	08/22/96	---	---	---	---	---	---	---
	02/24/97	---	---	---	---	---	---	---
	03/16/98	---	---	---	---	---	---	---
	04/21/98	---	---	---	---	---	---	---
	07/22/98	---	---	---	---	---	---	---

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

Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
		ug/L						
MW9B (cont.)	12/22/98	---	---	---	---	---	---	---
	02/26/99	---	---	---	---	---	---	---
	05/18/99	---	---	---	---	---	---	---
	08/03/99	---	---	---	---	---	---	---
	12/03/99	---	---	---	---	---	---	---
	02/29/00	---	---	---	---	---	---	---
	05/18/00	---	---	---	---	---	---	---
	07/24/00	---	---	---	---	---	---	---
	10/09/00	---	---	---	---	---	---	---
	01/10/01	---	---	---	---	---	---	---
	04/10/01	---	---	---	---	---	---	---
	07/12/01	---	---	---	---	---	---	---
	8/17/01 d	---	---	---	---	---	---	---
	10/11/01	---	---	---	---	---	---	---
	01/11/02	---	---	---	---	---	---	---
	04/12/02	---	---	---	---	---	---	---
	07/12/02	---	---	---	---	---	---	---
	10/11/02 g	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
	01/10/03	---	---	---	---	---	---	---
	04/09/03	---	---	---	---	---	---	---
	07/22/03	---	---	---	---	---	---	---
	10/01/03	<0.50	9.70	2,430	<0.50	<0.50	<0.50	---
	01/06/04	0.80	9.00	11,500	<0.50	<0.50	<0.50	---
	06/07/04	---	---	---	---	---	---	**<50.0**
MW9C	11/02/95	---	---	---	---	---	---	---
	04/26/96	---	---	---	---	---	---	---
	08/22/96	---	---	---	---	---	---	---
	02/24/97	---	---	---	---	---	---	---
	03/16/98	---	---	---	---	---	---	---
	04/21/98	---	---	---	---	---	---	---
	07/22/98	---	---	---	---	---	---	---
	12/22/98	---	---	---	---	---	---	---
	02/26/99	---	---	---	---	---	---	---
	05/18/99	---	---	---	---	---	---	---
	08/03/99	---	---	---	---	---	---	---
	12/03/99	---	---	---	---	---	---	---
	02/29/00	---	---	---	---	---	---	---
	05/18/00	---	---	---	---	---	---	---

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

Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
		ug/L						
MW9C (cont.)	07/24/00	---	---	---	---	---	---	---
	10/09/00	---	---	---	---	---	---	---
	01/10/01	---	---	---	---	---	---	---
	04/10/01	---	---	---	---	---	---	---
	07/12/01	---	---	---	---	---	---	---
	8/17/01 d	---	---	---	---	---	---	---
	10/11/01							
	01/11/02	---	---	---	---	---	---	---
	04/12/02	---	---	---	---	---	---	---
	07/12/02	---	---	---	---	---	---	---
	10/11/02	<0.50	34.3	<10.0	<0.50	<0.50	<0.50	---
	01/10/03	---	---	---	---	---	---	---
	04/09/03	---	---	---	---	---	---	---
	07/22/03	---	---	---	---	---	---	---
	10/01/03	<0.50	2.70	38,400	<0.50	<0.50	<0.50	---
	01/06/04	0.80	2.50	90,700	<0.50	<0.50	<0.50	---
	06/07/04	---	---	---	---	---	---	**<50.0**
MW9D	11/02/95	---	---	---	---	---	---	---
	04/26/96	---	---	---	---	---	---	---
	08/22/96	---	---	---	---	---	---	---
	02/24/97	---	---	---	---	---	---	---
	03/16/98	---	---	---	---	---	---	---
	04/21/98	---	---	---	---	---	---	---
	07/22/98	---	---	---	---	---	---	---
	12/22/98	---	---	---	---	---	---	---
	02/26/99	---	---	---	---	---	---	---
	05/18/99	---	---	---	---	---	---	---
	08/03/99	---	---	---	---	---	---	---
	12/03/99	---	---	---	---	---	---	---
	02/29/00	---	---	---	---	---	---	---
	05/18/00	---	---	---	---	---	---	---
	07/24/00	---	---	---	---	---	---	---
	10/09/00	---	---	---	---	---	---	---
	01/10/01	---	---	---	---	---	---	---
	04/10/01	---	---	---	---	---	---	---
	07/12/01	---	---	---	---	---	---	---
	08/17/01 e	---	---	---	---	---	---	---

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

Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
		ug/L						
MW9D (cont.)	10/11/01	---	---	---	---	---	---	---
	01/11/02	---	---	---	---	---	---	---
	04/12/02	---	---	---	---	---	---	---
	07/12/02	---	---	---	---	---	---	---
	10/11/02	h	h	h	h	h	h	h
	01/10/03	---	---	---	---	---	---	---
	04/09/03	---	---	---	---	---	---	---
	07/22/03	---	---	---	---	---	---	---
	10/01/03	<0.50	<0.50	235	<0.50	<0.50	<0.50	---
	01/06/04	<0.50	<0.50	51.8	<0.50	<0.50	<0.50	---
	06/07/04	---	---	---	---	---	---	**<50.0**
MW9F	11/02/95	---	---	---	---	---	---	---
	04/26/96	---	---	---	---	---	---	---
	08/22/96	---	---	---	---	---	---	---
	02/24/97	---	---	---	---	---	---	---
	03/16/98	---	---	---	---	---	---	---
	04/21/98	---	---	---	---	---	---	---
	07/22/98	---	---	---	---	---	---	---
	12/22/98	---	---	---	---	---	---	---
	02/26/99	---	---	---	---	---	---	---
	05/18/99	---	---	---	---	---	---	---
	08/03/99	---	---	---	---	---	---	---
	12/03/99	---	---	---	---	---	---	---
	02/29/00	---	---	---	---	---	---	---
	05/18/00	---	---	---	---	---	---	---
	07/24/00	---	---	---	---	---	---	---
	10/09/00	---	---	---	---	---	---	---
	01/10/01	---	---	---	---	---	---	---
	04/10/01	---	---	---	---	---	---	---
	07/12/01	---	---	---	---	---	---	---
	08/17/01 e	---	---	---	---	---	---	---
	10/11/01	---	---	---	---	---	---	---
	01/11/02	---	---	---	---	---	---	---
	04/12/02	---	---	---	---	---	---	---
	07/12/02	---	---	---	---	---	---	---
	10/11/02	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---

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

Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
		ug/L						
MW9F (cont.)	01/10/03	---	---	---	---	---	---	---
	04/09/03	---	---	---	---	---	---	---
	07/22/03	---	---	---	---	---	---	---
	10/01/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
	01/06/04	<0.50	<0.50	13.7	<0.50	<0.50	<0.50	---
	06/07/04	---	---	---	---	---	---	**<50.0**
MW9G	11/02/95	---	---	---	---	---	---	---
	04/26/96	---	---	---	---	---	---	---
	08/22/96	---	---	---	---	---	---	---
	02/24/97	---	---	---	---	---	---	---
	03/16/98	---	---	---	---	---	---	---
	04/21/98	---	---	---	---	---	---	---
	07/22/98	---	---	---	---	---	---	---
	12/22/98	---	---	---	---	---	---	---
	02/26/99	---	---	---	---	---	---	---
	05/18/99	---	---	---	---	---	---	---
	08/03/99	---	---	---	---	---	---	---
	12/03/99	---	---	---	---	---	---	---
	02/29/00	---	---	---	---	---	---	---
	05/18/00	---	---	---	---	---	---	---
	07/24/00	---	---	---	---	---	---	---
	10/09/00	---	---	---	---	---	---	---
	01/10/01	---	---	---	---	---	---	---
	04/10/01	---	---	---	---	---	---	---
	07/12/01	---	---	---	---	---	---	---
	8/17/01 e	---	---	---	---	---	---	---
	10/11/01	---	---	---	---	---	---	---
	01/11/02	---	---	---	---	---	---	---
	04/12/02	---	---	---	---	---	---	---
	07/12/02	---	---	---	---	---	---	---
	10/11/02	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
	01/10/03	---	---	---	---	---	---	---
	04/09/03	---	---	---	---	---	---	---
	07/22/03	---	---	---	---	---	---	---
	10/01/03	<0.50	<0.50	17.1	<0.50	<0.50	<0.50	---
	01/06/04	<0.50	<0.50	367	<0.50	<0.50	<0.50	---
	06/07/04	---	---	---	---	---	---	**<50.0**

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

Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
		ug/L						
MW9H	11/02/95				<50	<10	<0.5	<0.5
	04/26/96	---	---	---	---	---	---	---
	08/22/96	---	---	---	---	---	---	---
	02/24/97	---	---	---	---	---	---	---
	03/16/98	---	---	---	---	---	---	---
	04/21/98	---	---	---	---	---	---	---
	07/22/98	---	---	---	---	---	---	---
	12/22/98	---	---	---	---	---	---	---
	02/26/99	---	---	---	---	---	---	---
	05/18/99	---	---	---	---	---	---	---
	08/03/99	---	---	---	---	---	---	---
	12/03/99	---	---	---	---	---	---	---
	02/29/00	---	---	---	---	---	---	---
	05/18/00	---	---	---	---	---	---	---
	07/24/00	---	---	---	---	---	---	---
	10/09/00	---	---	---	---	---	---	---
	01/10/01	---	---	---	---	---	---	---
	04/10/01	---	---	---	---	---	---	---
	07/12/01	---	---	---	---	---	---	---
	8/17/01 e	---	---	---	---	---	---	---
	10/11/01	---	---	---	---	---	---	---
	01/11/02	---	---	---	---	---	---	---
	04/12/02	---	---	---	---	---	---	---
	07/12/02	---	---	---	---	---	---	---
	10/11/02	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
	01/10/03	---	---	---	---	---	---	---
	04/09/03	---	---	---	---	---	---	---
	07/22/03	---	---	---	---	---	---	---
	10/01/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
	01/06/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
	06/07/04	---	---	---	---	---	---	**<50.0**

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

Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
		ug/L						
MW9I	11/02/95	---	---	---	---	---	---	---
	04/26/96	---	---	---	---	---	---	---
	08/22/96	---	---	---	---	---	---	---
	02/24/97	---	---	---	---	---	---	---
	03/16/98	---	---	---	---	---	---	---
	04/21/98	---	---	---	---	---	---	---
	07/22/98	---	---	---	---	---	---	---
	12/22/98	---	---	---	---	---	---	---
	02/26/99	---	---	---	---	---	---	---
	05/18/99	---	---	---	---	---	---	---
	08/03/99	---	---	---	---	---	---	---
	12/03/99	---	---	---	---	---	---	---
	02/29/00	---	---	---	---	---	---	---
	05/18/00	---	---	---	---	---	---	---
	07/24/00	---	---	---	---	---	---	---
	10/09/00	---	---	---	---	---	---	---
	01/10/01	---	---	---	---	---	---	---
	04/10/01	---	---	---	---	---	---	---
	07/12/01	---	---	---	---	---	---	---
	08/17/01	---	---	---	---	---	---	---
	10/11/01	---	---	---	---	---	---	---
	Nov-01	Well surveyed in compliance with AB2886 requirements.						
	01/11/02	---	---	---	---	---	---	---
	04/12/02	---	---	---	---	---	---	---
	07/12/02	---	---	---	---	---	---	---
	10/11/02	<0.50	24.1	<10.0	<0.50	<0.50	<0.50	---
	01/10/03	---	---	---	---	---	---	---
	04/09/03	---	---	---	---	---	---	---
	07/22/03	---	---	---	---	---	---	---
	10/01/03	<0.50	1.50	30,300	<0.50	<0.50	<0.50	---
	01/06/04	<0.50	<0.50	377	<0.50	<0.50	<0.50	---
	06/07/04	**---**	**---**	**---**	**---**	**---**	**---**	**<50.0**

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

Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
		ug/L						

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.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
EDB	=	1,2-Dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-Dichloroethane analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
Ethanol	=	Ethanol analyzed using EPA Method 8260B.
<	=	Less than the indicated reporting limit shown by the laboratory.
ND	=	Not detected at or above the laboratory reporting limit. See laboratory analytical report for specific report
---	=	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. R
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 se
e	=	Well inaccessible due to uncontrollable traffic conditions.
f	=	Samples collected after fourth quarter 2001 analyzed by TestAmerica Incorporated. Reported concentrations may be affected by differing laboratory quantitation methods.
g	=	Sample erroneously labeled MA9B on Chain-of-Custody form and laboratory report.
h	=	Insufficient sample volume to perform oxygenate analyses.

TABLE 2
OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM
Former Exxon Service Station 7-0238
2200 East 12th Street
Oakland, California

DATE	FIELD MEASUREMENTS								LABORATORY ANALYTICAL RESULTS			TPHg Removal		MTBE Removal		Benzene Removal		Destruction Efficiency	Benzene Emission
	System Hours	Temp deg F	Vacuum "H2O	Pressure "H2O	Flow (fpm)	Flow scfm	Sample I.D.	PID ppmv	TPHg	Benzene	MTBE	Period	Cumulative	Period	Cumulative	Period	Cumulative	%	lb/day
									<----------mg/cu M---------->			<----------Pounds---------->							
03/01/04	System start up. Running on departure.																		
03/01/04	4	70	27.5	1.0	350	23.15	A-INF	4,389											
							A-EFF	26.1											
03/05/04	100	70	28.0	1.0	700	46.30	A-INF	599											
							A-EFF	9.0											
03/08/04	172	70	25.0	1.0	600	39.68	A-INF	> 10,000	4,000	37	200	102.12	102.12	5.11	5.11	0.94	0.94	99.74	0.002
							A-EFF	25.9	23	0.50	< 0.50								
03/12/04	268	70	26.0	1.0	750	49.61	A-INF	> 10,000											
							A-EFF	9.0											
03/19/04	436	70	21.5	1.0	750	49.61	A-INF	6,500											
							A-EFF	6.0											
03/26/04	604	70	20.0	1.0	1,000	66.14	A-INF	500											
							A-EFF	1.0											
04/02/04	772	70	27.0	1.0	1,400	92.60	A-INF	285	87	0.60	15	303.30	405.42	15.96	21.06	2.79	3.73	99.65	0.001
							A-EFF	1.0	< 10	< 0.10	< 0.50								
04/08/04	916	70	18.0	1.0	1,500	99.21	A-INF	5,700											
							A-EFF	4.0											
04/15/04	1,084	70	20.0	1.0	1,500	99.21	A-INF	9,600											
							A-EFF	17.0											
04/22/04	1,252	70	10.0	1.0	600	39.68	A-INF	750											
							A-EFF	2.0											
04/29/04	1,420	70	25.0	1.0	700	46.30	A-INF	920											
							A-EFF	4.0											
05/06/04	1,588	70	22.0	1.0	650	42.99	A-INF	5,600											
							A-EFF	7.0											
05/13/04	1,756	70	24	1.0	650	42.99	A-INF	3,200	1,200	9.1	52	160.55	565.97	8.36	29.42	1.21	4.94	99.94	0.0004
							A-EFF	2.0	< 10	< 0.10	< 0.50								
05/21/04	1,948	70	24	1.0	550	36.38	A-INF	767											
							A-EFF	3.0											
05/27/04	2,092	70	25	1.0	600	39.68	A-INF	6,700											
							A-EFF	7.0											
06/03/04	2,260	70	25	1.0	650	42.99	A-INF	1,969	720	3.1	32	77.80	643.77	3.40	32.82	0.49	5.44	98.48	0.0004
							A-EFF	30.0	16	0.11	< 0.50								
06/09/04	2,404	70	27	1.0	600	39.68	A-INF	1,150											
							A-EFF	16.0											
06/24/04	2,404	70	27	1.0	500	33.07	A-INF	1,000											
							A-EFF	10.0											
						51.63													

TABLE 2
OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM
Former Exxon Service Station 7-0238
2200 East 12th Street
Oakland, California

DATE	FIELD MEASUREMENTS							LABORATORY ANALYTICAL RESULTS			TPHg Removal		MTBE Removal		Benzene Removal		Destruction	Benzene
	System	Temp	Vacuum	Pressure	Flow		Sample	PID	TPHg	Benzene	MTBE	Period	Cumulative	Period	Cumulative	Period	Cumulative	Efficiency	Emission
	Hours	deg F	"H2O	"H2O	(fpm)	scfm	I.D.	ppmv	<----------mg/cu M---------->			<----------Pounds---------->						%	lb/day

Notes:

A-INF	=	Influent vapor sample.
A-EFF	=	Effluent vapor sample.
acfm	=	Actual cubic feet per minute.
scfm	=	Standard cubic feet per minute.
ppmv	=	Parts per million by volume.
NM	=	Not measured.
NA	=	Not applicable.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B.
Benzene	=	Benzene analyzed using EPA Method 8021B.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.

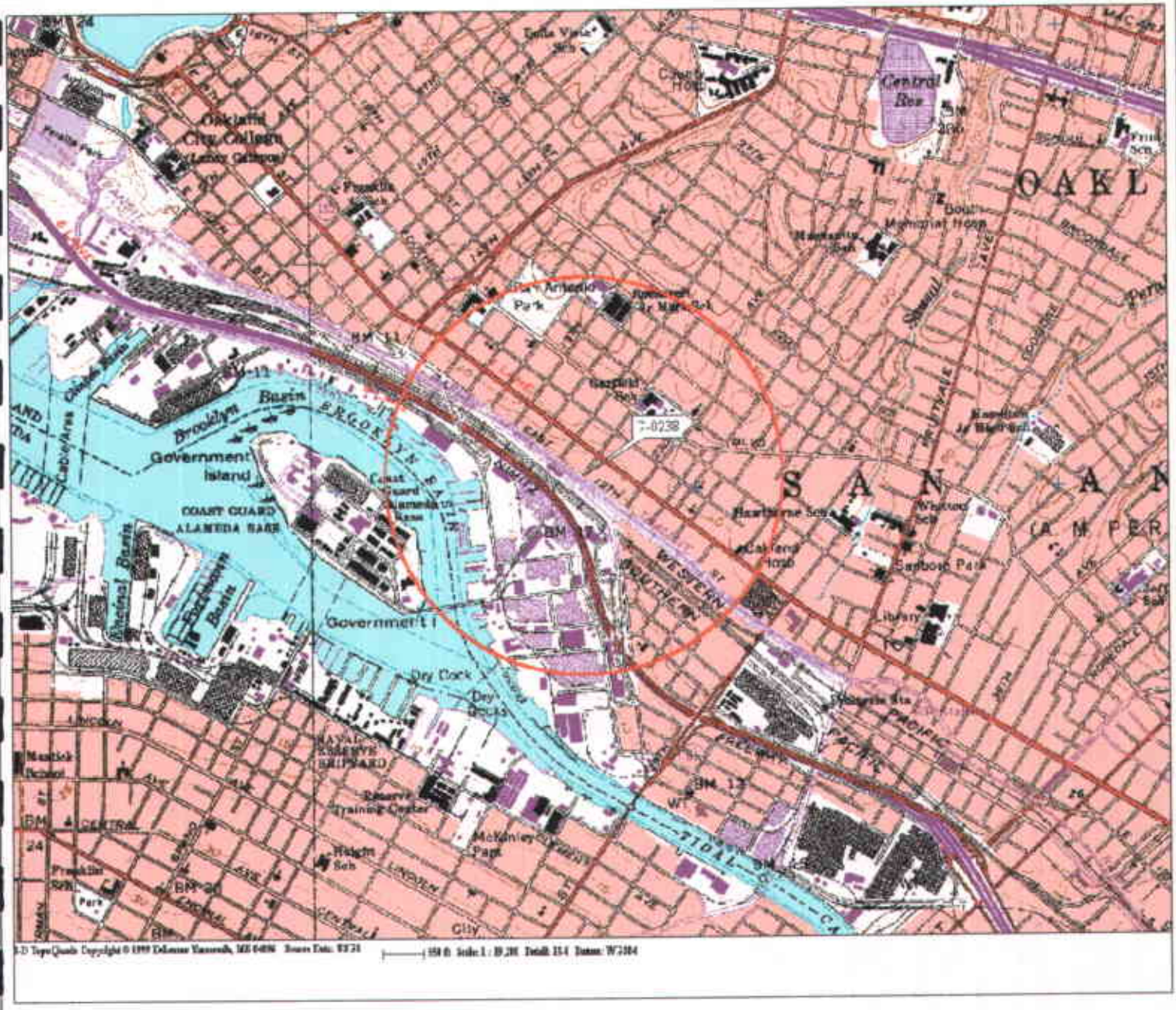
TABLE 3
OPERATION AND PERFORMANCE DATA
FOR GROUNDWATER EXTRACTION AND TREATMENT SYSTEM
Former Exxon Service Station 7-0238
2200 East 12th Street
Oakland, California

Date	System Hours (hrs)	Eff. Totalizer Reading [gal]	Average Flowrate [gpm]	Total Flow per period (gal)	Sample I.D.	Laboratory Analytical Results TPHg	TPHd	B	T	E	X	MTBE	TPHg Removed Per Period	TPHg Removed Cumulative	Benzene Removed Per Period	Benzene Removed Cumulative	MTBE Removed Per Period	MTBE Removed Cumulative
						<.....ug/L.....>							<.....Pounds.....>					
01/15/04	0.5	0	0.00	0	W-INF	82	78	< 5.0	< 5.0	< 5.0	< 5.0	160	0.00	0.00	0.00	0.000	0.00	0.00
					W-INT1	< 50	< 47	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
					W-INT2	< 50	53	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
					PSP-1	< 50	62	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
03/01/04	6	0	0.00	0	W-INF	4,100	580	< 25	< 25	47	36	2800	0.00	0.00	0.00	0.000	0.00	0.00
					W-INT1	< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					W-INT2	< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					PSP-1	< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
03/05/04	102	3,620	0.63	3,620														
03/08/04	174	11,610	1.85	7,990	W-INF	< 2,500	260	< 25	< 25	< 25	30	2100	< 0.32	0.32	0.00	0.002	0.24	0.24
					W-INT1	< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					W-INT2	< 50	59	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					PSP-1	< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
03/12/04	270	19,090	1.30	7,480														
03/19/04	438	31,960	1.28	12,870														
03/26/04	606	41,930	0.99	9,970														
04/02/04	774	49,260	0.73	7,330	W-INF	< 1,000	< 50	< 10	< 10	< 10	< 10	350	< 0.55	0.87	0.01	0.008	0.38	0.62
					W-INT1	190	< 50	< 0.50	< 0.50	< 0.50	< 0.50	86						
					W-INT2	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					PSP-1	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
04/08/04	918	57,700	0.98	8,440														
04/15/04	1086	69,440	1.16	11,740														
04/22/04	1254	79,000	0.95	9,560														
04/29/04	1422	84,000	0.50	5,000														
05/06/04	1590	89,250	0.52	5,250	W-INF	700	64	< 5.0	< 5.0	< 5.0	< 5.0	430	< 0.28	1.15	0.00	0.010	0.13	0.75
					W-INT1	160	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					W-INT2	200	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					PSP-1	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
05/13/04	1758	94,700	0.54	5,450														
05/21/04	1950	100,850	0.53	6,150														
05/27/04	2094	105,330	0.52	4,480														
06/03/04	2262	110,590	0.52	5,260	W-INF	270	75	< 2.5	< 2.5	< 2.5	< 2.5	210	< 0.09	1.24	0.00	0.011	0.06	0.81
					W-INT1	190	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					W-INT2	230	< 50	< 0.50	1.3	< 0.50	< 0.50	< 2.5						
					PSP-1	160	< 49	< 0.50	0.76	< 0.50	< 0.50	< 2.5						

Notes:
W-INF = Water influent combined.
W-INT1 = Water intermediate after first carbon vessel.
W-INT2 = Water intermediate after second carbon vessel.
PSP-1 = Water effluent.
< = Less than the laboratory method reporting limit.
TPHg = Total petroleum hydrocarbons as gasoline analyzed using modified EPA Method 8015m.
TPHd = Total petroleum hydrocarbons as diesel analyzed using modified EPA Method 8015m.
BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
MTBE = Methyl tertiary butyl ether analyzed using EPA Method 8021B.
µg/L = Micrograms per liter.
NM = Not measured.
--- = Not analyzed.

* If value is below laboratory reporting limit, then detection limit value is used for removal calculations.

** Indicates the concentrations of identifiable analytes are below the laboratory reporting limit unless otherwised noted.



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

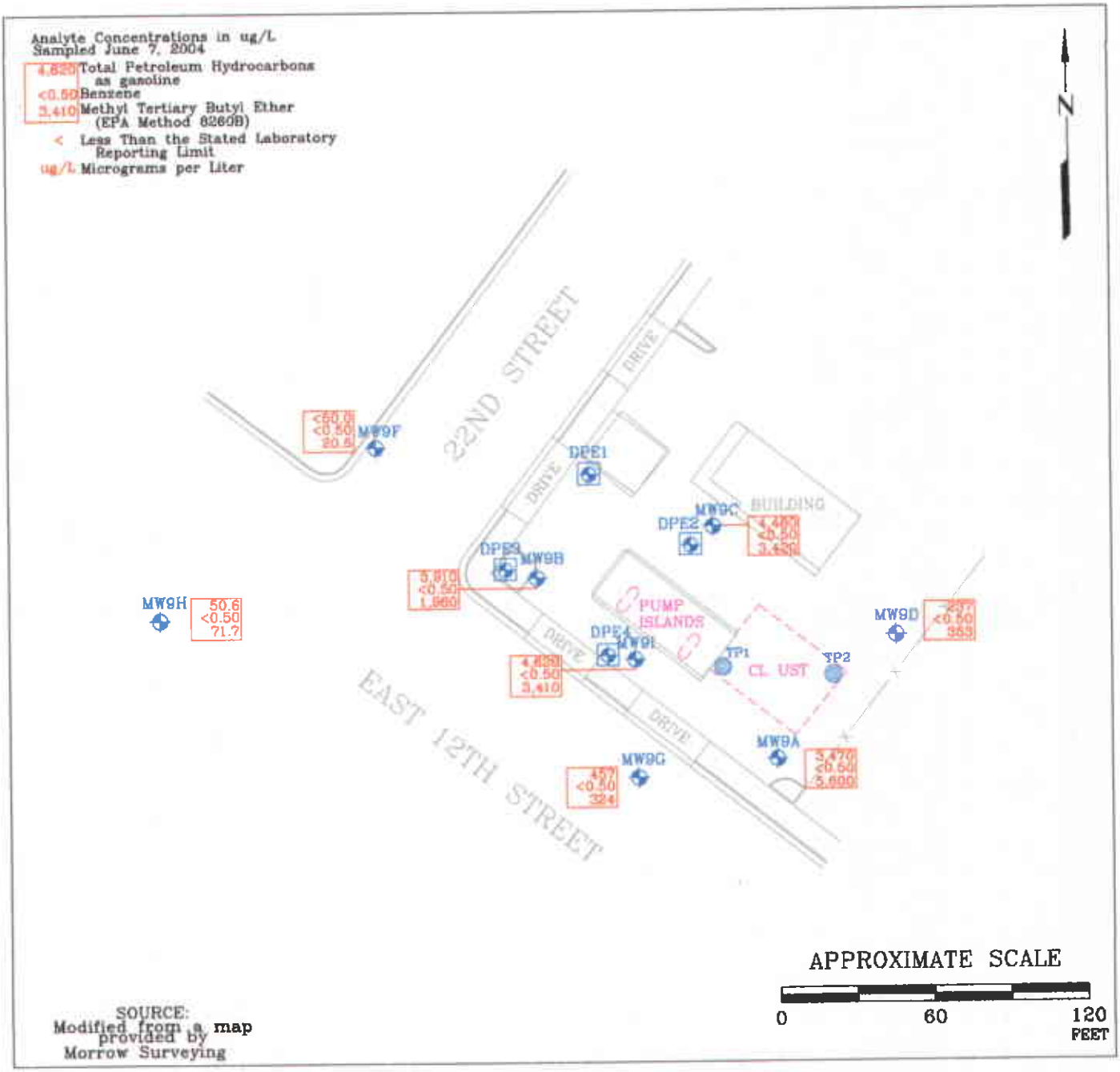
ENVIRONMENTAL RESOLUTIONS, INC.

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_QM

EXPLANATION

MW9I
Groundwater Monitoring Well

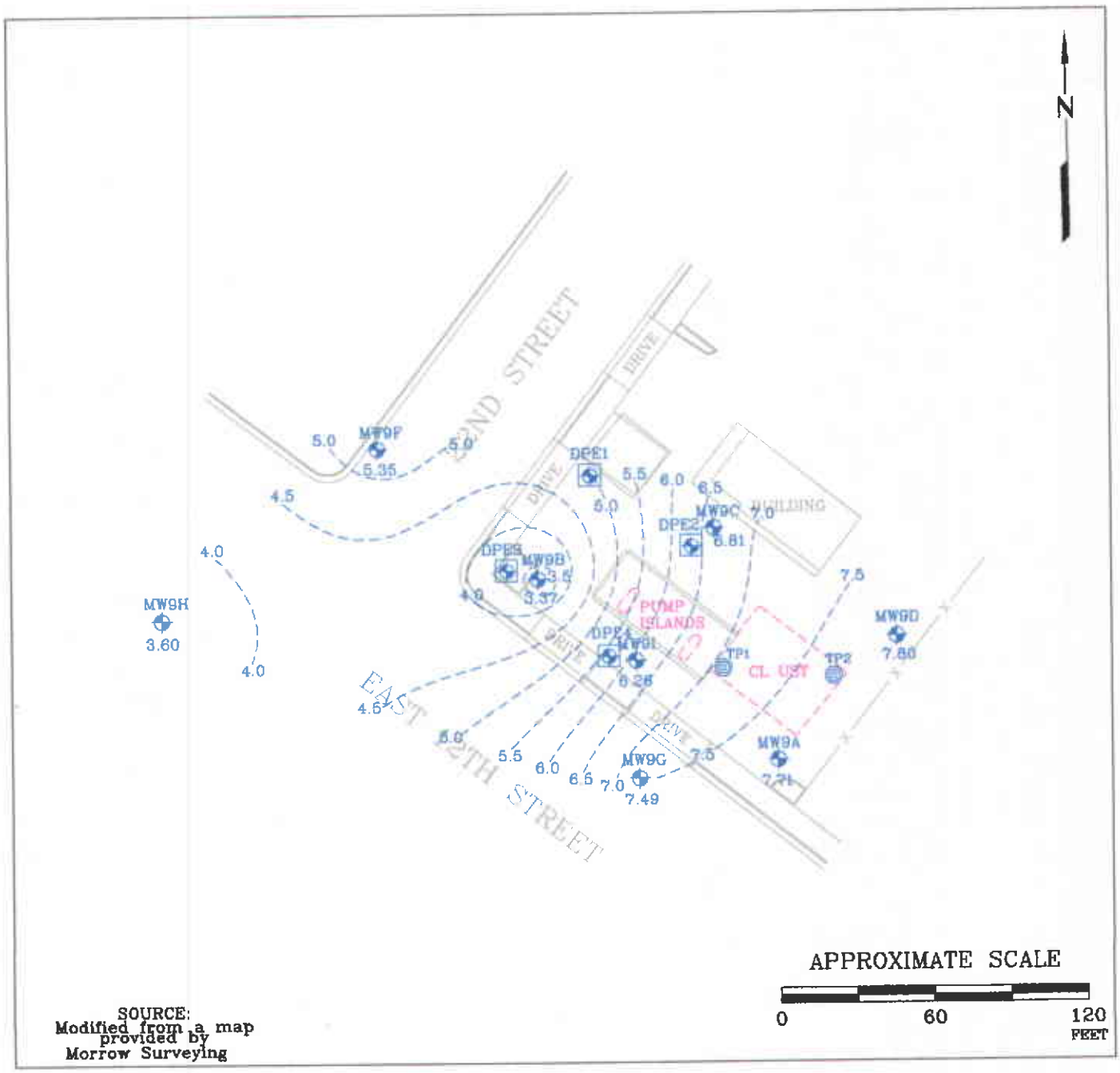
DPE4
Dual-Phase Extraction Well

ERI ENVIRONMENTAL RESOLUTIONS, INC.

GENERALIZED SITE PLAN

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

PROJECT NO.
2293
PLATE
2



SOURCE:
Modified from a map provided by Morrow Surveying

FN: 22930005_QM

EXPLANATION

MW9I
Groundwater Monitoring Well

6.26 Groundwater elevation in feet; datum is mean sea level

DPE4
Dual-Phase Extraction Well

i = Interpreted Hydraulic Gradient

7.5 — — — Line of Equal Groundwater Elevation; datum is mean sea level

ENVIRONMENTAL RESOLUTIONS, INC.

GROUNDWATER ELEVATION MAP
June 7, 2004
FORMER EXXON SERVICE STATION 7-0238
2200 East 12th Street
Oakland, California

PROJECT NO.
2293
PLATE
3

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 REPORTS AND CHAIN-OF-CUSTODY RECORDS

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6/19/04

CASE NARRATIVE

ERI - NORTHERN CA 3876
ROB SAUR
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: EXXONMOBIL 7-0238
Project Number: 229313X.
Laboratory Project Number: 378186.

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. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

Sample Identification	Lab Number	Collection Date
MW9A	04-A88313	6/ 7/04
MW9B	04-A88314	6/ 7/04
MW9C	04-A88315	6/ 7/04
MW9D	04-A88316	6/ 7/04
MW9F	04-A88317	6/ 7/04
MW9G	04-A88318	6/ 7/04
MW9H	04-A88319	6/ 7/04
MW9I	04-A88320	6/ 7/04

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By: Roxanne L Connor Report Date: 6/17/04

Johnny A. Mitchell, Operations Manager
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Technical Services
Eric S. Smith, QA/QC Director
Gail A. Lage, Technical Services
Glenn L. Norton, Technical Services
Kelly S. Comstock, Technical Services
Roxanne L. Connor, Technical Services

Laboratory Certification Number: 01168CA

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ANALYTICAL REPORT

ERI - NORTHERN CA 3876
ROB SAUR
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Project: 229313X
Project Name: EXXONMOBIL 7-0238
Sampler: RICK BROWN

Lab Number: 04-A88313
Sample ID: MW9A
Sample Type: Water
Site ID: 7-0238

Date Collected: 6/ 7/04
Time Collected: 16:45
Date Received: 6/ 9/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	0.50	1.0	6/10/04	18:50	I. Ahmed	8021B	1623
Ethylbenzene	ND	ug/L	0.5	1.0	6/10/04	18:50	I. Ahmed	8021B	1623
Toluene	ND	ug/L	0.5	1.0	6/10/04	18:50	I. Ahmed	8021B	1623
Xylenes (Total)	ND	ug/L	0.5	1.0	6/10/04	18:50	I. Ahmed	8021B	1623
TPH (Gasoline Range)	3470	ug/L	500.	10.0	6/11/04	7:50	I. Ahmed	8015B	4641
VOLATILE ORGANICS									
Methyl-t-butyl ether	5600	ug/L	25.0	50.0	6/13/04	15:15	J. Bundy	8260B	5930
Ethanol	ND	ug/L	2500	50.0	6/13/04	15:15	J. Bundy	8260B	5930

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	100.	70. - 124.
VOA Surr 1,2-DCA-d4	112.	71. - 128.
VOA Surr Toluene-d8	99.	77. - 119.
VOA Surr, 4-BFB	113.	79. - 123.
VOA Surr, DBFM	158. #	78. - 124.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A88313
Sample ID: MW9A
Project: 229313X

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.
8260 PQL's elevated due to sample matrix.
Analysis at a lower dilution did not meet method QC requirements.
8260 surrogate recovery elevated due to sample matrix.

End of Sample Report.

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ANALYTICAL REPORT

ERI - NORTHERN CA 3876
ROB SAUR
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Project: 229313X
Project Name: EXXONMOBIL 7-0238
Sampler: RICK BROWN

Lab Number: 04-A88314
Sample ID: MW9B
Sample Type: Water
Site ID: 7-0238

Date Collected: 6/ 7/04
Time Collected: 17:13
Date Received: 6/ 9/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	0.50	1.0	6/10/04	19:22	I. Ahmed	8021B	1623
Ethylbenzene	ND	ug/L	0.5	1.0	6/10/04	19:22	I. Ahmed	8021B	1623
Toluene	ND	ug/L	0.5	1.0	6/10/04	19:22	I. Ahmed	8021B	1623
Xylenes (Total)	ND	ug/L	0.5	1.0	6/10/04	19:22	I. Ahmed	8021B	1623
TPH (Gasoline Range)	3910	ug/L	50.0	1.0	6/10/04	19:22	I. Ahmed	8015B	1623
VOLATILE ORGANICS									
Methyl-t-butyl ether	1960	ug/L	25.0	50.0	6/14/04	20:54	S. Roberts	8260B	7862
Ethanol	ND	ug/L	50.0	1.0	6/18/04	23:17	S. Edwards	8260B	1523

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	100.	70. - 124.
VOA Surr 1,2-DCA-d4	77.	71. - 128.
VOA Surr Toluene-d8	93.	77. - 119.
VOA Surr, 4-BFB	90.	79. - 123.
VOA Surr, DBFM	89.	78. - 124.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A88314
Sample ID: MW9B
Project: 229313X

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.

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ANALYTICAL REPORT

ERI - NORTHERN CA 3876
ROB SAUR
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Project: 229313X
Project Name: EXXONMOBIL 7-0238
Sampler: RICK BROWN

Lab Number: 04-A88315
Sample ID: MW9C
Sample Type: Water
Site ID: 7-0238

Date Collected: 6/ 7/04
Time Collected: 17:13
Date Received: 6/ 9/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	0.50	1.0	6/10/04	19:54	I. Ahmed	8021B	1623
Ethylbenzene	ND	ug/L	0.5	1.0	6/10/04	19:54	I. Ahmed	8021B	1623
Toluene	ND	ug/L	0.5	1.0	6/10/04	19:54	I. Ahmed	8021B	1623
Xylenes (Total)	ND	ug/L	0.5	1.0	6/10/04	19:54	I. Ahmed	8021B	1623
TPH (Gasoline Range)	4480	ug/L	250.	5.0	6/11/04	8:22	I. Ahmed	8015B	4641
VOLATILE ORGANICS									
Methyl-t-butyl ether	3420	ug/L	25.0	50.0	6/14/04	21:23	S. Roberts	8260B	7862
Ethanol	ND	ug/L	50.0	1.0	6/18/04	19:13	S. Edwards	8260B	1521

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	99.	70. - 124.
VOA Surr 1,2-DCA-d4	73.	71. - 128.
VOA Surr Toluene-d8	94.	77. - 119.
VOA Surr, 4-BFB	90.	79. - 123.
VOA Surr, DBFM	85.	78. - 124.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A88315
Sample ID: MW9C
Project: 229313X

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.

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ANALYTICAL REPORT

ERI - NORTHERN CA 3876
ROB SAUR
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Project: 229313X
Project Name: EXXONMOBIL 7-0238
Sampler: RICK BROWN

Lab Number: 04-A88316
Sample ID: MW9D
Sample Type: Water
Site ID: 7-0238

Date Collected: 6/ 7/04
Time Collected: 16:20
Date Received: 6/ 9/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	0.50	1.0	6/10/04	20:26	I. Ahmed	8021B	1623
Ethylbenzene	ND	ug/L	0.5	1.0	6/10/04	20:26	I. Ahmed	8021B	1623
Toluene	ND	ug/L	0.5	1.0	6/10/04	20:26	I. Ahmed	8021B	1623
Xylenes (Total)	ND	ug/L	0.5	1.0	6/10/04	20:26	I. Ahmed	8021B	1623
TPH (Gasoline Range)	237.	ug/L	50.0	1.0	6/10/04	20:26	I. Ahmed	8015B	1623
VOLATILE ORGANICS									
Methyl-t-butyl ether	353.	ug/L	5.00	10.0	6/14/04	21:52	S. Roberts	8260B	7862
Ethanol	ND	ug/L	50.0	1.0	6/18/04	23:45	S. Edwards	8260B	1523

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	102.	70. - 124.
VOA Surr 1,2-DCA-d4	78.	71. - 128.
VOA Surr Toluene-d8	93.	77. - 119.
VOA Surr, 4-BFB	90.	79. - 123.
VOA Surr, DBFM	92.	78. - 124.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A88316
Sample ID: MW9D
Project: 229313X

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.

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ANALYTICAL REPORT

ERI - NORTHERN CA 3876
ROB SAUR
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 04-A88317
Sample ID: MW9F
Sample Type: Water
Site ID: 7-0238

Project: 229313X
Project Name: EXXONMOBIL 7-0238
Sampler: RICK BROWN

Date Collected: 6/ 7/04
Time Collected: 13:40
Date Received: 6/ 9/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	0.50	1.0	6/10/04	20:57	I. Ahmed	8021B	1623
Ethylbenzene	ND	ug/L	0.5	1.0	6/10/04	20:57	I. Ahmed	8021B	1623
Toluene	ND	ug/L	0.5	1.0	6/10/04	20:57	I. Ahmed	8021B	1623
Xylenes (Total)	ND	ug/L	0.5	1.0	6/10/04	20:57	I. Ahmed	8021B	1623
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	6/10/04	20:57	I. Ahmed	8015B	1623
VOLATILE ORGANICS									
Methyl-t-butyl ether	20.5	ug/L	0.50	1.0	6/15/04	15:04	S. Roberts	8260B	6859
Ethanol	ND	ug/L	50.0	1.0	6/18/04	18:45	S. Edwards	8260B	1521

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	102.	70. - 124.
VOA Surr 1,2-DCA-d4	77.	71. - 128.
VOA Surr Toluene-d8	93.	77. - 119.
VOA Surr, 4-BFB	90.	79. - 123.
VOA Surr, DBFM	90.	78. - 124.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A88317
Sample ID: MW9F
Project: 229313X

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.

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ANALYTICAL REPORT

ERI - NORTHERN CA 3876
ROB SAUR
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Project: 229313X
Project Name: EXXONMOBIL 7-0238
Sampler: RICK BROWN

Lab Number: 04-A88318
Sample ID: MW9G
Sample Type: Water
Site ID: 7-0238

Date Collected: 6/ 7/04
Time Collected: 14:30
Date Received: 6/ 9/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	0.50	1.0	6/10/04	21:28	I. Ahmed	8021B	1623
Ethylbenzene	ND	ug/L	0.5	1.0	6/10/04	21:28	I. Ahmed	8021B	1623
Toluene	ND	ug/L	0.5	1.0	6/10/04	21:28	I. Ahmed	8021B	1623
Xylenes (Total)	ND	ug/L	0.5	1.0	6/10/04	21:28	I. Ahmed	8021B	1623
TPH (Gasoline Range)	457.	ug/L	50.0	1.0	6/10/04	21:28	I. Ahmed	8015B	1623
VOLATILE ORGANICS									
Methyl-t-butyl ether	324.	ug/L	5.00	10.0	6/14/04	0:00	J. Bundy	8260B	5955
Ethanol	ND	ug/L	50.0	1.0	6/12/04	11:28	S. Edwards	8260B	4669

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	103.	70. - 124.
VOA Surr 1,2-DCA-d4	78.	71. - 128.
VOA Surr Toluene-d8	94.	77. - 119.
VOA Surr, 4-BFB	91.	79. - 123.
VOA Surr, DBFM	91.	78. - 124.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A88318
Sample ID: MW9G
Project: 229313X

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
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

ERI - NORTHERN CA 3876
ROB SAUR
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Project: 229313X
Project Name: EXXONMOBIL 7-0238
Sampler: RICK BROWN

Lab Number: 04-A88319
Sample ID: MW9H
Sample Type: Water
Site ID: 7-0238

Date Collected: 6/ 7/04
Time Collected: 12:55
Date Received: 6/ 9/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	0.50	1.0	6/10/04	22:00	I. Ahmed	8021B	1623
Ethylbenzene	ND	ug/L	0.5	1.0	6/10/04	22:00	I. Ahmed	8021B	1623
Toluene	ND	ug/L	0.5	1.0	6/10/04	22:00	I. Ahmed	8021B	1623
Xylenes (Total)	ND	ug/L	0.5	1.0	6/10/04	22:00	I. Ahmed	8021B	1623
TPH (Gasoline Range)	50.6	ug/L	50.0	1.0	6/10/04	22:00	I. Ahmed	8015B	1623
VOLATILE ORGANICS									
Methyl-t-butyl ether	71.7	ug/L	0.50	1.0	6/12/04	11:55	S. Edwards	8260B	4669
Ethanol	ND	ug/L	50.0	1.0	6/12/04	11:55	S. Edwards	8260B	4669

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	102.	70. - 124.
VOA Surr 1,2-DCA-d4	80.	71. - 128.
VOA Surr Toluene-d8	84.	77. - 119.
VOA Surr, 4-BFB	90.	79. - 123.
VOA Surr, DBFM	96.	78. - 124.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A88319
Sample ID: MW9H
Project: 229313X

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.

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ANALYTICAL REPORT

ERI - NORTHERN CA 3876
ROB SAUR
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Project: 229313X
Project Name: EXXONMOBIL 7-0238
Sampler: RICK BROWN

Lab Number: 04-A88320
Sample ID: MW9I
Sample Type: Water
Site ID: 7-0238

Date Collected: 6/ 7/04
Time Collected: 16:30
Date Received: 6/ 9/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	0.50	1.0	6/10/04	22:31	I. Ahmed	8021B	1623
Ethylbenzene	ND	ug/L	0.5	1.0	6/10/04	22:31	I. Ahmed	8021B	1623
Toluene	ND	ug/L	0.5	1.0	6/10/04	22:31	I. Ahmed	8021B	1623
Xylenes (Total)	ND	ug/L	0.5	1.0	6/10/04	22:31	I. Ahmed	8021B	1623
TPH (Gasoline Range)	4620	ug/L	250.	5.0	6/11/04	8:53	I. Ahmed	8015B	4641
VOLATILE ORGANICS									
Methyl-t-butyl ether	3410	ug/L	25.0	50.0	6/15/04	5:24	J. Bundy	8260B	6889
Ethanol	ND	ug/L	50.0	1.0	6/14/04	16:50	J. Bundy	8260B	6871

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	100.	70. - 124.
VOA Surr 1,2-DCA-d4	78.	71. - 128.
VOA Surr Toluene-d8	94.	77. - 119.
VOA Surr, 4-BFB	91.	79. - 123.
VOA Surr, DBFM	91.	78. - 124.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A88320
Sample ID: MW9I
Project: 229313X

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
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PROJECT QUALITY CONTROL DATA
Project Number: 229313X
Project Name: EXXONMOBIL 7-0238
Page: 1
Laboratory Receipt Date: 6/ 9/04

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSIS								
Benzene	mg/l	< 0.00050	0.0593	0.0500	119	53. - 159.	1623	04-A88316
Toluene	mg/l	< 0.0005	0.0597	0.0500	119	54. - 156.	1623	04-A88316
Ethylbenzene	mg/l	< 0.0005	0.0626	0.0500	125	50. - 159.	1623	04-A88316
Xylenes (Total)	mg/l	< 0.0005	0.116	0.100	116	53. - 151.	1623	04-A88316
TPH (Gasoline Range)	mg/l	0.237	0.966	1.00	73	70. - 157.	1623	04-A88316
BTEX/GRO Surr., a,a,a-TFT	% Recovery				98	70 - 124	1623	
VOA Surr 1,2-DCA-d4	% Rec				78	71 - 128	4669	
VOA Surr 1,2-DCA-d4	% Rec				99	71 - 128	5930	
VOA Surr 1,2-DCA-d4	% Rec				71	71 - 128	5955	
VOA Surr 1,2-DCA-d4	% Rec				75	71 - 128	6889	
VOA Surr 1,2-DCA-d4	% Rec				75	71 - 128	1521	
VOA Surr Toluene-d8	% Rec				84	77 - 119	4669	
VOA Surr Toluene-d8	% Rec				98	77 - 119	5930	
VOA Surr Toluene-d8	% Rec				95	77 - 119	5955	
VOA Surr Toluene-d8	% Rec				94	77 - 119	6889	
VOA Surr Toluene-d8	% Rec				94	77 - 119	1521	
VOA Surr, 4-BFB	% Rec				88	79 - 123	4669	
VOA Surr, 4-BFB	% Rec				100	79 - 123	5930	
VOA Surr, 4-BFB	% Rec				92	79 - 123	5955	
VOA Surr, 4-BFB	% Rec				91	79 - 123	6889	
VOA Surr, 4-BFB	% Rec				90	79 - 123	1521	
VOA Surr, DBFM	% Rec				92	78 - 124	4669	
VOA Surr, DBFM	% Rec				137	78 - 124	5930	
VOA Surr, DBFM	% Rec				84	78 - 124	5955	
VOA Surr, DBFM	% Rec				89	78 - 124	6889	
VOA Surr, DBFM	% Rec				88	78 - 124	1521	

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 229313X
Project Name: EXXONMOBIL 7-0238

Laboratory Receipt Date: 6/ 9/04

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.0593	0.0603	1.67	21.	1623
Toluene	mg/l	0.0597	0.0608	1.83	25.	1623
Ethylbenzene	mg/l	0.0626	0.0639	2.06	25.	1623
Xylenes (Total)	mg/l	0.116	0.118	1.71	24.	1623
TPH (Gasoline Range)	mg/l	0.966	0.865	11.03	24.	1623
BTEX/GRO Surr., a,a,a-TFT	% Recovery		97.			1623
VOA Surr 1,2-DCA-d4	% Rec		76.			4669
VOA Surr 1,2-DCA-d4	% Rec		99.			5930
VOA Surr 1,2-DCA-d4	% Rec		74.			5955
VOA Surr 1,2-DCA-d4	% Rec		75.			6889
VOA Surr 1,2-DCA-d4	% Rec		73.			1521
VOA Surr Toluene-d8	% Rec		84.			4669
VOA Surr Toluene-d8	% Rec		98.			5930
VOA Surr Toluene-d8	% Rec		95.			5955
VOA Surr Toluene-d8	% Rec		94.			6889
VOA Surr Toluene-d8	% Rec		93.			1521
VOA Surr, 4-BFB	% Rec		89.			4669
VOA Surr, 4-BFB	% Rec		106.			5930
VOA Surr, 4-BFB	% Rec		90.			5955
VOA Surr, 4-BFB	% Rec		92.			6889
VOA Surr, 4-BFB	% Rec		90.			1521
VOA Surr, DBFM	% Rec		92.			4669
VOA Surr, DBFM	% Rec		138.			5930
VOA Surr, DBFM	% Rec		88.			5955
VOA Surr, DBFM	% Rec		86.			6889
VOA Surr, DBFM	% Rec		89.			1521

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 229313X
Project Name: EXXONMOBIL 7-0238

Laboratory Receipt Date: 6/ 9/04

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.100	0.110	110	76 - 118	1623
Toluene	mg/l	0.100	0.112	112	72 - 119	1623
Ethylbenzene	mg/l	0.100	0.115	115	72 - 119	1623
Xylenes (Total)	mg/l	0.200	0.214	107	71 - 123	1623
TPH (Gasoline Range)	mg/l	1.00	0.966	97	72 - 122	1623
TPH (Gasoline Range)	mg/l	1.00	0.865	86	72 - 122	4641
BTEX/GRO Surr., a,a,a-TFT	% Recovery			97	70 - 124	1623
BTEX/GRO Surr., a,a,a-TFT	% Recovery			97	70 - 124	4641
VOA PARAMETERS						
Methyl-t-butyl ether	mg/l	0.0500	0.0527	105	70 - 130	4669
Methyl-t-butyl ether	mg/l	0.0500	0.0485	97	70 - 130	5930
Methyl-t-butyl ether	mg/l	0.0500	0.0375	75	70 - 130	5955
Methyl-t-butyl ether	mg/l	0.0500	0.0493	99	70 - 130	6889
Methyl-t-butyl ether	mg/l	0.0500	0.0624	125	70 - 130	7862
Methyl-t-butyl ether	mg/l	0.0500	0.0573	115	70 - 130	6859
Ethanol	mg/L	5.00	5.66	113	40 - 165	4669
Ethanol	mg/L	5.00	4.96	99	40 - 165	5930
Ethanol	mg/L	5.00	4.41	88	40 - 165	6871
Ethanol	mg/L	5.00	4.62	92	40 - 165	1521
Ethanol	mg/L	5.00	4.62	92	40 - 165	1523
VOA Surr 1,2-DCA-d4	% Rec			77	71 - 128	4669
VOA Surr 1,2-DCA-d4	% Rec			97	71 - 128	5930
VOA Surr 1,2-DCA-d4	% Rec			73	71 - 128	5955
VOA Surr 1,2-DCA-d4	% Rec			74	71 - 128	6889
VOA Surr 1,2-DCA-d4	% Rec			71	71 - 128	1521
VOA Surr 1,2-DCA-d4	% Rec			71	71 - 128	1523
VOA Surr Toluene-d8	% Rec			85	77 - 119	4669

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 229313X
Project Name: EXXONMOBIL 7-0238
Page: 4
Laboratory Receipt Date: 6/ 9/04

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA Surr Toluene-d8	% Rec			99	77 - 119	5930
VOA Surr Toluene-d8	% Rec			95	77 - 119	5955
VOA Surr Toluene-d8	% Rec			95	77 - 119	6889
VOA Surr Toluene-d8	% Rec			93	77 - 119	1521
VOA Surr Toluene-d8	% Rec			93	77 - 119	1523
VOA Surr, 4-BFB	% Rec			89	79 - 123	4669
VOA Surr, 4-BFB	% Rec			100	79 - 123	5930
VOA Surr, 4-BFB	% Rec			92	79 - 123	5955
VOA Surr, 4-BFB	% Rec			91	79 - 123	6889
VOA Surr, 4-BFB	% Rec			90	79 - 123	1521
VOA Surr, 4-BFB	% Rec			90	79 - 123	1523
VOA Surr, DBFM	% Rec			92	78 - 124	4669
VOA Surr, DBFM	% Rec			98	78 - 124	5930
VOA Surr, DBFM	% Rec			86	78 - 124	5955
VOA Surr, DBFM	% Rec			89	78 - 124	6889
VOA Surr, DBFM	% Rec			87	78 - 124	1521
VOA Surr, DBFM	% Rec			87	78 - 124	1523

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 229313X
Project Name: EXXONMOBIL 7-0238

Laboratory Receipt Date: 6/ 9/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
Benzene	< 0.00050	mg/l	1623	6/10/04	16:10
Toluene	< 0.0005	mg/l	1623	6/10/04	16:10
Ethylbenzene	< 0.0005	mg/l	1623	6/10/04	16:10
Xylenes (Total)	< 0.0005	mg/l	1623	6/10/04	16:10
TPH (Gasoline Range)	< 0.0500	mg/l	1623	6/10/04	16:10
TPH (Gasoline Range)	< 0.0500	mg/l	4641	6/11/04	1:40
BTEX/GRO Surr., a,a,a-TFT	104.	% Recovery	1623	6/10/04	16:10
BTEX/GRO Surr., a,a,a-TFT	101.	% Recovery	4641	6/11/04	1:40
VOA PARAMETERS					
Methyl-t-butyl ether	< 0.00013	mg/l	4669	6/12/04	7:22
Methyl-t-butyl ether	< 0.00013	mg/l	5930	6/13/04	9:16
Methyl-t-butyl ether	< 0.00013	mg/l	5955	6/13/04	21:45
Methyl-t-butyl ether	< 0.00013	mg/l	6889	6/14/04	21:40
Methyl-t-butyl ether	< 0.00013	mg/l	7862	6/14/04	14:23
Methyl-t-butyl ether	< 0.00013	mg/l	6859	6/15/04	13:20
Ethanol	< 0.0142	mg/L	4669	6/12/04	7:22
Ethanol	< 0.0142	mg/L	5930	6/13/04	9:16
Ethanol	< 0.0142	mg/L	6871	6/14/04	9:34
Ethanol	< 0.0142	mg/L	1521	6/18/04	11:28
Ethanol	< 0.0142	mg/L	1523	6/18/04	22:50
VOA Surr 1,2-DCA-d4	79.	% Rec	4669	6/12/04	7:22
VOA Surr 1,2-DCA-d4	101.	% Rec	5930	6/13/04	9:16
VOA Surr 1,2-DCA-d4	78.	% Rec	5955	6/13/04	21:45
VOA Surr 1,2-DCA-d4	79.	% Rec	6889	6/14/04	21:40
VOA Surr 1,2-DCA-d4	78.	% Rec	1521	6/18/04	11:28
VOA Surr 1,2-DCA-d4	77.	% Rec	1523	6/18/04	22:50
VOA Surr Toluene-d8	84.	% Rec	4669	6/12/04	7:22

Project QC continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

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PROJECT QUALITY CONTROL DATA
Project Number: 229313X
Project Name: EXXONMOBIL 7-0238
Page: 6
Laboratory Receipt Date: 6/ 9/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
VOA Surr Toluene-d8	102.	% Rec	5930	6/13/04	9:16
VOA Surr Toluene-d8	94.	% Rec	5955	6/13/04	21:45
VOA Surr Toluene-d8	93.	% Rec	6889	6/14/04	21:40
VOA Surr Toluene-d8	94.	% Rec	1521	6/18/04	11:28
VOA Surr Toluene-d8	92.	% Rec	1523	6/18/04	22:50
VOA Surr, 4-BFB	91.	% Rec	4669	6/12/04	7:22
VOA Surr, 4-BFB	110.	% Rec	5930	6/13/04	9:16
VOA Surr, 4-BFB	93.	% Rec	5955	6/13/04	21:45
VOA Surr, 4-BFB	91.	% Rec	6889	6/14/04	21:40
VOA Surr, 4-BFB	91.	% Rec	1521	6/18/04	11:28
VOA Surr, 4-BFB	90.	% Rec	1523	6/18/04	22:50
VOA Surr, DBFM	96.	% Rec	4669	6/12/04	7:22
VOA Surr, DBFM	98.	% Rec	5930	6/13/04	9:16
VOA Surr, DBFM	91.	% Rec	5955	6/13/04	21:45
VOA Surr, DBFM	92.	% Rec	6889	6/14/04	21:40
VOA Surr, DBFM	92.	% Rec	1521	6/18/04	11:28
VOA Surr, DBFM	92.	% Rec	1523	6/18/04	22:50

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 378186

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#** 378186

Client Name : ERI

Cooler Received/Opened On: 6/9/04 **Accessioned By:** Mike McBride

Log-in Personnel Signature

1. Temperature of Cooler when triaged: 4.2 **Degrees Celsius**
2. Were custody seals on outside of cooler?..... (YES)...NO....NA
   a. If yes, how many, what kind and where: (1) Front
3. Were custody seals on containers and intact?..... (NO)..YES...NA
4. Were the seals intact, signed, and dated correctly?..... (YES)...NO...NA
5. Were custody papers inside cooler?..... (YES)...NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?..... (YES)..NO...NA
7. Did you sign the custody papers in the appropriate place?..... (YES)...NO...NA
8. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Other None
9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition (unbroken)?..... (YES)..NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?..... (YES)..NO...NA
12. Did all container labels and tags agree with custody papers?..... (YES)..NO...NA
13. Were correct containers used for the analysis requested?..... (YES)..NO...NA
14. a. Were VOA vials received?..... (YES)..NO...NA
    b. Was there any observable head space present in any VOA vial?..... (NO)..YES...NA
15. Was sufficient amount of sample sent in each container?..... (YES)..NO...NA
16. Were correct preservatives used?..... (YES)..NO...NA
    If not, record standard ID of preservative used here_____
17. Was residual chlorine present?..... NO...YES...(NA)
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

9257 _____ _____ _____ _____

(Fed-Ex) UPS Velocity Airborne Route Off-street Misc.

19. If a Non-Conformance exists, see attached or comments below:

378186

CHAIN OF CUSTODY RECORD

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

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 601 N. McDowell Blvd
City/State/Zip: Petaluma CA 94954
Project Manager: Rob Saur
Telephone Number: 707 766-2019
ERI Job Number: 229313X
Sampler Name: (Print) Eric Brown
Sampler Signature:

ExxonMobil Engineer: Gene N. Ortega
Telephone Number: (925) 246-8747
Account #: 3876
PO #: 4504239053
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 "QCBB".

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Soil	Vapor	Analyze For: TPHd 8015B	TPHg 8015B	BTEX 8021B	MTBE 8260B	Confirm MTBE 8260B	Oxygenates 8260B	VOCs 8260B	Ethanol 8260B			
QCBB	6/7/04	12:51			HCl	2 VOAs	X				H	O	L	D						
MW9A		16:45			HCl	6 VOAs	X				X	X	X				X	64A	883	13
MW9B		17:13			HCl	6 VOAs	X				X	X	X				X			14
MW9C		17:13			HCl	6 VOAs	X				X	X	X				X			15
MW9D		16:20			HCl	6 VOAs	X				X	X	X				X			16
MW9F		13:40			HCl	6 VOAs	X				X	X	X				X			17
MW9G		14:30			HCl	6 VOAs	X				X	X	X				X			18
MW9H		12:55			HCl	6 VOAs	X				X	X	X				X			19
MW9I	6/7/04	16:30			HCl	6 VOAs	X				X	X	X				X		883	20

Relinquished by: Scott Rose Date: 6/8/04 Time: 9:00 A.M. Received by: Time:

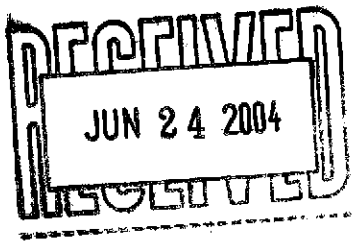
Relinquished by: Date: Time: Received by TestAmerica: Time: 6.9.04 0800

Laboratory Comments:
Temperature Upon Receipt: 4.2
Sample Containers Intact? yes
VOAs Free of Headspace? yes

Sequoia
Analytical

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

21 June, 2004



Corey Weiand
Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma, CA 94954

RE: Former Exxon 7-0238
Work Order: MNF0158

Enclosed are the results of analyses for samples received by the laboratory on 06/04/04 17:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen

Theresa Allen
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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

Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNF0158
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	06/21/04 18:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W-INF	MNF0158-01	Water	06/03/04 13:45	06/04/04 17:20
W-INT-1	MNF0158-02	Water	06/03/04 13:30	06/04/04 17:20
W-INT-2	MNF0158-03	Water	06/03/04 13:15	06/04/04 17:20
PSP-1	MNF0158-04	Water	06/03/04 13:00	06/04/04 17:20

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601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	06/21/04 18:29

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
W-INF (MNF0158-01) Water Sampled: 06/03/04 13:45 Received: 06/04/04 17:20									
Gasoline Range Organics (C4-C12)	**270**	250	ug/l	5	4F09002	06/09/04	06/09/04	EPA 8015B/ 8021B	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	**210**	12	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*55-142*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.8 %*	*70-130*		"	"	"	"	
W-INT-1 (MNF0158-02) Water Sampled: 06/03/04 13:30 Received: 06/04/04 17:20									
Gasoline Range Organics (C4-C12)	**190**	50	ug/l	1	4F09002	06/09/04	06/09/04	EPA 8015B/ 8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*105 %*	*55-142*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*70-130*		"	"	"	"	
W-INT-2 (MNF0158-03) Water Sampled: 06/03/04 13:15 Received: 06/04/04 17:20									
Gasoline Range Organics (C4-C12)	**230**	50	ug/l	1	4F09002	06/09/04	06/09/04	EPA 8015B/ 8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	**1.3**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*55-142*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*70-130*		"	"	"	"	

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601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	06/21/04 18:29

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PSP-1 (MNF0158-04) Water Sampled: 06/03/04 13:00 Received: 06/04/04 17:20									
Gasoline Range Organics (C4-C12)	**160**	50	ug/l	1	4F09002	06/09/04	06/09/04	EPA 8015B/ 8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	**0.76**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*55-142*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*70-130*		"	"	"	"	

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601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	06/21/04 18:29

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
W-INF (MNF0158-01) Water Sampled: 06/03/04 13:45 Received: 06/04/04 17:20									
Diesel Range Organics (C10-C28)	75	50	ug/l	1	4F08001	06/08/04	06/10/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*96.2 %*	*23-128*		"	"	"	"	
W-INT-1 (MNF0158-02) Water Sampled: 06/03/04 13:30 Received: 06/04/04 17:20									
Diesel Range Organics (C10-C28)	ND	50	ug/l	1	4F08001	06/08/04	06/10/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*98.4 %*	*23-128*		"	"	"	"	
W-INT-2 (MNF0158-03) Water Sampled: 06/03/04 13:15 Received: 06/04/04 17:20									
Diesel Range Organics (C10-C28)	ND	50	ug/l	1	4F08001	06/08/04	06/11/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*96.0 %*	*23-128*		"	"	"	"	
PSP-1 (MNF0158-04) Water Sampled: 06/03/04 13:00 Received: 06/04/04 17:20									
Diesel Range Organics (C10-C28)	ND	49	ug/l	1	4F08001	06/08/04	06/11/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*96.1 %*	*23-128*		"	"	"	"	

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601 North McDowell Blvd.	Project Number: 7-0238	Reported:
Petaluma CA, 94954	Project Manager: Corey Weiand	06/21/04 18:29

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4F09002 - EPA 5030B [P/T]										
Blank (4F09002-BLK1)				Prepared & Analyzed: 06/09/04						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Benzene	ND	0.25	"							
Toluene	ND	0.25	"							
Ethylbenzene	ND	0.25	"							
Xylenes (total)	ND	0.25	"							
Methyl tert-butyl ether	ND	1.25	"							
Surrogate: a,a,a-Trifluorotoluene	*41.6*		"	*40.0*		*104*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*39.3*		"	*40.0*		*98.2*	*70-130*			
LCS (4F09002-BS1)				Prepared & Analyzed: 06/09/04						
Benzene	10.1	0.50	ug/l	10.0		101	68-140			
Toluene	9.84	0.50	"	10.0		98.4	76-127			
Ethylbenzene	10.2	0.50	"	10.0		102	77-130			
Xylenes (total)	30.1	0.50	"	30.0		100	78-128			
Surrogate: a,a,a-Trifluorotoluene	*42.0*		"	*40.0*		*105*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*40.4*		"	*40.0*		*101*	*70-130*			
LCS (4F09002-BS2)				Prepared & Analyzed: 06/09/04						
Gasoline Range Organics (C4-C12)	210	50	ug/l	250		84.0	62-134			
Surrogate: a,a,a-Trifluorotoluene	*43.0*		"	*40.0*		*108*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*42.5*		"	*40.0*		*106*	*70-130*			
Matrix Spike (4F09002-MS1)	**Source: MNF0141-03**			Prepared & Analyzed: 06/09/04						
Gasoline Range Organics (C4-C12)	438	50	ug/l	550	ND	79.6	62-134			
Benzene	7.17	0.50	"	8.00	ND	89.6	68-140			
Toluene	34.2	0.50	"	37.1	ND	92.2	76-127			
Ethylbenzene	8.45	0.50	"	8.70	ND	97.1	77-130			
Xylenes (total)	41.3	0.50	"	42.1	ND	98.1	78-128			
Surrogate: a,a,a-Trifluorotoluene	*42.6*		"	*40.0*		*106*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*43.9*		"	*40.0*		*110*	*70-130*			

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601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	06/21/04 18:29

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4F09002 - EPA 5030B [P/T]										
Matrix Spike Dup (4F09002-MSD1)	**Source: MNF0141-03**			Prepared & Analyzed: 06/09/04						
Gasoline Range Organics (C4-C12)	452	50	ug/l	550	ND	82.2	62-134	3.15	41	
Benzene	7.46	0.50	"	8.00	ND	93.2	68-140	3.96	30	
Toluene	35.5	0.50	"	37.1	ND	95.7	76-127	3.73	30	
Ethylbenzene	8.75	0.50	"	8.70	ND	101	77-130	3.49	21	
Xylenes (total)	42.7	0.50	"	42.1	ND	101	78-128	3.33	21	
Surrogate: α,α,α-Trifluorotoluene	*43.2*		"	*40.0*		*108*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*45.0*		"	*40.0*		*112*	*70-130*			

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601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	06/21/04 18:29

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4F08001 - EPA 3510C										
Blank (4F08001-BLK1)				Prepared & Analyzed: 06/08/04						
Diesel Range Organics (C10-C28)	ND	35	ug/l							
Surrogate: n-Octacosane	*36.6*		"	*50.0*		*73.2*	*23-128*			
LCS (4F08001-BS1)				Prepared & Analyzed: 06/08/04						
Diesel Range Organics (C10-C28)	468	50	ug/l	500		93.6	35-144			
Surrogate: n-Octacosane	*40.4*		"	*50.0*		*80.8*	*23-128*			
LCS Dup (4F08001-BSD1)				Prepared & Analyzed: 06/08/04						
Diesel Range Organics (C10-C28)	431	50	ug/l	500		86.2	35-144	8.23	24	
Surrogate: n-Octacosane	*40.7*		"	*50.0*		*81.4*	*23-128*			

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601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	06/21/04 18:29

Notes and Definitions

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

Monthly Samples

SEQUOIA ANALYTICAL CHAIN OF CUSTODY	MORGAN HILL THERESA ALLEN, PROJECT MGR. PHONE 408/776-9600 FAX 408/782-6308	ENVIRONMENTAL RESOLUTIONS, INC ROB SAUR, PROJ. MGR. 800/382-3591 CORRY WEIAND, ENGINEER 707 766-2028

CONSULTANT NAME: ERI 229511X
ADDRESS: 601 NORTH MCDOWELL
CITY / STATE / ZIP: PETALUMA, CA 94954
CONTACT: COREY WEIAND
PHONE: 800 382-9105
FAX: 707 765-0414
SAMPLER: Jon Herman
SAMPLER SIGNATURE: Jon Herman

PROJECT: FORMER EXXON 7-0238, 2200 EAST 12TH STREET
P.O.#: 4504239009
PROJECT MGR.: ROB SAUR
EXXONMOBIL TM: GENE ORTEGA
QC DATA: LEVEL II (STANDARD)
DRINKING WATER:
WASTE WATER:
OTHER: X

MVP0158

*Deisel analysis to be run with Silica Gel Clean Up.

ANALYSES REQUESTED

SAMPLE ID	DATE	TIME	# CONT	MATRIX	PRESERVATIVE	TPH/BTEX/MTBE 8015m/8021B		TPHd 8015m*					72 hour TAT	10 day TAT	Fax Results
W-INF #1	6/3/04	1345	2/4	H_2O	None/HCL	X		X						X	
W-INT-1 #2	6/3/04	1350	2/4	H_2O	None/HCL	X		X						X	
W-INT-2 #3	6/3/04	1355	2/4	H_2O	None/HCL	X		X						X	
PSP-1 #4	6/3/04	1400	2/4	H_2O	None/HCL	X		X						X	

RELINQUISHED BY: J Herman DATE 6/4/04 TIME 900 RECEIVED BY: Jon Herman DATE 6/4/04 TIME 900
RELINQUISHED BY: _____ DATE _____ TIME _____ RECEIVED BY: _____ DATE 6/4/04 TIME 1600

TEMP _____ SAMPLE CONTAINERS INTACT? 6/4/04 N 1720 VOA'S FREE OF HEADSPACE? Y N A-L 6/4/04 17:20

\\2294\COCS

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ERT
REC. BY (PRINT): A.L
WORKORDER: MNF6158

DATE REC'D AT LAB: 6/4/04
TIME REC'D AT LAB: 17:30
DATE LOGGED IN: 6-7-04

IR GUN USED? YES / NO
WAS TEMP. BLANK INCLUDED? YES / NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	SAMPLE MATRIX	DATE SAMPLED	REMARKS / CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*			W-INF	(2) Amber	None/HCl	L	6/3/04	
				(4) VOA		L	↓	
2. Chain-of-Custody (Present) / Absent*								
3. Traffic Reports or Packing List: Present / (Absent)			W-INT-1	(2) Amber	None/HCl	L	6/3/04	
				(2) VOA		L	↓	
4. Airbill: Airbill / Sticker Present / (Absent)			W-INT-2	(2) Amber	None/HCl	L	6/3/04	
				(2) VOA		L	↓	
5. Airbill #:								
6. Sample Labels: (Present) / Absent			PSP-1	(2) Amber	None	L	6/3/04	
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody				(2) VOA	HCl	L	↓	
8. Sample Condition: (Intact) / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*								
10. Sample received within hold time: (Yes) / No*								
11. Adequate sample volume received? (Yes) / No*								
12. Proper Preservatives used: (Yes) / No*								
13. Temp Rec. at Lab: 12C Is temp 4 +/-2°C? Yes / No**								
(Acceptance range for samples requiring thermal pres.) **Exception (if any): METALS (OFF ON ICE) or Problem COC								

A.L 06/04/04

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

SRL rv 4.xls
Revision 4 (11/10/03)
Revision 3 (03/18/03)

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May 28 , 2004

Rob Saur
Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma, CA 94954

RE: Former Exxon 7-0238
Work Order: MNE0436

Enclosed are the results of analyses for samples received by the laboratory on 05/15/04. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen

Theresa Allen
Project Manager

CA ELAP Certificate Number 1210

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNE0436
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	05/28/04 16:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W-INF	MNE0436-01	Water	05/13/04 15:45	05/15/04 08:30
W-INT-1	MNE0436-02	Water	05/13/04 15:30	05/15/04 08:30
W-INT-2	MNE0436-03	Water	05/13/04 15:15	05/15/04 08:30
PSP-1	MNE0436-04	Water	05/13/04 15:00	05/15/04 08:30

The samples were received at 6°C.

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601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	05/28/04 16:40

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
W-INF (MNE0436-01) Water Sampled: 05/13/04 15:45 Received: 05/15/04 08:30									
Gasoline Range Organics (C4-C12)	**700**	500	ug/l	10	4E26004	05/26/04	05/26/04	EPA 8015B/ 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**430**	25	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*91.5 %*	*55-142*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.0 %*	*70-130*		"	"	"	"	
W-INT-1 (MNE0436-02) Water Sampled: 05/13/04 15:30 Received: 05/15/04 08:30									
Gasoline Range Organics (C4-C12)	**160**	50	ug/l	1	4E26004	05/26/04	05/26/04	EPA 8015B/ 8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*95.5 %*	*55-142*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*82.2 %*	*70-130*		"	"	"	"	
W-INT-2 (MNE0436-03) Water Sampled: 05/13/04 15:15 Received: 05/15/04 08:30									
Gasoline Range Organics (C4-C12)	**200**	50	ug/l	1	4E26004	05/26/04	05/26/04	EPA 8015B/ 8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*86.5 %*	*55-142*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85.0 %*	*70-130*		"	"	"	"	

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601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	05/28/04 16:40

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PSP-1 (MNE0436-04) Water Sampled: 05/13/04 15:00 Received: 05/15/04 08:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	4E26004	05/26/04	05/26/04	EPA 8015B/ 8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*93.5 %*		*55-142*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*81.5 %*		*70-130*	"	"	"	"	

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNE0436
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	05/28/04 16:40

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
W-INF (MNE0436-01) Water Sampled: 05/13/04 15:45 Received: 05/15/04 08:30									
Diesel Range Organics (C10-C28)	**64**	50	ug/l	1	4E19001	05/19/04	05/19/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*104 %*	*23-128*		"	"	"	"	
W-INT-1 (MNE0436-02) Water Sampled: 05/13/04 15:30 Received: 05/15/04 08:30									
Diesel Range Organics (C10-C28)	ND	50	ug/l	1	4E19001	05/19/04	05/19/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*101 %*	*23-128*		"	"	"	"	
W-INT-2 (MNE0436-03) Water Sampled: 05/13/04 15:15 Received: 05/15/04 08:30									
Diesel Range Organics (C10-C28)	ND	50	ug/l	1	4E19001	05/19/04	05/19/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*96.6 %*	*23-128*		"	"	"	"	
PSP-1 (MNE0436-04) Water Sampled: 05/13/04 15:00 Received: 05/15/04 08:30									
Diesel Range Organics (C10-C28)	ND	50	ug/l	1	4E19001	05/19/04	05/19/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*96.8 %*	*23-128*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNE0436
601 North McDowell Blvd.	Project Number: 7-0238	Reported:
Petaluma CA, 94954	Project Manager: Rob Saur	05/28/04 16:40

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4E26004 - EPA 5030B [P/T]										
Blank (4E26004-BLK1)				Prepared & Analyzed: 05/26/04						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Benzene	ND	0.25	"							
Toluene	ND	0.25	"							
Ethylbenzene	ND	0.25	"							
Xylenes (total)	ND	0.25	"							
Methyl tert-butyl ether	ND	1.25	"							
Surrogate: a,a,a-Trifluorotoluene	*35.4*		"	*40.0*		*88.5*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*32.8*		"	*40.0*		*82.0*	*70-130*			
LCS (4E26004-BS1)				Prepared & Analyzed: 05/26/04						
Benzene	9.04	0.50	ug/l	10.0		90.4	68-140			
Toluene	9.27	0.50	"	10.0		92.7	76-127			
Ethylbenzene	9.47	0.50	"	10.0		94.7	77-130			
Xylenes (total)	28.6	0.50	"	30.0		95.3	78-128			
Surrogate: a,a,a-Trifluorotoluene	*37.9*		"	*40.0*		*94.8*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*34.2*		"	*40.0*		*85.5*	*70-130*			
LCS (4E26004-BS2)				Prepared & Analyzed: 05/26/04						
Gasoline Range Organics (C4-C12)	258	50	ug/l	250		103	62-134			
Surrogate: a,a,a-Trifluorotoluene	*38.7*		"	*40.0*		*96.8*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*37.0*		"	*40.0*		*92.5*	*70-130*			
Matrix Spike (4E26004-MS1)		Source: MNE0436-04		Prepared & Analyzed: 05/26/04						
Gasoline Range Organics (C4-C12)	616	50	ug/l	550	ND	112	62-134			
Benzene	10.3	0.50	"	8.00	ND	129	68-140			
Toluene	36.2	0.50	"	37.1	0.090	97.3	76-127			
Ethylbenzene	8.43	0.50	"	8.70	0.080	96.0	77-130			
Xylenes (total)	42.2	0.50	"	42.1	0.25	99.6	78-128			
Surrogate: a,a,a-Trifluorotoluene	*35.2*		"	*40.0*		*88.0*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*41.2*		"	*40.0*		*103*	*70-130*			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNE0436
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	05/28/04 16:40

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4E26004 - EPA 5030B [P/T]										
Matrix Spike Dup (4E26004-MSD1)	**Source: MNE0436-04**		Prepared & Analyzed: 05/26/04							
Gasoline Range Organics (C4-C12)	622	50	ug/l	550	ND	113	62-134	0.969	41	
Benzene	10.5	0.50	"	8.00	ND	131	68-140	1.92	30	
Toluene	36.8	0.50	"	37.1	0.090	98.9	76-127	1.64	30	
Ethylbenzene	8.45	0.50	"	8.70	0.080	96.2	77-130	0.237	21	
Xylenes (total)	42.3	0.50	"	42.1	0.25	99.9	78-128	0.237	21	
Surrogate: a,a,a-Trifluorotoluene	*35.3*		"	*40.0*		*88.2*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*41.8*		"	*40.0*		*104*	*70-130*			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNE0436
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	05/28/04 16:40

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4E19001 - EPA 3510C										
Blank (4E19001-BLK1)				Prepared & Analyzed: 05/19/04						
Diesel Range Organics (C10-C28)	ND	35	ug/l							
Surrogate: n-Octacosane	*46.1*		"	*50.0*		*92.2*	*23-128*			
LCS (4E19001-BS1)				Prepared & Analyzed: 05/19/04						
Diesel Range Organics (C10-C28)	392	50	ug/l	500		78.4	35-144			
Surrogate: n-Octacosane	*42.9*		"	*50.0*		*85.8*	*23-128*			
LCS Dup (4E19001-BSD1)				Prepared & Analyzed: 05/19/04						
Diesel Range Organics (C10-C28)	424	50	ug/l	500		84.8	35-144	7.84	24	
Surrogate: n-Octacosane	*43.6*		"	*50.0*		*87.2*	*23-128*			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNE0436
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	05/28/04 16:40

Notes and Definitions

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

Monthly Samples

MNE0436

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

MORGAN HILL
THERESA ALLEN, PROJECT MGR.
PHONE 408/776-9600 FAX 408/782-6308

ENVIRONMENTAL RESOLUTIONS, INC
ROB SAUR, PROJ. MGR. 415/382-3591
MATT HERMAN, ENGINEER 415/382-4360

2293 11X

CONSULTANT NAME: ERI
ADDRESS: 73 DIGITAL DRIVE, SUITE 100
CITY / STATE / ZIP: NOVATO, CA 94949
CONTACT: MATT HERMAN
PHONE: 415/382-4360
FAX: 415/382-1856
SAMPLER: J Herrman
SAMPLER SIGNATURE: Jon Herrman

PROJECT: FORMER EXXON 7-0238, 2200 EAST 12TH STREET
P.O.#: 4504239009
PROJECT MGR.: ROB SAUR
EXXONMOBIL TM: GENE ORTEGA
QC DATA: LEVEL II (STANDARD)
DRINKING WATER:
WASTE WATER:
OTHER: X

*Deisel analysis to be run with Silica Gel Clean Up.

ANALYSES REQUESTED

SAMPLE ID	DATE	TIME	# CONT	MATRIX	PRESERVATIVE	TPHG/BTEX/MTBE 8015m/8021B		TPHd 8015m*					72 hour TAT	10 day TAT	Fax Results
W-INF 01	5/13/04	1545	2/4	H_2O	None/HCL	X		X						X	
W-INT-1 02	5/13/04	1530	2/4	H_2O	None/HCL	X		X						X	
W-INT-2 03	5/13/04	1515	2/4	H_2O	None/HCL	X		X						X	
PSP-1 04	5/13/04	1500	2/4	H_2O	None/HCL	X		X						X	

RELINQUISHED BY: J Herrman DATE 5/14/04 TIME 949 RECEIVED BY: Jon Herrman DATE 5/14/04 TIME 945

RELINQUISHED BY: Con DATE ____ TIME ____ RECEIVED BY: [signature] DATE 5-15-04 TIME 0830

TEMP ____ SAMPLE CONTAINERS INTACT? Y N VOA'S FREE OF HEADSPACE? Y N

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ERL
REC. BY (PRINT) Linda Pawlak
WORKORDER: MUE0436

DATE REC'D AT LAB: 5-15-04
TIME REC'D AT LAB: 0830
DATE LOGGED IN: 5-17-04

DRINKING WATER for regulatory purposes: YES / (NO)
WASTE WATER for regulatory purposes: YES / (NO)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*	01		W-INF	1L Amber	—	L	5-13-04	
	↓		↓	Voa 4	HCL			
2. Chain-of-Custody (Present) / Absent*	02		W-INF 1	1L Amber 2	—			
	↓		↓	Voa 4	HCL			
3. Traffic Reports or Packing List: Present / (Absent)	03		W INT-2	1L Amber 2	—			
4. Airbill: (Airbill) / Sticker Present / Absent	↓		↓	Voa 4	HCL			
	04		PSP-1	1L Amber 2	—			
5. Airbill #: 880100267243	↓		↓	Voa 4	HCL	↓	↓	
6. Sample Labels: (Present) / Absent								
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody								
8. Sample Condition: (Intact) / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*								
10. Sample received within hold time: (Yes) / No*								
11. Adequate sample volume received? (Yes) / No*								
12. Proper Preservatives used: (Yes) / No*								
13. Temp Rec. at Lab: 6.0 Is temp 4 +/-2°C? Yes / No**								

(Acceptance range for samples requiring thermal pres.)

Exception (if any): METALS / DFF ON ICE

**Problem COC

5-15-04 No

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MND0092
73 Digital Drive, Suite 100	Project Number: 7-0238	**Reported:**
Novato CA, 94949	Project Manager: Rob Saur	04/20/04 09:48

Notes and Definitions

QM01	The spike recovery was above control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
HC-19	Discrete peak @ C6-C7.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Sequoia Analytical

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April 20 , 2004

Rob Saur
Environmental Resolutions (Exxon)
73 Digital Drive, Suite 100
Novato, CA 94949

RE: Former Exxon 7-0238
Work Order: MND0092

Enclosed are the results of analyses for samples received by the laboratory on 04/06/04. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angel Pitts For Theresa Allen
Project Manager

CA ELAP Certificate Number 1210

Sequoia Analytical

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Environmental Resolutions (Exxon) 73 Digital Drive, Suite 100 Novato CA, 94949	Project: Former Exxon 7-0238 Project Number: 7-0238 Project Manager: Rob Saur	MND0092 **Reported:** 04/20/04 09:48

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W-INF	MND0092-01	Water	04/02/04 14:45	04/06/04 09:30
W-INT-1	MND0092-02	Water	04/02/04 14:30	04/06/04 09:30
W-INT-2	MND0092-03	Water	04/02/04 14:15	04/06/04 09:30
PSP-1	MND0092-04	Water	04/02/04 14:00	04/06/04 09:30

Samples were received at 3.2°C.

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MND0092
73 Digital Drive, Suite 100	Project Number: 7-0238	**Reported:**
Novato CA, 94949	Project Manager: Rob Saur	04/20/04 09:48

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
W-INF (MND0092-01) Water Sampled: 04/02/04 14:45 Received: 04/06/04 09:30									
Gasoline Range Organics (C4-C12)	ND	1000	ug/l	20	4D13038	04/13/04	04/14/04	EPA 8015B/ 8021B	
Benzene	ND	10	"	"	"	"	"	"	
Toluene	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	**350**	50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*108 %*	*55-142*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.0 %*	*70-130*		"	"	"	"	
W-INT-1 (MND0092-02) Water Sampled: 04/02/04 14:30 Received: 04/06/04 09:30									
Gasoline Range Organics (C4-C12)	**190**	50	ug/l	1	4D13038	04/13/04	04/14/04	EPA 8015B/ 8021B	HC-19
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**86**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*105 %*	*55-142*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.0 %*	*70-130*		"	"	"	"	
W-INT-2 (MND0092-03) Water Sampled: 04/02/04 14:15 Received: 04/06/04 09:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	4D13038	04/13/04	04/13/04	EPA 8015B/ 8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*107 %*	*55-142*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.2 %*	*70-130*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MND0092
73 Digital Drive, Suite 100	Project Number: 7-0238	**Reported:**
Novato CA, 94949	Project Manager: Rob Saur	04/20/04 09:48

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PSP-1 (MND0092-04) Water Sampled: 04/02/04 14:00 Received: 04/06/04 09:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	4D13038	04/13/04	04/13/04	EPA 8015B/ 8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*110 %*	*55-142*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.8 %*	*70-130*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MND0092
73 Digital Drive, Suite 100	Project Number: 7-0238	**Reported:**
Novato CA, 94949	Project Manager: Rob Saur	04/20/04 09:48

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
W-INF (MND0092-01) Water Sampled: 04/02/04 14:45 Received: 04/06/04 09:30									
Diesel Range Organics (C10-C28)	ND	50	ug/l	1	4D07044	04/07/04	04/08/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*82.0 %*	*23-128*		"	"	"	"	
W-INT-1 (MND0092-02) Water Sampled: 04/02/04 14:30 Received: 04/06/04 09:30									
Diesel Range Organics (C10-C28)	ND	50	ug/l	1	4D07044	04/07/04	04/08/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*80.0 %*	*23-128*		"	"	"	"	
W-INT-2 (MND0092-03) Water Sampled: 04/02/04 14:15 Received: 04/06/04 09:30									
Diesel Range Organics (C10-C28)	ND	50	ug/l	1	4D07044	04/07/04	04/08/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*83.6 %*	*23-128*		"	"	"	"	
PSP-1 (MND0092-04) Water Sampled: 04/02/04 14:00 Received: 04/06/04 09:30									
Diesel Range Organics (C10-C28)	ND	50	ug/l	1	4D07044	04/07/04	04/08/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*84.4 %*	*23-128*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MND0092
73 Digital Drive, Suite 100	Project Number: 7-0238	**Reported:**
Novato CA, 94949	Project Manager: Rob Saur	04/20/04 09:48

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4D13038 - EPA 5030B [P/T]										
Blank (4D13038-BLK1)				Prepared & Analyzed: 04/13/04						
Surrogate: a,a,a-Trifluorotoluene	*43.4*		*ug/l*	*40.0*		*108*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*38.0*		"	*40.0*		*95.0*	*70-130*			
Gasoline Range Organics (C4-C12)	ND	50	"							
Benzene	ND	0.25	"							
Toluene	ND	0.25	"							
Ethylbenzene	ND	0.25	"							
Xylenes (total)	ND	0.25	"							
Methyl tert-butyl ether	ND	1.25	"							
LCS (4D13038-BS1)				Prepared & Analyzed: 04/13/04						
Surrogate: a,a,a-Trifluorotoluene	*43.4*		*ug/l*	*40.0*		*108*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*37.0*		"	*40.0*		*92.5*	*70-130*			
Benzene	10.6	0.50	"	10.0		106	68-140			
Toluene	10.4	0.50	"	10.0		104	76-127			
Ethylbenzene	10.7	0.50	"	10.0		107	77-130			
Xylenes (total)	29.9	0.50	"	30.0		99.7	78-128			
LCS (4D13038-BS2)				Prepared & Analyzed: 04/13/04						
Surrogate: a,a,a-Trifluorotoluene	*40.2*		*ug/l*	*40.0*		*100*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*39.4*		"	*40.0*		*98.5*	*70-130*			
Gasoline Range Organics (C4-C12)	240	50	"	250		96.0	62-134			
Matrix Spike (4D13038-MS1)		**Source: MND0174-03**		Prepared & Analyzed: 04/13/04						
Surrogate: a,a,a-Trifluorotoluene	*37.5*		*ug/l*	*40.0*		*93.8*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*42.5*		"	*40.0*		*106*	*70-130*			
Gasoline Range Organics (C4-C12)	64200	5000	"	55000	15000	89.5	62-134			
Benzene	1210	50	"	800	90	140	68-140			QM01
Toluene	3730	50	"	3710	9.0	100	76-127			
Ethylbenzene	1630	50	"	870	840	90.8	77-130			
Xylenes (total)	7100	50	"	4210	3600	83.1	78-128			

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MND0092
73 Digital Drive, Suite 100	Project Number: 7-0238	**Reported:**
Novato CA, 94949	Project Manager: Rob Saur	04/20/04 09:48

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4D13038 - EPA 5030B [P/T]										
Matrix Spike Dup (4D13038-MSD1)	**Source: MND0174-03**		Prepared & Analyzed: 04/13/04							
Surrogate: a,a,a-Trifluorotoluene	*38.0*		*ug/l*	*40.0*		*95.0*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*44.6*		"	*40.0*		*112*	*70-130*			
Gasoline Range Organics (C4-C12)	65000	5000	"	55000	15000	90.9	62-134	1.24	41	
Benzene	1220	50	"	800	90	141	68-140	0.823	30	QM01
Toluene	3770	50	"	3710	9.0	101	76-127	1.07	30	
Ethylbenzene	1650	50	"	870	840	93.1	77-130	1.22	21	
Xylenes (total)	7210	50	"	4210	3600	85.7	78-128	1.54	21	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MND0092
73 Digital Drive, Suite 100	Project Number: 7-0238	**Reported:**
Novato CA, 94949	Project Manager: Rob Saur	04/20/04 09:48

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4D07044 - EPA 3510C										
Blank (4D07044-BLK1)				Prepared: 04/07/04 Analyzed: 04/08/04						
Surrogate: n-Octacosane	*37.0*		*ug/l*	*50.0*		*74.0*	*23-128*			
Diesel Range Organics (C10-C28)	ND	35	"							
LCS (4D07044-BS1)				Prepared: 04/07/04 Analyzed: 04/08/04						
Surrogate: n-Octacosane	*36.1*		*ug/l*	*50.0*		*72.2*	*23-128*			
Diesel Range Organics (C10-C28)	408	50	"	500		81.6	35-144			
LCS Dup (4D07044-BSD1)				Prepared: 04/07/04 Analyzed: 04/08/04						
Surrogate: n-Octacosane	*37.6*		*ug/l*	*50.0*		*75.2*	*23-128*			
Diesel Range Organics (C10-C28)	415	50	"	500		83.0	35-144	1.70	24	

Monthly Samples

MW00092

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

MORGAN HILL
THERESA ALLEN, PROJECT MGR.
PHONE 408/776-9600 FAX 408/782-6308

ENVIRONMENTAL RESOLUTIONS, INC
ROB SAUR, PROJ. MGR. 415/382-3591
MATT HERMAN, ENGINEER 415/382-4360

CONSULTANT NAME	ERI
ADDRESS	73 DIGITAL DRIVE, SUITE 100
CITY / STATE / ZIP	NOVATO, CA 94949
CONTACT	MATT HERMAN
PHONE	415/382-4360
FAX	415/382-1856
SAMPLER	J Herman
SAMPLER SIGNATURE	Jon Herman

PROJECT	FORMER EXXON 7-0238, 2200 EAST 12TH STREET
P.O.#	4504239009
PROJECT MGR.	ROB SAUR
EXXONMOBIL TM	GENE ORTEGA
QC DATA	LEVEL II (STANDARD)
DRINKING WATER	
WASTE WATER	
OTHER	X

*Deisel analysis to be run with Silica Gel Clean Up.

ANALYSES REQUESTED

SAMPLE ID		DATE	TIME	# CONT	MATRIX	PRESERVATIVE	TPHG/BTEX/MTBE 8015m/8021B		TPHd 8015m*					72 hour TAT	10 day TAT	Fax Results
X W-INF	01	4/2/04	2 45	2/4	H_2O	None/HCL	X		X						X	
X W-INT-1	02	4/2/04	2 34	2/4	H_2O	None/HCL	X		X						X	
X W-INT-2	03	4/2/04	2 15	2/4	H_2O	None/HCL	X		X						X	
X PSP-1	04	4/2/04	2 00	2/4	H_2O	None/HCL	X		X						X	

RELINQUISHED BY: J Herman DATE 4/5/04 TIME 1230 RECEIVED BY: Jon Herman DATE 4/5/04 TIME 1230

RELINQUISHED BY: [signature] DATE 4/5/04 TIME [illegible] RECEIVED BY: CON DATE _____ TIME _____

TEMP 3.2° SAMPLE CONTAINERS INTACT? (Y) N VOA'S FREE OF HEADSPACE? (Y) N

CON

Austin Jensen 4-6-04 0930

FN OM\2294\COC'S

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ERI
REC. BY (PRINT) AS
WORKORDER: MND0092

DATE REC'D AT LAB: 4-6-04
TIME REC'D AT LAB: 0930
DATE LOGGED IN: 4-6-04

DRINKING WATER for regulatory purposes: YES / (NO)
WASTE WATER for regulatory purposes: YES / (NO)

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / ~~Absent~~			W-INF	2-Lamber	—	L	4-2-04	
	Intact / Broken*			↓	4-voas	HCl			
2. Chain-of-Custody	(Present) / Absent*			W-INT1	Same	same			
3. Traffic Reports or Packing List:	Present / ~~Absent~~			W-INT2					
				PSP-1	↓	↓	↓	↓	
4. Airbill:	Airbill / ~~Sticker~~								
	(Present) / Absent								
5. Airbill #: 470496285 CON									
6. Sample Labels:	(Present) / Absent								
7. Sample IDs:	(Listed) / Not Listed on Chain-of-Custody								
8. Sample Condition:	(Intact) / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree?	(Yes) / No*								
10. Sample received within hold time:	(Yes) / No*								
11. Adequate sample volume received?	(Yes) / No*								
12. Proper Preservatives used:	(Yes) / No*								
13. Temp Rec. at Lab: 3.2°C									
Is temp 4 +/-2°C?	(Yes) / No**								

(Acceptance range for samples requiring thermal pres.)

**Exception (if any): METALS / DFF ON ICE or Problem COC

4-6-04 AS

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

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21 June, 2004

Corey Weiand
Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma, CA 94954

RE: Former Exxon 7-0238
Work Order: MNF0128

Enclosed are the results of analyses for samples received by the laboratory on 06/04/04 17:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angel Pitts For Theresa Allen
Project Manager

CA ELAP Certificate #1210

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNF0128
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	06/21/04 13:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A-EFF	MNF0128-01	Air	06/03/04 11:45	06/04/04 17:20
A-INF	MNF0128-02	Air	06/03/04 12:00	06/04/04 17:20

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNF0128
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	06/21/04 13:33

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-EFF (MNF0128-01) Air Sampled: 06/03/04 11:45 Received: 06/04/04 17:20									**HT-09**
Gasoline Range Organics (C4-C12)	**16**	10	mg/m³ Air	1	4F07002	06/07/04	06/07/04	EPA 8015B/ 8021B	
Benzene	**0.11**	0.10	"	"	"	"	"	"	CF1
Toluene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
Xylenes (total)	ND	0.20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*101 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.5 %*	*70-130*		"	"	"	"	
Gasoline Range Organics (C4-C12)	**4.5**	2.4	ppmv	"	"	"	"	"	
Benzene	**0.034**	0.031	"	"	"	"	"	"	CF1
Toluene	ND	0.027	"	"	"	"	"	"	
Ethylbenzene	ND	0.023	"	"	"	"	"	"	
Xylenes (total)	ND	0.047	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.14	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*101 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.4 %*	*70-130*		"	"	"	"	
A-INF (MNF0128-02) Air Sampled: 06/03/04 12:00 Received: 06/04/04 17:20									**HT-09**
Gasoline Range Organics (C4-C12)	**720**	200	mg/m³ Air	20	4F10015	06/10/04	06/10/04	EPA 8015B/ 8021B	
Benzene	**3.1**	2.0	"	"	"	"	"	"	CF1
Toluene	ND	2.0	"	"	"	"	"	"	CF1
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
Xylenes (total)	**4.4**	4.0	"	"	"	"	"	"	CF1
Methyl tert-butyl ether	**32**	10	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*114 %*	*70-130*		"	"	"	"	
Gasoline Range Organics (C4-C12)	**210**	49	ppmv	20	"	"	"	"	
Benzene	**0.98**	0.63	"	"	"	"	"	"	CF1
Toluene	ND	0.53	"	"	"	"	"	"	CF1
Ethylbenzene	ND	0.46	"	"	"	"	"	"	
Xylenes (total)	**1.0**	0.95	"	"	"	"	"	"	
Methyl tert-butyl ether	**8.8**	2.8	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*114 %*	*70-130*		"	"	"	"	

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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Former Exxon 7-0238 Project Number: 7-0238 Project Manager: Corey Weiand	MNF0128 **Reported:** 06/21/04 13:33

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4F07002 - EPA 5030B [P/T]										
Blank (4F07002-BLK1)			Prepared & Analyzed: 06/07/04							
Gasoline Range Organics (C4-C12)	ND	2.4	ppmv							
Gasoline Range Organics (C4-C12)	ND	10	mg/m³ Air							
Benzene	ND	0.0155	ppmv							
Benzene	ND	0.05	mg/m³ Air							
Toluene	ND	0.0135	ppmv							
Toluene	ND	0.05	mg/m³ Air							
Ethylbenzene	ND	0.0115	ppmv							
Ethylbenzene	ND	0.05	mg/m³ Air							
Xylenes (total)	ND	0.0235	ppmv							
Xylenes (total)	ND	0.1	mg/m³ Air							
Methyl tert-butyl ether	ND	0.07	ppmv							
Methyl tert-butyl ether	ND	0.25	mg/m³ Air							
Surrogate: α,α,α-Trifluorotoluene	*1.33*		*ppmv*	*1.34*		*99.3*	*56-134*			
Surrogate: α,α,α-Trifluorotoluene	*7.97*		*mg/m³ Air*	*8.00*		*99.6*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*0.994*		*ppmv*	*1.12*		*88.8*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*7.11*		*mg/m³ Air*	*8.00*		*88.9*	*70-130*			
LCS (4F07002-BS1)			Prepared & Analyzed: 06/07/04							
Benzene	1.99	0.10	mg/m³ Air	2.00		99.5	62-125			
Benzene	0.624	0.031	ppmv	0.627		99.5	62-125			
Toluene	2.01	0.10	mg/m³ Air	2.00		100	68-121			
Toluene	0.535	0.027	ppmv	0.532		101	68-121			
Ethylbenzene	0.477	0.023	"	0.462		103	75-125			
Ethylbenzene	2.07	0.10	mg/m³ Air	2.00		104	75-125			
Xylenes (total)	6.35	0.20	"	6.00		106	76-121			
Xylenes (total)	1.47	0.047	ppmv	1.38		107	76-121			
Methyl tert-butyl ether	4.16	0.50	mg/m³ Air	4.00		104	70-130			
Methyl tert-butyl ether	1.16	0.14	ppmv	1.11		105	70-130			
Surrogate: α,α,α-Trifluorotoluene	*8.13*		*mg/m³ Air*	*8.00*		*102*	*56-134*			
Surrogate: α,α,α-Trifluorotoluene	*1.36*		*ppmv*	*1.34*		*101*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*1.07*		*"*	*1.12*		*95.5*	*70-130*			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNF0128
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	06/21/04 13:33

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4F07002 - EPA 5030B [P/T]										
LCS (4F07002-BS1)				Prepared & Analyzed: 06/07/04						
Surrogate: 4-Bromofluorobenzene	*7.62*		*mg/m³ Air*	*8.00*		*95.2*	*70-130*			
LCS (4F07002-BS2)				Prepared & Analyzed: 06/07/04						
Gasoline Range Organics (C4-C12)	16.0	2.4	ppmv	14.2		113	65-142			
Gasoline Range Organics (C4-C12)	56.5	10	mg/m³ Air	50.0		113	65-142			
Surrogate: a,a,a-Trifluorotoluene	*1.27*		*ppmv*	*1.34*		*94.8*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*7.58*		*mg/m³ Air*	*8.00*		*94.8*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*1.11*		*ppmv*	*1.12*		*99.1*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*7.96*		*mg/m³ Air*	*8.00*		*99.5*	*70-130*			
LCS Dup (4F07002-BSD1)				Prepared & Analyzed: 06/07/04						
Benzene	0.636	0.031	ppmv	0.627		101	62-125	1.90	31	
Benzene	2.03	0.10	mg/m³ Air	2.00		102	62-125	1.99	31	
Toluene	0.550	0.027	ppmv	0.532		103	68-121	2.76	29	
Toluene	2.07	0.10	mg/m³ Air	2.00		104	68-121	2.94	29	
Ethylbenzene	0.481	0.023	ppmv	0.462		104	75-125	0.835	32	
Ethylbenzene	2.08	0.10	mg/m³ Air	2.00		104	75-125	0.482	32	
Xylenes (total)	1.48	0.047	ppmv	1.38		107	76-121	0.678	29	
Xylenes (total)	6.40	0.20	mg/m³ Air	6.00		107	76-121	0.784	29	
Methyl tert-butyl ether	1.18	0.14	ppmv	1.11		106	70-130	1.71	25	
Methyl tert-butyl ether	4.23	0.50	mg/m³ Air	4.00		106	70-130	1.67	25	
Surrogate: a,a,a-Trifluorotoluene	*7.90*		*"*	*8.00*		*98.8*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*1.32*		*ppmv*	*1.34*		*98.5*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*0.978*		*"*	*1.12*		*87.3*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*6.99*		*mg/m³ Air*	*8.00*		*87.4*	*70-130*			
LCS Dup (4F07002-BSD2)				Prepared & Analyzed: 06/07/04						
Gasoline Range Organics (C4-C12)	55.2	10	mg/m³ Air	50.0		110	65-142	2.33	50	
Gasoline Range Organics (C4-C12)	15.7	2.4	ppmv	14.2		111	65-142	1.89	50	
Surrogate: a,a,a-Trifluorotoluene	*7.74*		*mg/m³ Air*	*8.00*		*96.8*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*1.30*		*ppmv*	*1.34*		*97.0*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*0.808*		*"*	*1.12*		*72.1*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*5.78*		*mg/m³ Air*	*8.00*		*72.2*	*70-130*			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNF0128
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	06/21/04 13:33

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4F10015 - EPA 5030B [P/T]										
Blank (4F10015-BLK1)			Prepared & Analyzed: 06/10/04							
Gasoline Range Organics (C4-C12)	ND	2.4	ppmv							
Gasoline Range Organics (C4-C12)	ND	10	mg/m³ Air							
Benzene	ND	0.0155	ppmv							
Benzene	ND	0.05	mg/m³ Air							
Toluene	ND	0.05	"							
Toluene	ND	0.0135	ppmv							
Ethylbenzene	ND	0.0115	"							
Ethylbenzene	ND	0.05	mg/m³ Air							
Xylenes (total)	ND	0.0235	ppmv							
Xylenes (total)	ND	0.1	mg/m³ Air							
Methyl tert-butyl ether	ND	0.07	ppmv							
Methyl tert-butyl ether	ND	0.25	mg/m³ Air							
Surrogate: a,a,a-Trifluorotoluene	*7.99*		"	*8.00*		*99.9*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*1.34*		*ppmv*	*1.34*		*100*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*7.04*		*mg/m³ Air*	*8.00*		*88.0*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.984*		*ppmv*	*1.12*		*87.9*	*70-130*			
LCS (4F10015-BS1)			Prepared & Analyzed: 06/10/04							
Benzene	0.630	0.031	ppmv	0.627		100	62-125			
Benzene	2.01	0.10	mg/m³ Air	2.00		100	62-125			
Toluene	0.547	0.027	ppmv	0.532		103	68-121			
Toluene	2.06	0.10	mg/m³ Air	2.00		103	68-121			
Ethylbenzene	0.482	0.023	ppmv	0.462		104	75-125			
Ethylbenzene	2.09	0.10	mg/m³ Air	2.00		104	75-125			
Xylenes (total)	6.40	0.20	"	6.00		107	76-121			
Xylenes (total)	1.48	0.047	ppmv	1.38		107	76-121			
Methyl tert-butyl ether	1.12	0.14	"	1.11		101	70-130			
Methyl tert-butyl ether	4.03	0.50	mg/m³ Air	4.00		101	70-130			
Surrogate: a,a,a-Trifluorotoluene	*8.11*		"	*8.00*		*101*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*1.36*		*ppmv*	*1.34*		*101*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*1.04*		"	*1.12*		*92.9*	*70-130*			

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FAX (408) 782-6308
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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNF0128
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	06/21/04 13:33

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4F10015 - EPA 5030B [P/T]										
LCS (4F10015-BS1)				Prepared & Analyzed: 06/10/04						
Surrogate: 4-Bromofluorobenzene	*7.45*		*mg/m³ Air*	*8.00*		*93.1*	*70-130*			
LCS (4F10015-BS2)				Prepared & Analyzed: 06/10/04						
Gasoline Range Organics (C4-C12)	56.5	10	mg/m³ Air	50.0		113	65-142			
Gasoline Range Organics (C4-C12)	16.0	2.4	ppmv	14.2		113	65-142			
Surrogate: a,a,a-Trifluorotoluene	*1.30*		*"*	*1.34*		*97.0*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*7.76*		*mg/m³ Air*	*8.00*		*97.0*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*8.02*		*"*	*8.00*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*1.12*		*ppmv*	*1.12*		*100*	*70-130*			
LCS Dup (4F10015-BSD1)				Prepared & Analyzed: 06/10/04						
Benzene	1.99	0.10	mg/m³ Air	2.00		99.5	62-125	1.00	31	
Benzene	0.623	0.031	ppmv	0.627		99.4	62-125	1.12	31	
Toluene	2.00	0.10	mg/m³ Air	2.00		100	68-121	2.96	29	
Toluene	0.532	0.027	ppmv	0.532		100	68-121	2.78	29	
Ethylbenzene	2.05	0.10	mg/m³ Air	2.00		102	75-125	1.93	32	
Ethylbenzene	0.472	0.023	ppmv	0.462		102	75-125	2.10	32	
Xylenes (total)	1.46	0.047	"	1.38		106	76-121	1.36	29	
Xylenes (total)	6.31	0.20	mg/m³ Air	6.00		105	76-121	1.42	29	
Methyl tert-butyl ether	4.07	0.50	"	4.00		102	70-130	0.988	25	
Methyl tert-butyl ether	1.13	0.14	ppmv	1.11		102	70-130	0.889	25	
Surrogate: a,a,a-Trifluorotoluene	*1.34*		*"*	*1.34*		*100*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*8.02*		*mg/m³ Air*	*8.00*		*100*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*7.14*		*"*	*8.00*		*89.2*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.998*		*ppmv*	*1.12*		*89.1*	*70-130*			
LCS Dup (4F10015-BSD2)				Prepared & Analyzed: 06/10/04						
Gasoline Range Organics (C4-C12)	12.7	2.4	ppmv	14.2		89.4	65-142	23.0	50	
Gasoline Range Organics (C4-C12)	44.7	10	mg/m³ Air	50.0		89.4	65-142	23.3	50	
Surrogate: a,a,a-Trifluorotoluene	*1.32*		*ppmv*	*1.34*		*98.5*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*7.88*		*mg/m³ Air*	*8.00*		*98.5*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*7.05*		*"*	*8.00*		*88.1*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.985*		*ppmv*	*1.12*		*87.9*	*70-130*			

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNF0128
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	06/21/04 13:33

Notes and Definitions

HT-09	The sample was analyzed beyond the industry standard recommended holding time. There is no EPA recommended holding time.
CF1	Primary and confirmation results varied by greater than 40% RPD. The results may still be useful for their intended purpose.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Monthly Air Samples

SEQUOIA ANALYTICAL CHAIN OF CUSTODY	MORGAN HILL LATONYA PILT, PROJECT MGR. PHONE 408/776-9600 FAX 408/782-6308	ENVIRONMENTAL RESOLUTIONS, INC ROB SAUR, PROJ. MGR. 800 382-3591 COREY WEIAND, ENGINEER 707 766-2028

CONSULTANT NAME	ERI 229311X	PROJECT	FORMER EXXON 7-0238, 2200 EAST 12TH STREET
ADDRESS	601 NORTH MCDOWELL	P.O.#	4504239009
CITY / STATE / ZIP	PETALUMA, CA 94954	PROJECT MGR.	ROB SAUR
CONTACT	COREY WEIAND	EXXONMOBIL, TM	GENE ORTEGA
PHONE	707 766-2028	QC DATA	LEVEL II (STANDARD)
FAX	707 766-0414	DRINKING WATER	
SAMPLER	Jon Herman	WASTE WATER	
SAMPLER SIGNATURE	Jon Herman	OTHER	X

MDF0128

SAMPLE ID	DATE	TIME	# CONT	MATRIX	PRESERVATIVE			ANALYSES REQUESTED: TPHg, BTEX MBE 8015/8020					24 Hour Hold	10 Day TAT
A-Eff	6/3/04	11:45	1	air	None			X					X	X
A-Inf	6/3/04	12:00	1	air	None			X					X	X

RELINQUISHED BY: J Herman DATE 6/4/04 TIME 900 RECEIVED BY: [signature] DATE 6/4/04 TIME 900

RELINQUISHED BY: _____ DATE _____ TIME _____ RECEIVED BY: [signature] DATE 6/4/04 TIME 1600

TEMP _____ SAMPLE CONTAINERS INTACT 6/4/04 Y N 1720 VOA'S FREE OF HEADSPACE Y N 6/4/04 1720

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ERE
REC. BY (PRINT) EB
WORKORDER: MUF 0128

DATE REC'D AT LAB: 6-4-04
TIME REC'D AT LAB: 1720
DATE LOGGED IN:

DRINKING WATER for regulatory purposes: YES / NO
WASTE WATER for regulatory purposes: YES / NO

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent Intact / Broken*			A-EFF L EHP	tedlar L	- L	A L	6-3-04 L	
2. Chain-of-Custody	Present / Absent*								
3. Traffic Reports or Packing List:	Present / Absent								
4. Airbill:	Airbill / Sticker Present / Absent								
5. Airbill #:									
6. Sample Labels:	Present / Absent								
7. Sample IDs:	Listed / Not Listed on Chain-of-Custody								
8. Sample Condition:	Intact / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree?	Yes / No*								
10. Sample received within hold time:	Yes / No*								
11. Adequate sample volume received?	Yes / No*								
12. Proper Preservatives used:	Yes / No*								
13. Temp Rec. at Lab: Is temp 4 +/-2°C?	— Yes / No**								

(Acceptance range for samples requiring thermal pres.)

**Exception (if any): METALS / DFF ON ICE or Problem COC Tedlar

6-4-04

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

SRL rv 4.xls
Revision 4 (11/10/03)
Replaces Revision 3 (03/18/03)
Effective 11/10/03

Sequoia
Analytical

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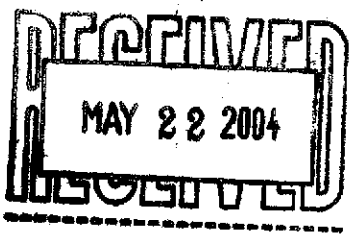
21 May, 2004



Rob Saur
Environmental Resolutions (Exxon)
73 Digital Drive, Suite 100
Novato, CA 94949

RE: Former Exxon 7-0238
Work Order: MNE0377

Enclosed are the results of analyses for samples received by the laboratory on 05/15/04 08:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen

Theresa Allen
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNE0377
73 Digital Drive, Suite 100	Project Number: 7-0238	**Reported:**
Novato CA, 94949	Project Manager: Rob Saur	05/21/04 09:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A-Eff	MNE0377-01	Air	05/13/04 13:00	05/15/04 08:30
A-Inf	MNE0377-02	Air	05/13/04 13:30	05/15/04 08:30

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNE0377
73 Digital Drive, Suite 100	Project Number: 7-0238	**Reported:**
Novato CA, 94949	Project Manager: Rob Saur	05/21/04 09:23

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-Eff (MNE0377-01) Air Sampled: 05/13/04 13:00 Received: 05/15/04 08:30									
Gasoline Range Organics (C4-C12)	ND	10	mg/m³ Air	1	4E17015	05/17/04	05/17/04	EPA 8015B/ 8021B	HT-09
Benzene	ND	0.10	"	"	"	"	"	"	HT-09
Toluene	ND	0.10	"	"	"	"	"	"	HT-09
Ethylbenzene	ND	0.10	"	"	"	"	"	"	HT-09
Xylenes (total)	ND	0.20	"	"	"	"	"	"	HT-09
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	HT-09
Surrogate: a,a,a-Trifluorotoluene		*93.8 %*	*56-134*		"	"	"	"	*HT-09*
Surrogate: 4-Bromofluorobenzene		*94.9 %*	*70-130*		"	"	"	"	*HT-09*
Gasoline Range Organics (C4-C12)	ND	2.4	ppmv	"	"	"	"	"	HT-09
Benzene	ND	0.031	"	"	"	"	"	"	HT-09
Toluene	ND	0.027	"	"	"	"	"	"	HT-09
Ethylbenzene	ND	0.023	"	"	"	"	"	"	HT-09
Xylenes (total)	ND	0.047	"	"	"	"	"	"	HT-09
Methyl tert-butyl ether	ND	0.14	"	"	"	"	"	"	HT-09
Surrogate: a,a,a-Trifluorotoluene		*94.0 %*	*56-134*		"	"	"	"	*HT-09*
Surrogate: 4-Bromofluorobenzene		*94.6 %*	*70-130*		"	"	"	"	*HT-09*
A-Inf (MNE0377-02) Air Sampled: 05/13/04 13:30 Received: 05/15/04 08:30									
Gasoline Range Organics (C4-C12)	**1200**	100	mg/m³ Air	10	4E17015	05/17/04	05/18/04	EPA 8015B/ 8021B	HT-09
Benzene	**9.1**	1.0	"	"	"	"	"	"	CF1, HT-09
Toluene	ND	1.0	"	"	"	"	"	"	HT-09
Ethylbenzene	ND	1.0	"	"	"	"	"	"	HT-09
Xylenes (total)	**4.7**	2.0	"	"	"	"	"	"	CF1, HT-09
Methyl tert-butyl ether	**52**	5.0	"	"	"	"	"	"	HT-09
Surrogate: a,a,a-Trifluorotoluene		*1260 %*	*56-134*		"	"	"	"	*HT-09*
Surrogate: 4-Bromofluorobenzene		*120 %*	*70-130*		"	"	"	"	*HT-09*
Gasoline Range Organics (C4-C12)	**350**	24	ppmv	10	"	"	"	"	HT-09
Benzene	**2.8**	0.31	"	"	"	"	"	"	CF1, HT-09
Toluene	ND	0.27	"	"	"	"	"	"	HT-09
Ethylbenzene	ND	0.23	"	"	"	"	"	"	HT-09
Xylenes (total)	**1.1**	0.47	"	"	"	"	"	"	CF1, HT-09
Methyl tert-butyl ether	**14**	1.4	"	"	"	"	"	"	HT-09
Surrogate: a,a,a-Trifluorotoluene		*1260 %*	*56-134*		"	"	"	"	*HT-09*
Surrogate: 4-Bromofluorobenzene		*121 %*	*70-130*		"	"	"	"	*HT-09*

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNE0377
73 Digital Drive, Suite 100	Project Number: 7-0238	**Reported:**
Novato CA, 94949	Project Manager: Rob Saur	05/21/04 09:23

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4E17015 - EPA 5030B [P/T]										
Blank (4E17015-BLK1)			Prepared & Analyzed: 05/17/04							
Gasoline Range Organics (C4-C12)	ND	10	mg/m³ Air							
Gasoline Range Organics (C4-C12)	ND	2.4	ppmv							
Benzene	ND	0.0155	"							
Benzene	ND	0.05	mg/m³ Air							
Toluene	0.086	0.05	"							
Toluene	0.0229	0.0135	ppmv							
Ethylbenzene	ND	0.05	mg/m³ Air							
Ethylbenzene	ND	0.0115	ppmv							
Xylenes (total)	ND	0.1	mg/m³ Air							
Xylenes (total)	ND	0.0235	ppmv							
Methyl tert-butyl ether	ND	0.25	mg/m³ Air							
Methyl tert-butyl ether	ND	0.07	ppmv							
Surrogate: α,α,α-Trifluorotoluene	*7.35*		*mg/m³ Air*	*8.00*		*91.9*	*56-134*			
Surrogate: α,α,α-Trifluorotoluene	*1.23*		*ppmv*	*1.34*		*91.8*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*7.59*		*mg/m³ Air*	*8.00*		*94.9*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*1.06*		*ppmv*	*1.12*		*94.6*	*70-130*			
LCS (4E17015-BS1)			Prepared & Analyzed: 05/17/04							
Benzene	2.04	0.10	mg/m³ Air	2.00		102	62-125			
Benzene	0.640	0.031	ppmv	0.627		102	62-125			
Toluene	1.95	0.10	mg/m³ Air	2.00		97.5	68-121			
Toluene	0.520	0.027	ppmv	0.532		97.7	68-121			
Ethylbenzene	1.98	0.10	mg/m³ Air	2.00		99.0	75-125			
Ethylbenzene	0.457	0.023	ppmv	0.462		98.9	75-125			
Xylenes (total)	6.07	0.20	mg/m³ Air	6.00		101	76-121			
Xylenes (total)	1.40	0.047	ppmv	1.38		101	76-121			
Methyl tert-butyl ether	4.55	0.50	mg/m³ Air	4.00		114	70-130			
Methyl tert-butyl ether	1.27	0.14	ppmv	1.11		114	70-130			
Surrogate: α,α,α-Trifluorotoluene	*7.36*		*mg/m³ Air*	*8.00*		*92.0*	*56-134*			
Surrogate: α,α,α-Trifluorotoluene	*1.23*		*ppmv*	*1.34*		*91.8*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*8.18*		*mg/m³ Air*	*8.00*		*102*	*70-130*			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNE0377
73 Digital Drive, Suite 100	Project Number: 7-0238	Reported:
Novato CA, 94949	Project Manager: Rob Saur	05/21/04 09:23

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4E17015 - EPA 5030B [P/T]										
LCS (4E17015-BS1)				Prepared & Analyzed: 05/17/04						
Surrogate: 4-Bromofluorobenzene	*1.14*		*ppmv*	*1.12*		*102*	*70-130*			
LCS (4E17015-BS2)				Prepared & Analyzed: 05/17/04						
Gasoline Range Organics (C4-C12)	52.5	10	mg/m³ Air	50.0		105	65-142			
Gasoline Range Organics (C4-C12)	14.9	2.4	ppmv	14.2		105	65-142			
Surrogate: α,α,α-Trifluorotoluene	*1.24*		*"*	*1.34*		*92.5*	*56-134*			
Surrogate: α,α,α-Trifluorotoluene	*7.42*		*mg/m³ Air*	*8.00*		*92.8*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*1.16*		*ppmv*	*1.12*		*104*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*8.27*		*mg/m³ Air*	*8.00*		*103*	*70-130*			
LCS Dup (4E17015-BSD1)				Prepared & Analyzed: 05/17/04						
Benzene	0.612	0.031	ppmv	0.627		97.6	62-125	4.47	31	
Benzene	1.95	0.10	mg/m³ Air	2.00		97.5	62-125	4.51	31	
Toluene	0.480	0.027	ppmv	0.532		90.2	68-121	8.00	29	
Toluene	1.81	0.10	mg/m³ Air	2.00		90.5	68-121	7.45	29	
Ethylbenzene	0.434	0.023	ppmv	0.462		93.9	75-125	5.16	32	
Ethylbenzene	1.88	0.10	mg/m³ Air	2.00		94.0	75-125	5.18	32	
Xylenes (total)	1.32	0.047	ppmv	1.38		95.7	76-121	5.88	29	
Xylenes (total)	5.72	0.20	mg/m³ Air	6.00		95.3	76-121	5.94	29	
Methyl tert-butyl ether	1.23	0.14	ppmv	1.11		111	70-130	3.20	25	
Methyl tert-butyl ether	4.44	0.50	mg/m³ Air	4.00		111	70-130	2.45	25	
Surrogate: α,α,α-Trifluorotoluene	*1.25*		*ppmv*	*1.34*		*93.3*	*56-134*			
Surrogate: α,α,α-Trifluorotoluene	*7.43*		*mg/m³ Air*	*8.00*		*92.9*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*8.28*		*"*	*8.00*		*104*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*1.16*		*ppmv*	*1.12*		*104*	*70-130*			
LCS Dup (4E17015-BSD2)				Prepared & Analyzed: 05/17/04						
Gasoline Range Organics (C4-C12)	14.2	2.4	ppmv	14.2		100	65-142	4.81	50	
Gasoline Range Organics (C4-C12)	50.0	10	mg/m³ Air	50.0		100	65-142	4.88	50	
Surrogate: α,α,α-Trifluorotoluene	*7.33*		*"*	*8.00*		*91.6*	*56-134*			
Surrogate: α,α,α-Trifluorotoluene	*1.23*		*ppmv*	*1.34*		*91.8*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*8.32*		*mg/m³ Air*	*8.00*		*104*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*1.16*		*ppmv*	*1.12*		*104*	*70-130*			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNE0377
73 Digital Drive, Suite 100	Project Number: 7-0238	**Reported:**
Novato CA, 94949	Project Manager: Rob Saur	05/21/04 09:23

Notes and Definitions

HT-09	The sample was analyzed beyond the industry standard recommended holding time. There is no EPA recommended holding time.
CF1	Primary and confirmation results varied by greater than 40% RPD. The results may still be useful for their intended purpose.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Monthly Air Samples

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

MORGAN HILL
LATONYA FELT, PROJECT MGR.
PHONE 408/776-9600 FAX 408/782-6308

ENVIRONMENTAL RESOLUTIONS, INC
ROB SAUR, PROJ. MGR. 415/382-3591
MATT HERMAN, ENGINEER 415/382-4360

2293 11th

CONSULTANT NAME: ERI
ADDRESS: 73 DIGITAL DRIVE, SUITE 100
CITY / STATE / ZIP: NOVATO, CA 94949
CONTACT: MATT HERMAN
PHONE: 415/382-4360
FAX: 415/382-1838
SAMPLER: J Herman
SAMPLER SIGNATURE:

PROJECT: FORMER EXXON 7-0238, 2200 EAST 12TH STREET
P.O.#: 4500219000
PROJECT MGR.: ROB SAUR
EXXONMOBIL TM: GENE ORTEGA
QC DATA: LEVEL II (STANDARD)
DRINKING WATER:
WASTE WATER:
OTHER: X

MDC 6377

SAMPLE ID	DATE	TIME	# CONT	MATRIX	PRESERVATIVE			ANALYSIS REQUESTED: TPHg, BTEX & MBE 8015/8020					24 Hour Hold	10 Day TAT
A-Ext	5/13/04	13:00	1	air	None			X					X	X
A-Int	5/13/04	13:30	1	air	None			X					X	X

RELINQUISHED BY: J Herman DATE 5/13/04 TIME 945 RECEIVED BY: DATE 5/14/04 TIME 945
RELINQUISHED BY: CON DATE ____ TIME ____ RECEIVED BY: DATE 5-15-04 TIME 0830

TEMP ____ SAMPLE CONTAINERS INTACT? Y N VOA'S FREE OF HEADSPACE? Y N

'04COC'S

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ERT
REC. BY (PRINT): Linda Pawlak
WORKORDER: 1MC6317

DATE REC'D AT LAB: 5-5-04
TIME REC'D AT LAB: 0930
DATE LOGGED IN: 5-5-04

DRINKING WATER for regulatory purposes: YES / (NO)
WASTE WATER for regulatory purposes: YES / (NO)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) (Present) / Absent Intact / Broken*			A-ERT	AirBag	—	A	5-3-04	
			A-INF	AirBag	—	↓	—	
2. Chain-of-Custody (Present) / Absent*								
3. Traffic Reports or Packing List: Present / Absent								
4. Airbill: Airbill / Sticker (Present) / Absent								
5. Airbill #: 1 1x0100 26 2458								
6. Sample Labels: (Present) / Absent								
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody								
8. Sample Condition: (Intact) / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*								
10. Sample received within hold time: (Yes) / No*								
11. Adequate sample volume received? (Yes) / No*								
12. Proper Preservatives used: (Yes) / No*								
13. Temp Rec. at Lab: Is temp 4 +/-2°C? Air — Yes / No**								

(**acceptance range for samples requiring thermal pres.)

Exception (if any): METALS / DIFF ON ICE

Problem COC

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

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April 20 , 2004

Rob Saur
Environmental Resolutions (Exxon)
73 Digital Drive, Suite 100
Novato, CA 94949

RE: Former Exxon 7-0238
Work Order: MND0087

Enclosed are the results of analyses for samples received by the laboratory on 04/06/04. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angel Pitts For Theresa Allen
Project Manager

CA ELAP Certificate Number 1210

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MND0087
73 Digital Drive, Suite 100	Project Number: 7-0238	**Reported:**
Novato CA, 94949	Project Manager: Rob Saur	04/20/04 10:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A-EFF	MND0087-01	Air	04/02/04 12:00	04/06/04 09:30
A-INF	MND0087-02	Air	04/02/04 12:30	04/06/04 09:30

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MND0087
73 Digital Drive, Suite 100	Project Number: 7-0238	**Reported:**
Novato CA, 94949	Project Manager: Rob Saur	04/20/04 10:34

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-EFF (MND0087-01) Air Sampled: 04/02/04 12:00 Received: 04/06/04 09:30									**HT-09**
Gasoline Range Organics (C4-C12)	ND	10	ug/l	1	4D07003	04/07/04	04/07/04	EPA 8015B/ 8021B	
Benzene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
Xylenes (total)	ND	0.20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.4 %*	*70-130*		"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2.4	ppmv	"	"	"	"	"	
Benzene	ND	0.031	"	"	"	"	"	"	
Toluene	ND	0.027	"	"	"	"	"	"	
Ethylbenzene	ND	0.023	"	"	"	"	"	"	
Xylenes (total)	ND	0.047	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.14	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.3 %*	*70-130*		"	"	"	"	
A-INF (MND0087-02) Air Sampled: 04/02/04 12:30 Received: 04/06/04 09:30									**HT-09**
Gasoline Range Organics (C4-C12)	**87**	20	ug/l	2	4D07003	04/07/04	04/07/04	EPA 8015B/ 8021B	
Benzene	**0.60**	0.20	"	"	"	"	"	"	CF1
Toluene	**0.35**	0.20	"	"	"	"	"	"	
Ethylbenzene	**0.29**	0.20	"	"	"	"	"	"	
Xylenes (total)	**0.83**	0.40	"	"	"	"	"	"	
Methyl tert-butyl ether	**15**	1.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.9 %*	*70-130*		"	"	"	"	
Gasoline Range Organics (C4-C12)	**25**	4.9	ppmv	2	"	"	"	"	
Benzene	**0.19**	0.063	"	"	"	"	"	"	CF1
Toluene	**0.092**	0.053	"	"	"	"	"	"	
Ethylbenzene	**0.066**	0.046	"	"	"	"	"	"	
Xylenes (total)	**0.19**	0.095	"	"	"	"	"	"	
Methyl tert-butyl ether	**4.1**	0.28	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.6 %*	*70-130*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MND0087
73 Digital Drive, Suite 100	Project Number: 7-0238	**Reported:**
Novato CA, 94949	Project Manager: Rob Saur	04/20/04 10:34

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4D07003 - EPA 5030B [P/T]										
Blank (4D07003-BLK1)			Prepared & Analyzed: 04/07/04							
Surrogate: a,a,a-Trifluorotoluene	*1.33*		*ppmv*	*1.34*		*99.3*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*7.92*		*ug/l*	*8.00*		*99.0*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*6.70*		*"*	*8.00*		*83.8*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.937*		*ppmv*	*1.12*		*83.7*	*70-130*			
Gasoline Range Organics (C4-C12)	ND	10	ug/l							
Gasoline Range Organics (C4-C12)	ND	2.4	ppmv							
Benzene	ND	0.0155	"							
Benzene	ND	0.05	ug/l							
Toluene	ND	0.05	"							
Toluene	ND	0.0135	ppmv							
Ethylbenzene	ND	0.0115	"							
Ethylbenzene	ND	0.05	ug/l							
Xylenes (total)	ND	0.1	"							
Xylenes (total)	ND	0.0235	ppmv							
Methyl tert-butyl ether	ND	0.25	ug/l							
Methyl tert-butyl ether	ND	0.07	ppmv							
LCS (4D07003-BS1)			Prepared & Analyzed: 04/07/04							
Surrogate: a,a,a-Trifluorotoluene	*7.98*		*ug/l*	*8.00*		*99.8*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*1.34*		*ppmv*	*1.34*		*100*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*6.83*		*ug/l*	*8.00*		*85.4*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.955*		*ppmv*	*1.12*		*85.3*	*70-130*			
Benzene	0.548	0.031	"	0.627		87.4	62-125			
Benzene	1.75	0.10	ug/l	2.00		87.5	62-125			
Toluene	2.02	0.10	"	2.00		101	68-121			
Toluene	0.537	0.027	ppmv	0.532		101	68-121			
Ethylbenzene	0.488	0.023	"	0.462		106	75-125			
Ethylbenzene	2.11	0.10	ug/l	2.00		106	75-125			
Xylenes (total)	6.50	0.20	"	6.00		108	76-121			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MND0087
73 Digital Drive, Suite 100	Project Number: 7-0238	**Reported:**
Novato CA, 94949	Project Manager: Rob Saur	04/20/04 10:34

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4D07003 - EPA 5030B [P/T]										
LCS (4D07003-BS1)				Prepared & Analyzed: 04/07/04						
Xylenes (total)	1.50	0.047	ppmv	1.38		109	76-121			
LCS (4D07003-BS2)				Prepared & Analyzed: 04/07/04						
Surrogate: a,a,a-Trifluorotoluene	*7.92*		*ug/l*	*8.00*		*99.0*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*1.33*		*ppmv*	*1.34*		*99.3*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*1.07*		"	*1.12*		*95.5*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*7.65*		*ug/l*	*8.00*		*95.6*	*70-130*			
Gasoline Range Organics (C4-C12)	15.5	2.4	ppmv	14.2		109	65-142			
Gasoline Range Organics (C4-C12)	54.5	10	ug/l	50.0		109	65-142			
LCS Dup (4D07003-BSD1)				Prepared & Analyzed: 04/07/04						
Surrogate: a,a,a-Trifluorotoluene	*7.97*		*ug/l*	*8.00*		*99.6*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*1.33*		*ppmv*	*1.34*		*99.3*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*7.01*		*ug/l*	*8.00*		*87.6*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.980*		*ppmv*	*1.12*		*87.5*	*70-130*			
Benzene	1.70	0.10	ug/l	2.00		85.0	62-125	2.90	31	
Benzene	0.532	0.031	ppmv	0.627		84.8	62-125	2.96	31	
Toluene	2.02	0.10	ug/l	2.00		101	68-121	0.00	29	
Toluene	0.538	0.027	ppmv	0.532		101	68-121	0.186	29	
Ethylbenzene	2.12	0.10	ug/l	2.00		106	75-125	0.473	32	
Ethylbenzene	0.489	0.023	ppmv	0.462		106	75-125	0.205	32	
Xylenes (total)	1.51	0.047	"	1.38		109	76-121	0.664	29	
Xylenes (total)	6.54	0.20	ug/l	6.00		109	76-121	0.613	29	
LCS Dup (4D07003-BSD2)				Prepared & Analyzed: 04/07/04						
Surrogate: a,a,a-Trifluorotoluene	*7.82*		*ug/l*	*8.00*		*97.8*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*1.31*		*ppmv*	*1.34*		*97.8*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*7.64*		*ug/l*	*8.00*		*95.5*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*1.07*		*ppmv*	*1.12*		*95.5*	*70-130*			
Gasoline Range Organics (C4-C12)	15.7	2.4	"	14.2		111	65-142	1.28	50	
Gasoline Range Organics (C4-C12)	55.5	10	ug/l	50.0		111	65-142	1.82	50	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MND0087
73 Digital Drive, Suite 100	Project Number: 7-0238	**Reported:**
Novato CA, 94949	Project Manager: Rob Saur	04/20/04 10:34

Notes and Definitions

HT-09	The sample was analyzed beyond the industry standard recommended holding time. There is no EPA recommended holding time.
CF1	Primary and confirmation results varied by greater than 40% RPD. The results may still be useful for their intended purpose.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Monthly Air Samples

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

MORGAN HILL
LATONYA PELT, PROJECT MGR.
PHONE 408/776-9600 FAX 408/782-6308

ENVIRONMENTAL RESOLUTIONS, INC
ROB SAUR, PROJ. MGR. 415/382-3591
MATT HERMAN, ENGINEER 415/382-4360

CONSULTANT NAME: ERI
ADDRESS: 73 DIGITAL DRIVE, SUITE 100
CITY / STATE / ZIP: NOVATO, CA 94949
CONTACT: MATT HERMAN
PHONE: 415/382-4360
FAX: 415/382-1856
SAMPLER: J Hermann
SAMPLER SIGNATURE: Jon Herman

PROJECT: FORMER EXXON 7-0238, 2200 EAST 12TH STREET
P.O.#: 4504239009
PROJECT MGR.: ROB SAUR
EXXONMOBIL TM: GENE ORTEGA
QC DATA: LEVEL II (STANDARD)
DRINKING WATER:
WASTE WATER:
OTHER: X

MVD0087

SAMPLE ID	DATE	TIME	# CONT	MATRIX	PRESERVATIVE			ANALYSES REQUESTED: TPHg, BTEX MtBE 8015/8020					24 Hour Hold	10 Day TAT
A-Eff	4/2/04	12:00	1	air	None			X					X	X
A-Inf	4/2/04	12:30	1	air	None			X					X	X

RELINQUISHED BY: J Hermann DATE 4/3/04 TIME 1230 RECEIVED BY: Jon Herman DATE 4/5/04 TIME 1230
RELINQUISHED BY: _____ DATE _____ TIME _____ RECEIVED BY: _____ DATE 4/6/04 TIME 09:30

TEMP _____ SAMPLE CONTAINERS INTACT? Y N VOA'S FREE OF HEADSPACE? Y N

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ERI
REC. BY (PRINT): ED
WORKORDER: 4-6-04 MW D0097

DATE REC'D AT LAB: 4-6-04
TIME REC'D AT LAB: 09:32
DATE LOGGED IN: 4-6-04

DRINKING WATER for regulatory purposes: YES / (NO)
WASTE WATER for regulatory purposes: YES / (NO)

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / (Absent)			A-DFF	Ved Can	-	A	4-2-04	
	Intact / Broken*			A-IHF	1	1	1	1	
2. Chain-of-Custody	(Present) / Absent*								
3. Traffic Reports or Packing List:	Present / (Absent)								
4. Airbill:	Airbill / Sticker								
	Present / (Absent)								
5. Airbill #:	-								
6. Sample Labels:	(Present) / Absent								
7. Sample IDs:	(Listed) / Not Listed on Chain-of-Custody					HNO3			
8. Sample Condition:	(Intact) / Broken* / Leaking*				4-6-04				
9. **Does information on chain-of-custody, traffic reports and sample labels agree?**	(Yes) / No*								
10. Sample received within hold time:	(Yes) / No*		--						
11. Adequate sample volume received?	(Yes) / No*								
12. Proper Preservatives used:	(Yes) / No*						~		
13. Temp Rec. at Lab:	-								
Is temp 4 +/-2°C?	Yes / No**								

(Acceptance range for samples requiring thermal pres.)

**Exception (if any): METALS / DFF ON ICE or Problem COC Ved Can

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

ATTACHMENT C

ERI SOP-25:
"HYDROCARBONS REMOVED FROM A VADOSE WELL"

HYDROCARBONS REMOVED FROM A VADOSE WELL
SOP-25
Rev: JO'C

Rev. 4/29/97

POUNDS OF HYDROCARBON IN AN VAPOR STREAM

INPUT DATA:
1) Vapor flow rate acfm (usually by Pitot tube)
2) Vapor pressure at the flow measuring device (in inches of H_2O) (use {-} for vacuum)
3) Vapor temperature at the flow measuring device.
4) Hydrocarbon content of vapor (usually in mg/M^3) for ppmv you need molecular weight.
5) Length of time (usually hours) over which flow rate occurred)

From periodic measurements, a calculation of total pounds of hydrocarbons removed from a well or from a system are calculated. The input data listed above are measured at a point in time. To calculate quantities removed, some assumptions must be made about what was happening between measurements. The following assumptions will be used for the sake of consistency:

ASSUMPTIONS:
1) Vapor flow for the period equals the average of the initial and final reading for the period.
2) Pressure and temperature for the entire period will be the final reading.
3) Hydrocarbon concentration for the period equals the average of the initial and final reading.
4) The hours of operation can be taken from an hour meter, an electric meter or will be assumed to be equal to the time between measurements.
5) If the unit is found down - try to determine how many hours it did operate and use the data taken for the previous period to make the calculations. Restart the unit and then take data to start the next period.

SAMPLE DATA AND CALCULATIONS

Date	Time	Temp deg F	Press in H_2O	HC conc mg/M3 acfm	Vapor flow lb.	Calc. rem.
1/6/95	11:00	70	-46	2000	120	
1/7/95	13:00	55	-50	1350	90	
1/8/95	10:00	80	-13	750	100	7.4

Calculate the pounds of hydrocarbon removed from the system during the basis period from 13:00 (1:00 pm) on the 7th to 10 am on the 8th. Pressure and temperature of the measurements (at the flow meter) must be corrected to the P and T used to report the HC concentration (which are P = 1 atm and T = 70 deg F). 1 atm = 14.7psia, 760 mm Hg, or 407 in H_2O. T_{abs} = 460 + T deg F

Hours of operation = 21, T = 80, P = -13, HC = (1350+750)/2 = 1050 mg/M^3, Flow = 95

$$21 \times 60 \times 95 \times \frac{(460+70)}{(460+80)} \times \frac{(407-13)}{407} \times \frac{28.3}{1000} \times \frac{1050}{1000} \times \frac{1}{454} = 7.4 \text{ lb}$$

$$\frac{\text{hr}}{\text{basis}} \times \frac{\text{min}}{\text{hr}} \times \frac{\text{cu ft}}{\text{min}} \times T_{Corr} \times P_{Corr} \times \frac{M^3}{\text{cu ft}} \times \frac{g}{M^3} \times \frac{\text{lb}}{g} = \frac{\text{lb}}{\text{basis}}$$

21 x 60 x 95 x 0.98 x 0.97 x 0.0283 x 1.050 x1/454 = 7.4 lb.
cumulative lbs. (the running total) = the sum of all the previous periods.

Note: If results are given in ppm, an assumption about the molecular weight of the hydrocarbon must be made to get mg/M^3. ppmv x molecular wt. /24.1 = mg/M^3. (Use 102 for gasoline)