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Refining & Supply Company
Global Remediation
4096 Piedmont Avenue #194
Oakland, California 94611
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Jennifer C. Sedlachek
Project Manager

ExxonMobil
Refining & Supply

December 8, 2004

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 copy of the letter report entitled ***Groundwater Monitoring Report, Third Quarter 2004,*** dated December 8, 2004, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Petaluma, California, and details groundwater monitoring and sampling activities for the subject site.

Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached report is true and correct.

If you have any questions or comments, please contact me at 510.547.8196.

Sincerely,

Jennifer C. Sedlachek
Project Manager

Attachment: ERI's Groundwater Monitoring Report, Third Quarter 2004, dated December 8, 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.

December 8, 2004
ERI 229313.Q043

Ms. Jennifer C. Sedlachek
ExxonMobil Refining & Supply - Global Remediation
4096 Piedmont Avenue #194
Oakland, California 94611

Subject: Groundwater Monitoring and Remediation Status Report, Third Quarter 2004, Former Exxon Service Station 7-0238, 2200 East 12th Street, Oakland, California.

INTRODUCTION

At the request of ExxonMobil Oil Corporation (ExxonMobil), Environmental Resolutions, Inc. (ERI) performed third quarter 2004 groundwater monitoring and sampling activities at the subject site, and operated a soil and groundwater remediation system. Relevant tables, plates, and attachments are included at the end of this report. Currently, the site operates as a Valero-branded service station.

During routine review and validation of groundwater monitoring data, ERI discovered irregularities in the field data collected during this event. Depth to water measurements, corresponding groundwater elevations, and purge data were inconsistent with previous data and well-specific parameters, and thus could not be validated. Invalidated groundwater depth and elevation data are not reported in Table 1A for this event. A groundwater elevation map is not included in this report due to insufficient data.

In general, the analytical results for groundwater samples collected during this monitoring event are reasonably consistent with previous results, within limits of previously-observed variation. However, based on the irregularities in the field data, ERI considers select analytical results suspect, as noted in Tables 1A and 1B.

GROUNDWATER MONITORING AND SAMPLING SUMMARY

Gauging date:		08/30/04
Sampling date:		08/30/04
Wells gauged and sampled:		MW9B through MW9C, and MW9F through MW9I
Wells gauged only:		MWA
Concurrently sampled:		No
Laboratory:		TestAmerica Incorporated, Nashville, Tennessee
Analyses performed:	EPA Method 8015B	TPHg
	EPA Method 8021B	BTEX
	EPA Method 8260B	MTBE, Ethanol

REMEDIATION SYSTEM SUMMARY

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 reports and Chain-of-Custody records are included in Attachment B. ERI's standard operating procedures for calculating pounds of hydrocarbons in a vapor stream are attached (Attachment D). 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 reports and Chain-of-Custody records are included in Attachment B. Cumulative groundwater extraction data are provided in Table 3.

System start-up dates:	DPE System	March 2004
System discharge permits:	DPE System Vapor	Bay Area Air Quality Management District Permit No.15044
	DPE System Liquid	East Bay Municipal Utility District Wastewater Permit 50516791
Reporting period:		6/3/04 through 9/9/04
System modifications during reporting period:		None
System status during reporting period:	DPE System	Active
Laboratory:		Sequoia Analytical, Morgan Hill, California
Effluent analyses performed:	DPE System Vapor	
	EPA Method 8015B	TPHg,
	EPA Method 8021B	MTBE, BTEX
	DPE System Liquid	
	EPA Method 8015B	TPHd, TPHg,
	EPA Method 8021B	BTEX, MTBE

System Performance:

DPE System Vapor

Period	Mass of TPHg Removed (Pounds)	Mass of Benzene Removed (Pounds)	Mass of MTBE Removed (Pounds)
6/03/04 to 9/09/04	<272.99	<1.7	<7.16
To Date:	<916.76	<7.14	<39.98

DPE System Liquid

Period	Volume of Groundwater Treated (gal)	Mass of TPHg Removed (pounds)	Mass of Benzene Removed (pounds)	Mass of MTBE Removed (pounds)
6/03/04 to 9/09/04	24,520	<0.06	<0.001	<0.03
To Date:	135,110	<1.3	<0.012	<0.84

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, ERI's project manager for this site, at (707) 766-2000 with any questions regarding this report.

Sincerely,
Environmental Resolutions, Inc.

Jennifer Lacy
for

Lyz A. Cullmann
Senior Staff Geologist

John B. Bobbitt
R.G. 4313

4-30-06

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, Vapor-Phase
Table 3:	Operation and Performance Data for Dual-Phase Extraction System, Liquid-Phase
Plate 1:	Site Vicinity Map
Plate 2:	Generalized Site Plan
Plate 3:	Groundwater Elevation Map
Attachment A:	Groundwater Sampling Protocol
Attachment B:	Laboratory Analytical 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
	08/30/04	j	j	j	i	i	i	I	I	i
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
	12/22/98	NLPH	5.69	7.14	700	21,000	110	3.1	9.1	14
	02/26/99	NLPH	5.10	7.73	8,800	8,000	2,000	<25	52	38
	05/18/99	NLPH	5.65	7.18	<10,000	42,100	158	<100	<100	<100
	08/03/99	NLPH	6.24	6.59	960	24,900	<5.0	<5.0	<5.0	<5.0
	12/03/99	NLPH	5.66	7.17	<50	1,000	<0.5	<0.5	<0.5	<0.5
	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

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 feet	Elev.	TPHg µg/L	MTBE	B	T	E	X
MW9B (cont.)	10/01/03	NLPH	6.16	6.68	25,500	19,100a	1.10	<0.5	<0.5	<0.5
(12.84)	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
	08/30/04	**j**	**j**	**j**	**954j**	**925a,j**	**<0.50j**	**<0.5j**	**<0.5**	**<0.5j**
MW9C	11/02/95	---	---	---	---	---	---	---	---	---
(11.14)	04/26/96	---	---	---	---	---	---	---	---	---
	08/22/96	---	---	---	---	---	---	---	---	---
	02/24/97	---	---	---	---	---	---	---	---	---
	03/16/98	NLPH	5.51	5.63	<500	150,000	24	<5.0	<5.0	<5.0
	04/21/98	NLPH	5.83	5.31	150	130,000/150,000a	<0.5	<0.5	<0.5	<0.5
(14.19)	07/22/98	NLPH	6.43	7.76	<500	95,000	<5.0	<5.0	<5.0	<5.0
	12/22/98	NLPH	6.16	8.03	<500	84,000	<5.0	<5.0	<5.0	<5.0
	02/26/99	NLPH	5.46	8.73	<250	55,000	<2.5	<2.5	<2.5	<2.5
	05/18/99	NLPH	6.27	7.92	<25,000	68,900	<250	<250	<250	<250
	08/03/99	NLPH	7.13	7.06	210	69,200	<1.0	1.3	<1.0	<1.0
	12/03/99	NLPH	6.17	8.02	290	50,000	<2.5	<2.5	<2.5	<2.5
	02/29/00	NLPH	4.49	9.70	<250	40,000	<2.5	<2.5	<2.5	<2.5
	05/18/00	NLPH	5.96	8.23	<250	46,000/33,000	<2.5	<2.5	<2.5	<2.5
	07/24/00	NLPH	6.47	7.72	<250	44,000	<2.5	<2.5	<2.5	<2.5
	10/09/00	NLPH	6.57	7.62	<250	39,000	<2.5	<2.5	<2.5	<2.5
	01/10/01	NLPH	6.09	8.10	<250	42,000	<2.5	<2.5	<2.5	<2.5
	04/10/01	NLPH	7.88	6.31	<250	35,000	<2.5	<2.5	<2.5	<2.5
	07/12/01	NLPH	---	---	<250	32,000	<2.5	<2.5	<2.5	<2.5
	8/17/01 d	---	6.60	7.59	---	---	---	---	---	---
	10/11/01	NLPH	6.67	7.52	<250	53,000	<2.5	<2.5	<2.5	<2.5
(14.16)	Nov-01	Well surveyed in compliance with AB2886 requirements.								
	01/11/02	NLPH	5.29	8.87	2,470 f	90,000 f	0.90 f	<0.50	<0.50	<0.50
	04/12/02	NLPH	6.14	8.02	70,400	66,800	<5.00	<5.00	<5.00	<5.00
	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
	08/30/04	**j**	**j**	**j**	**1,950j**	**1,950a,j**	**<0.50j**	**<0.5j**	**<0.5j**	**<0.5j**
MW9D	11/02/95	---	---	---	---	---	---	---	---	---
(12.90)	04/26/96	---	---	---	---	---	---	---	---	---
	08/22/96	---	---	---	---	---	---	---	---	---
	02/24/97	---	---	---	---	---	---	---	---	---
	03/16/98	NLPH	6.94	5.96	<50	10	<0.5	<0.5	<0.5	<0.5
	04/21/98	NLPH	7.22	5.68	<50	12	<0.5	<0.5	<0.5	<0.5
(15.98)	07/22/98	NLPH	7.85	8.13	<50	13	<0.5	<0.5	<0.5	<0.5
	12/22/98	NLPH	7.58	8.40	<50	12	<0.5	<0.5	<0.5	<0.5
	02/26/99	NLPH	6.42	9.56	<50	310	<0.5	<0.5	<0.5	<0.5
	05/18/99	NLPH	6.55	9.43	<2,500	13,500	<25	<25	<25	<25
	08/03/99	NLPH	8.34	7.64	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	12/03/99	NLPH	7.56	8.42	<50	<2	<0.5	<0.5	<0.5	<0.5
	02/29/00	NLPH	4.82	11.16	<50	2.5	<0.5	<0.5	<0.5	<0.5
	05/18/00	NLPH	7.40	8.58	<50	6.2	<0.5	<0.5	<0.5	<0.5
	07/24/00	NLPH	7.91	8.07	<50	14	<0.5	<0.5	0.85	0.74
	10/09/00	NLPH	8.02	7.96	<50	14	<0.5	<0.5	<0.5	<0.5
	01/10/01	NLPH	7.26	8.72	<50	18	<0.5	<0.5	<0.5	<0.5
	04/10/01	NLPH	7.32	8.66	<50	14	<0.5	<0.5	<0.5	<0.5
	07/12/01	NLPH	--	--	<50	22	<0.5	<0.5	<0.5	<0.5
	08/17/01 e	---	---	---	---	---	---	---	---	---
	10/11/01	NLPH	8.16	7.82	<50	24	<0.5	<0.5	<0.5	<0.5
	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

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.)	10/11/02	NLPH	8.13	7.84	187	243	<0.5	<0.5	<0.5	<0.5
(15.97)	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
	08/30/04	i	i	i	i	i	i	i	i	i
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
	01/10/03	NLPH	5.09	6.29	<50.0	45.5	<0.5	<0.5	<0.5	<0.5
	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
	08/30/04	j	j	j	**<50.0j**	**14.0a,j**	**<0.50j**	**<0.5j**	**<0.5j**	**<0.5j**
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

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			.....>
MW9G (cont.)	8/17/01 e	—	—	—	—	—	—	—	—	—
(12.99)	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
	08/30/04	**j**	**j**	**j**	**428j**	**369a,j**	**<0.50j**	**<0.5j**	**<0.5j**	**<0.5j**
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
	08/30/04	**j**	**j**	**j**	**64.2j**	**51.0a,j**	**<0.50j**	**<0.5j**	**<0.50j**	**<0.5j**
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

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 (cont.)	10/09/00	NLPH	5.41	7.73	<2,500	54,000	1.6	<0.5	<0.5	<0.5
(13.14)	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
	08/30/04	**j**	**j**	**j**	**817j**	**847a,j**	**<0.50j**	**<0.5j**	**<0.5j**	**<0.5j**

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.
i	=	Well inaccessible.
j	=	Groundwater elevation data invalidated; analytical results suspect.

TABLE 1B

ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0238
2200 East 12th Street
Oakland, California
(Page 1 of 6)

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
	08/30/04	i	i	i	i	i	i	i
MW9B	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	---	---	---	---	---	---	---

TABLE 1B

ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0238
2200 East 12th Street
Oakland, California
(Page 2 of 6)

Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
		<----------ug/L---------->						
MW9B (cont.)	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
	08/30/04	---	---	---	---	---	---	**<50.0j**
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	---	---	---	---	---	---	---
	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
	08/30/04	---	---	---	---	---	---	**<50.0j**

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	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	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
	08/30/04	i	i	i	i	i	i	i
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	---	---	---	---	---	---	---

TABLE 1B

ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0238
2200 East 12th Street
Oakland, California
(Page 4 of 6)

Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
		<----------ug/L---------->						
MW9F (cont.)	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	---
	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
	08/30/04	---	---	---	---	---	---	**<50.0j**
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
	08/30/04	---	---	---	---	---	---	**<50.0j**

TABLE 1B

ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0238
2200 East 12th Street
Oakland, California
(Page 5 of 6)

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
	08/30/04	---	---	---	---	---	---	**<50.0j**
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	---	---	---	---	---	---	---

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 (cont.)	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
	08/30/04	---	---	---	---	---	---	**<50.0j**

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.
I	=	Well inaccessible.
j	=	Groundwater elevation data invalidated; analytical results suspect.

TABLE 2
OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM VAPOR-PHASE
Former Exxon Service Station 7-0238
2200 East 12th Street
Oakland, California
(Page 1 of 2)

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	2,764	70	27	1.0	500	33.07	A-INF	1,000											
							A-EFF	10.0											
07/14/04	2,774	70	26	1.0	800	52.91	A-INF	1,500											
							A-EFF	26.0											
07/22/04	2,966	70	24	1.0	1,000	66.14	A-INF	120	400	3.4	13	80.69	724.45	3.24	36.06	0.47	5.91	91.67	0.0021
							A-EFF	10.0	37	0.35	0.55								
08/05/04	2,976	nm	nm	nm	nm	nm	A-INF	nm											
							A-EFF	nm											
08/20/04	2,976	70	21	1.0	800	52.91	A-INF	711	850	5.4	< 25	1.39	725.85	0.04	36.11	0.01	5.92	97.19	0.0020
							A-EFF	20.0	92	0.41	0.92								
08/25/04	3,096	70	22	1.0	850	56.22	A-INF	120											
							A-EFF	11.0											
09/09/04	3,456	70	22	1.0	800	52.91	A-INF	< 4,000	3,100	19	58	190.91	916.76	3.87	39.98	1.22	7.14	99.33	0.0169
							A-EFF	27.0	910	6.7	< 12								

TABLE 2
OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM VAPOR-PHASE
Former Exxon Service Station 7-0236
2200 East 12th Street
Oakland, California

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 DUAL-PHASE EXTRACTION SYSTEM-LIQUID PHASE
Former Exxon Service Station 7-0238
2200 East 12th Street
Oakland, California
(Page 1 of 2)

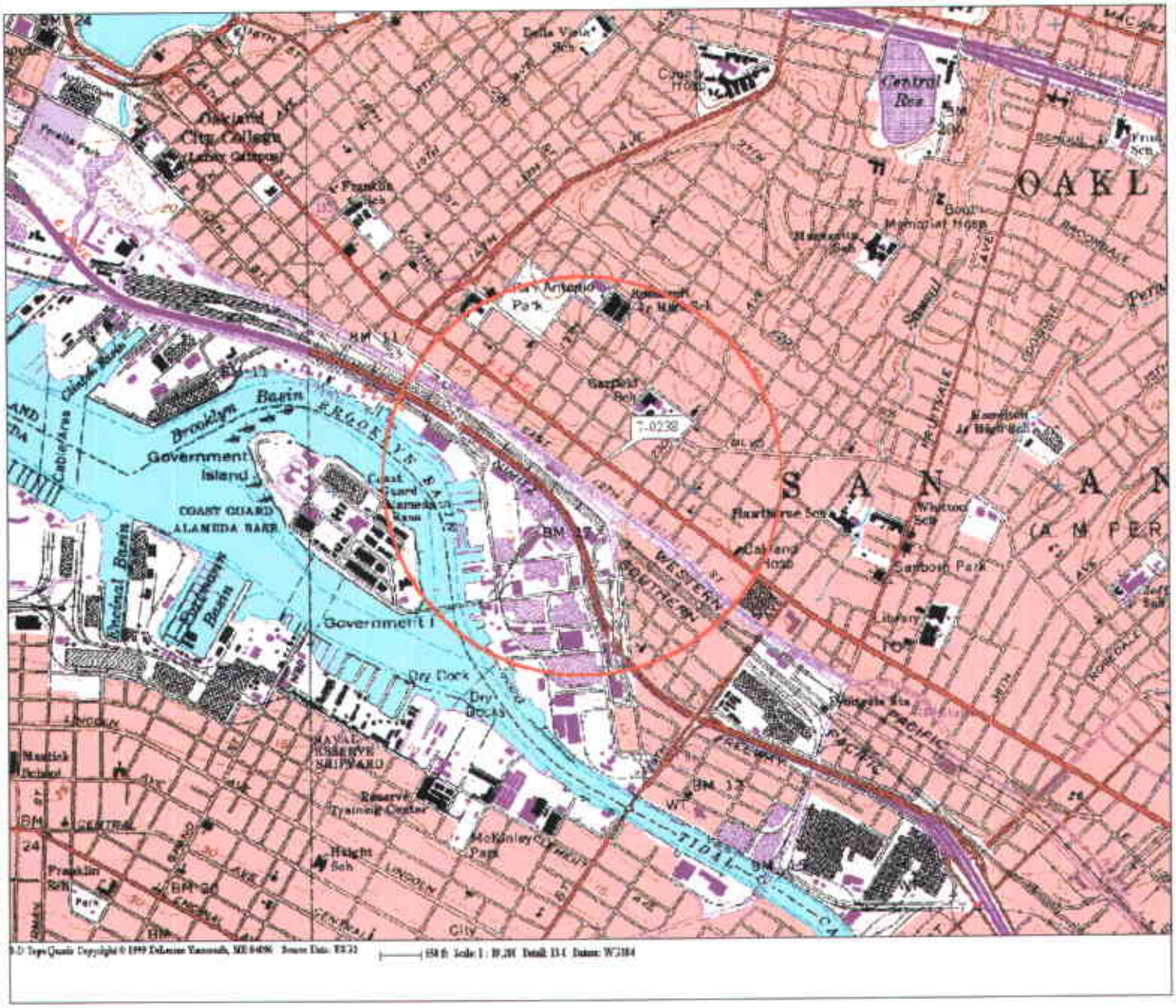
Date	System Hours (hrs)	Eff. Totalizer Reading [gal]	Average Flowrate [gpm]	Total Flow per period (gal)	Sample I.D.	Laboratory Analytical Results TPHg	TPHd	B	T	E	X	MTBE	TPHg Removed Per Period	TPHg Removed Cumulative	Benzene Removed Per Period	Benzene Removed Cumulative	MTBE Removed Per Period	MTBE Removed 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	0.63	6,150														
05/27/04	2092	105,330	0.52	4,480														
06/03/04	2260	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						
06/09/04	2404	114,690	0.47	4,100														
06/24/04	2764	115,140	0.02	450														
07/14/04	2774	117,590	0.09	2,450														
07/22/04	2966	121,930	0.38	4,340	W-INF	280	78	< 2.5	4.9	< 2.5	2.5	110	< 0.03	1.27	0.00	0.011	0.02	0.82
					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	< 49	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
07/29/04	2966	125,290	0.33	3,360														
08/05/04	2976	125,330	0.17	3,400	W-INF	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	40	< 0.005	1.27	0.00	0.011	0.00	0.83
					W-INT1	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					W-INT2	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					PSP-1	< 50	67	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
08/20/04	2976	125,380	0.00	50														
08/25/04	3096	127,980	0.36	2,600														
09/09/04	3456	135,110	0.33	7,130	W-INF	600	130	< 5.0	< 5.0	< 5.0	< 5.0	210	< 0.03	1.30	0.00	0.004	0.01	0.21
					W-INT1	< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					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						

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

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

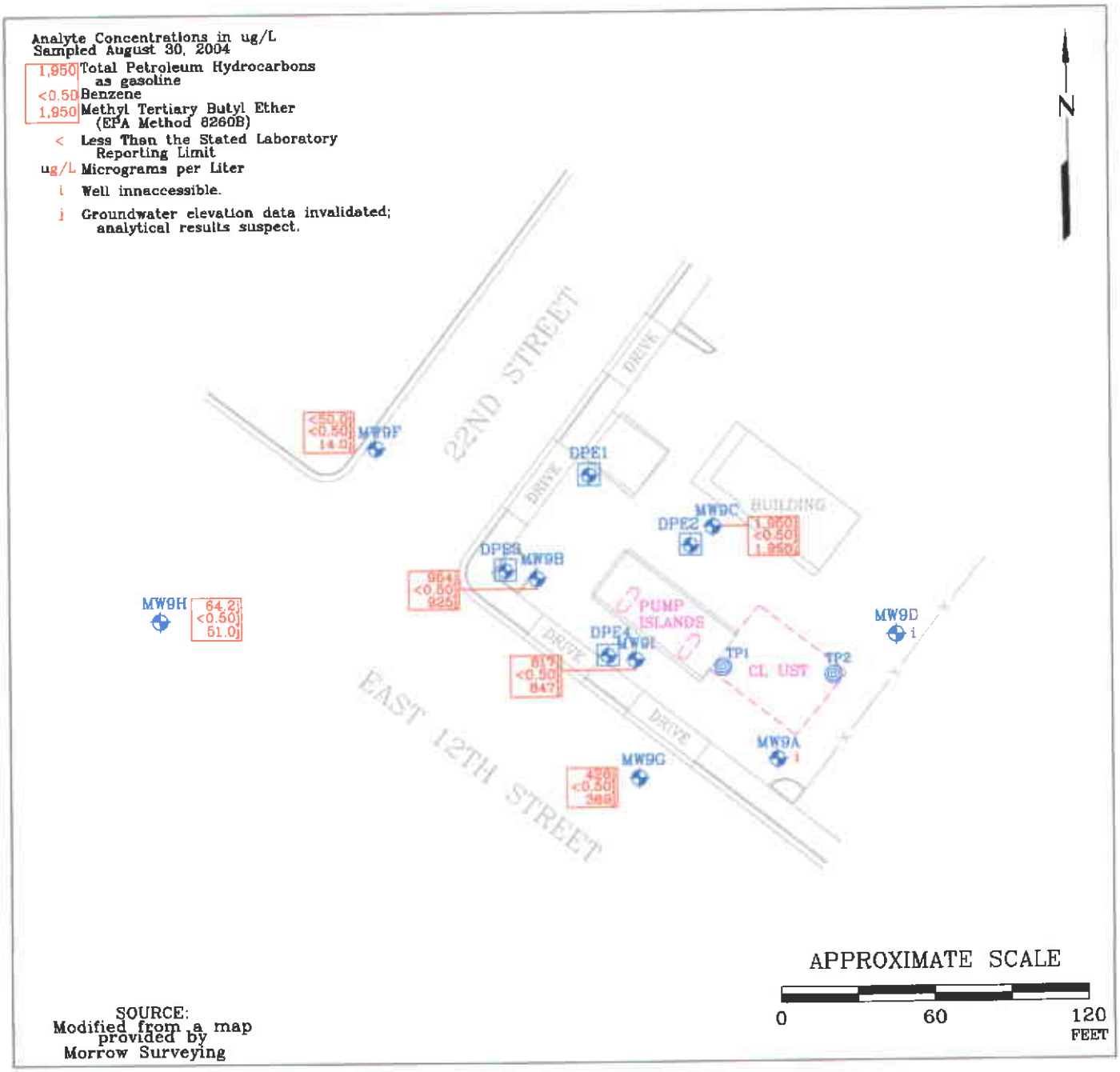
SOURCE:
Modified from a map
provided by
DeLorme 3-D TopoQuads

ERI ENVIRONMENTAL RESOLUTIONS, INC.

SITE VICINITY MAP

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

PROJECT NO.
2293
PLATE
1



FN: 22930005_QM

EXPLANATION

MW9I
Groundwater Monitoring Well

DPE4
Dual-Phase Extraction Well

ENVIRONMENTAL RESOLUTIONS, INC.

GENERALIZED SITE PLAN

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

PROJECT NO.
2293
PLATE
2

ATTACHMENT A

GROUNDWATER SAMPLING PROTOCOL

GROUNDWATER SAMPLING PROTOCOL

The static water level and separate-phase product level, if present, in each well that contained water and/or separate-phase product are measured with a 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 ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS

TestAmerica
ANALYTICAL TESTING CORPORATION

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800-765-0980 • 615-726-3404 Fax

9/10/04

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: 388080.

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 accreditation.

Sample Identification	Lab Number	Collection Date
QCBB	04-A135701	8/30/04
MW9B	04-A135702	8/30/04
MW9C	04-A135703	8/30/04
MW9F	04-A135704	8/30/04
MW9G	04-A135705	8/30/04
MW9H	04-A135706	8/30/04
MW9I	04-A135707	8/30/04

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
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Report Approved By: _____ Report Date: 9/10/04

Johnny A. Mitchell, Operations Manager
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Technical Services
Eric S. Smith, QA/QC Director
Sandra McMillin, Technical Services
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: TREVOR THOMAS

Lab Number: 04-A135701
Sample ID: QCBB
Sample Type: Water
Site ID: 7-0238

Date Collected: 8/30/04
Time Collected: 17:10
Date Received: 9/ 2/04
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch

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: TREVOR THOMAS

Lab Number: 04-A135702
Sample ID: MW9B
Sample Type: Water
Site ID: 7-0238

Date Collected: 8/30/04
Time Collected: 17:40
Date Received: 9/ 2/04
Time Received: 8:10
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	9/ 3/04	15:29	I. Ahmed	8021B	9710
Ethylbenzene	ND	ug/l	0.5	1.0	9/ 3/04	15:29	I. Ahmed	8021B	9710
Toluene	ND	ug/l	0.5	1.0	9/ 3/04	15:29	I. Ahmed	8021B	9710
Xylenes (Total)	ND	ug/l	0.5	1.0	9/ 3/04	15:29	I. Ahmed	8021B	9710
TPH (Gasoline Range)	954.	ug/l	50.0	1.0	9/ 3/04	15:29	I. Ahmed	8015B	9710
VOLATILE ORGANICS									
Methyl-t-butyl ether	925.	ug/l	5.00	10.0	9/ 8/04	18:00	A. Bruton	8260B	4397
Ethanol	ND	ug/L	50.0	1.0	9/ 4/04	11:53	A. Bruton	8260B	2985

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	93.	70. - 123.
VOA Surr 1,2-DCA-d4	103.	73. - 127.
VOA Surr Toluene-d8	100.	79. - 113.
VOA Surr, 4-BFB	104.	79. - 125.
VOA Surr, DBFM	103.	75. - 134.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A135702
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: TREVOR THOMAS

Lab Number: 04-A135703
Sample ID: MW9C
Sample Type: Water
Site ID: 7-0238

Date Collected: 8/30/04
Time Collected: 19:20
Date Received: 9/ 2/04
Time Received: 8:10
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	9/ 3/04	15:43	I. Ahmed	8021B	9710
Ethylbenzene	ND	ug/l	0.5	1.0	9/ 3/04	15:43	I. Ahmed	8021B	9710
Toluene	ND	ug/l	0.5	1.0	9/ 3/04	15:43	I. Ahmed	8021B	9710
Xylenes (Total)	ND	ug/l	0.5	1.0	9/ 3/04	15:43	I. Ahmed	8021B	9710
TPH (Gasoline Range)	1950	ug/l	1000	20.0	9/ 4/04	18:46	I. Ahmed	8015B	2119
VOLATILE ORGANICS									
Methyl-t-butyl ether	1950	ug/l	10.0	20.0	9/ 9/04	13:55	A. Bruton	8260B	5104
Ethanol	ND	ug/L	50.0	1.0	9/ 4/04	12:22	A. Bruton	8260B	2985

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	70.	70. - 123.
VOA Surr 1,2-DCA-d4	108.	73. - 127.
VOA Surr Toluene-d8	101.	79. - 113.
VOA Surr, 4-BFB	103.	79. - 125.
VOA Surr, DBFM	107.	75. - 134.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A135703
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: TREVOR THOMAS

Lab Number: 04-A135704
Sample ID: MW9F
Sample Type: Water
Site ID: 7-0238

Date Collected: 8/30/04
Time Collected: 16:40
Date Received: 9/ 2/04
Time Received: 8:10
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	9/ 3/04	15:57	I. Ahmed	8021B	9710
Ethylbenzene	ND	ug/l	0.5	1.0	9/ 3/04	15:57	I. Ahmed	8021B	9710
Toluene	ND	ug/l	0.5	1.0	9/ 3/04	15:57	I. Ahmed	8021B	9710
Xylenes (Total)	ND	ug/l	0.5	1.0	9/ 3/04	15:57	I. Ahmed	8021B	9710
TPH (Gasoline Range)	ND	ug/l	50.0	1.0	9/ 3/04	15:57	I. Ahmed	8015B	9710
VOLATILE ORGANICS									
Methyl-t-butyl ether	14.0	ug/l	0.50	1.0	9/ 7/04	18:11	A. Bruton	8260B	3422
Ethanol	ND	ug/L	50.0	1.0	9/ 7/04	18:11	A. Bruton	8260B	3422

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	93.	70. - 123.
VOA Surr 1,2-DCA-d4	108.	73. - 127.
VOA Surr Toluene-d8	101.	79. - 113.
VOA Surr, 4-BFB	109.	79. - 125.
VOA Surr, DBFM	108.	75. - 134.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A135704
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: TREVOR THOMAS

Lab Number: 04-A135705
Sample ID: MW9G
Sample Type: Water
Site ID: 7-0238

Date Collected: 8/30/04
Time Collected: 17:10
Date Received: 9/ 2/04
Time Received: 8:10
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	9/ 3/04	16:11	I. Ahmed	8021B	9710
Ethylbenzene	ND	ug/l	0.5	1.0	9/ 3/04	16:11	I. Ahmed	8021B	9710
Toluene	ND	ug/l	0.5	1.0	9/ 3/04	16:11	I. Ahmed	8021B	9710
Xylenes (Total)	ND	ug/l	0.5	1.0	9/ 3/04	16:11	I. Ahmed	8021B	9710
TPH (Gasoline Range)	428.	ug/l	50.0	1.0	9/ 3/04	16:11	I. Ahmed	8015B	9710
VOLATILE ORGANICS									
Methyl-t-butyl ether	369.	ug/l	5.00	10.0	9/ 8/04	13:33	A. Bruton	8260B	4397
Ethanol	ND	ug/L	50.0	1.0	9/ 4/04	13:21	A. Bruton	8260B	2985

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	71.	70. - 123.
VOA Surr 1,2-DCA-d4	107.	73. - 127.
VOA Surr Toluene-d8	100.	79. - 113.
VOA Surr, 4-BFB	113.	79. - 125.
VOA Surr, DBFM	105.	75. - 134.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A135705
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

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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: TREVOR THOMAS

Lab Number: 04-A135706
Sample ID: MW9H
Sample Type: Water
Site ID: 7-0238

Date Collected: 8/30/04
Time Collected: 15:50
Date Received: 9/ 2/04
Time Received: 8:10
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	9/ 3/04	16:25	I. Ahmed	8021B	9710
Ethylbenzene	ND	ug/l	0.5	1.0	9/ 3/04	16:25	I. Ahmed	8021B	9710
Toluene	ND	ug/l	0.5	1.0	9/ 3/04	16:25	I. Ahmed	8021B	9710
Xylenes (Total)	ND	ug/l	0.5	1.0	9/ 3/04	16:25	I. Ahmed	8021B	9710
TPH (Gasoline Range)	64.2	ug/l	50.0	1.0	9/ 3/04	16:25	I. Ahmed	8015B	9710
VOLATILE ORGANICS									
Methyl-t-butyl ether	51.0	ug/l	0.50	1.0	9/ 4/04	13:51	A. Bruton	8260B	2985
Ethanol	ND	ug/L	50.0	1.0	9/ 4/04	13:51	A. Bruton	8260B	2985

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	89.	70. - 123.
VOA Surr 1,2-DCA-d4	92.	73. - 127.
VOA Surr Toluene-d8	112.	79. - 113.
VOA Surr, 4-BFB	104.	79. - 125.
VOA Surr, DBFM	96.	75. - 134.

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

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800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 04-A135706
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: TREVOR THOMAS

Lab Number: 04-A135707
Sample ID: MW9I
Sample Type: Water
Site ID: 7-0238

Date Collected: 8/30/04
Time Collected: 17:55
Date Received: 9/ 2/04
Time Received: 8:10
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	9/ 3/04	16:39	I. Ahmed	8021B	9710
Ethylbenzene	ND	ug/l	0.5	1.0	9/ 3/04	16:39	I. Ahmed	8021B	9710
Toluene	ND	ug/l	0.5	1.0	9/ 3/04	16:39	I. Ahmed	8021B	9710
Xylenes (Total)	ND	ug/l	0.5	1.0	9/ 3/04	16:39	I. Ahmed	8021B	9710
TPH (Gasoline Range)	817.	ug/l	50.0	1.0	9/ 3/04	16:39	I. Ahmed	8015B	9710
VOLATILE ORGANICS									
Methyl-t-butyl ether	847.	ug/l	5.00	10.0	9/ 8/04	16:01	A. Bruton	8260B	4397
Ethanol	ND	ug/L	50.0	1.0	9/ 4/04	14:20	A. Bruton	8260B	2985

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	72.	70. - 123.
VOA Surr 1,2-DCA-d4	99.	73. - 127.
VOA Surr Toluene-d8	101.	79. - 113.
VOA Surr, 4-BFB	100.	79. - 125.
VOA Surr, DBFM	101.	75. - 134.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A135707
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: 9/ 2/04

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	0.0441	0.0500	88	50. - 160.	9710	04-A135702
Toluene	mg/l	< 0.0005	0.0447	0.0500	89	51. - 157.	9710	04-A135702
Ethylbenzene	mg/l	< 0.0005	0.0469	0.0500	94	47. - 159.	9710	04-A135702
Xylenes (Total)	mg/l	< 0.0005	0.0925	0.100	92	51. - 152.	9710	04-A135702
TPH (Gasoline Range)	mg/l	< 0.0500	1.01	1.00	101	43. - 150.	9710	blank
BTEX/GRO Surr., a,a,a-TFT	% Recovery				82	70 - 123	9710	
VOA Surr 1,2-DCA-d4	% Rec				100	73 - 127	2985	
VOA Surr 1,2-DCA-d4	% Rec				100	73 - 127	3422	
VOA Surr 1,2-DCA-d4	% Rec				97	73 - 127	4397	
VOA Surr Toluene-d8	% Rec				108	79 - 113	2985	
VOA Surr Toluene-d8	% Rec				108	79 - 113	3422	
VOA Surr Toluene-d8	% Rec				105	79 - 113	4397	
VOA Surr, 4-BFB	% Rec				98	79 - 125	2985	
VOA Surr, 4-BFB	% Rec				98	79 - 125	3422	
VOA Surr, 4-BFB	% Rec				95	79 - 125	4397	
VOA Surr, DBFM	% Rec				102	75 - 134	2985	
VOA Surr, DBFM	% Rec				102	75 - 134	3422	
VOA Surr, DBFM	% Rec				102	75 - 134	4397	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 229313X
Project Name: EXXONMOBIL 7-0238
Page: 2
Laboratory Receipt Date: 9/ 2/04

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.0441	0.0522	16.82	30.	9710
Toluene	mg/l	0.0447	0.0513	13.75	37.	9710
Ethylbenzene	mg/l	0.0469	0.0511	8.57	38.	9710
Xylenes (Total)	mg/l	0.0925	0.0995	7.29	33.	9710
TPH (Gasoline Range)	mg/l	1.01	1.08	6.70	27.	9710
BTEX/GRO Surr., a,a,a-TFT	% Recovery		75.			9710
VOA Surr 1,2-DCA-d4	% Rec		98.			2985
VOA Surr 1,2-DCA-d4	% Rec		98.			3422
VOA Surr 1,2-DCA-d4	% Rec		99.			4397
VOA Surr Toluene-d8	% Rec		108.			2985
VOA Surr Toluene-d8	% Rec		108.			3422
VOA Surr Toluene-d8	% Rec		105.			4397
VOA Surr, 4-BFB	% Rec		98.			2985
VOA Surr, 4-BFB	% Rec		98.			3422
VOA Surr, 4-BFB	% Rec		94.			4397
VOA Surr, DBFM	% Rec		100.			2985
VOA Surr, DBFM	% Rec		100.			3422
VOA Surr, DBFM	% Rec		101.			4397

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.100	0.0864	86	72 - 118	9710
Toluene	mg/l	0.100	0.0876	88	72 - 119	9710
Ethylbenzene	mg/l	0.100	0.0920	92	71 - 119	9710

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 229313X
Project Name: EXXONMOBIL 7-0238
Page: 3
Laboratory Receipt Date: 9/ 2/04

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Xylenes (Total)	mg/l	0.200	0.184	92	70 - 117	9710
TPH (Gasoline Range)	mg/l	1.00	1.01	101	64 - 130	9710
TPH (Gasoline Range)	mg/l	1.00	1.06	106	64 - 130	2119
BTEX/GRO Surr., a,a,a-TFT	% Recovery			83	70 - 123	9710
BTEX/GRO Surr., a,a,a-TFT	% Recovery			69	70 - 123	2119
VOA PARAMETERS						
Methyl-t-butyl ether	mg/l	0.0500	0.0410	82	69 - 136	2985
Methyl-t-butyl ether	mg/l	0.0500	0.0478	96	69 - 136	3422
Methyl-t-butyl ether	mg/l	0.0500	0.0439	88	69 - 136	4397
Methyl-t-butyl ether	mg/l	0.0500	0.0470	94	69 - 136	5104
Ethanol	mg/L	5.00	5.26	105	48 - 164	2985
Ethanol	mg/L	5.00	4.76	95	48 - 164	3422
VOA Surr 1,2-DCA-d4	% Rec			97	73 - 127	2985
VOA Surr 1,2-DCA-d4	% Rec			97	73 - 127	3422
VOA Surr 1,2-DCA-d4	% Rec			101	73 - 127	4397
VOA Surr 1,2-DCA-d4	% Rec			99	73 - 127	5104
VOA Surr Toluene-d8	% Rec			109	79 - 113	2985
VOA Surr Toluene-d8	% Rec			102	79 - 113	3422
VOA Surr Toluene-d8	% Rec			101	79 - 113	4397
VOA Surr Toluene-d8	% Rec			101	79 - 113	5104
VOA Surr, 4-BFB	% Rec			96	79 - 125	2985
VOA Surr, 4-BFB	% Rec			94	79 - 125	3422
VOA Surr, 4-BFB	% Rec			93	79 - 125	4397
VOA Surr, 4-BFB	% Rec			94	79 - 125	5104
VOA Surr, DBFM	% Rec			100	75 - 134	2985
VOA Surr, DBFM	% Rec			100	75 - 134	3422
VOA Surr, DBFM	% Rec			102	75 - 134	4397
VOA Surr, DBFM	% Rec			103	75 - 134	5104

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 229313X
Project Name: EXXONMOBIL 7-0238
Page: 4
Laboratory Receipt Date: 9/ 2/04

Duplicates

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

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
Benzene	< 0.00050	mg/l	9710	9/ 3/04	15:15
Toluene	< 0.0005	mg/l	9710	9/ 3/04	15:15
Ethylbenzene	< 0.0005	mg/l	9710	9/ 3/04	15:15
Xylenes (Total)	< 0.0005	mg/l	9710	9/ 3/04	15:15
TPH (Gasoline Range)	< 0.0500	mg/l	9710	9/ 3/04	15:15
TPH (Gasoline Range)	< 0.0500	mg/l	2119	9/ 4/04	18:32
BTEX/GRO Surr., a,a,a-TFT	76.	% Recovery	9710	9/ 3/04	15:15
BTEX/GRO Surr., a,a,a-TFT	93.	% Recovery	2119	9/ 4/04	18:32
VOA PARAMETERS					
Methyl-t-butyl ether	< 0.00023	mg/l	2985	9/ 4/04	6:56
Methyl-t-butyl ether	< 0.00023	mg/l	3422	9/ 7/04	15:37
Methyl-t-butyl ether	< 0.00023	mg/l	4397	9/ 8/04	13:03
Methyl-t-butyl ether	< 0.00023	mg/l	5104	9/ 9/04	11:56
Ethanol	< 0.0307	mg/L	2985	9/ 4/04	6:56
Ethanol	< 0.0307	mg/L	3422	9/ 7/04	15:37

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 229313X
Project Name: EXXONMOBIL 7-0238
Page: 5
Laboratory Receipt Date: 9/ 2/04

VOA Surr 1,2-DCA-d4	104.	% Rec	2985	9/ 4/04	6:56
VOA Surr 1,2-DCA-d4	103.	% Rec	3422	9/ 7/04	15:37
VOA Surr 1,2-DCA-d4	108.	% Rec	4397	9/ 8/04	13:03
VOA Surr 1,2-DCA-d4	106.	% Rec	5104	9/ 9/04	11:56
VOA Surr Toluene-d8	113.	% Rec	2985	9/ 4/04	6:56
VOA Surr Toluene-d8	100.	% Rec	3422	9/ 7/04	15:37
VOA Surr Toluene-d8	101.	% Rec	4397	9/ 8/04	13:03
VOA Surr Toluene-d8	99.	% Rec	5104	9/ 9/04	11:56
VOA Surr, 4-BFB	98.	% Rec	2985	9/ 4/04	6:56
VOA Surr, 4-BFB	112.	% Rec	3422	9/ 7/04	15:37
VOA Surr, 4-BFB	101.	% Rec	4397	9/ 8/04	13:03
VOA Surr, 4-BFB	98.	% Rec	5104	9/ 9/04	11:56
VOA Surr, DBFM	103.	% Rec	2985	9/ 4/04	6:56
VOA Surr, DBFM	104.	% Rec	3422	9/ 7/04	15:37
VOA Surr, DBFM	106.	% Rec	4397	9/ 8/04	13:03
VOA Surr, DBFM	106.	% Rec	5104	9/ 9/04	11:56

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 388080

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

388080

COOLER RECEIPT FORM BC#

Client Name : ERT

Cooler Received/Opened On: 9/02/04 **Accessioned By:** Shawn Gracey

Log-in Personnel Signature

1. Temperature of Cooler when triaged: 5.4 **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:

    9301

    Fed-Ex UPS Velocity Airborne Route Off-street Misc.
19. If a Non-Conformance exists, see attached or comments below:

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, California 94954
Project Manager Rob Saur
Telephone Number: (707) 766-2000
ERI Job Number: 229313X
Sampler Name: (Print) Trevor Thomas
Sampler Signature: Trevor Thomas

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 135701	8-30-04	17:10			HCl	2 VOAs	X				H	O	L	D			
~~MW9A~~			Cour Marked on		~~HCl~~	~~6 VOAs~~	X				X	X	X				X
MW9B 2		17:40			HCl	6 VOAs	X				X	X	X				X
MW9C 3		19:20			HCl	6 VOAs	X				X	X	X				X
~~MW9D~~			Cour Marked on		~~HCl~~	~~6 VOAs~~	X				X	X	X				X
MW9F 4		16:40			HCl	6 VOAs	X				X	X	X				X
MW9G 5		17:10			HCl	6 VOAs	X				X	X	X				X
MW9H 6		15:50			HCl	6 VOAs	X				X	X	X				X
MW9I 135702		17:55			HCl	6 VOAs	X				X	X	X				X

Relinquished by: Rick Compton Date 9/01/04 Time 08:30 Received by: Time

Relinquished by: Date Time Received by TestAmerica 9/2/04 0810 Time

Laboratory Comments:
Temperature Upon Receipt: 5.4
Sample Containers Intact? Y
VOAs Free of Headspace? Y

Sequoia Analytical

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

21 September, 2004

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

RE: Former Exxon 7-0238
Work Order: MNI0313

Enclosed are the results of analyses for samples received by the laboratory on 09/10/04 17:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Leticia Reyes

Leticia Reyes
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	MNI0313
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	09/21/04 17:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A-EFF	MNI0313-01	Air	09/09/04 12:00	09/10/04 17:55
A-INF	MNI0313-02	Air	09/09/04 12:30	09/10/04 17:55

Sequoia Analytical

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Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNI0313
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	09/21/04 17:17

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 (MNI0313-01) Air Sampled: 09/09/04 12:00 Received: 09/10/04 17:55									**HT-09**
Gasoline Range Organics (C4-C12)	**910**	250	mg/m³ Air	25	4I12002	09/12/04	09/12/04	EPA 8015B/ 8021B	
Benzene	**6.7**	2.5	"	"	"	"	"	"	CF1
Toluene	**3.0**	2.5	"	"	"	"	"	"	CF1
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	**7.7**	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	12	"	"	"	"	"	"	
Surrogate: α,α,α-Trifluorotoluene		*99 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*70-130*		"	"	"	"	
Gasoline Range Organics (C4-C12)	**260**	61	ppmv	25	"	"	"	"	
Benzene	**2.1**	0.78	"	"	"	"	"	"	CF1
Toluene	**0.78**	0.66	"	"	"	"	"	"	CF1
Ethylbenzene	ND	0.58	"	"	"	"	"	"	
Xylenes (total)	**1.8**	1.2	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	3.5	"	"	"	"	"	"	
Surrogate: α,α,α-Trifluorotoluene		*99 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*70-130*		"	"	"	"	
A-INF (MNI0313-02) Air Sampled: 09/09/04 12:30 Received: 09/10/04 17:55									**HT-09**
Gasoline Range Organics (C4-C12)	**3100**	250	mg/m³ Air	25	4I12002	09/12/04	09/12/04	EPA 8015B/ 8021B	
Benzene	**19**	2.5	"	"	"	"	"	"	CF1
Toluene	**7.3**	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	**12**	5.0	"	"	"	"	"	"	CF1
Methyl tert-butyl ether	**58**	12	"	"	"	"	"	"	CF1
Surrogate: α,α,α-Trifluorotoluene		*99 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99 %*	*70-130*		"	"	"	"	
Gasoline Range Organics (C4-C12)	**880**	61	ppmv	25	"	"	"	"	
Benzene	**6.0**	0.78	"	"	"	"	"	"	CF1
Toluene	**1.9**	0.66	"	"	"	"	"	"	
Ethylbenzene	ND	0.58	"	"	"	"	"	"	
Xylenes (total)	**2.7**	1.2	"	"	"	"	"	"	CF1
Methyl tert-butyl ether	**16**	3.5	"	"	"	"	"	"	CF1
Surrogate: α,α,α-Trifluorotoluene		*99 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99 %*	*70-130*		"	"	"	"	

Sequoia Analytical

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

Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNI0313
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	09/21/04 17:17

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 4I12002 - EPA 5030B [P/T]										
Blank (4I12002-BLK1)			Prepared & Analyzed: 09/12/04							
Gasoline Range Organics (C4-C12)	ND	2.4	ppmv							
Gasoline Range Organics (C4-C12)	ND	10	mg/m³ Air							
Benzene	ND	0.05	"							
Benzene	ND	0.0155	ppmv							
Toluene	ND	0.05	mg/m³ Air							
Toluene	ND	0.0135	ppmv							
Ethylbenzene	ND	0.05	mg/m³ Air							
Ethylbenzene	ND	0.0115	ppmv							
Xylenes (total)	ND	0.0235	"							
Xylenes (total)	ND	0.1	mg/m³ Air							
Methyl tert-butyl ether	ND	0.25	"							
Methyl tert-butyl ether	ND	0.07	ppmv							
Surrogate: a,a,a-Trifluorotoluene	*1.29*		"	*1.34*		*96*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*7.69*		*mg/m³ Air*	*8.00*		*96*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*8.02*		"	*8.00*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*1.12*		*ppmv*	*1.12*		*100*	*70-130*			
LCS (4I12002-BS1)			Prepared & Analyzed: 09/12/04							
Benzene	1.95	0.10	mg/m³ Air	2.00		98	62-125			
Benzene	0.611	0.031	ppmv	0.627		97	62-125			
Toluene	1.96	0.10	mg/m³ Air	2.00		98	68-121			
Toluene	0.522	0.027	ppmv	0.532		98	68-121			
Ethylbenzene	1.98	0.10	mg/m³ Air	2.00		99	75-125			
Ethylbenzene	0.458	0.023	ppmv	0.462		99	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	3.85	0.50	mg/m³ Air	4.00		96	70-130			
Methyl tert-butyl ether	1.07	0.14	ppmv	1.11		96	70-130			
Surrogate: a,a,a-Trifluorotoluene	*7.60*		*mg/m³ Air*	*8.00*		*95*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*1.27*		*ppmv*	*1.34*		*95*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*7.28*		*mg/m³ Air*	*8.00*		*91*	*70-130*			

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNI0313
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	09/21/04 17:17

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 4I12002 - EPA 5030B [P/T]										
LCS (4I12002-BS1)			Prepared & Analyzed: 09/12/04							
Surrogate: 4-Bromofluorobenzene	*1.02*		*ppmv*	*1.12*		*91*	*70-130*			
LCS (4I12002-BS2)			Prepared & Analyzed: 09/12/04							
Gasoline Range Organics (C4-C12)	61.2	10	mg/m³ Air	55.0		111	65-142			
Gasoline Range Organics (C4-C12)	17.4	2.4	ppmv	15.6		112	65-142			
Surrogate: a,a,a-Trifluorotoluene	*1.20*		*"*	*1.34*		*90*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*7.16*		*mg/m³ Air*	*8.00*		*90*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*1.15*		*ppmv*	*1.12*		*103*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*8.22*		*mg/m³ Air*	*8.00*		*103*	*70-130*			
LCS Dup (4I12002-BSD1)			Prepared & Analyzed: 09/12/04							
Benzene	2.10	0.10	mg/m³ Air	2.00		105	62-125	7	31	
Benzene	0.660	0.031	ppmv	0.627		105	62-125	8	31	
Toluene	0.582	0.027	"	0.532		109	68-121	11	29	
Toluene	2.19	0.10	mg/m³ Air	2.00		110	68-121	11	29	
Ethylbenzene	2.32	0.10	"	2.00		116	75-125	16	32	
Ethylbenzene	0.536	0.023	ppmv	0.462		116	75-125	16	32	
Xylenes (total)	1.66	0.047	"	1.38		120	76-121	17	29	
Xylenes (total)	7.21	0.20	mg/m³ Air	6.00		120	76-121	17	29	
Methyl tert-butyl ether	4.24	0.50	"	4.00		106	70-130	10	25	
Methyl tert-butyl ether	1.18	0.14	ppmv	1.11		106	70-130	10	25	
Surrogate: a,a,a-Trifluorotoluene	*7.90*		*mg/m³ Air*	*8.00*		*99*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*1.32*		*ppmv*	*1.34*		*99*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*1.11*		*"*	*1.12*		*99*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*7.95*		*mg/m³ Air*	*8.00*		*99*	*70-130*			
LCS Dup (4I12002-BSD2)			Prepared & Analyzed: 09/12/04							
Gasoline Range Organics (C4-C12)	59.7	10	mg/m³ Air	55.0		109	65-142	2	50	
Gasoline Range Organics (C4-C12)	16.9	2.4	ppmv	15.6		108	65-142	3	50	
Surrogate: a,a,a-Trifluorotoluene	*1.27*		*"*	*1.34*		*95*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*7.59*		*mg/m³ Air*	*8.00*		*95*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*8.02*		*"*	*8.00*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*1.12*		*ppmv*	*1.12*		*100*	*70-130*			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNI0313
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	09/21/04 17:17

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. 800 382-3591
COREY WEIAND, ENGINEER 707 766-2028

CONSULTANT NAME: BRI 129311X
ADDRESS: 601 NORTH MCDOWELL
CITY / STATE / ZIP: PETALUMA, CA 94954
CONTACT: COREY WEIAND
PHONE: 707 766-2028
FAX: 707 789-0414
SAMPLER: Jon Leerman
SAMPLER SIGNATURE: Jon Leerman

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

MDE 0313

SAMPLE ID	DATE	TIME	# CONT	MATRIX	PRESERVATIVE			ANALYSES REQUESTED: TPHg, BTEX MBE 8015/8020					24 Hour Hold	10 Day TAT
A-Eff	9/9/04	1200	1	air	None			X					X	X
A-Inf	"	1230	1	air	None			X					X	X

RELINQUISHED BY: Jon Leerman DATE 9/10/04 TIME 900 RECEIVED BY: Jon Leerman DATE 9/10/04 TIME 930
RELINQUISHED BY: DATE 9-10-04 TIME 930 RECEIVED BY: DATE 9-10-04 TIME 930

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

rel by: 9-10-04 1448 9/10/04 1630
rec by: 9/10/04 1755 9/10/04 1755

MCOC'S

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ETEC
REC. BY (PRINT): EB
WORKORDER: MDI 0313

DATE REC'D AT LAB: 9-10-04
TIME REC'D AT LAB: 1754
DATE LOGGED IN: 9-10-04

For Regulatory Purposes?
DRINKING WATER YES / (NO)
WASTE WATER YES / (NO)

(For clients requiring preservation checks at receipt, document here ↓)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERV ATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)*
1. Custody Seal(s) Present / (Absent) Intact / Broken*									
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. Trip Blank / Temp Blank Received? (circle which, if yes) Yes (No)*									
14. Temp Rec. at Lab: — Is temp 4 +/-2°C? Yes / No**									

(ance range for samples requiring thermal pres.)

(tion (if any): METALS / OFF ON ICE
(blem COC Yellow bag

9-10-04 water

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

(ion 6
(v 6 (05/07/04)
(3/04

Page ____ of ____

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2 September, 2004

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

SEP 0 7 2004

RE: Former Exxon 7-0238
Work Order: MNH0648

Enclosed are the results of analyses for samples received by the laboratory on 08/25/04 09:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Leticia Reyes

Leticia Reyes
Project Manager

CA ELAP Certificate #1210

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNH0648
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	09/02/04 17:48

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A-EFF	MNH0648-01	Air	08/20/04 14:00	08/25/04 09:35
A-INF	MNH0648-02	Air	08/20/04 14:30	08/25/04 09:35

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNH0648
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	09/02/04 17:48

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 (MNH0648-01) Air Sampled: 08/20/04 14:00 Received: 08/25/04 09:35									**HT-09**
Gasoline Range Organics (C4-C12)	**92**	10	mg/m³ Air	1	4H30005	08/30/04	08/30/04	EPA 8015B/ 8021B	
Benzene	**0.41**	0.10	"	"	"	"	"	"	CF1
Toluene	**0.55**	0.10	"	"	"	"	"	"	
Ethylbenzene	**0.30**	0.10	"	"	"	"	"	"	CF1
Xylenes (total)	**2.5**	0.20	"	"	"	"	"	"	
Methyl tert-butyl ether	**0.92**	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*102 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92 %*	*70-130*		"	"	"	"	
Gasoline Range Organics (C4-C12)	**26**	2.4	ppmv	"	"	"	"	"	
Benzene	**0.13**	0.031	"	"	"	"	"	"	CF1
Toluene	**0.15**	0.027	"	"	"	"	"	"	
Ethylbenzene	**0.070**	0.023	"	"	"	"	"	"	CF1
Xylenes (total)	**0.57**	0.047	"	"	"	"	"	"	
Methyl tert-butyl ether	**0.26**	0.14	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*102 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92 %*	*70-130*		"	"	"	"	
A-INF (MNH0648-02) Air Sampled: 08/20/04 14:30 Received: 08/25/04 09:35									**HT-09**
Gasoline Range Organics (C4-C12)	**850**	500	mg/m³ Air	50	4H30005	08/30/04	08/30/04	EPA 8015B/ 8021B	
Benzene	**5.4**	5.0	"	"	"	"	"	"	CF1
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*97 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89 %*	*70-130*		"	"	"	"	
Gasoline Range Organics (C4-C12)	**240**	120	ppmv	50	"	"	"	"	
Benzene	**1.7**	1.6	"	"	"	"	"	"	CF1
Toluene	ND	1.3	"	"	"	"	"	"	
Ethylbenzene	ND	1.2	"	"	"	"	"	"	
Xylenes (total)	ND	2.4	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	6.9	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*97 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89 %*	*70-130*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNH0648
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	09/02/04 17:48

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 4H30005 - EPA 5030B [P/T]										
Blank (4H30005-BLK1)			Prepared & Analyzed: 08/30/04							
Gasoline Range Organics (C4-C12)	ND	2.4	ppmv							
Gasoline Range Organics (C4-C12)	ND	10	mg/m³ Air							
Benzene	ND	0.05	"							
Benzene	ND	0.0155	ppmv							
Toluene	ND	0.05	mg/m³ Air							
Toluene	ND	0.0135	ppmv							
Ethylbenzene	ND	0.05	mg/m³ Air							
Ethylbenzene	ND	0.0115	ppmv							
Xylenes (total)	ND	0.0235	"							
Xylenes (total)	ND	0.1	mg/m³ Air							
Methyl tert-butyl ether	ND	0.25	"							
Methyl tert-butyl ether	ND	0.07	ppmv							
Surrogate: a,a,a-Trifluorotoluene	*1.26*		*"*	*1.34*		*94*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*7.55*		*mg/m³ Air*	*8.00*		*94*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*6.76*		*"*	*8.00*		*84*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.945*		*ppmv*	*1.12*		*84*	*70-130*			
LCS (4H30005-BS1)			Prepared & Analyzed: 08/30/04							
Benzene	1.80	0.10	mg/m³ Air	2.00		90	62-125			
Benzene	0.564	0.031	ppmv	0.627		90	62-125			
Toluene	1.81	0.10	mg/m³ Air	2.00		90	68-121			
Toluene	0.482	0.027	ppmv	0.532		91	68-121			
Ethylbenzene	1.79	0.10	mg/m³ Air	2.00		90	75-125			
Ethylbenzene	0.413	0.023	ppmv	0.462		89	75-125			
Xylenes (total)	5.41	0.20	mg/m³ Air	6.00		90	76-121			
Xylenes (total)	1.25	0.047	ppmv	1.38		91	76-121			
Methyl tert-butyl ether	4.03	0.50	mg/m³ Air	4.00		101	70-130			
Methyl tert-butyl ether	1.12	0.14	ppmv	1.11		101	70-130			
Surrogate: a,a,a-Trifluorotoluene	*7.63*		*mg/m³ Air*	*8.00*		*95*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*1.28*		*ppmv*	*1.34*		*96*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*7.45*		*mg/m³ Air*	*8.00*		*93*	*70-130*			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNH0648
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	09/02/04 17:48

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 4H30005 - EPA 5030B [P/T]										
LCS (4H30005-BS1)				Prepared & Analyzed: 08/30/04						
Surrogate: 4-Bromofluorobenzene	*1.04*		*ppmv*	*1.12*		*93*	*70-130*			
LCS (4H30005-BS2)				Prepared & Analyzed: 08/30/04						
Gasoline Range Organics (C4-C12)	56.9	10	mg/m³ Air	50.0		114	65-142			
Gasoline Range Organics (C4-C12)	16.2	2.4	ppmv	14.2		114	65-142			
Surrogate: a,a,a-Trifluorotoluene	*1.27*		*"*	*1.34*		*95*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*7.56*		*mg/m³ Air*	*8.00*		*94*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*1.07*		*ppmv*	*1.12*		*96*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*7.66*		*mg/m³ Air*	*8.00*		*96*	*70-130*			
LCS Dup (4H30005-BSD1)				Prepared & Analyzed: 08/30/04						
Benzene	2.07	0.10	mg/m³ Air	2.00		104	62-125	14	31	
Benzene	0.648	0.031	ppmv	0.627		103	62-125	14	31	
Toluene	0.549	0.027	"	0.532		103	68-121	13	29	
Toluene	2.06	0.10	mg/m³ Air	2.00		103	68-121	13	29	
Ethylbenzene	2.02	0.10	"	2.00		101	75-125	12	32	
Ethylbenzene	0.466	0.023	ppmv	0.462		101	75-125	12	32	
Xylenes (total)	1.40	0.047	"	1.38		101	76-121	11	29	
Xylenes (total)	6.06	0.20	mg/m³ Air	6.00		101	76-121	11	29	
Methyl tert-butyl ether	4.66	0.50	"	4.00		116	70-130	14	25	
Methyl tert-butyl ether	1.29	0.14	ppmv	1.11		116	70-130	14	25	
Surrogate: a,a,a-Trifluorotoluene	*7.61*		*mg/m³ Air*	*8.00*		*95*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*1.27*		*ppmv*	*1.34*		*95*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*0.954*		*"*	*1.12*		*85*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*6.83*		*mg/m³ Air*	*8.00*		*85*	*70-130*			
LCS Dup (4H30005-BSD2)				Prepared & Analyzed: 08/30/04						
Gasoline Range Organics (C4-C12)	51.7	10	mg/m³ Air	50.0		103	65-142	10	50	
Gasoline Range Organics (C4-C12)	14.7	2.4	ppmv	14.2		104	65-142	10	50	
Surrogate: a,a,a-Trifluorotoluene	*1.22*		*"*	*1.34*		*91*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*7.29*		*mg/m³ Air*	*8.00*		*91*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*7.33*		*"*	*8.00*		*92*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*1.02*		*ppmv*	*1.12*		*91*	*70-130*			

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FAX (408) 782-6308
www.sequoialabs.com

Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNH0648
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	09/02/04 17:48

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. 800 382-3591
COREY WEIAND, ENGINEER 707 766-2028

CONSULTANT NAME ERI 229311X
ADDRESS 601 NORTH MCDOWELL
CITY / STATE / ZIP PETALUMA, CA 94954
CONTACT COREY WEIAND
PHONE 707 766-2028
FAX 707 789-0414
SAMPLER
SAMPLER SIGNATURE

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

MW4 0698

SAMPLE ID	DATE	TIME	# CONT	MATRIX	PRESERVATIVE			ANALYSES REQUESTED: TPHg, BTEX MBES 8015/8020					[illegible]	10 Day TAT
A-Eff	8/20/04	1400	1	air	None	#1		X						X
A-Inf		1430	1	air	None	#2		X						X

RELINQUISHED BY: [signature] DATE 8/24/04 TIME 1630 RECEIVED BY: [signature] DATE 8/24/04 TIME 1645
RELINQUISHED BY: DATE TIME RECEIVED BY: DATE 8/25/04 TIME 0935
TEMP — SAMPLE CONTAINERS INTACT? (Y) N VOA'S FREE OF HEADSPACE? Y N (N/A)

\OM\2294\COC'S

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ERI
REC. BY (PRINT) PH
WORKORDER: M04 0644

DATE REC'D AT LAB: 8/25/04
TIME REC'D AT LAB: 0930
DATE LOGGED IN: 8-25-04

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO
(For clients requiring preservation checks at receipt, document here ↓)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent; Intact / Broken*			A-EFF	TED LAR	—	—	A	8/20/04	
			A-INF	↓	↓	↓	↓	↓	
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. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*									
14. Temp Rec. at Lab: — Is temp 4 +/-2°C? Yes / No*									

(Acceptance range for samples requiring thermal pres.)

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

8/25/04

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

Sequoia Analytical

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August 06 , 2004

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

RE: Former Exxon 7-0238
Work Order: MNG0497

Enclosed are the results of analyses for samples received by the laboratory on 07/23/04. 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

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNG0497
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/06/04 10:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A-EFF	MNG0497-01	Air	07/22/04 15:00	07/23/04 17:00
A-INF	MNG0497-02	Air	07/22/04 15:30	07/23/04 17:00

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNG0497
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/06/04 10:25

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 (MNG0497-01) Air Sampled: 07/22/04 15:00 Received: 07/23/04 17:00									**HT-09**
Gasoline Range Organics (C4-C12)	**37**	10	mg/m³ Air	1	4G27005	07/27/04	07/27/04	EPA 8015B/ 8021B	
Benzene	**0.35**	0.10	"	"	"	"	"	"	CF1
Toluene	**1.0**	0.10	"	"	"	"	"	"	
Ethylbenzene	**0.37**	0.10	"	"	"	"	"	"	
Xylenes (total)	**1.5**	0.20	"	"	"	"	"	"	
Methyl tert-butyl ether	**0.55**	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*98 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*	*70-130*		"	"	"	"	
Gasoline Range Organics (C4-C12)	**11**	2.4	ppmv	"	"	"	"	"	
Benzene	**0.11**	0.031	"	"	"	"	"	"	CF1
Toluene	**0.28**	0.027	"	"	"	"	"	"	
Ethylbenzene	**0.086**	0.023	"	"	"	"	"	"	
Xylenes (total)	**0.35**	0.047	"	"	"	"	"	"	
Methyl tert-butyl ether	**0.15**	0.14	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*98 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95 %*	*70-130*		"	"	"	"	
A-INF (MNG0497-02) Air Sampled: 07/22/04 15:30 Received: 07/23/04 17:00									**HT-09**
Gasoline Range Organics (C4-C12)	**400**	100	mg/m³ Air	10	4G27005	07/27/04	07/27/04	EPA 8015B/ 8021B	
Benzene	**3.4**	1.0	"	"	"	"	"	"	CF1
Toluene	**11**	1.0	"	"	"	"	"	"	
Ethylbenzene	**3.0**	1.0	"	"	"	"	"	"	
Xylenes (total)	**9.9**	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**13**	5.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*97 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*	*70-130*		"	"	"	"	
Gasoline Range Organics (C4-C12)	**110**	24	ppmv	10	"	"	"	"	
Benzene	**1.1**	0.31	"	"	"	"	"	"	CF1
Toluene	**2.8**	0.27	"	"	"	"	"	"	
Ethylbenzene	**0.68**	0.23	"	"	"	"	"	"	
Xylenes (total)	**2.3**	0.47	"	"	"	"	"	"	
Methyl tert-butyl ether	**3.6**	1.4	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*97 %*	*56-134*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95 %*	*70-130*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNG0497
601 North McDowell Blvd.	Project Number: 7-0238	Reported:
Petaluma CA, 94954	Project Manager: Rob Saur	08/06/04 10:25

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 4G27005 - EPA 5030B [P/T]										
Blank (4G27005-BLK1)			Prepared & Analyzed: 07/27/04							
Gasoline Range Organics (C4-C12)	ND	2.4	ppmv							
Gasoline Range Organics (C4-C12)	ND	10	mg/m³ Air							
Benzene	ND	0.05	"							
Benzene	ND	0.0155	ppmv							
Toluene	ND	0.05	mg/m³ Air							
Toluene	ND	0.0135	ppmv							
Ethylbenzene	ND	0.05	mg/m³ Air							
Ethylbenzene	ND	0.0115	ppmv							
Xylenes (total)	ND	0.0235	"							
Xylenes (total)	ND	0.1	mg/m³ Air							
Methyl tert-butyl ether	ND	0.25	"							
Methyl tert-butyl ether	ND	0.07	ppmv							
Surrogate: a,a,a-Trifluorotoluene	*1.30*		"	*1.34*		*97*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*7.76*		*mg/m³ Air*	*8.00*		*97*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*7.35*		"	*8.00*		*92*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*1.03*		*ppmv*	*1.12*		*92*	*70-130*			
LCS (4G27005-BS1)			Prepared & Analyzed: 07/27/04							
Benzene	2.08	0.10	mg/m³ Air	2.00		104	62-125			
Benzene	0.651	0.031	ppmv	0.627		104	62-125			
Toluene	2.08	0.10	mg/m³ Air	2.00		104	68-121			
Toluene	0.554	0.027	ppmv	0.532		104	68-121			
Ethylbenzene	2.11	0.10	mg/m³ Air	2.00		106	75-125			
Ethylbenzene	0.486	0.023	ppmv	0.462		105	75-125			
Xylenes (total)	6.44	0.20	mg/m³ Air	6.00		107	76-121			
Xylenes (total)	1.49	0.047	ppmv	1.38		108	76-121			
Methyl tert-butyl ether	4.00	0.50	mg/m³ Air	4.00		100	70-130			
Methyl tert-butyl ether	1.11	0.14	ppmv	1.11		100	70-130			
Surrogate: a,a,a-Trifluorotoluene	*7.91*		*mg/m³ Air*	*8.00*		*99*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*1.33*		*ppmv*	*1.34*		*99*	*56-134*			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNG0497
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/06/04 10:25

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 4G27005 - EPA 5030B [P/T]										
LCS (4G27005-BS1)				Prepared & Analyzed: 07/27/04						
Surrogate: 4-Bromofluorobenzene	*7.30*		*mg/m³ Air*	*8.00*		*91*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*1.02*		*ppmv*	*1.12*		*91*	*70-130*			
LCS (4G27005-BS2)				Prepared & Analyzed: 07/27/04						
Gasoline Range Organics (C4-C12)	55.9	10	mg/m³ Air	50.0		112	65-142			
Gasoline Range Organics (C4-C12)	15.9	2.4	ppmv	14.2		112	65-142			
Surrogate: a,a,a-Trifluorotoluene	*1.24*		*"*	*1.34*		*93*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*7.43*		*mg/m³ Air*	*8.00*		*93*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*1.10*		*ppmv*	*1.12*		*98*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*7.86*		*mg/m³ Air*	*8.00*		*98*	*70-130*			
LCS Dup (4G27005-BSD1)				Prepared & Analyzed: 07/27/04						
Benzene	2.13	0.10	mg/m³ Air	2.00		106	62-125	2	31	
Benzene	0.669	0.031	ppmv	0.627		107	62-125	3	31	
Toluene	0.572	0.027	"	0.532		108	68-121	3	29	
Toluene	2.15	0.10	mg/m³ Air	2.00		108	68-121	3	29	
Ethylbenzene	2.18	0.10	"	2.00		109	75-125	3	32	
Ethylbenzene	0.504	0.023	ppmv	0.462		109	75-125	4	32	
Xylenes (total)	1.55	0.047	"	1.38		112	76-121	4	29	
Xylenes (total)	6.71	0.20	mg/m³ Air	6.00		112	76-121	4	29	
Methyl tert-butyl ether	4.09	0.50	"	4.00		102	70-130	2	25	
Methyl tert-butyl ether	1.14	0.14	ppmv	1.11		103	70-130	3	25	
Surrogate: a,a,a-Trifluorotoluene	*7.91*		*mg/m³ Air*	*8.00*		*99*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*1.33*		*ppmv*	*1.34*		*99*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*0.979*		*"*	*1.12*		*87*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*7.01*		*mg/m³ Air*	*8.00*		*88*	*70-130*			
LCS Dup (4G27005-BSD2)				Prepared & Analyzed: 07/27/04						
Gasoline Range Organics (C4-C12)	58.1	10	mg/m³ Air	50.0		116	65-142	4	50	
Gasoline Range Organics (C4-C12)	16.5	2.4	ppmv	14.2		116	65-142	4	50	
Surrogate: a,a,a-Trifluorotoluene	*1.28*		*"*	*1.34*		*96*	*56-134*			
Surrogate: a,a,a-Trifluorotoluene	*7.65*		*mg/m³ Air*	*8.00*		*96*	*56-134*			
Surrogate: 4-Bromofluorobenzene	*7.91*		*"*	*8.00*		*99*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*1.11*		*ppmv*	*1.12*		*99*	*70-130*			

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNG0497
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/06/04 10:25

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

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ENVIRONMENTAL RESOLUTIONS, INC
ROB SAUR, PROJ. MGR. 800 382-3591
COREY WEIAND, ENGINEER 707 766-2028

CONSULTANT NAME ERI 229311X
ADDRESS 601 NORTH MCDOWELL
CITY / STATE / ZIP PETALUMA, CA 94954
CONTACT COREY WEIAND
PHONE 707 766-2028
FAX 707 766-0414
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

MDG 6497

SAMPLE ID	DATE	TIME	# CONT	MATRIX	PRESERVATIVE			ANALYSES REQUESTED: TPHg, BTEX MtBE 8015/8020					24 Hour Hold	10 Day TAT
A-Eff	7/22/04	1500	1	air	None			X					X	X
A-Inf	7/22/04	1530	1	air	None			X					X	X

RELINQUISHED BY: Jon Herman DATE 7/23/04 TIME 931 RECEIVED BY: Jon Herman DATE 7/23/04 TIME 970

RELINQUISHED BY: DATE 7-23-04 TIME RECEIVED BY: DATE 7/23/04 TIME 1600

TEMP SAMPLE CONTAINERS INTACT? Y N 7/23/04 1700 VOA'S FREE OF HEADSPACE? Y N 7/23/04 1700

FN OM\2294\COC'S

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ERI
REC. BY (PRINT): EB
WORKORDER: MNG 0497

DATE REC'D AT LAB: 7-23-04
TIME REC'D AT LAB: 1700
DATE LOGGED IN: 7-23-04

For Regulatory Purposes?
DRINKING WATER YES / (NO)
WASTE WATER YES / (NO)

(For clients requiring preservation checks at receipt, document here ⬇)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent)			A - EFF	tedlar	–	–	A	7-22-04	
Intact / Broken*			A - INF	"	"	"	"	"	
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. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / (No*)									
14. 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

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

7-23-04 1700

Sequoia
Analytical

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27 September, 2004

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

RE: Former Exxon 7-0238
Work Order: MNI0335

Enclosed are the results of analyses for samples received by the laboratory on 09/10/04 17:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Leticia Reyes

Leticia Reyes
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNI0335
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	09/27/04 11:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W-INF	MNI0335-01	Water	09/09/04 13:30	09/10/04 17:55
INT-1	MNI0335-02	Water	09/09/04 13:00	09/10/04 17:55
INT-2	MNI0335-03	Water	09/09/04 12:30	09/10/04 17:55
PSP-1	MNI0335-04	Water	09/09/04 12:00	09/10/04 17:55

Samples were received at 2.1°C

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNI0335
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	09/27/04 11:50

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 (MNI0335-01) Water Sampled: 09/09/04 13:30 Received: 09/10/04 17:55									
Gasoline Range Organics (C4-C12)	**600**	500	ug/l	10	4I21035	09/21/04	09/21/04	EPA 8015B/ 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**210**	25	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*101 %*		*55-142*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91 %*		*70-130*	"	"	"	"	
INT-1 (MNI0335-02) Water Sampled: 09/09/04 13:00 Received: 09/10/04 17:55									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	4I21035	09/21/04	09/21/04	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		*100 %*		*55-142*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93 %*		*70-130*	"	"	"	"	
INT-2 (MNI0335-03) Water Sampled: 09/09/04 12:30 Received: 09/10/04 17:55									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	4I21035	09/21/04	09/21/04	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		*101 %*		*55-142*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*83 %*		*70-130*	"	"	"	"	

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNI0335
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	09/27/04 11:50

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 (MNI0335-04) Water Sampled: 09/09/04 12:00 Received: 09/10/04 17:55									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	4I21035	09/21/04	09/21/04	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		*101 %*		*55-142*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89 %*		*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	MNI0335 **Reported:** 09/27/04 11:50

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 (MNI0335-01) Water Sampled: 09/09/04 13:30 Received: 09/10/04 17:55									
Diesel Range Organics (C10-C28)	**130**	49	ug/l	1	4I13001	09/13/04	09/14/04	EPA 8015B-SVOA	HC-12, HC-19
Surrogate: n-Octacosane		*94 %*	*23-128*		"	"	"	"	
INT-1 (MNI0335-02) Water Sampled: 09/09/04 13:00 Received: 09/10/04 17:55									
Diesel Range Organics (C10-C28)	ND	48	ug/l	1	4I13001	09/13/04	09/14/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*93 %*	*23-128*		"	"	"	"	
INT-2 (MNI0335-03) Water Sampled: 09/09/04 12:30 Received: 09/10/04 17:55									
Diesel Range Organics (C10-C28)	ND	50	ug/l	1	4I13001	09/13/04	09/14/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*90 %*	*23-128*		"	"	"	"	
PSP-1 (MNI0335-04) Water Sampled: 09/09/04 12:00 Received: 09/10/04 17:55									
Diesel Range Organics (C10-C28)	ND	50	ug/l	1	4I13001	09/13/04	09/14/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*96 %*	*23-128*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNI0335
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	09/27/04 11:50

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 4I21035 - EPA 5030B [P/T]										
Blank (4I21035-BLK1)				Prepared & Analyzed: 09/21/04						
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	*39.0*		"	*40.0*		*98*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*36.2*		"	*40.0*		*90*	*70-130*			
LCS (4I21035-BS1)				Prepared & Analyzed: 09/21/04						
Gasoline Range Organics (C4-C12)	237	50	ug/l	275		86	62-134			
Benzene	4.61	0.50	"	4.00		115	68-140			
Toluene	18.4	0.50	"	18.6		99	76-127			
Ethylbenzene	4.21	0.50	"	4.35		97	77-130			
Xylenes (total)	22.2	0.50	"	21.0		106	78-128			
Surrogate: a,a,a-Trifluorotoluene	*37.6*		"	*40.0*		*94*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*41.9*		"	*40.0*		*105*	*70-130*			
Matrix Spike (4I21035-MS1)	**Source: MNI0335-04**			Prepared & Analyzed: 09/21/04						
Gasoline Range Organics (C4-C12)	243	50	ug/l	275	ND	88	62-134			
Benzene	4.68	0.50	"	4.00	ND	117	68-140			
Toluene	18.7	0.50	"	18.6	ND	101	76-127			
Ethylbenzene	4.37	0.50	"	4.35	ND	100	77-130			
Xylenes (total)	22.6	0.50	"	21.0	ND	108	78-128			
Surrogate: a,a,a-Trifluorotoluene	*37.6*		"	*40.0*		*94*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*42.7*		"	*40.0*		*107*	*70-130*			
Matrix Spike Dup (4I21035-MSD1)	**Source: MNI0335-04**			Prepared & Analyzed: 09/21/04						
Gasoline Range Organics (C4-C12)	238	50	ug/l	275	ND	87	62-134	2	41	
Benzene	4.82	0.50	"	4.00	ND	120	68-140	3	30	
Toluene	19.4	0.50	"	18.6	ND	104	76-127	4	30	
Ethylbenzene	4.47	0.50	"	4.35	ND	103	77-130	2	21	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNI0335
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	09/27/04 11:50

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 4I21035 - EPA 5030B [P/T]										
Matrix Spike Dup (4I21035-MSD1)	**Source: MNI0335-04**			Prepared & Analyzed: 09/21/04						
Xylenes (total)	23.4	0.50	ug/l	21.0	ND	111	78-128	3	21	
Surrogate: a,a,a-Trifluorotoluene	*38.1*		"	*40.0*		*95*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*41.6*		"	*40.0*		*104*	*70-130*			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNI0335
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	09/27/04 11:50

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 4I13001 - EPA 3510C										
Blank (4I13001-BLK1)				Prepared & Analyzed: 09/13/04						
Diesel Range Organics (C10-C28)	ND	35	ug/l							
Surrogate: n-Octacosane	*37.2*		"	*50.0*		*74*	*23-128*			
LCS (4I13001-BS1)				Prepared & Analyzed: 09/13/04						
Diesel Range Organics (C10-C28)	412	50	ug/l	500		82	35-144			
Surrogate: n-Octacosane	*45.0*		"	*50.0*		*90*	*23-128*			
LCS Dup (4I13001-BSD1)				Prepared & Analyzed: 09/13/04						
Diesel Range Organics (C10-C28)	412	50	ug/l	500		82	35-144	0	24	
Surrogate: n-Octacosane	*41.2*		"	*50.0*		*82*	*23-128*			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNI0335
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Corey Weiand	09/27/04 11:50

Notes and Definitions

HC-19	Discrete peak @ C23.
HC-12	Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
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

X

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
COREY WEIAND, ENGINEER 707 766-2028

CONSULTANT NAME ERI 229311X
ADDRESS 601 NORTH MCDOWELL
CITY / STATE / ZIP PETALUMA, CA 94954
CONTACT COREY WEIAND
PHONE 800 382-9105
FAX 707 766-0414
SAMPLER JON HEUMAN
SAMPLER SIGNATURE Jon Heuman

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

MDL 0335

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

ANALYSES REQUESTED

	SAMPLE ID	DATE	TIME	# CONT	MATRIX	PRESERVATIVE	TPEG/BTEX/MTBE 8015m/8021B		TPHd 8015m*					72 hour TAT	10 day TAT	Fax Results
01	W-INF	9/9/04	1330	2/4	H_2O	None/HCL	X		X						X	
02	W-INT-1	"	1300	2/4	H_2O	None/HCL	X		X						X	
03	W-INT-2	"	1230	2/4	H_2O	None/HCL	X		X						X	
04	PSP-1	"	1200	2/4	H_2O	None/HCL	X		X						X	

RELINQUISHED BY: Jon Heuman DATE 9/10/04 TIME 915 RECEIVED BY: Jon Heuman DATE 9/10/04 TIME 930

RELINQUISHED BY: [signature] DATE 9-10-04 TIME 0930 RECEIVED BY: [signature] DATE 9-10-04 TIME 0930

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

rel by: [signature] 9-10-04 1445

rec by: [signature] 9/10/04 1630

[signature] 9/10/04 1755

PO (NH) · 9/10/04 1755

N:\OM0294\COC'S

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Environmental Rep. Inc
REC. BY (PRINT): PD (HH)
WORKORDER: MDL 6335

DATE REC'D AT LAB: 9/10/04
TIME REC'D AT LAB: 1955
DATE LOGGED IN: 9-12-04

For Regulatory Purposes?
DRINKING WATER YES / (NO)
WASTE WATER (YES) / NO

(For clients requiring preservation checks at receipt, document here ↓)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*			W-IMP	1L Amber (2)	—	—	W	9/9/04	
2. Chain-of-Custody (Present) / Absent*			-INT-1						
3. Traffic Reports or Packing List: Present / (Absent)			-INT-2						
4. Airbill: Airbill / Sticker Present / (Absent)			PSP-1						
5. Airbill #:			W-INF	VOA (4)	HCl		W	9/9/04	
6. Sample Labels: (Present) / Absent			-INT-1						
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody			-INT-2						
8. Sample Condition: (Intact) / Broken* / Leaking*			PSP-1						
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. Trip Blank / Temp Blank Received? (circle which, if yes) N/A Yes / (No)									
14. Temp Rec. at Lab: 2.1°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

9/10/04 PD

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

TL Revision 0
Taces Rev 5 (06/07/04)
ive 07/13/04

Sequoia Analytical

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AUG 2 6 2004

August 24 , 2004

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

RE: Former Exxon 7-0238
Work Order: MNH0215

Enclosed are the results of analyses for samples received by the laboratory on 08/07/04. 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

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNH0215
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/24/04 09:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W-INF	MNH0215-01	Water	08/05/04 14:30	08/07/04 08:30
W-INT-1	MNH0215-02	Water	08/05/04 14:00	08/07/04 08:30
W-INT-2	MNH0215-03	Water	08/05/04 13:30	08/07/04 08:30
PSP-1	MNH0215-04	Water	08/05/04 13:00	08/07/04 08:30

The samples were received at 6°C.

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNH0215
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/24/04 09:32

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 (MNH0215-01) Water Sampled: 08/05/04 14:30 Received: 08/07/04 08:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	4H19011	08/19/04	08/19/04	EPA 8015B/ 8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**40**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*107 %*	*55-142*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*70-130*		"	"	"	"	
W-INT-1 (MNH0215-02) Water Sampled: 08/05/04 14:00 Received: 08/07/04 08:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	4H19011	08/19/04	08/19/04	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		*100 %*	*70-130*		"	"	"	"	
W-INT-2 (MNH0215-03) Water Sampled: 08/05/04 13:30 Received: 08/07/04 08:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	4H19011	08/19/04	08/19/04	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		*108 %*	*55-142*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*70-130*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNH0215
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/24/04 09:32

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 (MNH0215-04) Water Sampled: 08/05/04 13:00 Received: 08/07/04 08:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	4H19011	08/19/04	08/19/04	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		*100 %*		*70-130*	"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNH0215
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/24/04 09:32

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 (MNH0215-01) Water Sampled: 08/05/04 14:30 Received: 08/07/04 08:30									
Diesel Range Organics (C10-C28)	ND	50	ug/l	1	4H12001	08/12/04	08/18/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*91 %*		*23-128*	"	"	"	"	
W-INT-1 (MNH0215-02) Water Sampled: 08/05/04 14:00 Received: 08/07/04 08:30									
Diesel Range Organics (C10-C28)	ND	50	ug/l	1	4H12001	08/12/04	08/19/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*87 %*		*23-128*	"	"	"	"	
W-INT-2 (MNH0215-03) Water Sampled: 08/05/04 13:30 Received: 08/07/04 08:30									
Diesel Range Organics (C10-C28)	ND	50	ug/l	1	4H12001	08/12/04	08/19/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*89 %*		*23-128*	"	"	"	"	
PSP-1 (MNH0215-04) Water Sampled: 08/05/04 13:00 Received: 08/07/04 08:30									
Diesel Range Organics (C10-C28)	**67**	49	ug/l	1	4H12001	08/12/04	08/19/04	EPA 8015B-SVOA	HC-12
Surrogate: n-Octacosane		*88 %*		*23-128*	"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNH0215
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/24/04 09:32

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 4H19011 - EPA 5030B [P/T]										
Blank (4H19011-BLK1)				Prepared & Analyzed: 08/19/04						
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	*43.1*		"	*40.0*		*108*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*39.8*		"	*40.0*		*100*	*70-130*			
LCS (4H19011-BS1)				Prepared & Analyzed: 08/19/04						
Benzene	10.1	0.50	ug/l	10.0		101	68-140			
Toluene	10.1	0.50	"	10.0		101	76-127			
Ethylbenzene	10.2	0.50	"	10.0		102	77-130			
Xylenes (total)	30.2	0.50	"	30.0		101	78-128			
Surrogate: a,a,a-Trifluorotoluene	*42.7*		"	*40.0*		*107*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*40.6*		"	*40.0*		*102*	*70-130*			
LCS (4H19011-BS2)				Prepared & Analyzed: 08/19/04						
Gasoline Range Organics (C4-C12)	258	50	ug/l	250		103	62-134			
Surrogate: a,a,a-Trifluorotoluene	*41.5*		"	*40.0*		*104*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*42.3*		"	*40.0*		*106*	*70-130*			
Matrix Spike (4H19011-MS1)		Source: MNH0215-02		Prepared & Analyzed: 08/19/04						
Gasoline Range Organics (C4-C12)	543	50	ug/l	550	ND	99	62-134			
Benzene	7.53	0.50	"	8.00	ND	94	68-140			
Toluene	35.0	0.50	"	37.1	ND	94	76-127			
Ethylbenzene	8.38	0.50	"	8.70	ND	96	77-130			
Xylenes (total)	41.6	0.50	"	42.1	ND	99	78-128			
Surrogate: a,a,a-Trifluorotoluene	*40.9*		"	*40.0*		*102*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*44.6*		"	*40.0*		*112*	*70-130*			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNH0215
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/24/04 09:32

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 4H19011 - EPA 5030B [P/T]										
Matrix Spike Dup (4H19011-MSD1)	**Source: MNH0215-02**		Prepared & Analyzed: 08/19/04							
Gasoline Range Organics (C4-C12)	499	50	ug/l	550	ND	91	62-134	8	41	
Benzene	7.00	0.50	"	8.00	ND	88	68-140	7	30	
Toluene	33.4	0.50	"	37.1	ND	90	76-127	5	30	
Ethylbenzene	7.92	0.50	"	8.70	ND	91	77-130	6	21	
Xylenes (total)	39.1	0.50	"	42.1	ND	93	78-128	6	21	
Surrogate: a,a,a-Trifluorotoluene	*41.1*		"	*40.0*		*103*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*44.5*		"	*40.0*		*111*	*70-130*			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNH0215
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/24/04 09:32

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 4H12001 - EPA 3510C										
Blank (4H12001-BLK1)				Prepared & Analyzed: 08/12/04						
Diesel Range Organics (C10-C28)	ND	35	ug/l							
Surrogate: n-Octacosane	*43.1*		"	*50.0*		*86*	*23-128*			
LCS (4H12001-BS1)				Prepared & Analyzed: 08/12/04						
Diesel Range Organics (C10-C28)	488	50	ug/l	500		98	35-144			
Surrogate: n-Octacosane	*46.3*		"	*50.0*		*93*	*23-128*			
LCS Dup (4H12001-BSD1)				Prepared & Analyzed: 08/12/04						
Diesel Range Organics (C10-C28)	485	50	ug/l	500		97	35-144	0.6	24	
Surrogate: n-Octacosane	*42.6*		"	*50.0*		*85*	*23-128*			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNH0215
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/24/04 09:32

Notes and Definitions

HC-12	Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
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
COREY WEIAND, ENGINEER 707 766-2028

CONSULTANT NAME: ERI 229311X
ADDRESS: 601 NORTH MCDOWELL
CITY / STATE / ZIP: PETALUMA, CA 94954
CONTACT: COREY WEIAND
PHONE: 800 382-9105
FAX: 707 766-0414
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

MNA0215

*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	8/5/04	1430	2/4	H_2O	None/HCL	X		X						X	
W-INT-1 02	"	1400	2/4	H_2O	None/HCL	X		X						X	
W-INT-2 03	"	1330	2/4	H_2O	None/HCL	X		X						X	
PSP-1 04	"	1300	2/4	H_2O	None/HCL	X		X						X	

RELINQUISHED BY: J Herman DATE 8/6/04 TIME 1000 RECEIVED BY: [signature] DATE 8/6/04 TIME 10:50

RELINQUISHED BY: [signature] DATE 8/6/04 TIME 1730 RECEIVED BY: [signature] DATE 8/7/04 TIME 8:30 A.M

TEMP 6°C SAMPLE CONTAINERS INTACT? (Y) N VOA'S FREE OF HEADSPACE? (Y) N

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: EAI
REC. BY (PRINT): Iaa Vanyo
WORKORDER: 4704215

DATE REC'D AT LAB: 08/07/04
TIME REC'D AT LAB: 8:30 A.M.
DATE LOGGED IN: 8-8-04

For Regulatory Purposes?
DRINKING WATER YES / (NO)
WASTE WATER YES / (NO)
(For clients requiring preservation checks at receipt, document here ↓)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERV. ATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*			W-INF	2) VOA	HCl		L	8/5/04	
2. Chain-of-Custody (Present) / Absent*			W-INT-1	4) VOA	HCl				
3. Traffic Reports or Packing List: Present / (Absent)			W-INT-2	Same	Same				
4. Airbill: Airbill / Sticker Present / (Absent)			PSA-1	↓	↓	↓	↓	↓	
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. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / (No)									
14. Temp Rec. at Lab: 6°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

08/07/04
AL

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

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August 06 , 2004

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

RE: Former Exxon 7-0238
Work Order: MNG0546

Enclosed are the results of analyses for samples received by the laboratory on 07/23/04. 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	MNG0546
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/06/04 10:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W-INF	MNG0546-01	Water	07/22/04 16:45	07/23/04 17:00
W-INT-1	MNG0546-02	Water	07/22/04 16:30	07/23/04 17:00
W-INT-2	MNG0546-03	Water	07/22/04 16:15	07/23/04 17:00
PSP-1	MNG0546-04	Water	07/22/04 16:00	07/23/04 17:00

The samples were received at 6°C.

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNG0546
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/06/04 10:41

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 (MNG0546-01) Water Sampled: 07/22/04 16:45 Received: 07/23/04 17:00									
Gasoline Range Organics (C4-C12)	**280**	250	ug/l	5	4G29012	07/29/04	07/29/04	EPA 8015B/ 8021B	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	**4.9**	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	**2.5**	2.5	"	"	"	"	"	"	CF1
Methyl tert-butyl ether	**110**	12	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*55-142*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*70-130*		"	"	"	"	
W-INT-1 (MNG0546-02) Water Sampled: 07/22/04 16:30 Received: 07/23/04 17:00									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	4G29012	07/29/04	07/29/04	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		*108 %*	*70-130*		"	"	"	"	
W-INT-2 (MNG0546-03) Water Sampled: 07/22/04 16:15 Received: 07/23/04 17:00									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	4G29012	07/29/04	07/29/04	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		*106 %*	*55-142*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*70-130*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNG0546
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/06/04 10:41

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 (MNG0546-04) Water Sampled: 07/22/04 16:00 Received: 07/23/04 17:00									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	4G29012	07/29/04	07/29/04	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		*104 %*	*55-142*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*70-130*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNG0546
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/06/04 10:41

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 (MNG0546-01) Water Sampled: 07/22/04 16:45 Received: 07/23/04 17:00									
Diesel Range Organics (C10-C28)	78	50	ug/l	1	4G27010	07/27/04	07/29/04	EPA 8015B-SVOA	HC-12
Surrogate: n-Octacosane		*104 %*	*23-128*		"	"	"	"	
W-INT-1 (MNG0546-02) Water Sampled: 07/22/04 16:30 Received: 07/23/04 17:00									
Diesel Range Organics (C10-C28)	ND	48	ug/l	1	4G27010	07/27/04	07/29/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*102 %*	*23-128*		"	"	"	"	
W-INT-2 (MNG0546-03) Water Sampled: 07/22/04 16:15 Received: 07/23/04 17:00									
Diesel Range Organics (C10-C28)	ND	48	ug/l	1	4G27010	07/27/04	07/29/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*107 %*	*23-128*		"	"	"	"	
PSP-1 (MNG0546-04) Water Sampled: 07/22/04 16:00 Received: 07/23/04 17:00									
Diesel Range Organics (C10-C28)	ND	49	ug/l	1	4G27010	07/27/04	07/29/04	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*104 %*	*23-128*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNG0546
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/06/04 10:41

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 4G29012 - EPA 5030B [P/T]										
Blank (4G29012-BLK1)				Prepared & Analyzed: 07/29/04						
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	*40.9*		"	*40.0*		*102*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*42.1*		"	*40.0*		*105*	*70-130*			
LCS (4G29012-BS1)				Prepared & Analyzed: 07/29/04						
Benzene	10.0	0.50	ug/l	10.0		100	68-140			
Toluene	9.96	0.50	"	10.0		100	76-127			
Ethylbenzene	10.1	0.50	"	10.0		101	77-130			
Xylenes (total)	30.0	0.50	"	30.0		100	78-128			
Surrogate: a,a,a-Trifluorotoluene	*42.2*		"	*40.0*		*106*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*43.0*		"	*40.0*		*108*	*70-130*			
LCS (4G29012-BS2)				Prepared & Analyzed: 07/29/04						
Gasoline Range Organics (C4-C12)	245	50	ug/l	250		98	62-134			
Surrogate: a,a,a-Trifluorotoluene	*42.4*		"	*40.0*		*106*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*45.5*		"	*40.0*		*114*	*70-130*			
Matrix Spike (4G29012-MS1)		**Source: MNG0546-02**		Prepared & Analyzed: 07/29/04						
Gasoline Range Organics (C4-C12)	541	50	ug/l	550	ND	98	62-134			
Benzene	7.59	0.50	"	8.00	ND	95	68-140			
Toluene	35.5	0.50	"	37.1	ND	96	76-127			
Ethylbenzene	8.47	0.50	"	8.70	ND	97	77-130			
Xylenes (total)	41.9	0.50	"	42.1	ND	100	78-128			
Surrogate: a,a,a-Trifluorotoluene	*41.8*		"	*40.0*		*104*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*46.8*		"	*40.0*		*117*	*70-130*			

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.

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNG0546
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/06/04 10:41

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 4G29012 - EPA 5030B [P/T]										
Matrix Spike Dup (4G29012-MSD1)	**Source: MNG0546-02**		Prepared & Analyzed: 07/29/04							
Gasoline Range Organics (C4-C12)	513	50	ug/l	550	ND	93	62-134	5	41	
Benzene	7.21	0.50	"	8.00	ND	90	68-140	5	30	
Toluene	33.7	0.50	"	37.1	ND	91	76-127	5	30	
Ethylbenzene	8.06	0.50	"	8.70	ND	93	77-130	5	21	
Xylenes (total)	39.9	0.50	"	42.1	ND	95	78-128	5	21	
Surrogate: a,a,a-Trifluorotoluene	*40.9*		"	*40.0*		*102*	*55-142*			
Surrogate: 4-Bromofluorobenzene	*46.8*		"	*40.0*		*117*	*70-130*			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNG0546
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/06/04 10:41

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 4G27010 - EPA 3510C										
Blank (4G27010-BLK1)				Prepared: 07/27/04 Analyzed: 07/28/04						
Diesel Range Organics (C10-C28)	ND	35	ug/l							
Surrogate: n-Octacosane	*46.5*		"	*50.0*		*93*	*23-128*			
LCS (4G27010-BS1)				Prepared: 07/27/04 Analyzed: 07/28/04						
Diesel Range Organics (C10-C28)	465	50	ug/l	500		93	35-144			
Surrogate: n-Octacosane	*48.5*		"	*50.0*		*97*	*23-128*			
LCS Dup (4G27010-BSD1)				Prepared: 07/27/04 Analyzed: 07/28/04						
Diesel Range Organics (C10-C28)	454	50	ug/l	500		91	35-144	2	24	
Surrogate: n-Octacosane	*44.5*		"	*50.0*		*89*	*23-128*			

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www.sequoialabs.com

Environmental Resolutions (Exxon)	Project: Former Exxon 7-0238	MNG0546
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Rob Saur	08/06/04 10:41

Notes and Definitions

HC-12	Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
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 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
COREY WEIAND, ENGINEER 707 766-2028

CONSULTANT NAME ERI 229311X
ADDRESS 601 NORTH MCDOWELL
CITY / STATE / ZIP PETALUMA, CA 94954
CONTACT COREY WEIAND
PHONE 800 382-9105
FAX 707 766-0414
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

MNG 0554

*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	7/22/04	1605	2/4	H_2O	None/HCL	X		X						X	
W-INT-1	02	"	1630	2/4	H_2O	None/HCL	X		X						X	
W-INT-2	03	"	1605	2/4	H_2O	None/HCL	X		X						X	
PSP-1	04	"	1600	2/4	H_2O	None/HCL	X		X						X	

RELINQUISHED BY: Jon Herman DATE 7/23/04 TIME 930 RECEIVED BY: [signature] DATE 7/23/04 TIME 9:30
RELINQUISHED BY: [signature] DATE 7-23-04 TIME RECEIVED BY [signature] DATE 7/23/04 TIME 1600
TEMP SAMPLE CONTAINERS INTACT? Y N 7/23/04 1700 VOA'S FREE OF HEADSPACE? Y N
Lavarge 7/23/04/1700

FN OM\2294\COC'S

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ERI
REC. BY (PRINT) Laavanya
WORKORDER: MBG0547

DATE REC'D AT LAB: 07/23/04
TIME REC'D AT LAB: 17:00
DATE LOGGED IN: 7-28-04

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

(For clients requiring preservation checks at receipt, document here ⬇)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present (Absent) / Intact / Broken*			W-INF	(2) 1L Amber	—	—	L	7/22/04	
			↓	(4) VOA	HCl				
2. Chain-of-Custody (Present) / Absent*			W-INT-1	Same	same				
3. Traffic Reports or Packing List: Present (Absent)			W-INT-2	Same	↓				
			PSP-1	Same	↓	↓	↓	↓	
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. Trip Blank / Temp Blank Received? (circle which, if yes) Yes (No*)									
14. Temp Rec. at Lab: 6°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									

A.L 07/23/04

*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 is 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				
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)