ExxonMobil Refining & Supply Company Global Remediation - US Retail

4096 Piedmont Avenue #194 Oakland, California 94611 510.547.8196 510.547.8706 Fax jennifer.c.sedlachek@exxonmobil.com

Jennifer C. Sedlachek Project Manager

RECEIVED

By dehloptoxic at 7:49 am, Feb 13, 2007

ExonMobilRefining & Supply

February 6, 2007

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

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

Dear Mr. Plunkett:

Attached for your review and comment is a copy of the letter report entitled Groundwater Monitoring and Remediation Status Report, Fourth Quarter 2006, dated February 6, 2007, 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.

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

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

Sincerely,

Project Manager

Attachment:

ERI's Groundwater Monitoring and Remediation Status Report, Fourth Quarter 2006,

dated February 6, 2007.

edbelik

cc:

w/ attachment

Mr. Chuck Headlee, California Regional Water Quality Control Board, San Francisco Bay Region Mr. Robert C. Ehlers, M.S., P.E., The Valero Companies, Environmental Liability Management

w/o attachment

Ms. Paula Sime, Environmental Resolutions, Inc.

February 6, 2007 ERI 229313.Q064

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

SUBJECT

Groundwater Monitoring and Remediation Status Report, Fourth Quarter 2006

Former Exxon Service Station 7-0238 2200 East 12th Street, Oakland, California

Bay Area Air Quality Management District Permit to Operate No. 15044 East Bay Municipal Utility District Discharge Permit No. 5051679-1

INTRODUCTION

At the request of Exxon Mobil Corporation (Exxon Mobil), Environmental Resolutions, Inc. (ERI) performed fourth quarter 2006 groundwater monitoring and sampling activities at the subject site. This report covers select activities from October 6, 2006, through January 5, 2007. Relevant tables, plates, and attachments are included at the end of this report. Currently, the site operates as a Valero-branded service station.

GROUNDWATER MONITORING AND SAMPLING SUMMARY

Gauging and sampling dates:

12/15/06

Wells gauged and sampled:

MW9A through MW9D, MWF through MW9I

Presence of NAPL:

Not observed

Remediation system status on sampling date:

Active

Laboratory:

TestAmerica Analytical Testing Corporation

Morgan Hill, California

Analyses performed:

EPA Method 8015B

TPHg

EPA Method 8021B

BTEX

EPA Method 8260B MTBE, ETBE, DIPE, TAME, 1,2-DCA, EDB, TBA,

ethanol (select samples)

Waste disposal:

95 gallons of purge and decon water transferred

to remediation system on 12/15/06.

REMEDIATION SYSTEM SUMMARY

Dual-Phase Extraction System

The dual-phase extraction (DPE) system simultaneously extracts soil vapor and groundwater from four DPE wells (DPE1 through DPE4) and one groundwater monitoring well (MW9A). In May 2005, groundwater monitoring well MW9A was hooked up to the DPE system. Extracted soil vapor is abated using a catalytic oxidizer prior to atmospheric discharge in compliance with a Bay Area Air Quality Management District (BAAQMD) Permit to Operate. Groundwater extracted by the DPE system is processed through two sediment filters and three 1,000-pound liquid-phase granular activated carbon vessels prior to discharge to the sanitary sewer under provisions of an East Bay Municipal Utility District (EBMUD) discharge permit. On a monthly basis, ERI collects influent and effluent soil vapor and water samples from influent, intermediate, and effluent sample ports.

System start-up dates:

DPE System, Vapor-Phase

March 2004

DPE System, Liquid-Phase

January 2004

System discharge permits:

DPE System, Vapor-Phase

BAAQMD

DPE System, Liquid-Phase

Permit No.15044 EBMUD

Wastewater Permit No. 5051679-1

System reporting period:

10/06/06 - 01/05/07

System modifications during reporting period:

None

System status during reporting period:

Active

Laboratory:

TestAmerica Analytical Testing Corporation

Nashville, Tennessee Morgan Hill, California

Analyses Performed:

DPE System, Vapor Phase

EPA Method 18M

TPHg, BTEX, MTBE

DPE System, Liquid-Phase

EPA Method 8015B

TPHg

EPA Method 8021B

BTEX, MTBE

System Performance:

DPE System, Vapor-Phase

Period	Mass of TPHg Removed (Pounds)	Mass of Benzene Removed (Pounds)	Mass of MTBE Removed (Pounds)
10/06/06 - 01/05/07	<33.28	<0.33	<0.49
To Date:	<1,235.60	<10.99	<49.05

DPE System, Liquid-Phase

Period	Volume of Groundwater Treated (gal)	Mass of TPHg Removed (pounds)	Mass of Benzene Removed (pounds)	Mass of MTBE Removed (pounds)
10/06/06 - 01/05/07	84,340	<0.035	<0.0004	0.0157
To Date:	555,910	<1.783	<0.0145	1.0994

DOCUMENT DISTRIBUTION

ERI recommends forwarding copies of this report to:

Mr. Steven Plunkett
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. Robert C. Ehlers, M.S., P.E. The Valero Companies Environmental Liability Management 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 Exxon Mobil, and any reliance on this report by third parties shall be at such party's sole risk.

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



Karen Navarro
Te Said Writer

Heidi Dieffenbach-Carle
P.G. 6793

Attachments: Table 1A: Cumulative Groundwater Monitoring and Sampling Data

Table 1B: Additional Cumulative Groundwater Monitoring and Sampling Data

Table 2: Well Construction Details

Table 3: Operation and Performance Data for Dual-Phase Extraction System,

Vapor-Phase

Table 4: Operation and Performance Data for Dual-Phase Extraction System,

Liquid-Phase

Plate 1: Site Vicinity Map

Plate 2: Select Analytical Results
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
(Page 1 of 9)

Well	Sampling Date	TOC (foot)	DTW	GW Elev.	SUBJ	TPHg	MTBE 8021B	MTBE 8260B	В			
MW9A	11/02/95	(feet)	(feet)	(feet)		(µg/L)	(µg/L)	(µg/L)		T	E	X
MW9A	04/26/96	11.46	7.16	4.30	NLPH	<50	<10	(pg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L
		11.46	6.33	5.13	NLPH				<0.5	<0.5	< 0.5	<0.5
MW9A	08/22/96	11.46	7.02	4.44	NLPH			707				
MW9A	02/24/97	11.46	1986		*****	-	. 510. 0)	-		***	1100	
MW9A	03/16/98	11.46	6.14	5.32	NLPH	<200	40.000	***	-	≡21 8		***
MW9A	04/21/98	11.46	6.29	5.17	NLPH	<50	40,000	***	7.9	<2.0	<2.0	<2.0
MW9A	07/22/98	14.53	6.58	7.95	NLPH		53,000	***	3.8	< 0.5	<0.5	<0.5
MW9A	12/22/98	14.53	6.47	8.06	NLPH	<250	18,000	***	<2.5	<2.5	<2.5	<2.5
MW9A	02/26/99	14.53	6.38	8.15	NLPH	<50	5,200	***	<0.5	< 0.5	<0.5	<0.5
MW9A	05/27/99 a	14.53	6.56	7.97	NLPH	<100	10,000		<1.0	<1.0	<1.0	<1.0
MW9A	08/03/99	14.53	9.39	5.14		<5,000	15,300	757	<50	<50	<50	<50
MW9A	12/03/99	14.53	6.52	8.01	NLPH NLPH	<50	<2.5	222	< 0.5	<0.5	<0.5	<0.5
MW9A	02/29/00	14.53	5.31	9.22		<50	1,400		< 0.5	<0.5	<0.5	0.67
MW9A	05/18/00	14.53	6.31	8.22	NLPH	<50	20,000		1.2	<0.5	<0.5	<0.5
MW9A	07/24/00	14.53	6.54	7.99	NLPH	<50	14,000	11,000	< 0.5	<0.5	<0.5	
MW9A	10/09/00	14.53	6.00	8.53	NLPH	<50	7,400	(200	<0.5	<0.5	<0.5	<0.5
MW9A	01/10/01	14.53	6.34	8.19	NLPH	<50	2,300	18 744	<0.5	<0.5	<0.5	<0.5
MW9A	04/10/01	14.53	9.31		NLPH	<50	3,700		<0.5	<0.5	<0.5 <0.5	<0.5
MW9A	07/12/01	14.53	9.51	5.22	NLPH	<50	11,000		<0.5	<0.5		<0.5
MW9A	08/17/01 c	14.53			NLPH	<50	3,600	CHARLE	<0.5	<0.5	<0.5	<0.5
MW9A	10/11/01	14.53	6.61	7.92	997075000	***	1444				<0.5	<0.5
MW9A	10/11/01		7.03	7.50	NLPH	<50	1,700	1940E	<0.5		S-00-00	***
MW9A	01/11/02	14.51	Well surveyed in	compliance with	AB2886 requi	rements.	,		\0.5	<0.5	<0.5	<0.5
MW9A	04/12/02	14.51	5.93	8.58	NLPH	2,090e	31,000e		18.6e			
MW9A	07/12/02	14.51	6.41	8.10	NLPH	34,300	32,200	93775 9 222	<5.00	< 0.50	<0.50	< 0.5
MW9A		14.51	6.64	7.87	NLPH	6,760	8,070			<5.00	<5.00	< 5.0
MW9A	10/11/02	14.51	6.76	7.75	NLPH	2,420	2,860	3,040	< 0.5	<0.5	<0.5	< 0.5
MW9A	01/10/03	14.51	5.90	8.61	NLPH	38,800	51,900	3,040	< 0.5	<0.5	<0.5	< 0.5
MW9A	04/09/03	14.51	6.38	8.13	NLPH	34,200	38,600		103	15.0	<5.0	13.0
	07/22/03	14.51	6.56	7.95	NLPH	20,200	19,500	-	14.0	<5.0	<5.0	<5.0
MW9A	10/01/03	14.51	6.72	7.79	NLPH	9,460	19,500	7.000	0.50	<0.5	< 0.5	< 0.5
MW9A	01/06/04	14.51	5.89	8.62	NLPH	8,540	11,600	7,620	0.70	<0.5	< 0.5	<0.5
MW9A	06/07/04	14.51	6.80	7.71	NLPH	3,470		 F 600	<0.50	<0.5	<0.5	<0.5
MW9A	08/30/04 d	14.51				5,476		5,600	<0.50	<0.5	< 0.5	<0.5
MW9A	12/13/04	14.51	5.99	8.52	NLPH	1,130		(777	3500 00			
MW9A	03/14/05	14.51	6.03	8.48	NLPH	2,150		1,360	<0.50	< 0.5	< 0.5	< 0.5
MW9A	06/08/05	14.51	14.33	0.18	NLPH	1,610		2,560	0.80	<0.5	< 0.5	<0.5
MW9A	09/01/05	14.51	6.50	8.01	NLPH			2,040	< 0.50	<0.5	<0.5	<0.5
MW9A	12/09/05 i	14.51	16.50	-1.99		1,020		1,320	<0.50	< 0.50	<0.50	<0.50
MW9A	12/30/05	14.51	5.21	9.30	NLPH	1,140		801	1.16	< 0.50	<0.50	<0.50
MW9A	03/07/06	14.51	16.01	-1.50	NLPH	3155			***		-0.50	VU.50
MW9A	06/26/06	14.51	6.10		NLPH	400		560	<2.5	<2.5	<2.5	<2.5
MW9A	09/25/06	14.51	6.54	8.41	NLPH	390		430	<2.5	<2.5	<2.5	
MW9A	12/15/06	14.51	16.21	7.97	NLPH	150		172	<0.50	<0.50	<0.50	<2.5 <0.50
		17.01	10.21	-1.70	NLPH	250k		190	<2.5	0.00	~0.50	<0.50

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0238 2200 East 12th Street Oakland, California (Page 2 of 9)

Well ID	Sampling Date	TOC	DTW	GW Elev.	SUBJ	TPHg	MTBE 8021B	MTBE 8260B				
MW9B	11/02/95	(feet)	(feet)	(feet)		(µg/L)	(µg/L)		В	Т	E	X
MW9B		9.80	6.14	3.66	NLPH	130	<10	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L
_	04/26/96	9.80	5.66	4.14	NLPH	270	70	****	3.3	< 0.5	< 0.5	<0.5
MW9B	08/22/96	9.80	6.16	3.64	NLPH	210	31	Territoria.	130	2.8	6.7	<3
MW9B	02/24/97	9.80	5.58	4.22	NLPH	1,400		***	5.7	6.8	1.1	9.2
MW9B	03/16/98	12.83	5.32	7.51	NLPH	860	1,300	***	76	1.4	4.1	1.2
MW9B	04/21/98	12.83	5.49	7.34	NLPH	1,800	1,500	2011	140	2.0	11	<2.0
MW9B	07/22/98	12.83	5.79	7.04	NLPH	<500	18,000		300	<5.0	7.9	<5.0
MW9B	12/22/98	12.83	5.69	7.14	NLPH	700	26,000	****	13	<5.0	<5.0	<5.0 <5.0
MW9B	02/26/99	12.83	5.10	7.73	NLPH	8,800	21,000	222	110	3.1	9.1	14
MW9B	05/18/99	12.83	5.65	7.18	NLPH		8,000	1000	2,000	<25	52	38
MW9B	08/03/99	12.83	6.24	6.59	NLPH	<10,000	42,100	7 2/2	158	<100	<100	<100
MW9B	12/03/99	12.83	5.66	7.17	NLPH	960	24,900		<5.0	<5.0	<5.0	<5.0
MW9B	02/29/00	12.83	4.61	8.22	NLPH	<50	1,000		< 0.5	<0.5	<0.5	
MW9B	05/18/00	12.83	5.54	7.29		3,100	25,000		900	7	23	<0.5
MW9B	07/24/00	12.83	8.75		NLPH	780	34,000	26,000	150	<2.5		7.1
MW9B	10/09/00	12.83	4.84	4.08	NLPH	<250	39,000		8	<2.5	4.5	<2.5
MW9B	01/10/01	12.83	5.56	7.99	NLPH	<1,200	30,000		1.7	<0.5	<2.5	<2.5
MW9B	04/10/01	12.83	5.40	7.27	NLPH	<250	32,000		5.3	<0.5	<0.5	<0.5
MW9B	07/12/01	12.83	5.40	7.43	NLPH	360	27,000		69.0	<2.5	<0.5	<0.5
MW9B	08/17/01 c	12.83		***** C	NLPH	<250	41,000		<2.5		22.0	29.8
MW9B	10/11/01	12.83	5.83	7.00				***		<2.5	<2.5	<2.5
MW9B	Nov-01	12.84	8.70	4.13	NLPH	<250	24,000		<2.5			
MW9B	01/11/02	12.84	vveii surveyed ii	n compliance with		rements.			12.5	<2.5	<2.5	<2.5
MW9B	04/12/02	12.84	5.16	7.68	NLPH	9,170e	14,600e		66.0 e	440.0		
MW9B	07/12/02	12.84	5.57	7.27	NLPH	29,600	28,600	20150	12.0	<10.0	54.0	<10.0
MW9B	10/11/02 f	12.84	5.81	7.03	NLPH	20,200	27,700		<10.0	<5.00	<5.00	<5.00
MW9B	01/10/03	12.84	5.91	6.93	NLPH	18,900	24,300	28,200	2.3	14.0	<10.0	16.0
MW9B	04/09/03		5.09	7.75	NLPH	14,900	18,600	20,200	118	<0.5	<0.5	<0.5
MW9B	07/22/03	12.84	5.51	7.33	NLPH	21,800	24,900	1202	51.0	1.0	6.5	3.6
MW9B	10/01/03	12.84	6.09	6.75	NLPH	33,500	36,900	***	<0.50	<5.0	<5.0	<5.0
MW9B	01/06/04	12.84	6.16	6.68	NLPH	25,500		19,100		<0.5	<0.5	<0.5
MW9B		12.84	5.14	7.70	NLPH	10,400		15,700	1.10	<0.5	<0.5	<0.5
/W9B	06/07/04	12.84	9.47	3.37	NLPH	3,910		·	16.9	1.8	18.6	1.7
_	08/30/04	12.84	h	h	h	954h		1,960	<0.50	<0.5	< 0.5	< 0.5
MW9B	12/13/04	12.84	4.96	7.88	NLPH	233		925h	<0.50h	<0.5h	< 0.5	<0.5h
/W9B	03/14/05	12.84	5.52	7.32	NLPH	523		140	0.90	<0.5	< 0.5	< 0.5
/W9B	06/08/05	12.84	6.70	6.14	NLPH	114		504	< 0.50	< 0.5	< 0.5	<0.5
/W9B	09/01/05	12.84	5.92	6.92	NLPH	90.5		130	<0.50	< 0.5	< 0.5	<0.5
/W9B	12/09/05	12.84	8.46	4.38	NLPH	207		82.6	0.55	<0.50	<0.50	<0.50
/W9B	12/30/05	12.84	4.59	8.25	NLPH			149	< 0.50	< 0.50	<0.50	<0.50
MW9B	03/07/06	12.84	6.41	6.43	NLPH	98			1.000			· · · · · ·
MW9B	06/26/06	12.84	5.71	7.13	NLPH			64	< 0.50	< 0.50	<0.50	<0.50
/W9B	09/25/06	12.84	6.35	6.49	NLPH	130		39	0.63	< 0.50	0.53	0.53
M9B	12/15/06	12.84	6.77	6.07	NLPH NLPH	<50.0		7.40	< 0.50	< 0.50	<0.50	< 0.50
			~117	0.07	NIPH	<50		11			0.00	~v.au

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0238 2200 East 12th Street Oakland, California (Page 3 of 9)

Well	Sampling	TOC	DTW	OWE								
ID	Date	(feet)		GW Elev.	SUBJ	TPHg	MTBE 8021B	MTBE 8260B	В	-		
MW9C	11/02/95	11.14	(feet)	(feet)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	Т,	E	X
MW9C	04/26/96	11.14				***		(P3//		(µg/L)	(µg/L)	(µg/L)
MW9C	08/22/96	11.14		***		577		0 			1000	7777
MW9C	02/24/97	11.14		227	()	17000	(*****	2000 2000 2000	***			
MW9C	03/16/98	11.14			555	****	722		215 2		***	
MW9C	04/21/98	11.14	5.51	5.63	NLPH	<500	150,000		0.4			***
MW9C	07/22/98	14.19	5.83	5.31	NLPH	150	130,000	150,000	24	<5.0	<5.0	< 5.0
MW9C	12/22/98		6.43	7.76	NLPH	<500	95,000	150,000	<0.5	<0.5	<0.5	< 0.5
MW9C	02/26/99	14.19	6.16	8.03	NLPH	<500	84,000		<5.0	<5.0	<5.0	<5.0
MW9C	05/18/99	14.19	5.46	8.73	NLPH	<250	55,000		<5.0	<5.0	<5.0	<5.0
MW9C	08/03/99	14.19	6.27	7.92	NLPH	<25,000	68,900		<2.5	<2.5	<2.5	<2.5
MW9C		14.19	7.13	7.06	NLPH	210			<250	<250	<250	<250
	12/03/99	14.19	6.17	8.02	NLPH	290	69,200		<1.0	1.3	<1.0	<1.0
MW9C	02/29/00	14.19	4.49	9.70	NLPH	<250	50,000		<2.5	<2.5	<2.5	<2.5
MW9C	05/18/00	14.19	5.96	8.23	NLPH		40,000	-202	<2.5	<2.5	<2.5	<2.5 <2.5
MW9C	07/24/00	14.19	6.47	7.72	NLPH	<250	46,000	33,000	<2.5	<2.5	<2.5	
MW9C	10/09/00	14.19	6.57	7.62	NLPH	<250	44,000		<2.5	<2.5	<2.5	<2.5
MW9C	01/10/01	14.19	6.09	8.10	NLPH	<250	39,000		<2.5	<2.5	<2.5	<2.5
WM9C	04/10/01	14.19	7.88	6.31		<250	42,000	1770	<2.5	<2.5		<2.5
WW9C	07/12/01	14.19		0.51	NLPH	<250	35,000		<2.5	<2.5	<2.5	<2.5
MW9C	08/17/01 c	14.19	6.60		NLPH	<250	32,000	(****	<2.5	<2.5	<2.5	<2.5
MW9C	10/11/01	14.19	6.67	7.59						-2.5	<2.5	<2.5
MW9C	Nov-01	14.16		7.52	NLPH	<250	53,000	444	<2.5	<2.5	222	
MW9C	01/11/02	14.16	5.29	compliance with	AB2886 requi	rements.			-2.0	\2.5	<2.5	<2.5
MW9C	04/12/02	14.16	6.14	8.87	NLPH	2,470e	90,000e	2026	0.90 e	-0.50		
MW9C	07/12/02	14.16		8.02	NLPH	70,400	66,800	***	<5.00	<0.50	<0.50	< 0.50
MW9C	10/11/02	14.16	6.54	7.62	NLPH	50,900	58,300	2020	<500	<5.00	<5.00	<5.00
MW9C	01/10/03	14.16	6.73	7.43	NLPH	52,100	58,800	76,000	<10.0	<500	<500	<500
MW9C	04/09/03		5.21	8.95	NLPH	40,600	55,500			<10.0	<10.0	<10.0
MW9C	07/22/03	14.16	6.08	8.08	NLPH	24,700	29,600	6-51 12-2	<0.5	<0.5	<0.5	< 0.5
MW9C	10/01/03	14.16	6.47	7.69	NLPH	13,800	13,100		<5.00	<5.0	<5.0	<5.0
MW9C		14.16	6.62	7.54	NLPH	9,100			1.40	<0.5	<0.5	< 0.5
MW9C	01/06/04	14.16	4.86	9.30	NLPH	4,160		38,400	0.70	<0.5	<0.5	<0.5
	06/07/04	14.16	7.35	6.81	NLPH	4,480		5,020	0.70	< 0.5	<0.5	<0.5
MW9C	08/30/04	14.16	h	h	h	1,950h		3,420	<0.50	<0.5	< 0.5	<0.5
MW9C	12/13/04	14.16	5.03	9.13	NLPH	610		1,950h	<0.50h	<0.5h	<0.5h	<0.5h
MW9C	03/14/05	14.16	5.63	8.53	NLPH	906		705	< 0.50	<0.5	<0.5	<0.5
MW9C	06/08/05	14.16	12.75	1.41	NLPH	854		1,110	< 0.50	< 0.5	<0.5	<0.5
MW9C	09/01/05	14.16	6.95	7.21	NLPH	361		1,100	< 0.50	< 0.5	<0.5	<0.5
MW9C	12/09/05	14.16	7.54	6.62	NLPH			409	<0.50	< 0.50	<0.50	<0.50
MW9C	12/30/05	14.16	4.21	9.95	NLPH	217		171	<0.50	< 0.50	<0.50	<0.50
MW9C	03/07/06	14.16	12.48	1.68	NLPH	200		***				
MW9C	06/26/06	14.16	6.36	7.80		320		480	<2.0	<2.0	<2.0	-20
MW9C	09/25/06	14.16	6.71	7.45	NLPH	350		300	<2.0	<2.0	<2.0	<2.0
MW9C	12/15/06	14.16	12.21	1.95	NLPH	136		234	<0.50	<0.50	<0.50	<2.0
		17(15-15 <u>-5</u> 1).	12.21	1.95	NLPH	190k		260	<1.0	<1.0		< 0.50
										71.0	<1.0	<1.0

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0238 2200 East 12th Street Oakland, California (Page 4 of 9)

Well	Sampling	TOC	DTW	GW Elev.	SUBJ	TPHg	MTBE 8021B	MTBE 8260B	В			
ID	Date	(feet)	(feet)	(feet)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	T	E	X
MW9D	11/02/95	12.90	- H				(F3)	(pg/L)		(µg/L)	(µg/L)	(µg/L)
MW9D	04/26/96	12.90	***	-	(100)	***	***		***			3 444 5
MW9D	08/22/96	12.90		***	***		1.0-00 1.0-00		***	(****)	***	
MW9D	02/24/97	12.90	***						***			
MW9D	03/16/98	12.90	6.94	5.96	NLPH	<50	10		757 T	***	***	
MW9D	04/21/98	12.90	7.22	5.68	NLPH	<50	12	54340	<0.5	< 0.5	<0.5	< 0.5
MW9D	07/22/98	15.98	7.85	8.13	NLPH	<50	13		<0.5	<0.5	< 0.5	<0.5
MW9D	12/22/98	15.98	7.58	8.40	NLPH	<50	12		<0.5	<0.5	< 0.5	<0.5
MW9D	02/26/99	15.98	6.42	9.56	NLPH	<50 <50			<0.5	< 0.5	<0.5	<0.5
MW9D	05/18/99	15.98	6.55	9.43	NLPH	<2,500	310		<0.5	< 0.5	<0.5	<0.5
MW9D	08/03/99	15.98	8.34	7.64	NLPH	<50	13,500		<25	<25	<25	<25
MW9D	12/03/99	15.98	7.56	8.42	NLPH		<2.5		<0.5	<0.5	< 0.5	<0.5
MW9D	02/29/00	15.98	4.82	11.16	NLPH	<50	<2		<0.5	< 0.5	< 0.5	<0.5
MW9D	05/18/00	15.98	7.40	8.58	NLPH	<50	2.5		<0.5	< 0.5	< 0.5	<0.5
MW9D	07/24/00	15.98	7.91	8.07		<50	6.2	777	<0.5	<0.5	< 0.5	<0.5
MW9D	10/09/00	15.98	8.02	7.96	NLPH	<50	14		< 0.5	< 0.5	0.85	0.74
MW9D	01/10/01	15.98	7.26	8.72	NLPH	<50	14	***	< 0.5	<0.5	<0.5	<0.5
MW9D	04/10/01	15.98	7.32		NLPH	<50	18	575	< 0.5	< 0.5	<0.5	<0.5
MW9D	07/12/01	15.98	7.52	8.66	NLPH	<50	14	***	< 0.5	<0.5	<0.5	<0.5
MW9D	08/17/01 d	15.98			NLPH	<50	22		< 0.5	<0.5	<0.5	<0.5
MW9D	10/11/01	15.98	8.16	7.00		(515):	***		***	***		
MW9D	Nov-01	15.97		7.82	NLPH	<50	24	****	< 0.5	< 0.5	<0.5	<0.5
MW9D	01/11/02	15.97	e e4	n compliance with							-0.5	~0.5
MW9D	04/12/02	15.97	6.64 7.58	9.33	NLPH	352e	2.0e		< 0.50	<0.50	<0.50	<0.50
MW9D	07/12/02	15.97	8.01	8.39	NLPH	191	192		< 0.50	<0.50	<0.50	<0.50
MW9D	10/11/02	15.97		7.96	NLPH	108	124		<0.5	<0.5	<0.5	
MW9D	01/10/03	15.97	8.13	7.84	NLPH	187	243		< 0.5	<0.5	<0.5	<0.5
MW9D	04/09/03		5.98	9.99	NLPH	386	132		4.1	<0.5	<0.5	<0.5
MW9D	07/22/03	15.97	7.53	8.44	NLPH	468	292		3.80	<0.5	<0.5	< 0.5
MW9D	10/01/03	15.97	7.87	8.10	NLPH	446	339	***	0.70	<0.5	<0.5 <0.5	<0.5
MW9D	01/06/04	15.97	8.04	7.93	NLPH	402	***	362	<0.50	<0.5	<0.5	< 0.5
MW9D		15.97	6.31	9.66	NLPH	72.2		80.9	<0.50	<0.5		<0.5
MW9D	06/07/04	15.97	8.17	7.80	NLPH	237		353	<0.50	<0.5	<0.5	<0.5
MW9D	08/30/04 d	15.97	704						-0.50	~0.5	<0.5	<0.5
MW9D	12/13/04	15.97	5.39	10.58	NLPH	379		353	4.80	0.7		144
	03/14/05	15.97	6.93	9.04	NLPH	<50.0		13.8	< 0.50	<0.5	<0.5	0.9
MW9D	06/08/05	15.97	8.83	7.14	NLPH	<50.0		57.2	<0.50		<0.5	<0.5
MW9D	09/01/05	15.97	7.99	7.98	NLPH	64.3		51.8	<0.50	<0.5	< 0.5	<0.5
MW9D	12/09/05	15.97	7.96	8.01	NLPH	56.3		33.0		<0.50	<0.50	< 0.50
MW9D	12/30/05 d	15.97							<0.50	<0.50	< 0.50	< 0.50
MW9D	03/07/06	15.97	6.19	9.78	NLPH	<50		0.3			777	(***)
MW9D	06/26/06	15.97	7.68	8.29	NLPH	<50		9.3	<0.50	< 0.50	<0.50	< 0.50
MW9D	09/25/06	15.97	8.00	7.97	NLPH			9.7	<0.50	<0.50	<0.50	< 0.50
MW9D	12/15/06	15.97	6.91	9.06	NLPH	<50.0 <50		13.8	< 0.50	< 0.50	< 0.50	< 0.50
			5.0 .	0.00	INLEH	550		11	< 0.50	< 0.50	< 0.50	< 0.50

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0238 2200 East 12th Street Oakland, California (Page 5 of 9)

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev.	SUBJ	TPHg	MTBE 8021B	MTBE 8260B	В	Ť		
MW9F	11/02/95	8.37		(feet)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	1.4	E	X
MW9F	04/26/96	8.37		are):	H 441			(Pg-L)	(µg/L)	(µg/L)	(µg/L)	(µg/L
MW9F	08/22/96	8.37			NLPH	<50	57		<0.5	-0.5		
MW9F	02/24/97		200 2	****	NLPH	<50	5.8			<0.5	<0.5	< 0.5
MW9F	03/16/98	8.37	***	252	NLPH	<50	<30		< 0.5	<0.5	<0.5	< 0.5
MW9F	04/21/98	8.37	***		NLPH				<0.5	<0.5	<0.5	< 0.5
MW9F	07/22/98	8.37	200	***	***		***			1500		
MW9F	12/22/98	11.38		777	***	244						
MW9F		11.38	5.47	5.91	NLPH	<50	81				-	
MW9F	02/26/99	11.38	5.35	6.03	NLPH	<50	<2.5		<0.5	<0.5	<0.5	< 0.5
MW9F	05/18/99	11.38	5.62	5.76	NLPH	<50	61.6		<0.5	<0.5	<0.5	< 0.5
	08/03/99	11.38	6.32	5.06	NLPH	<50	3.10		<0.5	<0.5	< 0.5	<0.5
MW9F	12/03/99	11.38	5.59	5.79	NLPH	<50			<0.5	< 0.5	< 0.5	<0.5
MW9F	02/29/00	11.38	4.70	6.68	NLPH	<50	<2		<0.5	<0.5	0.71	<0.5
MW9F	05/18/00	11.38	5.37	6.01	NLPH	<50	52		<0.5	<0.5	<0.5	<0.5
MW9F	07/24/00	11.38	5.65	5.73	NLPH		65		< 0.5	< 0.5	<0.5	<0.5
MW9F	10/09/00	11.38	5.71	5.67	NLPH	<50	170		<0.5	<0.5	<0.5	<0.5
MW9F	01/10/01	11.38	4.30	7.08	NLPH	<50	170		< 0.5	<0.5	<0.5	
MW9F	04/10/01	11.38	5.20	6.18	NLPH	<50	140		< 0.5	<0.5	<0.5	<0.5
MW9F	07/12/01	11.38			NLPH	<50	50		< 0.5	<0.5	<0.5	<0.5
MW9F	08/17/01 d	11.38		-		<50	190		<0.5	<0.5	<0.5	< 0.5
MW9F	10/11/01	11.38	5.82	5.56		() () () () () () () () () ()	**				-0.5	<0.5
MW9F	Nov-01	11.38		n compliance with	NLPH	<50	260		< 0.5	<0.5	<0.5	-0.5
MW9F	01/11/02	11.38	5.12	6.26						5.5	٧٥.٥	<0.5
MW9F	04/12/02	11.38	5.50	5.88	NLPH	<100	67.0e	 /-	<1.00	<1.00	<1.00	.4.00
MW9F	07/12/02	11.38	5.65		NLPH	55.9	58.6	444	< 0.50	<0.50	<0.50	<1.00
MW9F	10/11/02	11.38	5.67	5.73	NLPH	102	121	(200 0))	<0.5	<0.5		<0.50
MW9F	01/10/03	11.38		5.71	NLPH	99.9	128	138	<0.5	<0.5	<0.5	<0.5
MW9F	04/09/03	11.38	5.09	6.29	NLPH	<50.0	45.5		<0.5	<0.5	<0.5	<0.5
MW9F	07/22/03	11.38	5.39	5.99	NLPH	<50.0	50.8	***	<0.50		<0.5	<0.5
MW9F	10/01/03		5.52	5.86	NLPH	82.3	64.0		<0.50	<0.5	<0.5	< 0.5
MW9F	01/06/04	11.38	5.59	5.79	NLPH	67.0		56.4	<0.50	<0.5	<0.5	<0.5
MW9F	06/07/04	11.38	5.21	6.17	NLPH	<50.0		36.7	<0.50 <0.50	< 0.5	<0.5	<0.5
MW9F	08/30/04	11.38	6.03	5.35	NLPH	<50.0		20.5		<0.5	<0.5	<0.5
MW9F		11.38	h	h	h	<50.0h		14.0h	<0.50	<0.5	<0.5	< 0.5
MW9F	12/13/04	11.38	4.80	6.58	NLPH	<50.0		13.4	<0.50h	<0.5h	<0.5h	<0.5h
MW9F	03/14/05	11.38	5.10	6.28	NLPH	<50.0		4.20	<0.50	<0.5	<0.5	<0.5
MW9F	06/08/05	11.38	5.38	6.00	NLPH	<50.0			<0.50	<0.5	<0.5	<0.5
	09/01/05	11.38	5.53	5.85	NLPH	<50.0		8.70	<0.50	<0.5	<0.5	< 0.5
MW9F	12/09/05 j	11.38			(1788			19.6	<0.50	< 0.50	< 0.50	< 0.50
MW9F	12/30/05	11.38	4.81	6.57	NLPH	<50.0	-=-	7.04		1,772	3 800	
MW9F	03/07/06 j	11.38						7.01	<0.50	< 0.50	< 0.50	<0.50
MW9F	06/26/06 j	11.38						-		***		
MW9F	09/25/06	11.38	5.56	5.82	NLPH			***				200
MW9F	12/15/06	11.38	5.10	6.28	NLPH	<50.0		6.52	< 0.50	< 0.50	< 0.50	< 0.50
				0.20	MELL	<50		7.2	< 0.50	< 0.50	<0.50	<0.50

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0238 2200 East 12th Street Oakland, California (Page 6 of 9)

Well	Sampling Date	TOC	DTW	GW Elev.	SUBJ	TPHg	MTBE 8021B	MTBE 8260B	-			
MW9G	11/02/95	(feet)	(feet)	(feet)		(µg/L)	(μg/L)		В	Т	E	X
MW9G		9.95	5.92	4.03	NLPH	<50	<10	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L
MW9G	04/26/96	9.95	5.28	4.67	NLPH	<50	18		<0.5	<0.5	< 0.5	<0.5
MW9G	08/22/96	9.95	5.57	4.38	NLPH	<50	18		<0.5	< 0.5	<0.5	<0.5
MW9G	02/24/97	9.95	5.30	4.65	NLPH	<50	240		<0.5	<0.5	< 0.5	<0.5
	03/16/98	9.95				****			<0.5	0.57	<0.5	0.62
MW9G	04/21/98	9.95			2400				7			-
MW9G	07/22/98	12.99	***			***						
MW9G	12/22/98	12.99	5.28	7.71	NLPH	<50	1,100			100	() 	
MW9G	02/26/99	12.99	5.31	7.68	NLPH	<50			<0.5	< 0.5	< 0.5	<0.5
MW9G	05/18/99	12.99	5.18	7.81	NLPH	<1,000	50		<0.5	<0.5	< 0.5	<0.5
MW9G	08/03/99	12.99	6.00	6.99	NLPH	<50	3,990		<10	<10	<10	<10
MW9G	12/03/99	12.99	5.27	7.72	NLPH		1,340		< 0.5	< 0.5	< 0.5	<0.5
MW9G	02/29/00	12.99	4.60	8.39	NLPH	<50	<2		<0.5	< 0.5	<0.5	0.55
MW9G	05/18/00	12.99	5.16	7.83	NLPH	<50	7,900		<0.5	< 0.5	<0.5	<0.5
MW9G	07/24/00	12.99	5.20	7.79	NLPH	<50	2,400		<0.5	< 0.5	<0.5	<0.5
MW9G	10/09/00	12.99	5.26	7.73	NLPH	<50	1,000		< 0.5	<0.5	<0.5	
MW9G	01/10/01	12.99	5.18	7.81	NLPH	<50	180		< 0.5	<0.5	<0.5	<0.5
MW9G	04/10/01	12.99	5.08	7.91	NLPH	<50	1,200		< 0.5	<0.5	<0.5	<0.5
MW9G	07/12/01	12.99	(C) (S)		NLPH	<50	9,100		< 0.5	<0.5	<0.5	<0.5
MW9G	08/17/01 d	12.99				<50	3,000		< 0.5	<0.5	<0.5	<0.5
MW9G	10/11/01	12.99	5.48	7.51	All Dist	(-777		<u> </u>			<0.5
MW9G	Nov-01	12.98		n compliance with	NLPH	<50	1,600		<0.5	<0.5	<0.5	
MW9G	01/11/02	12.98	4.97	8.01						0.0	~0.5	<0.5
MW9G	04/12/02	12.98	5.12	7.86	NLPH	419e	945e	5 777.5 -7	< 0.50	<0.50	<0.50	-0.50
MW9G	07/12/02	12.98	5.31	7.67	NLPH	10,700	11,000		< 0.50	<0.50	<0.50	<0.50
MW9G	10/11/02	12.98	5.39	7.59	NLPH	2,310	3,140	9 000 0	< 0.5	<0.5	<0.5	<0.50
MW9G	01/10/03	12.98	4.90		NLPH	1,630	2,040	2,090	<0.5	<0.5		<0.5
MW9G	04/09/03	12.98	5.15	8.08	NLPH	367	566		<0.5	<0.5	<0.5	<0.5
MW9G	07/22/03	12.98	5.30	7.83	NLPH	3,730	3,990		<0.50	<0.5	< 0.5	<0.5
MW9G	10/01/03	12.98	5.41	7.68	NLPH	1,070	968		<0.50	<0.5	<0.5	<0.5
MW9G	01/06/04	12.98	4.92	7.57	NLPH	1,300	555	1,570	<0.50	<0.5	<0.5	<0.5
MW9G	06/07/04	12.98	5.49	8.06	NLPH	568		918	<0.50	<0.5	<0.5	<0.5
MW9G	08/30/04	12.98	5.49 h	7.49	NLPH	457		324	<0.50	<0.5	<0.5	<0.5
MW9G	12/13/04	12.98		h	ħ	428h		369h	<0.50h	<0.5h	<0.5	<0.5
MW9G	03/14/05	12.98	5.01	7.97	NLPH	1,030		1,030	<0.50	<0.5	<0.5h	<0.5h
MW9G	06/08/05	12.98	4.98	8.00	NLPH	395		451	<0.50	<0.5	<0.5	<0.5
MW9G	09/01/05	12.98	5.54	7.44	NLPH	333		404	<0.50	<0.5	<0.5	<0.5
MW9G	12/09/05 j		6.35	6.63	NLPH	218		308	<0.50		<0.5	<0.5
MW9G	12/30/05	12.98	Salar V a a						~0.30 	< 0.50	<0.50	0.63
MW9G	03/07/06 j	12.98	4.83	8.15	NLPH	75.3		69.9		-0.50		
MW9G		12.98			3		u.u.g	09.9	<0.50	<0.50	<0.50	< 0.50
MW9G	06/26/06 j	12.98		***	= 100 ()					***		
MW9G	09/25/06	12.98	8.41	4.57	NLPH	94.5		180		7.5 0	***	
INIAAAA	12/15/06	12.98	5.30	7.68	NLPH	50k		52	<0.50	<0.50	<0.50	< 0.50
								52	<0.50	< 0.50	< 0.50	< 0.50

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0238 2200 East 12th Street Oakland, California (Page 7 of 9)

Well	Sampling	TOC	DTW	GW Elev.	SUBJ	TPHg	MTBE 8021B	MTBE 8260B				
MW9H	Date	(feet)	(feet)	(feet)		(µg/L)	(µg/L)		В	T	E	X
	11/02/95	8.58	8.40	0.18	NLPH	<50	<10	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW9H	04/26/96	8.58	8.05	0.53	NLPH				<0.5	<0.5	<0.5	<0.5
MW9H	08/22/96	8.58	8.17	0.41	NLPH			-		-		
MW9H	02/24/97	8.58			***	10000						
MW9H	03/16/98	8.58	(9112)		-		N. Committee	(voi		750	-	
MW9H	04/21/98	8.58	***	**************************************			9225	100	200			
MW9H	07/22/98	11.61		2000	***	===	S tyte process	***		***	-	
MW9H	12/22/98	11.61	7.81	3.80	NLPH	<50	-0.5	3.55	***	(
MW9H	02/26/99	11.61	7.61	4.00	NLPH	<50	<2.5		<0.5	<0.5	< 0.5	<0.5
MW9H	05/18/99	11.61	8.00	3.61	NLPH	<50	<2.5		<0.5	<0.5	<0.5	<0.5
MW9H	08/03/99	11.61	6.05	5.56	NLPH	<50 <50	3.98		<0.5	< 0.5	<0.5	<0.5
MW9H	12/03/99	11.61	5.32	6.29	NLPH		<2.5		< 0.5	< 0.5	<0.5	<0.5
MW9H	02/29/00	11.61	7.10	4.51	NLPH	<50	<2		< 0.5	< 0.5	<0.5	0.57 b
MW9H	05/18/00	11.61	7.84	3.77	NLPH	<50	<2		< 0.5	< 0.5	<0.5	<0.5
MW9H	07/24/00	11.61	7.94	3.67		<50	9.7		< 0.5	<0.5	<0.5	<0.5
MW9H	10/09/00	11.61	8.09	3.52	NLPH	<50	17		< 0.5	<0.5	<0.5	
MW9H	01/10/01	11.61	7.89	3.72	NLPH	<50	13		< 0.5	<0.5	<0.5	<0.5
MW9H	04/10/01	11.61	8.71		NLPH	<50	11	***	< 0.5	<0.5	<0.5	1.1
MW9H	07/12/01	11.61	G.7 I	2.90	NLPH	<50	44		< 0.5	0.78	0.52	0.5
MW9H	08/17/01 d	11.61			NLPH	<50	28	***	< 0.5	<0.5	< 0.5	2.36
MW9H	10/11/01	11.61	8.15	2.40	0.07.55078				***	10.0		<0.5
MW9H	Nov-01	11.59		3.46	NLPH	<50	30	-	< 0.5	<0.5	-0.F	***
MW9H	01/11/02	11.59	vveii surveyed i	n compliance with					0.0	₹0.5	<0.5	<0.5
MW9H	04/12/02	11.59	7.48	4.11	NLPH	<50.0	20.5e		<0.50	<0.50	-0.50	
MW9H	07/12/02	11.59	7.68	3.91	NLPH	<50.0	32.8	***	<0.50	<0.50	<0.50	<0.50
MW9H	10/11/02		8.06	3.53	NLPH	<50.0	34.6		<0.5		<0.50	<0.50
MW9H	01/10/03	11.59	7.83	3.76	NLPH	<50.0	33.1	28.7	<0.5	<0.5	<0.5	<0.5
MW9H	04/09/03	11.59	7.39	4.20	NLPH	<50.0	16.0		0.5	<0.5	<0.5	<0.5
MW9H	07/22/03	11.59	7.69	3.90	NLPH	<50.0	26.8		<0.50	0.8	0.6	1.8
MW9H	10/01/03	11.59	7.94	3.65	NLPH	55.3	34.7	:=42)	<0.50	<0.5	<0.5	<0.5
MW9H	01/06/04	11.59	7.93	3.66	NLPH	<50.0	52020	32.3	<0.50	<0.5	<0.5	< 0.5
MW9H		11.59	7.27	4.32	NLPH	<50.0		10		<0.5	<0.5	0.9
MW9H	06/07/04	11.59	7.99	3.60	NLPH	50.6		71.7	< 0.50	<0.5	<0.5	< 0.5
	08/30/04	11.59	h	h	h	64.2h		51.0h	<0.50	<0.5	<0.5	<0.5
MW9H	12/13/04	11.59	7.22	4.37	NLPH	<50.0			<0.50h	<0.5h	<0.50h	<0.5h
MW9H	03/14/05	11.59	6.96	4.63	NLPH	<50.0		14.0	<0.50	<0.5	0.5	1.2
MW9H	06/08/05	11.59	7.53	4.06	NLPH	52.6		27.4	<0.50	<0.5	< 0.5	< 0.5
MW9H	09/01/05	11.59	7.82	3.77	NLPH	140	***	68.8	<0.50	<0.5	<0.5	< 0.5
MW9H	12/09/05 j	****	33 2-32					71.6	<0.50	< 0.50	< 0.50	< 0.50
MW9H	12/30/05	11.59	7.27	4.32	NLPH	<50.0						***
MW9H	03/07/06 j	11.59						13.7	< 0.50	<0.50	< 0.50	< 0.50
MW9H	06/26/06 j	11.59								- 	200 0):	
MW9H	09/25/06	11.59	7.96	3.63	NLPH	 FO F					777	
MW9H	12/15/06	11.59	7.42	4.17	NLPH NLPH	59.5		71.0	< 0.50	< 0.50	< 0.50	<0.50
				4.17	NLPH	57	N=-	21	< 0.50	< 0.50	<0.50	<0.50

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0238 2200 East 12th Street Oakland, California (Page 8 of 9)

Well ID	Sampling	TOC	DTW	GW Elev.	SUBJ	TPHg	MTBE 8021B	MTBE 8260B				
	Date	(feet)	(feet)	(feet)		(µg/L)	(µg/L)		В	T	E	Х
MW9I	11/02/95	10.11	6.04	4.07	NLPH	<50	<10	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW9I MW9I	04/26/96	10.11	5.27	4.84	NLPH	<50	99		<0.5	<0.5	<0.5	<0.5
	08/22/96	10.11	5.66	4.45	NLPH	<50	170		<0.5	<0.5	< 0.5	<0.5
MW9I	02/24/97	10.11	5.24	4.87	NLPH	120	9,100		<0.5	< 0.5	< 0.5	< 0.5
MW9I	03/16/98	10.11	4.91	5.20	NLPH	<200	59,000		<0.5	<0.5	<0.5	< 0.5
MW9I	04/21/98	10.11	5.08	5.03	NLPH	<500	59,000		13	<2.0	<2.0	<2.0
MW9I MW9I	07/22/98	13.14	5.44	7.70	NLPH	<500	62,000		<5.0	<5.0	<5.0	<5.0
	12/22/98	13.14	5.32	7.82	NLPH	200	51,000		<5.0	<5.0	<5.0	<5.0
MW9I	02/26/99	13.14	4.71	8.43	NLPH	<500	9,700		1.7	<0.5	<0.5	< 0.5
16MW	05/18/99	13.14	5.30	7.84	NLPH	<1,000	3,730		<5.0	<5.0	<5.0	<5.0
MW9I	08/03/99	13.14	5.98	7.16	NLPH	<50			<10	<10	<10	<10
MW9I	12/03/99	13.14	5.31	7.83	NLPH	<250	21,900		<0.5	0.650	< 0.5	<0.5
MW91	02/29/00	13.14	4.20	8.94	NLPH		2,000		3.9	2.9	<2.5	14
MW9I	05/18/00	13.14	5.12	8.02	NLPH	50 <50	16,000		0.74	< 0.5	<0.5	<0.5
MW9I	07/24/00	13.14	5.41	7.73	NLPH	<50	2,900		< 0.5	< 0.5	<0.5	<0.5
MW9I	10/09/00	13.14	5.41	7.73	NLPH	<250	43,000		<2.5	<2.5	<2.5	<2.5
MW9I	01/10/01	13.14	5,24	7.90		<2,500	54,000		1.6	< 0.5	<0.5	<0.5
1ewM	04/10/01	13.14	4.84	8.30	NLPH	<250	36,000		<2.5	<2.5	<2.5	<2.5
MW9I	07/12/01	13.14		0.30	NLPH	<50	4,800		< 0.5	<0.5	<0.5	<0.5
MW9I	08/17/01	13.14	6.49	6.65	NLPH	<50	8,400		< 0.5	<0.5	<0.5	<0.5
MW91	10/11/01	13.14	5.64	7.50	NLPH		577 .0		2000 B			~0.5
MW9I	Nov-01	13.13	Well surveyed in	oomoliance with	AP2006	<250	38,000		<2.5	<2.5	<2.5	<2.5
MW9I	01/11/02	13.13	4.80	8.33							2.0	٦2.5
MW91	04/12/02	13.13	5.22	7.91	NLPH	1,330e	5,400e		4.80 e	<0.50	<0.50	<0.50
MW9I	07/12/02	13.13	5.50	7.63	NLPH NLPH	1,460	1,480		<0.50	< 0.50	<0.50	<0.50
MW9I	10/11/02	13.13	5.35	7.78		4,460	6,490	-	< 0.5	< 0.5	<0.5	<0.5
MW9I	01/10/03	13.13	4.75	8.38	NLPH	31,300	37,700	51,000	<5.0	<5.0	<5.0	<5.0
MW9I	04/09/03	13.13	5.15	7.98	NLPH	4,820	6,180		9.4	0.7	1.1	1.3
MW9I	07/22/03	13.13	5.50		NLPH	2,130	1,510		22.3	1.9	1.5	1.5
MW9I	10/01/03	13.13	5.65	7.63	NLPH	2,330	2,540	2000 S	1.60	<0.5	<0.5	<0.5
MW9I	01/06/04	13.13	4.50	7.48	NLPH	6,080		4,610	1.00	<0.5	<0.5	<0.5
MW9I	06/07/04	13.13	6.87	8.63	NLPH	175		61.3	0.90	<0.5	0.5	<0.5
MW9I	08/30/04	13.13	h	6.26	NLPH	4,620		3,410	< 0.50	<0.5	<0.5	
MW91	12/13/04	13.13	4.47	h	h	817h		847h	<0.50h	<0.5h	<0.5h	<0.5
MW9I	03/14/05	13.13		8.66	NLPH	<50.0		14.4	< 0.50	<0.5	<0.5	<0.5h
MW9I	06/08/05	13.13	5.05	8.08	NLPH	96.7	-	44.9	<0.50	<0.5		<0.5
MW9I	09/01/05		6.47	6.66	NLPH	1,230		321	<0.50	<0.5	<0.5	<0.5
MW9I	12/09/05	13.13	5.60	7.53	NLPH	170		62.3	1.22	0.77	<0.5	0.8
MW9I	12/30/05	13.13	6.82	6.31	NLPH	78.3		81.0	< 0.50	0.77	<0.50	< 0.50
MW9I	03/07/06	13.13	4.23	8.90	NLPH	1 1111 1			~0.50	0.58	<0.50	< 0.50
MW9I	06/26/06	13.13	5.08	8.05	NLPH	<50		0.96	<0.50			
MW9I		13.13	5.30	7.83	NLPH	<50		3.7	<0.50	<0.50	<0.50	< 0.50
MW9i	09/25/06	13.13	6.17	6.96	NLPH	50.9		24.0		<0.50	<0.50	< 0.50
IRAABI	12/15/06	13.13	5.45	7.68	NLPH	<50		0.59	<0.50	<0.50	<0.50	< 0.50
								0.55	<0.50	< 0.50	<0.50	< 0.50

TABLE 1A

CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0238 2200 East 12th Street Oakland, California (Page 9 of 9)

Notes:		
SUBJ	=	Results of subjective evaluation.
NLPH	=	No liquid-phase hydrocarbons present in well.
TOC	=	Top of well casing elevation; datum is mean sea level.
DTW	=	Depth to water.
GW Elev.	=	Groundwater elevation; datum is mean sea level
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B.
MTBE 8021B	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
MTBE 8260B	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8221B.
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.
μg/L	=	Micrograms per liter.
ND	=	
<	=	Not detected at or above the laboratory reporting limit. See laboratory analytical report for specific reporting limits. Less than the indicated reporting limit shown by the laboratory.
	=	Not measured or sampled or analyzed.
а	=	Miscalculation in field. Field technician may have inadvertently unable to
b	=	Miscalculation in field. Field technician may have inadvertently monitored and sampled the wrong well. Resampled 05/27/99. Analyte detected in the trip blank and/or bailer blank.
С	=	Due to measurement error during initial sampling event DTW was an
d	=	Due to measurement error during initial sampling event, DTW was re-measured on 08/17/01. No samples were taken.
е	=	
f	=	Samples collected after fourth quarter 2001 analyzed by TestAmerica, Incorporated. Reported concentrations may be affected by differing laboratory quantitation methods.
g	=	Insufficient sample volume to perform analyses.
h	=	Groundwater elevation data invalidated; analytical results suspect.
i	=	Well sampled using no-purge method.
j	=	Well not gauged and/or sampled due to encroachment permit restrictions.
k	=	Hydrocarbon result partly due to individual peak(s) in quantitation range.
		y and to marriabal peak(s) in quantitation range.

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0238 2200 East 12th Street Oakland, California (Page 1 of 5)

ID	Sampling	ETBE	TAME	TBA	EDB	1,2-DCA	DIDE	
ID	Date	(μg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	DIPE	Ethano
LUMOA				" " "	(P9.2)	(Þg/L)	(µg/L)	(µg/L)
MW9A	11/02/95 - 07/12	/02 Not analyzed for	these analytes.					
MW9A	10/11/02	< 0.50	< 0.50	<10.0	<0.50	<0.50	-0.50	
MW9A	01/10/03	~	***	944			<0.50	7,75
MW9A	04/09/03		277	***			1700	
MW9A	07/22/03		100					744
MW9A	10/01/03	< 0.50	2.80	1,100	<0.50		9	
MW9A	01/06/04	< 0.50	4.90	11,900		<0.50	< 0.50	
MW9A	06/07/04		***		<0.50	<0.50	< 0.50	
MW9A	08/30/04 h	-			- THE		V 2.22	<2,500
MW9A	12/13/04		in large			***		
MW9A	03/14/05	<0.50	1.00	44.400			(994	
MW9A	06/08/05	< 0.50		14,400	< 0.50	< 0.50	< 0.50	<50.0
MW9A	09/01/05		<0.50	22,400	< 0.50	< 0.50	< 0.50	<100
MW9A	12/09/05			200			***	
MW9A	12/30/05		1000			***	0 <u>444</u>	
MW9A	03/07/06		***	77.7	-			
MW9A	06/26/06	<5.0	<5.0	5,600	<5.0	<5.0	<5.0	
MW9A	09/25/06			777	***	<u></u>	-0.0	<1,000
MW9A	12/15/06	<0.500	<0.500	<10.0	< 0.500	< 0.500	<0.500	<1,000 <50.0
111137	12/13/06	<5.0	<5.0	1,200	<5.0	<5.0	< 5.0	
MW9B	11/02/05 07/40	(00 N					40.0	<1,000
MW9B	10/2/95 - 0//12	02 Not analyzed for						
MW9B	10/11/02 f	<0.50	< 0.50	<10.0	< 0.50	<0.50	<0.50	
	01/10/03			0. 000.	***			
MW9B	04/09/03		○ 1998	2-2-2			(****)	
MW9B	07/22/03						***	-
MW9B	10/01/03	< 0.50	9.70	2,430	< 0.50	<0.50	0.50	
MW9B	01/06/04	0.80	9.00	11,500	<0.50		<0.50	**** **
MW9B	06/07/04		8200		~0.50	<0.50	<0.50	
MW9B	08/30/04			257255			1000	<50.0
MW9B	12/13/04					I Barrier	***	<50.0j
MW9B	03/14/05	< 0.50	< 0.50	4,800	<0.50			***
MW9B	06/08/05	< 0.50	<0.50	2,320		<0.50	<0.50	<50.0
MW9B	09/01/05		****		<0.50	< 0.50	< 0.50	<100
MW9B	12/09/05				270 0	: (HANK		
MW9B	12/30/05			S arre s Notation			***	
MW9B	03/07/06	<0.50	<0.50	4.000	are s	(244		
MW9B	06/26/06			1,200	< 0.50	< 0.50	< 0.50	-
MW9B	09/25/06	<0.500			Heat.			
MW9B	12/15/06		<0.500	70.1	< 0.500	< 0.500	< 0.500	
	12/13/00	<0.50	<0.50	56	< 0.50	< 0.50	<0.50	5550
MW9C	11/02/05 07/40	(00 No. 1 - 1 - 1 - 1					-0.00	
MW9C	10/14/00	02 Not analyzed for t	· ·					
	10/11/02	<0.50	34.3	<10.0	< 0.50	< 0.50	<0.50	
MANAGO						0.00	~v.50	
MW9C MW9C	01/10/03 04/09/03				***	(***		222

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0238 2200 East 12th Street Oakland, California (Page 2 of 5)

Well ID	Sampling	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	
MW9C	Date	(μg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)		Ethano
MW9C	07/22/03	(****)			(P9')	(pg/L)	(µg/L)	(µg/L)
	10/01/03	<0.50	2.70	38,400	< 0.50	<0.50		
MW9C	01/06/04	0.80	2.50	90,700	<0.50		<0.50	(400)
MW9C	06/07/04	72***	***		-0.50	<0.50	<0.50	***
MW9C	08/30/04	CHARACTER CO.			16 <u>16</u>	(402)	75.57	<50.0
MW9C	12/13/04		***				***	<50.0j
MW9C	03/14/05	< 0.50	< 0.50	674	<0.50		-	
MW9C	06/08/05	< 0.50	<0.50	817		<0.50	<0.50	<50.0
MW9C	09/01/05				<0.50	<0.50	< 0.50	<100
MW9C	12/09/05				0.77			
MW9C	12/30/05	:wee:		200000	-	-	***	
MW9C	03/07/06	<2.5	<2.5					
MW9C	06/26/06			160	<2.5	<2.5	<2.5	
MW9C	09/25/06	<0.500			9	222		196000 196000
MW9C	12/15/06	<2.5	<0.500	<10.0	<0.500	< 0.500	< 0.500	
	12/10/00	~2.3	<2.5	<60	<2.5	<2.5	<2.5	1202
MW9D	11/02/95 - 07/12	/02 Not analyzed for	46					
MW9D	10/11/02 g		tnese analytes.					
MW9D	01/10/03					5555.		
MW9D	04/09/03				€ *115			
MW9D	07/22/03			***	-		***	
MW9D	10/01/03				(****			
MW9D		<0.50	<0.50	235	< 0.50	< 0.50	<0.50	
MW9D	01/06/04	<0.50	<0.50	51.8	< 0.50	<0.50	<0.50	
MW9D	06/07/04							
	08/30/04 h				(200			<50.0
MW9D	12/13/04						***	
MW9D	03/14/05	< 0.50	< 0.50	<10.0	< 0.50	<0.50	-0.50	
MW9D	06/08/05	<0.50	< 0.50	57.8	<0.50	<0.50	<0.50	<50.0
MW9D	09/01/05						<0.50	<100
MW9D	12/09/05			***		(1000)		
MW9D	12/30/05 d			1222				
MW9D	03/07/06	< 0.50	< 0.50	<5.0	< 0.50		222	
MW9D	06/26/06		11329	N-112	~0.50	<0.50	< 0.50	
MW9D	09/25/06	< 0.500	< 0.500	<10.0	<0.500	0.500	***	
MW9D	12/15/06	< 0.50	<0.50	<12		<0.500	<0.500	
				112	<0.50	<0.50	<0.50	
MW9F	11/02/95 - 07/12/	02 Not analyzed for	these analytes					
MW9F	10/11/02	<0.50	<0.50	<10.0	-0.55			
MW9F	01/10/03		~0.50 		<0.50	<0.50	< 0.50	
MW9F	04/09/03			S=2.0	***			
MW9F	07/22/03			0		***		
MW9F	10/01/03	 -0.50	-0.50	See	<u>9116</u> 5	200	Seen.	
MW9F	01/06/04	<0.50	<0.50	<10.0	< 0.50	< 0.50	<0.50	
MW9F	06/07/04	<0.50	<0.50	13.7	< 0.50	< 0.50	<0.50	2000)
MW9F						####		<50.0
IVIVVJE	08/30/04			CHARLE STATE OF THE STATE OF TH			3 1 1 1 1	<50.0j

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0238 2200 East 12th Street Oakland, California (Page 3 of 5)

Well	Sampling	ETBE	TALLE					
ID	Date		TAME	TBA	EDB	1,2-DCA	DIPE	Ethano
MW9F	12/13/04	(µg/L)	(μg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
MW9F	03/14/05	<0.50		-	***		(pg/L)	(µg/L)
MW9F	06/08/05	<0.50	<0.50	<10.0	< 0.50	<0.50	<0.50	
MW9F		<0.50	<0.50	<10.0	< 0.50	<0.50		<50.0
MW9F	09/01/05		***	***	777		<0.50	<100
MW9F	12/09/05 j				200			
	12/30/05			<u> </u>				777
MW9F	03/07/06 j			***			5 713 2	
MW9F	06/26/06 j							***
MW9F	09/25/06	< 0.500	< 0.500	<10.0			: ****	***
MW9F	12/15/06	< 0.50	<0.50	<20	<0.500	<0.500	< 0.500	***
				~20	<0.50	<0.50	< 0.50	
MW9G	11/02/95 - 07/12	2/02 Not analyzed for	these analytes					
MW9G	10/11/02	<0.50	< 0.50	.40.0				
MW9G	01/10/03			<10.0	<0.50	< 0.50	< 0.50	1222
MW9G	04/09/03		STATES	-	7,555	-		
MW9G	07/22/03			1000	(C H41)	***	***	W <u>11</u>
MW9G	10/01/03	<0.50			-	***		****
MW9G	01/06/04	<0.50	<0.50	17.1	< 0.50	< 0.50	< 0.50	
MW9G	06/07/04		<0.50	367	< 0.50	<0.50	<0.50	
MW9G	08/30/04				1944	***		<50.0
MW9G	12/13/04		-100	***				
MW9G	03/14/05			***	2444		======================================	<50.0j
MW9G	06/08/05	<0.50	<0.50	569	< 0.50	< 0.50	<0.50	
MW9G		<0.50	< 0.50	150	< 0.50	<0.50	<0.50	<50.0
MW9G	09/01/05		***					<100
MW9G	12/09/05 j			444			 8	***
	12/30/05				5 444 .			
MW9G	03/07/06 j			1442 3				
MW9G	06/26/06 j						222	
MW9G	09/25/06	< 0.500	< 0.500	<10.0	< 0.500			
MW9G	12/15/06	< 0.50	< 0.50	<12	<0.50	< 0.500	<0.500	2000
					~0.30	<0.50	<0.50	
MW9H	11/02/95			***	<50	-40		
MW9H	04/26/96 - 07/12	/02 Not analyzed for	these analytes.		-30	<10	<0.5	<0.5
MW9H	10/11/02	< 0.50	<0.50	<10.0	<0 F0			
MW9H	01/10/03		***		<0.50	<0.50	< 0.50	
MW9H	04/09/03					***		
MW9H	07/22/03	700		333		577×		No longe
MW9H	10/01/03	<0.50						-
MW9H	01/06/04	<0.50	< 0.50	<10.0	< 0.50	< 0.50	< 0.50	
MW9H	06/07/04	~0.50 	<0.50	<10.0	< 0.50	<0.50	< 0.50	
MW9H	08/30/04					1110		<50.0
MW9H	12/13/04			***				
MW9H						200		<50.0j
MW9H	03/14/05	<0.50	<0.50	<10.0	< 0.50	<0.50	<0.50	
	06/08/05	<0.50	< 0.50	<10.0	<0.50	<0.50		<50.0
MW9H	09/01/05		***			~0.50	<0.50	<100
						######################################		***

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0238 2200 East 12th Street Oakland, California (Page 4 of 5)

Well	Sampling	ETBE	TAME	TBA	EDB	10001		
ID	Date	(µg/L)	(µg/L)			1,2-DCA	DIPE	Ethano
MW9H	12/09/05 j	(1972)	(P9/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW9H	12/30/05				***			
MW9H	03/07/06 i			State Control		***	***	1242
MW9H	06/26/06 j	000000 000000			***	S ame	***	
MW9H	09/25/06	< 0.500	<0.500	(*****)	STATE STATE	-		7444
MW9H	12/15/06	<0.50		<10.0	< 0.500	< 0.500	< 0.500	-
		~0.30	<0.50	<12	<0.50	<0.50	< 0.50	
MW9I	11/02/95 - 07/12	/02 Not analyzed for	these analytes					
MW9I	10/11/02	<0.50	24.1	<10.0	<0.50			
MW91	01/10/03			10.0	<0.50	<0.50	<0.50	-
MW9I	04/09/03				1000 2000			
MW91	07/22/03		-			0.500		
MW9f	10/01/03	<0.50	1.50	20.200	588			
MW9I	01/06/04	<0.50	<0.50	30,300 377	<0.50	<0.50	<0.50	
MW9I	06/07/04		-0.00		<0.50	<0.50	< 0.50	-
MW9i	08/30/04		2200 2200			17.77		<50.0
MW9I	12/13/04		-	777	588	***	(555)	<50.0j
MW9I	03/14/05	<0.50	<0.50	4.040	***	- 		***
MW9I	06/08/05	<0.50	<0.50	1,640	<0.50	<0.50	< 0.50	<50.0
MW9I	09/01/05		~0.30	47,000	<0.50	<0.50	<0.50	<100
MW9I	12/09/05			-				2
MW9I	12/30/05				5000			
MW9I	03/07/06		-0.50					9200
MW9I	06/26/06	<0.50	<0.50	<5.0	< 0.50	<0.50	< 0.50	<100
MW9I	09/25/06	 <0.500			4	F 272)		<100
MW9I	12/15/06	<0.500	<0.500	10,300	< 0.500	< 0.500	< 0.500	<50.0
1010031	12/13/00	<0.50	<0.50	730	< 0.50	<0.50	<0.50	<100

TABLE 1B

ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

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

Notes:		
SUBJ	=	Results of subjective evaluation.
NLPH	=	No liquid-phase hydrocarbons present in well.
TOC	=	Top of well casing elevation; datum is mean sea level.
DTW	=	Depth to water.
GW Elev.	=	Groundwater elevation; datum is mean sea level
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B.
MTBE 8021B	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
MTBE 8260B	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
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.
μg/L	=	Micrograms per liter.
ND	=	Not detected at or above the laboratory reporting limit. See laboratory analytical report for specific reporting limits.
<	=	Less than the indicated reporting limit shown by the laboratory.
	=	Not measured or sampled or analyzed.
а	=	Miscalculation in field. Field technician may have inadvertently monitored and sampled the wrong well. Resampled 05/27/99.
b	=	Analyte detected in the trip blank and/or bailer blank.
С	=	Due to measurement error during initial sampling event, DTW was re-measured on 08/17/01. No samples were taken.
d	=	Well inaccessible.
е	=	Samples collected after fourth quarter 2001 analyzed by TestAmerica, Incorporated. Reported concentrations may be affected by differing
		addratory quantitation methods.
f	=	Sample erroneously labeled MA9B on Chain-of-Custody form and laboratory report
g	=	insufficient sample volume to perform analyses.
h	=	Groundwater elevation data invalidated; analytical results suspect.
j	=	Well sampled using no-purge method.
j	=	Well not gauged and/or sampled due to encroachment permit restrictions.
k	=	Hydrocarbon result partly due to individual peak(s) in quantitation range.
		3

TABLE 2 WELL CONSTRUCTION DETAILS

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

Well ID	Date Well Installed	TOC Elevation (feet)	Borehole Diameter (inches)	Total Depth of Boring (feet)	Well Depth (feet)	Well Casing Diameter (inches)	Well Casing Material	Screened Interval (feet)	Slot Size (inches)	Filter Pack Interval (feet)	Filter Pack Material
MW9A	06/10/88	14.51	8	18	18	2	PVC	8-18	0.020	NS	NS
MW9B	06/10/88	12.84	8	20	18	2	PVC	8-18	0.020	NS	NS
MW9C	06/10/88	14.16	8	17	18	2	PVC	8-18	0.020	NS	NS
MW9D	10/05/88	15.97	12	16.5	14	NS	PVC	5-14	NS	NS	NS
MW9E	10/05/88	NS	12	18.5	14	NS	PVC	5-14	NS	NS	NS
MW9F	11/23/88	11.38	8	16	14	NS	PVC	4-14	NS	NS	NS
MW9G	11/22/88	12.98	8	16.5	14	NS	PVC	5-14	NS	NS	NS
MW9H	11/23/88	11.59	8	16.5	14	NS	PVC	5-14	NS	NS	NS
MW9I	11/02/90	13.13	12	16	16	NS	NS	4-14	NS	NS	NS
DPE1	06/05/03	NS	10	21	20	4	PVC	5-20	0.020	4-20	#3 Sand
DPE2	06/04/03	NS	10	21	20	4	PVC	5-20	0.020	4-20	#3 Sand
DPE3	06/04/03	NS	10	21	20	4	PVC	5-20	0.020	4-20	#3 Sand
DPE4	06/05/03	NS	10	21	20	4	PVC	5-20	0.020	4-20	#3 Sand
VP1	01/11/01	NS	8	20	20	2	PVC	5-20	0.020	4-20	#3 San
VP2 Notes:	01/11/01	NS	8	20	20	2	PVC	5-20	0.020	4-20	#3 Sand

TOC = Top of well casing elevation; datum is mean sea level.

NS = Not specified.
PVC = Polyvinyl chloride.

Former Exxon Service Station 7-0238 2200 East 12th Street Oakland, California (Page 1 of 5)

DATE	System	Total	Tom-	Vanue-			EMENTS			LABORA	TORY ANALY	TICAL RESULTS	TPHo	Removal	MTPE	Removal	D	_		
DATE	Hours	Hours	Temp (deg F)		Pressure		ow	Sample	PID	TPHg	Benzene	MTBE	Period	Cumulative	Period	Cumulative		Removal	Destruction	
03/01/04	-		Running on	("Hg)	("H ₂ O)	(fpm)	(scfm)	ID	(ppmv)	(mg/M³)	(mg/M³)	(mg/M²)	(lbs)	(lbs)	(lbs)	(lbs)	Period	Cumulative	Efficiency	Emission
03/01/04	4		70	27.5	1.0	350	22	A 1515							(100)	(ius)	(lbs)	(lbs)	(%)	(lb/day)
			10	27.0	1.0	330	23	A-INF	4,389											
03/05/04	100		70	28.0	1.0	700	46	A-EFF	26.1											
			, •	20.0	1.0	700	40	A-INF A-EFF	599											
03/08/04	172		70	25.0	1.0	600	40		9.0	4.000										
						-	40	A-EFF	> 10,000 25.9	4,000 23	37	200	102.12	102.12	5.11	5.11	0.94	0.94	99.74	0.002
03/12/04	268		70	26.0	1.0	750	50		> 10,000	23	0.50	< 0.50							00.71	0.002
								A-EFF	9.0											
03/19/04	436		70	21.5	1.0	750	50	A-INF	6,500											
02/00/04	204							A-EFF	6.0											
03/26/04	604		70	20,0	1.0	1,000	66	A-INF	500											
04/02/04	772		70					A-EFF	1.0											
0-102104	112		70	27.0	1.0	1,400	93	A-INF	285	87	0.60	15	303.30	405.42	15.96	21.06	0.70			
04/08/04	916	ân-	70	18.0	4.0	4.500		A-EFF	1.0	< 10	< 0.10	< 0.50		.00.12	10.30	21.00	2.79	3.73	99.65	0.001
	0.0		70	10.0	1.0	1,500	99	A-INF	5,700											
04/15/04	1,084		70	20.0	1.0	1,500	99	A-EFF	4.0											
				20.0	1.0	1,500	99	A-INF A-EFF	9,600 17.0											
04/22/04	1,252		70	10.0	1.0	600	40	A-INF	750											
								A-EFF	2.0											
04/29/04	1,420		70	25.0	1.0	700	46	A-INF	920											
DE (DE (D.4	4 500							A-EFF	4.0											
05/06/04	1,588		70	22.0	1.0	650	43	A-INF	5,600											
05/13/04	1,756		70	0.4				A-EFF	7.0											
00,10,01	1,700		70	24	1.0	650	43	A-INF	3,200	1,200	9.1	52	160.55	565.97	8.36	29.42	1.21	4.94		
05/21/04	1,948		70	24	1.0	550	36	A-EFF	2.0	< 10	< 0.10	< 0.50				20.42	1.21	4.94	99.94	0.0004
					1.0	330	30	A-INF A-EFF	767 3.0											
)5/27/04	2,092		70	25	1.0	600	40	A-LFF	6,700											
								A-EFF	7.0											
06/03/04	2,260		70	25	1.0	650	43	A-INF	1,969	720	3.1	32	77.80	640.77						
ND 400 40 4								A-EFF	30.0	16	0.11	< 0.50	11.00	643.77	3.40	32,82	0.49	5.44	98.48	0.0004
06/09/04	2,404		70	27	1.0	600	40	A-INF	1,150			0.00								
06/24/04	2,764		70	0.7				A-EFF	16.0											
7012-110-1	2,704		70	27	1.0	500	33	A-INF	1,000											
7/14/04	2,774	No.	70	26	1.0	200		A-EFF	10.0											
	_,		70	20	1.0	800	53	A-INF	1,500											
7/22/04	2,966		70	24	1.0	1,000	cc	A-EFF	28.0											
	,				1.0	1,000	66	A-INF	120	400	3.4	13	80.69	724.45	3.24	36.06	0.47	5.91	91.67	0.0021
08/05/04	409	3,375					***	A-EFF A-INF	10.0	37	0.35	0.55							01.01	0.0021
								A-EFF	_											
08/20/04	577	3,543	70	21	1.0	800	53	A-INF	711											
00/05/5	***							A-EFF	20.0											
08/25/04	745	3,711	70	22	1.0	850	56	A-INF	120	850	5.4	< 25	106.54	831.00	< 3.24	. 20.00				
								A-EFF		-				OO LUU		< 39.30	0.75	6.66	90.83	0.0021

Former Exxon Service Station 7-0238 2200 East 12th Street Oakland, California (Page 2 of 5)

DATE	System	Total	Temp	Vacuum	Pressure		REMENTS			LABORA	TORY ANAL	YTICAL RESULTS	TPHa	Removal	MTRE	Removal	Danne	D	-	
	Hours	Hours	(deg F)		("H ₂ O)		low	Sample	PID	TPHg	Benzene	e MTBE	Period	Cumulative	Period	Cumulative	Period	Removal	Destruction	
09/09/04	913	3,879	70	22	1.0	(fpm) 800	(scfm) 53	ID	(ppmv)	(mg/M³)	(mg/M³)	3.3	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	Cumulative (lbs)	Efficiency	
			7.00		1.0	000	53	A-INF A-EFF	< 4,000	3,100	19	58	67.71	898.71	< 1.42	< 40.73	0.42	7.08	(%) 99.33	(lb/day)
09/16/04	1,081	4,047	70	22	1.0	950	63	A-INF	27.0 156	910	6.7	< 12					-	7.00	89.33	0.0188
					1.00	000	03	A-EFF	12.0										92.31	
09/23/04	1,249	4,215	70	22	1.0	950	63	A-INF	132										32.31	
							•	A-EFF	11.0										91.67	
09/30/04	1,417	4,383	70	21	1.0	1,000	66	A-INF	240										01.01	
								A-EFF	2.0										99.17	
10/07/04	1,505	4,471	70	20	2.0	1,200	79	A-INF	101											
								A-EFF	9.0										91.09	
10/14/04	1,593	4,559	70	20	1.0	1,200	79	A-INF	70											
40/44/04								A-EFF	E0.0											
10/14/04	Shut dov	νπ system fo	or catalyti	c oxidizer	evaluation.	. Catalys	t plates ma	y be foule	ed and in n	eed of repla	cina. No sam	ples collected for Oct	obos.							
02/04/05	1,593	4,559	71	21	1.0	800	53	A-INF	111		5	proc concotca for Oct	.obei.							
02/10/05	4 707	4 700						A-EFF	0.0										100.00	
02/10/05	1,737	4,703	72	21	1.0	750	50	A-INF	32	29,0	2.13	2.84	247.65	1,146.36	4.00					
02/17/05	Syclome	hut down.						A-EFF	4.8	< 10.2	< 0.508	< 0.508	247.00	1,140.36	4.82	< 45.54	1.67	8.75		0.0166
02/17/05	1,905	4,871	64	20																
02/11/100	1,303	4,071	64	22	1.0	600	39	A-INF	21											
03/10/05	1,905	4,871	82	18	4.0	4 400		A-EFF	1.4										93.17	
	1,000	4,071	02	10	1.0	1,400	95	A-INF	402											
03/17/05	1,920	4,886	76	17	1.0	4.400		A-EFF	3.4										99.15	
	.,	1,000	70	17	1.0	1,100	74	A-INF	29.4	24.8	1.32	2.94	1.14	1,147.50	0.12	< 45.66	0.07	0.00	400.00	
03/24/05	2,088	5,054	76	17	1.0	1,100	74	A-EFF	0.0	< 10.2	< 0.508	< 0.508			****	- 40.00	0,07	8.82	100.00	0.0028
			, ,		1.0	1,100	74	A-INF A-EFF	29.4										100.00	
03/31/05	2,256	5,222	76	17	1.0	1,100	74	A-EFF	0.0 29.4										100,00	
						1,100	7-	A-INF	0.0										100.00	
04/06/05	System d	lown on arr	ival and d	eparture.				A-CI I	0.0										100.00	
04/06/05	2,266	5,232		•	***	1000		A-INF												
								A-EFF												
05/13/05	System d	lown on arr	ival. Resi	arted. Ru	Inning on d	eparture.		,, _,,												
	2,269	5,235	72	22	0.0	800	53	A-INF	52.1	32.3	2.13	1.73	2.00							
								A-EFF	0.0	< 10.2	< 0.508	< 0.508	2.36	1,149.86	0.19	< 45.86	0.14	8.96	100.00	0.0029
05/20/05	-		72	19	1.0	1,400	93	A-INF	102		0.000	- 0.500								
3E/27/0E	0.450							A-EFF	0										100.00	
05/27/05	2,456	5,422	72	16	1.0	1,400	93	A-INF	42											
06/03/05	0.004							A-EFF	0										100.00	
00/03/03	2,604	5,570	72	15	1.0	1,300	86	A-INF	47.0	36.5	2.44	2.54	3.01	1,152.87	0.19	- 40.04				
06/10/05	2,772	E 700						A-EFF	0.0	< 10.2	< 0.508	< 0.508	0.01	1,102.07	0.19	< 46.04	0.20	9.16	100.00	0.0010
30/10/03	2,112	5,738	72	12	2.0	1,500	99	A-INF	33.0											
06/17/05	2,941	5,907	72	4.4				A-EFF	0.0											
,0,1,,00	2,541	3,907	72	14	3.0	1,500	99	A-INF	42.0											
06/23/05	3,104	6,070	72	14			200	A-EFF	0.0											
	3,104	0,010	12	14	3.0	1,400	93	A-INF	26.0											
07/01/05	3,273	6,239	72	14	3.0	1.400	02	A-EFF	0.0											
		.,	, 2		3.0	1,400	93	A-INF	12.0											
								A-EFF	0.0											

Former Exxon Service Station 7-0238 2200 East 12th Street Oakland, California (Page 3 of 5)

DATE	Cuntar	Tetal	~				REMENTS			LABORA	TORY ANALY	TICAL RESULTS	TDU	Damestal		A-0100000				
DATE	System	Total	Temp		Pressure	F	low	Sample	PID	TPHq	Benzene	MTBE		Removal		Removal	Benzene	Removal	Destruction	Benzene
07/08/05	Hours	Hours	(deg F)		("H₂O)	(fpm)	(scfm)	ID	(ppmv)	(mg/M³)	(mg/M³)	(mg/M²)	Period	Cumulative	Period	Cumulative	Period	Cumulative	Efficiency	
07/00/05	3,441	6.407	75	16	0.0	1,500	100	A-INF	32.6		(mg/m/	(mg/wr)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(%)	(lb/day)
07/45/05	0.540							A-EFF	0.0								72-0			(10.00))
07/15/05	3,510	6,476	74	18	0.0	1,400	94	A-INF	67.2											
								A-EFF	0.1											
07/22/05	3,675	6,641	74	15	0.0	1,400	94	A-INF	12.0											
								A-EFF	0.0											
07/29/05	3,844	6,810	72	16	0.0	1,000	67	A-INF	4.0											
								A-EFF	0.0											
08/05/05	3,860	6,826	72	14	0.0	1,400	93	A-INF	4.5											
						.,	-	A-EFF	0.0											
08/12/05	3,860	6,826	72	14	0.0	1,400	93	A-INF	4.5	- F 000										
						.,	00	A-EFF		< 5.000	< 0.500	< 0.500	< 8.75	< 1,161.62	< 0.64	< 46.69	< 0.62	< 9.78	400.00	
08/19/05	System of	lown for pu	mp repair	/replacem	ent.			A-CFF	0.0	< 5.000	< 0.500	< 0.500					0.02	- 3.76	100.00	0.0041
08/19/05	3,867	6,833						A INIT												
								A-INF A-EFF												
09/23/05	3,882	6,848	72	17	0.0	1,400	93													
			-		0.0	1,400	93	A-INF	56.0	44.8	1.78	0.902	< 0.19	< 1,161,81	< 0.01	< 46.69	< 0.01	< 0.70		
09/30/05	4,048	7,014	72	12	0.0	1,400	03	A-EFF	0.0	< 5.00	< 0.500	< 0.500				10.00	- 0.01	< 9.79	100,00	0.0042
					0.0	1,400	93	A-INF	5.1											
10/07/05	4,217	7,183	72	16	0.0	1,200	00	A-EFF	0.0											
					0.0	1,200	80	A-INF	1.0	< 5.00	< 0.500	< 0.500	< 2.70	< 1,164.51	< 0.08	< 46.77	< 0.12	- 0.00		
10/14/05	4,386	7,352	72	16	0.0	1 200	00	A-EFF	0.0			~~			0.00	40.77	< 0.12	< 9.92	100.00	
		,,002	,,,	10	0,0	1,200	80	A-INF	3.0											
10/21/05	4,400	7,366	72	18	0.0	4 000		A-EFF	0.0											
		.,000	12	10	0.0	1,200	80	A-INF	0.0	< 5.00	< 0.500	< 0.500	< 0.27	< 1,164.78	< 0.03	< 46.79	< 0.03			
0/28/05	4,564	7,530	72	12	0.0	4 400		A-EFF	0.0	< 5.00	< 0.500	< 0.500		,,,,,,,,,	0.00	- 40.79	V 0.03	< 9.94	100.00	0.0039
	.,	,,000	12	12	0.0	1,400	93	A-INF	0.0											
1/04/05	4,735	7,701	72	16	0.0	4 400		A-EFF	0.0											
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,	12	10	0.0	1,400	93	A-INF	4.0	7.48	< 0.500	< 0.500	< 0.68	< 1,165.46	< 0.05	< 46.85	< 0.05			
1/11/05	4.905	7,871	72	14	0.0	4 500		A-EFF	0.0	< 5.00	< 0.500	< 0.500		.,	- 0.00	40.00	< 0.05	< 10.00	100.00	0.0039
	.,000	7,071	12	14	0.0	1,500	100	A-INF	14.0											
1/18/05	5,068	8,034	72	18				A-EFF	0.0											
	0,000	0,004	12	10	0.0	1,400	93	A-INF	26.0											
1/21/05	5,110	8,076	72	10				A-EFF	0.0											
	0,110	0,070	12	19	0.0	1,200	80	A-INF	320.0											
2/05/05	5,371	8,337	70	40				A-EFF	0.0											
	0,071	0,007	72	16	0.0	1,500	100	A-INF	28.0	30.0	1.77	7.62	< 4.30	< 1,169.76	- 0.03	47.70				
2/09/05	Cuntam a	hard at a						A-EFF	0.0	< 5.00	< 0.500	< 0.500	1.00	1,105.70	× 0.93	< 47.78	< 0.26	< 10.26	100.00	0.0022
2/09/05	5 540	nut down p			dizer repair							******								
2103103	5,540	8,506	72	18	0.0	1,300	87	A-INF	100.0											
1/27/06	Catali 4:-							A-EFF	0.0											
1/27/06	Catalytic	oxidizer rep	oair comp	lete. Rest	art system	and disch	arge to ho	lding tank.	Shut dov	n system pri	or to departure	E:								
1121100	5,546	8,512	72	18	0.0	1,400	93	A-INF	0.0	< 5.00	< 0.500	< 0.500	< 1.11	< 1 470 PT	- 0.00					
								A-EFF	0.0	< 5.00	< 0.500	< 0.500	× 1.11	< 1,170.87	< 0.26	< 48.04	< 0.07	< 10.33	100.00	0.0043
2/24/00	D										0.000	- 3,500								
2/24/06	Restart sy	ystem, resa	mple, and	discharg	e to holding	g tank. Sl	nut down s	ystem prio	r to depar	ture.										
2/24/06	5,548	8,514	72	20	1.0	1,400	93	A-INF	0.0	< 5.00	< 0.500	< 0.500	< 0.00	4 4 4 7 0 0 -						
											0.000	- 0.000	< 0.00	< 1,170.87	~ 0.00	- 40 04	- 0.00			
								A-EFF	0.0	< 5.00	< 0.500	< 0.500	0.00	1,170.07	~ 0.00	< 48.04	< 0.00	< 10.33	100.00	0.0042

Former Exxon Service Station 7-0238 2200 East 12th Street Oakland, California (Page 4 of 5)

DATE	Curto	-	_				REMENTS			LABORA*	TORY ANALY	TICAL RESULTS	TDU	Domeunt						
DATE	System	WATER CO. S.			Pressure	ser F	Flow	Sample	PID	TPHa	Benzene		Period	Removal		Removal		Removal	Destruction	Benzene
03/03/00	Hours	Hours	(deg F)	("Hg)	(*H ₂ O)	(fpm)	(scfm)	ID	(ppmv)	(mg/M³)	(mg/M²)	(mg/M²)	(lbs)	Cumulative	Period	Cumulative	Period	Cumulative	Efficiency	
03/03/06	Lab resi	ults received									1 3 1	(mg/m/	(105)	(ibs)	(lbs)	(lbs)	(lbs)	(lbs)	(%)	(lb/day)
03/03/06	5,621	8,587	72	19	0.0	800	53	A-INF	0.0	< 5.00	< 0.500	3.47	< 0.10	< 1,170.97	- 004					
03/09/06	Cunta-	about door	***					A-EFF	0.0	< 5.00	< 0.500	< 0.500	- 0.10	× 1,170.97	< 0.04	< 48.08	< 0.01	< 10.34	100.00	0.0033
07/11/06	Dormit -	shut down,	waiting p	ermit rene	ewal.															
07/11/06	5,765	eriewai com	piete, rest	art systen	n for compl	iance sa	mpling. Syst	lem shut	down on de	eparture,										
07/11/00	0,765	8,731	72	18	0.0	1,200	80	A-INF	6.9	< 50.0	< 0.500	1.03	< 0.99	< 1,171.96	- 0.00	. 10.10				
07/18/06	Custom	nhui da						A-EFF	0.0	< 50.0	< 0.500	< 0.500	0.00	- 1,171.50	V.08	< 48.16	< 0.02	< 10.36	100.00	0.0030
07/18/06	5,767	shut down o 8,733																		
0.770,00	0,707	0,733	12	17	0.0		****	A-INF												
07/21/06	5,835	8,801	70	45		4050		A-EFF												
01721700	0,000	0,001	72	15	0.0	1250	83	A-INF	64											
07/28/06	6,000	8,966	70					A-EFF	0.0											
01120/00	0,000	0,900	72	14	0.0	1200	80	A-INF	56											
08/04/06	System	running on a						A-EFF	0.0											
08/04/06	6,169	9,135				4 400														
00/04/00	0,109	9,133	72	12	0.0	1400		A-INF	0.0	< 50.0	< 0.500	< 0.500	< 6.54	< 1,178.50	< 0.10	- 40.00	. 2			
08/11/06	6,338	0.004						A-EFF	0.0	< 50.0	< 0.500	< 0.500		1,170.00	- 0/10	< 48.26	< 0.07	< 10.42	100.00	0.0039
06/11/06	0,338	9,304	72	12	0.0	1400	93	A-INF	0.0											
08/18/06	0.500							A-EFF	0.0											
00/10/06	6,509	9,475	72	12	0.0	1250	83	A-INF	0.0											
08/25/06	6 670	0.000						A-EFF	0.0											
00/23/06	6,672	9,638	72	12	0.0	1250		A-INF	36											
09/01/06	6 600	0.00=						A-EFF	0.0											
09/01/06	6,699	9,665	72	11	1.0	1400	93	A-INF	42											
09/08/06	Suntam :							A-EFF	0.0											
00/00/00		unning on a																		
	6,867	9,833	72	15	1.0	1400	93	A-INF	0.0	< 50.0	< 0.500	< 0.500	< 12.15	< 1,190.65	< 0.12	40.00				
09/15/06	7.000	0.000						A-EFF	0.0	< 50.0	< 0.500	< 0.500	.2.70	1,190.03	0.12	< 48.38	< 0.12	< 10.55	100.00	0.0042
09/13/06	7,033	9,999	72	11	1.0	1400	93	A-INF	0.0											
09/22/06	7,201	10.107	70	40				A-EFF	0.0											
03/22/00	7,201	10,167	72	10	1.0	1,400		A-INF	0.0											
09/29/06	7,370	10,336	74	10	4.0	4 400		A-EFF	0.0											
	1,070	10,000	/-	10	1.0	1,400		A-INF	0.0											
10/06/06	System r	unning on a	rrival and	denortura				A-EFF	0.0											
	7,537	10,503		10	1.0	1,400	00	A 16.10m												
	,	,		,,	1.0	1,400		A-INF	0.0	< 50.0	< 0.500	1.07	< 11.67	< 1,202.32	< 0.18	< 48.56	< 0.12	< 10.66	100.00	0.0042
10/13/06	System r	unning on a	rrival and	denarture				A-EFF	0.0	< 50.0	< 0.500	< 0.500						10.00	100.00	0.0042
	7,706	10,672		10	1.0	1,400	93	A-INF												
			_		1.0	1,400		A-IIVE	60 0.0											
10/20/06	System r	unning on a	rrival and	departure	e.			A-CFF	0.0											
	7,873	10,839		10	1.0	1,400	93	A-INF	126											
								A-EFF	0.0											
10/27/06	System r	unning on a		departure	.				3.0											
	7,897	10,863	74	10	1.0	1,400	93	A-INF	0.0											
								A-EFF	0.0											

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

DATE	0		-		FIELD	MEASUR	REMENTS			LABORA*	ORY ANALY	FICAL RESULTS	TOUL							
DATE	System Hours			Vacuum			low	Sample	PID	TPHg	Benzene	MTBE	Period	Removal Cumulative		Removal		e Removal	Destruction	1 Benzene
1/03/06			(deg F)	("Hg) d departure	("H ₂ O)	(fpm)	(scfm)	ID	(ppmv)	(mg/M³)	(mg/MP)	(mg/M³)	(lbs)	(lbs)	Period (lbs)	Cumulative	Period	Cumulative	Efficiency	Emission
													(100)	(103)	(105)	(lbs)	(lbs)	(lbs)	(%)	(lb/day)
	0,009	11,035	74	10	1.0	1,400	93	A-INF	22											
1/10/06	Cuatom -							A-EFF	0.0											
1710700	D 222	unning on		d departure																
	0,232	11,198	74	10	1.0	1,400	93	A-INF	0.0	< 50.0	< 0.500	0.890	< 12.14	- 4 04 4 40						
1/14/06	0							A-EFF	0.0	< 50.0	< 0.500	< 0.500	12.14	< 1,214.46	0.24	< 48.80	< 0.12	< 10.78	100.00	0.0042
1/14/06	System r	unning on		d departure.							0.000	4 0.550								0.00
	8,329	11,295	73	10	1.0	1,400	93	A-INF	20											
1/20/06								A-EFF	0.0											
1/20/06	System r	unning on		d departure.																
	8,475	11,441	72	11	1.0	1,250	83	A-INF	20											
1/27/06	0							A-EFF	0.0											
1/2//06	System r	unning on		d departure.																
	8,641	11,607	72	12	1.0	1,200	80	A-INF	16											
2/06/06								A-EFF	0.0											
2/06/06	System r	unning on a		d departure.																
	8,856	11,822	72	10	1.0	1,400	93	A-INF	12.0	< 50.0	< 0.500	< 0.500	< 10.87							
2/15/06	0							A-EFF	0.0	< 50.0	< 0.500	< 0.500	< 10.87	< 1,225.33	< 0.15	< 48.95	< 0.11	< 10.89	100.00	0.0042
2/15/06	System r	unning on a		d departure.							0.000	- 0.500								
	9,070	12,036	72	15	1.0	1,000	66	A-INF	10.0											
2/21/06	C							A-EFF	0.0											
2/2 1/00	System n	unning on a		departure.																
	9,216	12,182	72	10	1.0	1,200	80	A-INF	16.0											
2/27/06	Combon d							A-EFF	0.0											
2121100	o ozc	own on arr		unning on d																
	9,276	12,242	72	14	0.0	1,100	73	A-INF	30.6											
1/05/07	Cumbo							A-EFF	0.0											
1/03/07	System ri	anning on a		departure.																
	9,492	12,458	72	10	1.0	1,200	80	A-INF	30.0	< 50.0	< 0.500	< 0.500	< 10.27	4 4 000 00						
								A-EFF	0.0	< 50.0	< 0.500	< 0.500	- 10.27	< 1,235.60	< 0.10	< 49.05	< 0.10	< 10.99	100.00	0.0039
												3.000								

=	Influent vapor sample.
=	Effluent vapor sample.
=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B or 18M.
=	Benzene analyzed using EPA Method 8021B or 18M.
=	Methyl tertiary butyl ether analyzed using EPA Method 8021B or 18M.
=	Temperature of vapor stream.
=	Degrees Fahrenheit.
=	Inches of mercury vacuum.
=	Inches of water column,
=	Photo-ionization detector measurement.
=	Actual cubic feet per minute.
=	Standard cubic feet per minute.
=	Degrees Fahrenheit.
=	Parts per million by volume.
=	Feet per minute.
=	Milligrams per cubic meter.
=	Pounds.

Not sampled/Not analyzed/Not measured/Not calculated/Not applicable.

TABLE 4
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 6)

Date	System Hours	Eff. Totalizer Reading	•	Total Flow per period	Sample ID	TPHg	TDUS			cal Results			TPHg	Removed	Benzene	Removed	LATE	- D
	(hours)	(gal)	(gpm)	(gal)	"	(µg/L)	TPHd	В	т	E	×	MTBE	Per Period	Cumulative	Per Period	Cumulative	Per Period	Removed
01/15/04	1	0	0.00	0	W-INF	(pg/L) 82	(µg/L) 78	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(lbs)	(lbs)	(lbs)	(lbs)		Cumulative
					W-INT1	< 50		< 5.0	< 5.0	< 5.0	< 5.0	160	0.000	0.000	0.00000	0.0000	(lbs) 0.0000	(lbs)
					W-INT2	< 50	< 47	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50				0.0000	0.0000	0.000
					PSP-1	< 50 < 50	53	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
03/01/04	6	0	0.00	0	W-INF	4,100	62	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
			0.00		W-INT1		580a	< 25	< 25	47	36	2,800	0.000	0.000	0.00000	0.0000	0.0000	
					W-INT2	< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5			0.00000	0.0000	0.0000	0.000
					PSP-1	< 50 < 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
03/05/04	102	3,620	0.63	3,620	131-1	< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
03/08/04	174	11,610	1.85	7,990	W-INF	4 2 500												
		,	1.00	7,550	W-INT1	< 2,500	260a	< 25	< 25	< 25	30	2,100	< 0.320	< 0.320	< 0.00242	< 0.0024	0.2070	
						< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5			0,00242	0.0024	0.2373	0.237
					W-INT2	< 50	59a	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
03/12/04	270	19,090	1.30	7,480	PSP-1	< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
03/19/04	438	31,960	1.28	12,870														
03/26/04	606	41,930	0.99															
04/02/04	774	49,260	0.99	9,970	141 111-													
		43,200	0.73	7,330	W-INF	< 1,000	< 50	< 10	< 10	< 10	< 10	350	< 0.550	< 0.869	< 0.00EE0			
					W-INT1	190	< 50	< 0.50	< 0.50	< 0.50	< 0.50	86		0.003	< 0.00550	< 0.0079	0.3848	0.622
					W-INT2	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
04/08/04	918	E7 700			PSP-1	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
04/15/04	1,086	57,700 69,440	0.98	8,440														
04/22/04	1,000		1.16	11,740														
04/29/04	1,422	79,000	0.95	9,560														
05/06/04	1,590	84,000	0.50	5,000														
00/00/04	1,000	89,250	0.52	5,250	W-INF	700	64a	< 5.0	< 5.0	< 5.0	< 5.0	430	< 0.284	< 1.153	4 0 00050			
					W-INT1	160	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	0.204	1.100	< 0.00250	< 0.0104	0.1301	0.752
					W-INT2	200	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
05/13/04	1,758	0.4.700			PSP-1	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
05/21/04		94,700	0.54	5,450								2.0						
05/27/04	1,950	100,850	0.53	6,150														
	2,092	105,330	0.52	4,480														
06/03/04	2,260	110,590	0.52	5,260	W-INF	270	75a	< 2.5	< 2.5	< 2.5	< 2.5	210	0.086	4.000				
					W-INT1	190	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	0.000	< 1.239	< 0.00067	< 0.0111	0.0570	0.809
					W-INT2	230	< 50	< 0.50	1.3	< 0.50	< 0.50	< 2.5						
00/00/04					PSP-1	160	< 49	< 0.50	0.76	< 0.50	< 0.50	< 2.5						
06/09/04	2,404	114,690	0.47	4,100						0.00	· 0.50	< 2.5						
06/24/04	2,764	115,140	0.02	450														
07/14/04	2,774	117,590	0.09	2,450														
07/22/04	2,966	121,930	0.38	4,340	W-INF	280	78a	< 2.5	4.9	< 2.5	2.5	440						
					W-INT1	< 50	< 48	< 0.50	< 0.50	< 0.50	2.5	110	0.026	< 1.265	< 0.00024	< 0.0113	0.0151	0.824
					W-INT2	< 50	< 48	< 0.50	< 0.50		< 0.50	< 2.5						
					PSP-1	< 50	< 49	< 0.50		< 0.50	< 0.50	< 2.5						
07/29/04	2,966	125,290	0.33	3,360				~ U.OU	< 0.50	< 0.50	< 0.50	< 2.5						

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

D	System	Eff. Totalizer	Average		Sample			Labora	tory Analytic	cal Results			TDU	n .				
Date	Hours	Reading	Flow rate	per period	ID.	TPHg	TPHd	В	Т	E	X	MIDE		Removed	Benzene	Removed	MTBE	Removed
	(hours)	(gal)	(gpm)	(gal)	l.	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	MTBE	Per Period	Cumulative	Per Period	Cumulative	Per Period	Cumulative
08/05/04	2,976	125,330	0.17	3,400	W-INF	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	(µg/L)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)
					W-INT1	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	40	< 0.005	< 1.270	< 0.00004	< 0.0114	0.0021	0.826
					W-INT2	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					PSP-1	< 50	67a	< 0.50	< 0.50	< 0.50		< 2.5						
08/20/04	2,976	125,380	0.00	50				0.00	٠ 0.00	< 0.50	< 0.50	< 2.5						
08/25/04	3,096	127,980	0.36	2,600														
09/09/04	3,456	135,110	0.33	7,130	W-INF	600	130a	< 5.0	< 5.0	< 5.0								
					W-INT1	< 50	< 48	< 0.50	< 0.50	< 0.50	< 5.0	210	< 0.027	< 1.297	< 0.00022	< 0.0116	0.0102	0.837
					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						
09/16/04		145,830	1.06	10,720			- 00	· 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
09/23/04		154,757	0.89	8,927														
09/30/04		162,020	0.72	7,263														
10/07/04		165,420	0.34	3,400	W-INF	< 100	270a	< 1.0	- 10									
				-,	W-INT1	< 50	< 50		< 1.0	< 1.0	< 1.0	68	< 0.089	< 1.385	< 0.00076	< 0.0124	0.0352	0.872
					W-INT2	< 50	60a	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						0.072
					PSP-1	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
10/14/04	_	165,440	0.00	20	1 01 -1	~ 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
10/14/04	System sh	utdown for catal																
01/27/05	System re	started and sam	pled. Store	ed in tank No	discharge	Augitina	omple recul	4n h nfn										
		166,130	0.00	690	, cloonarge	. Awaiting s	ample resul	is before co	ommencing	discharge.								
01/27/05					W-INF	431	285a	5.10	00.5									
					W-INT1	< 50.0	< 50	< 0.50	36.5	6.0	45.2	145	< 0.002	< 1.387	< 0.00002	< 0.0124	0.0006	0.872
					W-INT2	< 50.0	147a	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5						
					PSP-1	< 50.0	< 50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5						
02/03/05	Storage ta	nk discharged.			101-1	. 00.0	× 50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5						
		166,730	0.06	600														
02/04/05	1,593	166,760	0.02	30														
02/10/05	1,737	169,610	0.33	2,850	W-INF	96.8	1646	- 0.50										
			0.00	2,000	W-INT1	< 50.0	164b	< 0.50	< 0.5	< 0.5	< 0.5	98.7	0.008	< 1.394	< 0.00008	< 0.0125	0.0035	0.876
					W-INT2		< 50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5						0.070
					PSP-1	< 50.0 < 50.0	63b	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5						
02/17/05	System sh	ut down for cata	lytic ovidiza	r odiustment		< 50.0	91b	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5						
02/17/05	1,905	172,890	0.33	3,280	5.													
03/17/05		started and sam		3,200														
	1,920	174,000	0.03	1,110	W-INF	705												
	.,	174,000	0.03	1,110		725	517a	< 0.50	< 0.5	< 0.5	< 0.5	22.7	0.015	< 1.409	< 0.00002	< 0.0125	0.0022	0.878
					W-INT1	607	< 50	0.60	< 0.5	0.7	< 0.5	< 0.5				***************************************	0.0022	0.070
					W-INT2	< 50	< 50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5						
03/24/05	2,088	190,570	0.00	40.570	PSP-1	61.2	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5						
	-,000	190,510	0.00	16,570														
03/31/05	2,256	199,470	0.88	8,900														

TABLE 4 OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM, LIQUID-PHASE Former Exxon Service Station 7-0238 2200 East 12th Street

Oakland, California (Page 3 of 6)

Date	System Hours	Eff. Totalizer Reading	Average Flow rate	Total Flow per period	Sample	TDU			ory Analytic	al Results			TPHa	Removed	Renzene	Removed	MTBE Removed		
	(hours)	(gal)	(gpm)		ID	TPHg	TPHd	В	T	Е	×	MTBE	Per Period		Per Period	Cumulative			
04/08/05	2,266	199,470	0.00	(gal) 0	W-INF	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(lbs)	(lbs)	(lbs)	(lbs)	Per Period	Cumulativ	
	-,	100,410	0.00			116	163	< 0.50	< 0.5	< 0.5	< 0.5	120	0.089	< 1.499	< 0.00011		(lbs)	(lbs)	
					W-INT1	142	< 50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5			0.00011	0.0120	0.0152	0.893	
					W-INT2	< 50.0	< 50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5							
05/05/05	System d	OWD.			W-EFF	< 50.0	< 50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5							
05/13/05	2,269	199,470	0.00	0	VAZ INTE	044													
	-,	100,410	0.00	U	W-INF W-INT1	214		< 0.50	< 0.5	< 0.5	< 0.5	85.8	0.0000	< 1.499	0.0000	< 0.0126	0.0000	0.000	
					W-INT2	187		< 0.50	< 0.5	< 0.5	< 0.5	< 0.5			2.0000	0.0120	0.0000	0.893	
					W-PSP-1	< 50.0		< 0.50	< 0.5	< 0.5	< 0.5	< 0.5							
05/20/05	System de	own on arrival, F	Restarted I	Rupping on de	VV-PSP-1	< 50.0		< 0.50	< 0.5	< 0.5	< 0.5	< 0.5							
05/20/05		200,480	0.10	1,010	eparture.														
05/27/05	2,456	217,480	1.69	17,000															
06/08/05	2,604	236,100	1.08	18,620	W-INF	182													
				10,020	W-INT1	< 50.0		< 0.50	< 0.5	< 0.5	< 0.5	170	0.061	< 1.559	< 0.00015	< 0.0127	0.0391	0.932	
					W-INT2	< 50.0		< 0.50	< 0.5	< 0.5	< 0.5	< 0.5					0.0001	0.532	
					W-EFF	< 50.0		< 0.50	< 0.5	< 0.5	< 0.5	< 0.5							
06/10/05	2,772	246,610	3.65	10,510	**-C11	< 50.0		< 0.50	< 0.5	< 0.5	< 0.5	< 0.5							
06/17/05	2,941	252,790	0.61	6,180															
06/24/05	3,104	262,930	1.01	10,140															
07/01/05	3,273	272,060	0.91	9,130															
07/08/05	3,441	281,210	0.91	9,150															
07/15/05	3,510	284,580	0.33	3,370															
07/22/05	3,675	292,200	0.76	7,620	W-INF	92.8		< 0.50	- 0.5	. 0 =									
					W-INT1	< 50.0		< 0.50	< 0.5 < 0.5	< 0.5	< 0.5	88.9	0.064	< 1.624	< 0.00023	< 0.0130	0.0606	0.993	
					W-INT2	< 50.0		< 0.50		< 0.5	< 0.5	< 0.5							
					W-EFF	< 50.0		< 0.50	< 0.5	< 0.5	< 0.5	< 0.5							
07/29/05	3,844	299,140	0.72	6,940		- 00.0	_	~ 0.50	< 0.5	< 0.5	< 0.5	< 0.5							
08/05/05 d	3,860	299,910	0.08	770	W-INF	58.6	***	< 0.500	< 0.500	< 0.000	. 0 500								
					W-INT1	< 50.0		< 0.500	< 0.500	< 0.500	< 0.500	46.5	0.005	< 1.628	< 0.00003	< 0.0130	0.0044	0.9974	
					W-INT2	< 50.0		< 0.500	< 0.500	< 0.500 < 0.500	< 0.500	< 0.500							
					W-PSP-1			< 0.500	< 0.500	< 0.500	< 0.500	< 0.500							
08/12/05	3,860	299,910	0.00	0				0.000	. 0.000	· 0.500	< 0.500	< 0.500							
08/19/05	3,867	300,120	0.02	210															
09/23/05	3,882	300,370	0.00	250															
09/30/05	4,048	306,340	0.59	5,970															
10/07/05	4,217	312,670	0.63	6,330	W-INF	< 50.0		< 0.50	< 0.50	< 0.50	< 0.50	AE E	< 0.000						
					W-INT1	< 50.0		< 0.50	< 0.50	< 0.50	< 0.50	45.5 < 0.50	< 0.006	< 1.634	< 0.00005	< 0.0130	0.0049	1.0023	
					W-INT2	< 50.0		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50							
					W-PSP-1	< 50.0		< 0.50	< 0.50	< 0.50	< 0.50								
10/14/05	4,386	320,120	0.74	7,450					0.00	0.00	- 0.50	< 0.50							
10/21/05	4,400	321,060	0.09	940															
10/28/05	4,564	329,550	0.84	8,490															

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

	System	Eff. Totalizer	Average	Total Flow	Sample			Lahora	tony Analyti	cal Results								
Date	Hours	Reading	Flow rate	per period	ID.	TPHg	TPHd	В	T		122	AMMESS		Removed		Removed	MTBE	Removed
	(hours)	(gal)	(gpm)	(gal)		(µg/L)	(µg/L)	(µg/L)		E	X	MTBE	Per Period	Cumulative	Per Period	Cumulative	Per Period	Cumulative
11/04/05	4,735	337,120	0.75	7,570	W-INF	55.5	(pg-c)	< 0.50	(µg/L) < 0.50	(μg/L) < 0.50	(µg/L)	(µg/L)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)
					W-INT1	< 50.0		< 0.50	< 0.50		< 0.50	56.2	< 0.011	< 1.645	< 0.00010	< 0.0131	0.0104	1.0127
					W-INT2	< 50.0		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
					W-PSP-1			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
11/11/05	4,905	348,240	1.10	11,120		-00.0		· 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
11/18/05	5,068	355,300	0.70	7,060														
11/21/05	5,110	357,390	0.48	2,090														
12/02/05	5,371	375,850	1.17	18,460														
12/09/05	System sh	nut down for cata	ılytic oxidize	er maintenand	ce.													
12/09/05	5,540	384,590	0.87	8,740	W-INF	100		< 0.50	< 0.50	< 0.50	- 0.50	400						
					W-INT1	< 50.0		< 0.50	< 0.50	< 0.50	< 0.50	108	0.031	< 1.676	< 0.00020	< 0.0133	0.0325	1.0452
					W-INT2	< 50.0		< 0.50	< 0.50		< 0.50	< 0.50						
					W-PSP-1			< 0.50		< 0.50	< 0.50	< 0.50						
01/27/06	Restart sy	stem for samplin	g. Dischard	ae to holdina	tank. Syste	m shut down	for departs	~ 0.00	< 0.50	< 0.50	< 0.50	< 0.50						
01/27/06	5,540	385,760	0.02	1,170	W-INF	< 250		< 2.5	< 0.5									
				,	W-INT1	< 50		< 0.50	< 2.5	< 2.5	< 2.5	170	< 0.002	< 1.677	< 0.00001	< 0.0134	0.0014	1.0466
					W-INT2				< 0.50	< 0.50	< 0.50	< 2.5						110 100
					_	< 25,000		< 0.50	< 0.50	< 0,50	< 0.50	< 2.5						
02/03/06	Restart sy	stem for samplin	g, Dischare	e to holding	tank Syste	m shut down	for donast	< 250	< 250	< 250	< 250	32,000						
02/03/06	5,544	385,760	0.00	0	W-PSP-1			< 0.50	4.0.50									
02/17/06	Restart sy	stem for samplin	g. Dischard					V 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
02/17/06	5,545	385,760	0.00	0	W-PSP-1			< 0.50	- 0.50	. 0.50								
02/24/06	Restart sy	stem and proces	s holding to	ank water. Sv	stem shut	down for den	arturo	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
02/24/06	5,548	386,700	0.09	940		donnino dep	arture.											
03/03/06	System sh	nut down on arriv	al, restart s	ystem.														
03/03/06	5,621	396,250	0.95	9.550	W-INF	< 250		< 2.5	< 2.5	4.0.5								
					W-INT1	< 50		< 0.50	< 0.50	< 2.5	< 2.5	150	< 0.022	< 1.699	< 0.00022	< 0.0136	0.0140	1.0606
					W-INT2	< 50		< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					W-PSP-1			< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
03/09/06	System ru	nning on arrival.	System shu	ut down pend	ina permit	renewal		< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
03/09/06	5,762	414,070	2.06	17,820	J	· oo												
07/11/06	Permit ren	ewal complete, r	estart syste	em for compli	ance samo	ling. System	shut down	on departu	.									
07/11/06	5,765	414,070	0.00	0	W-INF	63.6		< 0.50	< 0.50	- 0.50	. 0.50							
					W-INT1	< 50.0		< 0.50	< 0.50	< 0.50	< 0.50	47.6	< 0.023	< 1.723	< 0.00022	< 0.0138	0.0147	1.0753
					W-INT2	< 50.0		< 0.50		< 0.50	< 0.50	< 0.50						
					W-PSP-1				< 0.50	< 0.50	< 0.50	< 0.50						
07/18/06	System do	wn on arrival an	d runnina o	n departure		- 00.0		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
07/18/06	5,767	414,900	0.08	830														
07/21/06	5,835	420,170	1.22	5,270														
07/28/06	6,000	429,180	0.89	9,010														
		,	00	0,010														

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

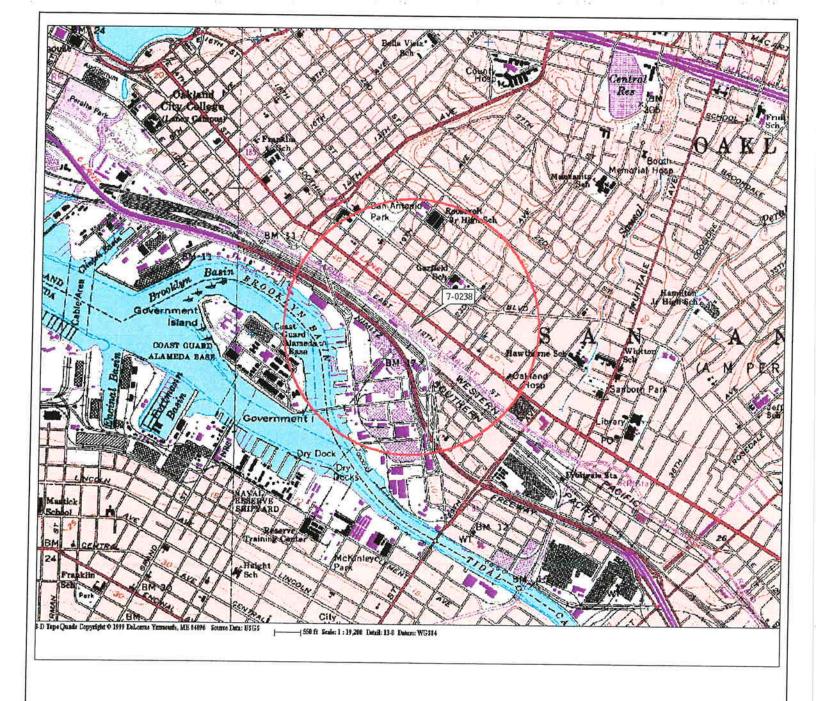
	System	Eff Tatalian	Aug		T					0 0 0 0								
Date	Hours	Eff. Totalizer Reading	-	Total Flow per period					tory Analyti	cal Results			TPHo	Removed	Ronzono	Removed	Comm.	-
	(hours)	(gal)	(gpm)		ID	TPHg	TPHd	В	_ T	E	X	MTBE	Per Period	Cumulative		Cumulative		Removed
08/04/06		inning on arrival		(gal)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(lbs)	(lbs)	(lbs)	(lbs)	Per Period	Cumulative
08/04/06	6,169	436,570	0.73	7,390	W-INF	- 50.0								(1.50)	(103)	(los)	(lbs)	(lbs)
			0.10	7,590	W-INT1	< 50.0	***	< 1.00	< 1.00	< 1.00	< 1.00	9.84	< 0.011	< 1.733	< 0.00014	< 0.0130	0.0054	4.0007
					W-INT2	< 50.0		< 1.00	< 1.00	< 1.00	< 1.00	< 3.00			0.00011	4 0.0109	0.0054	1.0807
					W-PSP-1		***	< 1.00	< 1.00	< 1.00	< 1.00	< 3.00						
08/11/06	6,338	442,910	0.63	6,340	VV-1 OF-1	< 50.0		< 1.00	< 1.00	< 1.00	< 1.00	< 3.00						
08/18/06	6,509	449,180	0.62	6,270														
08/25/06	6,672	454,650	0.54	5,470														
09/01/06	6,699	456,090	0.14	1,440														
09/08/06	System ru	inning on arrival																
09/08/06	6,867	462,560	0.64	6,470	W-INF	< 50		- 0.50										
				0,110	W-INT1	< 50		< 0.50	< 0.50	< 0.50	< 0.50	9.1	< 0.011	< 1.744	< 0.00016	< 0.0141	0.0021	1.0827
					W-INT2			< 0.50	< 0.50	< 0.50	< 0.50	< 2.5				0.0141	0.0021	1.0027
						< 50		< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
09/15/06	7,033	465,650	0.31	3,090	W-PSP-1	< 50		< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
09/22/06	7,201	467,300	0.16	1,650														
09/29/06	7,370	468,280	0.10	980														
10/06/06		inning on arrival																
10/06/06	7,537	471,570	0.33	3,290	W-INF	< 50												
			0.00	0,230	W-INT1	< 50		< 0.50	< 0.50	< 0.50	< 0.50	17	< 0.004	< 1.748	< 0.00004	< 0.0141	0.0010	1.0837
						< 50		< 0.50	< 0.50	< 0.50	< 0.50	< 2.5				0.0141	0.0010	1.0037
					W-PSP-1			< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
10/13/06	7,706	476,020	0.44	4,450	W4 3F-1	\ 50		< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
10/20/06	7,873	479,710	0.37	3,690														
10/27/06	System do	own on arrival ar		n departure														
10/27/06	7,897	480,400	0.07	690														
11/03/06	8,069	483,670	0.32	3,270														
11/10/06	System ru	nning on arrival																
11/10/06	8,232	487,240	0.35	3,570	W-INF	< 50		4.0.50	. 0.50									
				0,0.0	W-INT1	< 50	100	< 0.50	< 0.50	< 0.50	< 0.50	12	< 0.007	< 1.754	< 0.00007	< 0.0142	0.0019	1.0856
						< 50	***	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5					-10010	1.0000
					W-PSP-1			< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
11/14/06	8,329	490,110	0.50	2,870	W-F 3F-1	\ 50	***	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
11/20/06	8,475	496,070	0.69	5,960														
11/27/06	8,641	498,750	0.27	2,680														
12/06/06	System ru	nning on arrival		Ire														
12/06/06	8,856	504,200	0.42	5,450	W-INF	< 50		. 0.50										
		•		0,400	W-INT1	< 50		< 0.50	< 0.50	< 0.50	< 0.50	18	< 0.007	< 1.762	< 0.00007	< 0.0143	0.0021	1.0877
								< 0.50	< 0.50	< 0.50	< 0.50	< 2.5					0.0021	1.0077
					W-INT2 W-PSP-1		****	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
12/15/06	9,070	517,080	0.99	12,880	vv-F3F-1	> 50	(7-5-)	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
12/21/06	9,216	531,450	1.66	14,370														
12/27/06	9,276	537,480	0.70	6,030														
	-,	00.,400	0.70	0,030														

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

Dete	System	Eff. Totalizer		Total Flow				Labora	ory Analyti	cal Results			7011					
Date	Hours	Reading	Flow rate	per period	ID	TPHg	TPHd	В	T	E			TPHg Removed		Benzene Removed		MTBE Removed	
-	(hours)	(gal)	(gpm)	(gal)		(µg/L)	(µg/L)	(µg/L)	(matts	for an	, ^	MTBE		Cumulative	Per Period	Cumulative	Per Period	Cumulative
01/05/07		nning on arrival	and departu	ıre.		11.0	(1-9-1)	(pg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	
01/05/07	9,492	555,910	1.42	18,430		< 50 < 50 < 50 < 50		< 0.50 < 0.50 < 0.50 < 0.50	36 < 2.5 < 2.5 < 2.5	< 0.022	< 1.783	< 0.00022			(lbs) 1.0994			

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.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using modified EPA Method 8015M/8015B.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using modified EPA Method 8015M.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8015M.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
gal	=	Gallons.
gpm	=	Gallons per minute.
μg/L	=	Micrograms per liter.
lbs	=	Pounds.
	=	Not sampled/Not analyzed/Not measured/Not calculated/Not applicable.
<	=	Less than the laboratory method reporting limit.
а	=	Diesel-range organic compounds reported in sample; however, chromatogram pattern is not representative of diesel fuel.
ь	=	Diesel result was within the range diesel fuel. There was insufficient area for pattern match.
С	=	Sample mislabeled as W-EFF on the Chain-of-Custody and laboratory report.
d	=	Sample inadvertently misdated by laboratory. Correct sampling date is shown.
* If value is	below labor	ratory reporting limit, then detection limit value is used for removal calculations

^{**} Indicates the concentrations of identifiable analytes are below the laboratory reporting limit unless otherwise noted.

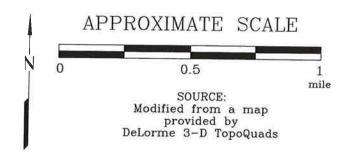


FN 2293TOPO

EXPLANATION



1/2-mile radius circle





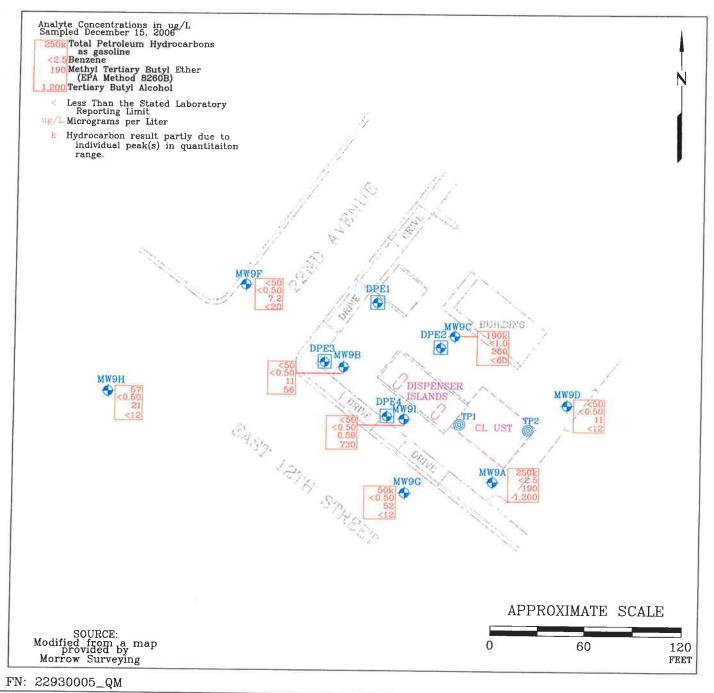
SITE VICINITY MAP

FORMER EXXON SERVICE STATION 7-0238 2200 East 12th Street Oakland, California PROJECT NO.

2293

PLATE

1



EXPLANATION

MW9I

Groundwater Monitoring Well

DPE4

Dual-Phase Extraction Well



Tank Pit Well



SELECT ANALYTICAL RESULTS December 15, 2006 FORMER EXXON SERVICE STATION 7-0238

2200 East 12th Street Oakland, California

PROJECT NO. 2293

PLATE 2



FN: 22930005_QM

EXPLANATION

MW9I

Groundwater Monitoring Well 7.68 Groundwater elevation in feet; datum is mean sea level

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

DPE4

Dual-Phase Extraction Well

Tank Pit Well



GROUNDWATER ELEVATION MAP December 15, 2006

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

PROJECT NO. 2293

PLATE

3

ATTACHMENT A GROUNDWATER SAMPLING PROTOCOL

GROUNDWATER SAMPLING PROTOCOL

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

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

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

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

 $\begin{array}{lll} r & = & \text{radius of the well casing in feet.} \\ h & = & \text{column of water in the well in feet} \\ & & \text{(depth to bottom - depth to water)} \\ 7.48 & = & \text{conversion constant from cubic feet to gallons} \\ \pi & = & \text{ratio of the circumference of a circle to its diameter} \\ \end{array}$

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

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



5 January, 2007

Paula Sime Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma, CA 94954

RE: Exxon 7-0238 Work Order: MPL0589

Enclosed are the results of analyses for samples received by the laboratory on 12/18/06 18:50. The samples arrived at a temperature of 3° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christina Woodcock Project Manager

CA ELAP Certificate #1210

Chritine Woodcock





Environmental Resolutions (Exxon) 601 North McDowell Blvd.

Petaluma CA, 94954

Project: Exxon 7-0238

Project Number: 7-0238

Project Manager: Paula Sime

MPL0589 Reported:

01/05/07 17:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
QCBB	MPL0589-01	Water	12/15/06 14:15	12/18/06 18:50
MW9A	MPL0589-02	Water	12/15/06 10:44	12/18/06 18:50
MW9B	MPL0589-03	Water	12/15/06 14:05	12/18/06 18:50
MW9C	MPL0589-04	Water	12/15/06 13:45	12/18/06 18:50
MW9D	MPL0589-05	Water	12/15/06 13:30	12/18/06 18:50
MW9F	MPL0589-06	Water	12/15/06 12:06	12/18/06 18:50
MW9G	MPL0589-07	Water	12/15/06 11:40	12/18/06 18:50
МW9Н	MPL0589-08	Water	12/15/06 12:35	12/18/06 18:50
MW9I	MPL0589-09	Water	12/15/06 13:10	12/18/06 18:50





601 North McDowell Blvd.

Petaluma CA, 94954

Project: Exxon 7-0238

Project Number: 7-0238

Project Manager: Paula Sime

MPL0589 Reported: 01/05/07 17:11

MW9A (MPL0589-02) Water Sampled: 12/15/06

Sampled: 12/15/06 10:44 Received: 12/18/06 18:50

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
Gasoline Range Organics (C4-C12)	250	250	ug/l	5	6L26023	12/26/06	12/27/06	EPA 8015B/8021B	Q
Benzene	ND	2.5	-96	**	**	•	**	11	
Toluene	ND	2.5	31	16	46	W.	160	1000	
Ethylbenzene	ND	2.5		00	1100	100	00	m.	
Xylenes (total)	ND	2.5	**					, u (;)	
Surrogate: a,a,a-Trifluorotoluene		116%	85-	120	"	"	,,		
Surrogate: 4-Bromofluorobenzene		112 %	75-	125	n	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
ert-Amyl methyl ether	ND	5.0	ug/l	10	6L27002	12/27/06	12/27/06	EPA 8260B	
tert-Butyl alcohol	1200	120	"	п	11	ij	11	"	
Di-isopropyl ether	ND	5.0	(0)	11	**	11	**	W.	
1,2-Dibromoethane (EDB)	ND	5.0	100	20	39	æ	'n	40	
1,2-Dichloroethane	ND	5.0	**	H	11		"		
Ethanol	ND	1000		II	**	**		W	
Ethyl tert-butyl ether	ND	5.0	(80)	11	**	**	iii.		
Methyl tert-butyl ether	190	5.0		11	11	н		(0)	
Surrogate: 1,2-Dichloroethane-d4		118%	60-1	45	"	"	n	"	
Surrogate: 4-Bromofluorobenzene		101 %	60-1	20	"	"	"	"	
Surrogate: Dibromofluoromethane		104 %	75-1	30	"	"	"	"	
Turrogate: Toluene-d8		100 %	70-1	30	n	"	ii.	"	





601 North McDowell Blvd. Petaluma CA, 94954 Project: Exxon 7-0238

Project Number: 7-0238
Project Manager: Paula Sime

MPL0589 Reported: 01/05/07 17:11

MW9B (MPL0589-03) Water

Sampled: 12/15/06 14:05 Received: 12/18/06 18:50

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica - Morgan Hill, CA

Reporting							
Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
50	ug/l	1	6L26023	12/26/06	12/27/06	EPA 8015B/8021B	
0.50	1)	11	"	Ü	n .	н	
0.50	u	II .	и	*1	5007	11	
0.50	3,992)	**	11	н	(00)		
0.50	W	m	W.	W	1997	16	
110%	85-7	120	"	n.	"	,,	
108 %	75-1	125	"	"	n	"	
	0.50 0.50 0.50 0.50	50 ug/l 0.50 " 0.50 " 0.50 " 0.50 " 110% 85-	50 ug/l 1 0.50 " " 0.50 " " 0.50 " " 110% 85-120	50 ug/l 1 6L26023 0.50 " " " 0.50 " " " 0.50 " " " 110 % 85-120 "	50 ug/l 1 6L26023 12/26/06 0.50 " " " " " 0.50 " " " " " 0.50 " " " " " 110 % 85-120 " "	50 ug/l 1 6L26023 12/26/06 12/27/06 0.50 " " " " " " " 0.50 " " " " " " " 0.50 " " " " " " " 110 % 85-120 " " " "	50 ug/l 1 6L26023 12/26/06 12/27/06 EPA 8015B/8021B 0.50 " " " " " " " " 0.50 " " " " " " " " 1.50 " " " " " " " " " " " 1.50 " " " " " " " " " " " " " " " " " " "

Volatile Organic Compounds by EPA Method 8260B

				B	, 011				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
tert-Amyl methyl ether	ND	0.50	ug/l	1	6L28009	12/28/06	12/29/06	EPA 8260B	
tert-Butyl alcohol	56	12	*		II .	n	н	.11	
Di-isopropyl ether	ND	0.50	60	963	1967	39			
1,2-Dibromoethane (EDB)	ND	0.50	92	(00)	200 17	n	**	90.0	
1,2-Dichloroethane	ND	0.50				77	**.	99	
Ethyl tert-butyl ether	ND	0.50			*				
Methyl tert-butyl ether	11	0.50		30	36	**		*	
Surrogate: 1,2-Dichloroethane-d4		102 %	60-1	45	"	"	н	380	
Surrogate: 4-Bromofluorobenzene		79 %	60-1	20	10	**	n		
Surrogate: Dibromofluoromethane		104 %	75-1	30		"	"		
Surrogate: Toluene-d8		93 %	70-1	30	10	"	н	W:	





601 North McDowell Blvd. Petaluma CA, 94954 Project: Exxon 7-0238

Project Number: 7-0238
Project Manager: Paula Sime

MPL0589 Reported: 01/05/07 17:11

MW9C (MPL0589-04) Water

Sampled: 12/15/06 13:45 Received: 12/18/06 18:50

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting	77 %	D2 .1	D . I				
Allaryte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	190	100	ug/l	2	6L26023	12/26/06	12/27/06	EPA 8015B/8021B	QP
Benzene	ND	1.0	11	11	ш	п	II .	11	
Toluene	ND	1.0	Ħ	11	11	н	ш	II	
Ethylbenzene	ND	1.0	11	-11	*		38	w	
Xylenes (total)	ND	1.0		*	*	n	**	n	
Surrogate: a,a,a-Trifluorotoluene		115 %	85-	120	"	n	39	n .	
Surrogate: 4-Bromofluorobenzene		110%	75-	125	"	"	20	"	

Volatile Organic Compounds by EPA Method 8260B

	-	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
ert-Amyl methyl ether	ND	2.5	ug/l	5	6L28009	12/28/06	12/29/06	EPA 8260B	
ert-Butyl alcohol	ND	60	II .	и	11	"		**	
Di-isopropyl ether	ND	2.5	U	23007	11	U	100	040	
1,2-Dibromoethane (EDB)	ND	2.5	Ħ	(9)	390	•	(W)	(00)	
1,2-Dichloroethane	ND	2.5	"	•	**			TI.	
Ethyl tert-butyl ether	ND	2.5	п		**	(#)		**	
Methyl tert-butyl ether	260	2.5	16	(140)	00				
Surrogate: 1,2-Dichloroethane-d4		107 %	60-1	45	"	*	"	0	
Surrogate: 4-Bromofluorobenzene		79 %	60-1	20	"	"	(#5)	· m	
Surrogate: Dibromofluoromethane		113 %	75-1	30	"	3#11	**	"	
Surrogate: Toluene-d8		92 %	70-1	30		2003	"	"	





601 North McDowell Blvd. Petaluma CA, 94954 Project: Exxon 7-0238

Project Number: 7-0238
Project Manager: Paula Sime

MPL0589 Reported: 01/05/07 17:11

MW9D (MPL0589-05) Water

Sampled: 12/15/06 13:30 Received: 12/18/06 18:50

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica - Morgan Hill, CA

Analyte	D 1	Reporting	TT /:	D.1	D 1				SIMEDICE.
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6L26023	12/26/06	12/27/06	EPA 8015B/8021B	
Benzene	ND	0.50	11	**	**	0	п	rr .	
Toluene	ND	0.50	11		*	11	II	n.	
Ethylbenzene	ND	0.50	11	iii	30	W.	*	ii.	
Xylenes (total)	ND	0.50	7,00)		30	ж	ж	III.	
Surrogate: a,a,a-Trifluorotoluene		115%	85-1	20	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		114%	75-1	25	"	"	n	"	

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
tert-Amyl methyl ether	ND	0.50	ug/l	1	6L28009	12/28/06	12/29/06	EPA 8260B	
tert-Butyl alcohol	ND	12	11	11	11	II.	11	и	
Di-isopropyl ether	ND	0.50	*	11	н	11	11	11	
1,2-Dibromoethane (EDB)	ND	0.50	*	11	**	11		-9.0	
1,2-Dichloroethane	ND	0.50	#5	11	1000	900	:00);	340	
Ethyl tert-butyl ether	ND	0.50	•	n			"	200	
Methyl tert-butyl ether	11	0.50		"	*	***	**))	
Surrogate: 1,2-Dichloroethane-d4		108 %	60-14	45	(0)	"	<i>w</i>	<i>m</i>	
Surrogate: 4-Bromofluorobenzene		78 %	60-12	20		11	**	(4)	
Surrogate: Dibromofluoromethane		106 %	75-13	30	7900	"	700	*	
Surrogate: Toluene-d8		89 %	70-13	30	"	"	•	"	





601 North McDowell Blvd. Petaluma CA, 94954 Project: Exxon 7-0238

Project Number: 7-0238
Project Manager: Paula Sime

MPL0589 Reported: 01/05/07 17:11

MW9F (MPL0589-06) Water

Sampled: 12/15/06 12:06 Received: 12/18/06 18:50

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica - Morgan Hill, CA

				_	-				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6L27004	12/27/06	12/27/06	EPA 8015B/8021B	
Benzene	ND	0.50	*	**	11	11	II	11	
Toluene	ND	0.50	**	W	"	11	II	II .	
Ethylbenzene	ND	0.50	ж	.11	100		3.0	1300	
Xylenes (total)	ND	0.50	77	7.	9		W		
Surrogate: a,a,a-Trifluorotoluene		111%	85-	120	"	"		**	
Surrogate: 4-Bromofluorobenzene		105 %	75-	125	"	n		u	

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
tert-Amyl methyl ether	ND	0.50	ug/l	1	6L28009	12/28/06	12/29/06	EPA 8260B	
tert-Butyl alcohol	ND	20	*	**					
Di-isopropyl ether	ND	0.50	100	((44)		36	**	5000	
1,2-Dibromoethane (EDB)	ND	0.50	(10)	(300):	(200)	:11	25.	(80)	
1,2-Dichloroethane	ND	0.50		п			N		
Ethyl tert-butyl ether	ND	0.50			**		*	W	
Methyl tert-butyl ether	7.2	0.50	n.	n	n	H		•	
Surrogate: 1,2-Dichloroethane-d4		110 %	60-1-	45	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		77 %	60-1	20	"	"	"	"	
Surrogate: Dibromofluoromethane		106 %	75-1.	30	"	"	22	"	
Surrogate: Toluene-d8		90 %	70-1.	30	11	,,	"	n	





601 North McDowell Blvd. Petaluma CA, 94954

Project Number: 7-0238

Project: Exxon 7-0238 Project Manager: Paula Sime

MPL0589 Reported: 01/05/07 17:11

MW9G (MPL0589-07) Water

Sampled: 12/15/06 11:40 Received: 12/18/06 18:50

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B TestAmerica - Morgan Hill, CA

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	50	50	ug/l	1	6L27004	12/27/06	12/27/06	EPA 8015B/8021B	QP
Benzene	ND	0.50	u	и	11	11	11	II .	
Toluene	ND	0.50			n	n	<u>n</u>	u	
Ethylbenzene	ND	0.50	500	(10)	30	**	M	300	
Xylenes (total)	ND	0.50	.0	A O 5		#.	#	#	
Surrogate: a,a,a-Trifluorotoluene		110 %	85-	120	11	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	75-	125	"	"	"	**	

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
tert-Amyl methyl ether	ND	0.50	ug/l	1	6L28009	12/28/06	12/29/06	EPA 8260B	
tert-Butyl alcohol	ND	12	u		U ,	u	,u	n_	
Di-isopropyl ether	ND	0.50	*	*	w				
1,2-Dibromoethane (EDB)	ND	0.50	**	31	(0)	000	(000)	(10)	
1,2-Dichloroethane	ND	0.50	29	#6	37.997	(4.0)	2300	1000	
Ethyl tert-butyl ether	ND	0.50		*6		**			
Methyl tert-butyl ether	52	0.50	**	*.			**	(1)	
Surrogate: 1,2-Dichloroethane-d4		110 %	60-	145	"		"	"	
Surrogate: 4-Bromofluorobenzene		75 %	60-	120	"	300	n		
Surrogate: Dibromofluoromethane		107 %	75-	130	"	n	"		
Surrogate: Toluene-d8		88 %	70-	130	"		"	"	





601 North McDowell Blvd.

Petaluma CA, 94954

Project: Exxon 7-0238

Project Number: 7-0238

Project Manager: Paula Sime

MPL0589 Reported: 01/05/07 17:11

MW9H (MPL0589-08) Water

Sampled: 12/15/06 12:35 Received: 12/18/06 18:50

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
Gasoline Range Organics (C4-C12)	57	50	ug/l	1	6L27004	12/27/06	12/27/06	EPA 8015B/8021B	
Benzene	ND	0.50	100	W	11	II	II .	H	
Toluene	ND	0.50	3,9907	n	W.	II	II	п	
Ethylbenzene	ND	0.50	W		20	20.	99	90	
Xylenes (total)	ND	0.50	(0)	*		**		146	
Surrogate: a,a,a-Trifluorotoluene		112 %	85-1	120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98 %	75-1	125	#	"		"	

Volatile Organic Compounds by EPA Method 8260B

				0					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
tert-Amyl methyl ether	ND	0.50	ug/l	1	6L28009	12/28/06	12/29/06	EPA 8260B	
tert-Butyl alcohol	ND	12	**		**	II .		11	
Di-isopropyl ether	ND	0.50	11	310	н	"	**	n	
1,2-Dibromoethane (EDB)	ND	0.50		200	н	n)	200	MI.	
1,2-Dichloroethane	ND	0.50			**		71		
Ethyl tert-butyl ether	ND	0.50	u	0	ш	*	,	•	
Methyl tert-butyl ether	21	0.50	100	200	II	36	я	*	
Surrogate: 1,2-Dichloroethane-d4		113 %	60-1	45	**	n	"	n	
Surrogate: 4-Bromofluorobenzene		75 %	60-1	20	"	"	"	"	
Surrogate: Dibromofluoromethane		111%	75-1	30	"	"	"	"	
Surrogate: Toluene-d8		87 %	70-1	30	"	n	"	\boldsymbol{u}	





601 North McDowell Blvd. Petaluma CA, 94954 Project: Exxon 7-0238

Project Number: 7-0238
Project Manager: Paula Sime

MPL0589 Reported: 01/05/07 17:11

MW9I (MPL0589-09) Water

Sampled: 12/15/06 13:10 Received: 12/18/06 18:50

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6L26023	12/26/06	12/27/06	EPA 8015B/8021B	
Benzene	ND	0.50	**	*	II	II	"	"	
Toluene	ND	0.50	**	***	(100)	() ph ():	н	п	
Ethylbenzene	ND	0.50	**	10.	(10)	:00	38.3	5(00)	
Xylenes (total)	ND	0.50	*	11			u .	**	
Surrogate: a,a,a-Trifluorotoluene		114 %	85-	120	"	"		200	
Surrogate: 4-Bromofluorobenzene		108 %	75-	125	#	"	"	9 96	

Volatile Organic Compounds by EPA Method 8260B

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
tert-Amyl methyl ether	ND	0.50	ug/l	1	6L28009	12/28/06	12/29/06	EPA 8260B	
tert-Butyl alcohol	730	12						,u	
Di-isopropyl ether	ND	0.50	.0	300	(0)	ж	W	38	
1,2-Dibromoethane (EDB)	ND	0.50		(99)	288	п	#5	"	
1,2-Dichloroethane	ND	0.50	U			n	n	*	
Ethanol	ND	100			*	II	II		
Ethyl tert-butyl ether	ND	0.50	10	30	w	17	**	ME	
Methyl tert-butyl ether	0.59	0.50	5002	201	31.	#	11	ж	
Surrogate: 1,2-Dichloroethane-d4		112 %	60-1	45	"	**	"	"	
Surrogate: 4-Bromofluorobenzene		72 %	60-1	20	"	"	"	"	
Surrogate: Dibromofluoromethane		112 %	75-1	30	##	"	"	**	
Surrogate: Toluene-d8		87 %	70-1	30	11	<u>n</u>	· u	"	





Environmental Resolutions (Exxon) 601 North McDowell Blvd.

Project: Exxon 7-0238
Project Number: 7-0238
Project Manager: Paula Sime

MPL0589 Reported: 01/05/07 17:11

Petaluma CA, 94954

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control TestAmerica - Morgan Hill, CA

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6L26023 - EPA 5030B [P/T]										
Blank (6L26023-BLK1)				Prepared	& Analyze	ed: 12/26	/06			
Gasoline Range Organics (C4-C12)	ND	25	ug/l	-		****				
Benzene	ND	0.25	"							
Toluene	ND	0.29	11							
Ethylbenzene	ND	0.34	u							
Xylenes (total)	ND	0.35	и							
Surrogate: a,a,a-Trifluorotoluene	86.9		H	80.0		109	85-120			
Surrogate: 4-Bromofluorobenzene	86.7		"	80.0		108	75-125			
LCS (6L26023-BS1)				Prepared	& Analyze	d: 12/26/	06			
Gasoline Range Organics (C4-C12)	223	50	ug/l	275		81	60-115			
Benzene	5.03	0.50	II	4.85		104	45-150			
Гoluene	23.6	0.50	11	23.5		100	70-115			
Ethylbenzene	4.52	0.50	11	4.70		96	65-115			
Xylenes (total)	27.2	0.50	11	26.5		103	70-115			
Surrogate: a,a,a-Trifluorotoluene	85.9		"	80.0		107	85-120	-		17
Surrogate: 4-Bromofluorobenzene	90.1		n	80.0		113	75-125			
Matrix Spike (6L26023-MS1)		rce: MPL05	16-01	Prepared &	& Analyze	d: 12/26/0	06			
Gasoline Range Organics (C4-C12)	227	50	ug/l	275	15	77	60-115			
Benzene	4.36	0.50	п	4.85	0.20	86	45-150			
Toluene	21.0	0.50	II	23.5	0.57	87	70-115			
Ethylbenzene	3.91	0.50	"	4.70	ND	83	65-115			
Kylenes (total)	24.3	0.50	II	26.5	ND	92	70-115			
Surrogate: a,a,a-Trifluorotoluene	76.5		"	80.0		96	85-120			
urrogate: 4-Bromofluorobenzene	89.0		"	80.0		111	75-125			
Matrix Spike Dup (6L26023-MSD1)	Sou	rce: MPL051	6-01	Prepared &	k Analyze	1: 12/26/0)6			
Fasoline Range Organics (C4-C12)	216	50	ug/l	275	15	73	60-115	5	20	
Benzene	4.47	0.50	II	4.85	0.20	88	45-150	2	25	
oluene	22.0	0.50	"	23.5	0.57	91	70-115	5	20	
thylbenzene	4.09	0.50	11	4,70	ND	87	65-115	5	25	
(Iylenes (total)	25.5	0.50	"	26.5	ND	96	70-115	5	25	





Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954 Project: Exxon 7-0238

Project Number: 7-0238
Project Manager: Paula Sime

MPL0589 Reported: 01/05/07 17:11

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control TestAmerica - Morgan Hill, CA

Analysis	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Kosuit	Limit	Cinto	20101	114001					
Batch 6L26023 - EPA 5030B [P/T]										
Matrix Spike Dup (6L26023-MSD1)	Sou	rce: MPL05	16-01	Prepared	& Analyze	ed: 12/26/	06			
Surrogate: a,a,a-Trifluorotoluene	86.9		ug/l	80.0		109	85-120			
Surrogate: 4-Bromofluorobenzene	89.2		n.	80.0		112	75-125			
Batch 6L27004 - EPA 5030B [P/T]						-				
Blank (6L27004-BLK1)				Prepared	& Analyze	ed: 12/27/	06			
Gasoline Range Organics (C4-C12)	ND	25	ug/l							
Benzene	ND	0,25	*							
Toluene	ND	0,29	W							
Ethylbenzene	ND	0.34	*							
Xylenes (total)	ND	0.35	W							
Surrogate: a,a,a-Trifluorotoluene	44.0		"	40.0		110	85-120			
Surrogate: 4-Bromofluorobenzene	42.1		"	40.0		105	75-125			
LCS (6L27004-BS1)				Prepared o	& Analyze					
Gasoline Range Organics (C4-C12)	219	50	ug/l	275		80	60-115			
Benzene	3.94	0.50	II	4.85		81	45-150			
Toluene	22.9	0.50	"	23.5		97	70-115			
Ethylbenzene	4.41	0.50	и	4.70		94	65-115			
Xylenes (total)	25.4	0.50	II	26.5		96	70-115			
Surrogate: a,a,a-Trifluorotoluene	45.4		n	40.0		114	85-120			
Surrogate: 4-Bromofluorobenzene	43.7		n	40.0		109	75-125			
Matrix Spike (6L27004-MS1)		rce: MPL05	97-01	Prepared &	& Analyze	d: 12/27/0)6			
Gasoline Range Organics (C4-C12)	222	50	ug/l	275	ND	81	60-115			
Benzene	3.57	0.50	11	4.85	ND	74	45-150			
Toluene	21.0	0.50	п	23.5	ND	89	70-115			
Ethylbenzene	4.01	0.50	n	4.70	ND	85	65-115			
Xylenes (total)	23.2	0.50	11	26.5	ND	88	70-115			
Surrogate: a,a,a-Trifluorotoluene	44.0		"	40.0		110	85-120			
Surrogate: 4-Bromofluorobenzene	40.8		"	40.0		102	<i>75-125</i>			





Environmental Resolutions (Exxon) 601 North McDowell Blvd.

Petaluma CA, 94954

Project: Exxon 7-0238
Project Number: 7-0238

MPL0589 Reported: 01/05/07 17:11

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control TestAmerica - Morgan Hill, CA

Project Manager: Paula Sime

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6L27004 - EPA 5030B [P/T]										
Matrix Spike Dup (6L27004-MSD1)	Sour	ce: MPL05	97-01	Prepared of	& Analyze	ed: 12/27/	06			
Gasoline Range Organics (C4-C12)	219	50	ug/l	275	ND	80	60-115	1	20	
Benzene	3.56	0.50	17	4,85	ND	73	45-150	0.3	25	
Toluene	20.6	0.50	**	23.5	ND	88	70-115	2	20	
Ethylbenzene	4.01	0.50	**	4.70	ND	85	65-115	0	25	
Xylenes (total)	22.9	0.50	II	26.5	ND	86	70-115	1	25	
Surrogate: a,a,a-Trifluorotoluene	44.7		"	40.0		112	85-120			
Surrogate: 4-Bromofluorobenzene	40.4		11	40.0		101	75-125			





Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954 Project: Exxon 7-0238
Project Number: 7-0238
Project Manager: Paula Sime

MPL0589 Reported: 01/05/07 17:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6L27002 - EPA 5030B P/T										
Blank (6L27002-BLK1)				Prepared a	& Analyze	ed: 12/27/	06		111 111	
tert-Amyl methyl ether	ND	0.30	ug/l							
tert-Butyl alcohol	ND	10	ti .							
Di-isopropyl ether	ND	0.25	"							
1,2-Dibromoethane (EDB)	ND	0.25	"							
1,2-Dichloroethane	ND	0.25	II							
Ethanol	ND	50								
Ethyl tert-butyl ether	ND	0.40	11							
Methyl tert-butyl ether	ND	0.31	ш							
Surrogate: 1,2-Dichloroethane-d4	2.86		"	2.50		114	60-145			
Surrogate: 4-Bromofluorobenzene	2.57		"	2.50		103	60-120			
Surrogate: Dibromofluoromethane	2.58		11	2.50		103	75-130			
Surrogate: Toluene-d8	2.50		"	2.50		100	70-130			
LCS (6L27002-BS1)				Prepared &	& Analyze	d: 12/27/0	06			
tert-Amyl methyl ether	11.6	0.50	ug/l	10.0		116	65-135			
tert-Butyl alcohol	193	20	If	200		96	60-135			
Di-isopropyl ether	10.8	0.50	11	10.0		108	70-130			
1,2-Dibromoethane (EDB)	11.7	0.50	11	10.0		117	80-125			
1,2-Dichloroethane	12.4	0.50	n	10.0		124	75-125			
Ethanol	218	100	**	200		109	15-150			
Ethyl tert-butyl ether	11.6	0.50	**	10.0		116	65-130			
Methyl tert-butyl ether	11.9	0.50	; w	10.0		119	50-140			
Surrogate: 1,2-Dichloroethane-d4	2.83		"	2.50		113	60-145			
Surrogate: 4-Bromofluorobenzene	2.51		"	2.50		100	60-120			
Surrogate: Dibromofluoromethane	2.65		"	2.50		106	75-130			
Surrogate: Toluene-d8	2.58		"	2.50		103	70-130			
Matrix Spike (6L27002-MS1)	Sou	rce: MPL05'	72-01	Prepared &	k Analyze	d: 12/27/0	06			
tert-Amyl methyl ether	11.9	0.50	ug/l	10.0	ND	119	65-135			
tert-Butyl alcohol	206	20	н	200	ND	103	60-135			
Di-isopropyl ether	11.4	0.50	13902	10.0	ND	114	70-130			
1,2-Dibromoethane (EDB)	12.0	0.50	*	10.0	ND	120	80-125			

TestAmerica - Morgan Hill, CA

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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954 Project: Exxon 7-0238
Project Number: 7-0238
Project Manager: Paula Sime

MPL0589 Reported: 01/05/07 17:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6L27002 - EPA 5030B P/T										
Matrix Spike (6L27002-MS1)	So	urce: MPL05	572-01	Prepared	& Analyze	ed: 12/27/	06			
1,2-Dichloroethane	13.3	0.50	ug/l	10.0	ND	133	75-125			M
Ethanol	331	100	и	200	ND	166	15-150			M
Ethyl tert-butyl ether	12.2	0.50	II	10.0	ND	122	65-130			
Methyl tert-butyl ether	12.0	0.50	H	10.0	ND	120	50-140			
Surrogate: 1,2-Dichloroethane-d4	2.85		"	2.50		114	60-145			
Surrogate: 4-Bromofluorobenzene	2.59		"	2.50		104	60-120			
Surrogate: Dibromofluoromethane	2.65		"	2.50		106	75-130			
Surrogate: Toluene-d8	2.59		"	2.50		104	70-130			
Matrix Spike Dup (6L27002-MSD1)		rce: MPL05		Prepared d						
ert-Amyl methyl ether	13.0	0.50	ug/l	10.0	ND	130	65-135	9	25	
ert-Butyl alcohol	221	20	11	200	ND	110	60-135	7	35	
Di-isopropyl ether	11.7	0.50	17	10.0	ND	117	70-130	3	35	
,2-Dibromoethane (EDB)	12.1	0.50	и	10.0	ND	121	80-125	0.8	15	
,2-Dichloroethane	13.6	0.50	11	10.0	ND	136	75-125	2	10	M'
Ethanol	332	100	"	200	ND	166	15-150	0.3	35	M7
Ethyl tert-butyl ether	12.5	0.50	11	10.0	ND	125	65-130	2	35	
Methyl tert-butyl ether	12.4	0.50	ш	10.0	ND	124	50-140	3	25	
Surrogate: 1,2-Dichloroethane-d4	2.83		"	2.50		113	60-145			
Gurrogate: 4-Bromofluorobenzene	2.55		"	2.50		102	60-120			
Surrogate: Dibromofluoromethane	2.74		"	2.50		110	75-130			
urrogate: Toluene-d8	2.54		"	2.50		102	70-130			
Batch 6L28009 - EPA 5030B P/T										
Blank (6L28009-BLK1)				Prepared &	Z Analyze	1: 12/28/0	6			
ert-Amyl methyl ether	ND	0.30	ug/l							
ert-Butyl alcohol	ND	10	11							
Di-isopropyl ether	ND	0.25	п							
,2-Dibromoethane (EDB)	ND	0.25	n							
,2-Dichloroethane	ND	0.25	u							
thanol	ND	50	II .							
thyl tert-butyl ether	ND	0.40	11							

TestAmerica - Morgan Hill, CA

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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954 Project: Exxon 7-0238
Project Number: 7-0238

Project Manager: Paula Sime

MPL0589 Reported: 01/05/07 17:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6L28009 - EPA 5030B P/T										
Blank (6L28009-BLK1)	-11-41			Prepared	& Analyze	ed: 12/28/	06			
Methyl tert-butyl ether	ND	0.31	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.58		"	2.50		103	60-145			
Surrogate: 4-Bromofluorobenzene	1.93		"	2.50		77	60-120			
Surrogate: Dibromofluoromethane	2.65		"	2.50		106	75-130			
Surrogate: Toluene-d8	2.42		"	2.50		97	70-130			
LCS (6L28009-BS1)				Prepared 6	& Analyze	d: 12/28/				
tert-Amyl methyl ether	10.3	0.50	ug/l	10.0		103	65-135			
tert-Butyl alcohol	221	20	11	200		110	60-135			
Di-isopropyl ether	10.3	0.50	I)	10.0		103	70-130			
1,2-Dibromoethane (EDB)	10.9	0.50	ıı	10.0		109	80-125			
1,2-Dichloroethane	10.8	0.50	**	10.0		108	75-125			
Ethanol	283	100	"	200		142	15-150			
Ethyl tert-butyl ether	10.4	0.50	u	10.0		104	65-130			
Methyl tert-butyl ether	10.3	0.50	11	10.0		103	50-140			
Surrogate: 1,2-Dichloroethane-d4	2.56		n	2.50		102	60-145			
Surrogate: 4-Bromofluorobenzene	2.57		"	2.50		103	60-120			
Surrogate: Dibromofluoromethane	2.78		n	2.50		111	75-130			
Surrogate: Toluene-d8	2.50		"	2.50		100	70-130			
Matrix Spike (6L28009-MS1)	Sou	rce: MPL06	41-13	Prepared &	& Analyze	d: 12/28/0	06			
ert-Amyl methyl ether	10.9	0.50	ug/l	10.0	ND	109	65-135			
ert-Butyl alcohol	209	20	n	200	ND	104	60-135			
Di-isopropyl ether	10.8	0.50	u	10.0	ND	108	70-130			
,2-Dibromoethane (EDB)	11.9	0.50	D	10.0	ND	119	80-125			
,2-Dichloroethane	10.8	0.50	*1	10.0	ND	108	75-125			
Ethanol	263	100	**	200	ND	132	15-150			
Ethyl tert-butyl ether	10.7	0.50	n	10.0	ND	107	65-130			
Methyl tert-butyl ether	14.9	0.50	**	10.0	3.8	111	50-140			
Surrogate: 1,2-Dichloroethane-d4	2.65		n	2.50		106	60-145			
Surrogate: 4-Bromofluorobenzene	2.41		n	2.50		96	60-120			
Surrogate: Dibromofluoromethane	2.68		"	2.50		107	75-130			
Surrogate: Toluene-d8	2.57		"	2.50		103	70-130			

TestAmerica - Morgan Hill, CA

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601 North McDowell Blvd. Petaluma CA, 94954 Project: Exxon 7-0238

Project Number: 7-0238
Project Manager: Paula Sime

MPL0589 Reported: 01/05/07 17:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6L28009 - EPA 5030B P/T									_	
Matrix Spike Dup (6L28009-MSD1)	Soui	rce: MPL06	41-13	Prepared:	12/28/06	Analyzed:	12/29/06			
tert-Amyl methyl ether	10.4	0.50	ug/l	10.0	ND	104	65-135	5	25	
tert-Butyl alcohol	213	20	11	200	ND	106	60-135	2	35	
Di-isopropyl ether	10.5	0,50	11	10.0	ND	105	70-130	3	35	
1,2-Dibromoethane (EDB)	11.2	0,50	II	10.0	ND	112	80-125	6	15	
1,2-Dichloroethane	10.4	0.50	†1	10.0	ND	104	75-125	4	10	
Ethanol	222	100	11	200	ND	111	15-150	17	35	
Ethyl tert-butyl ether	10.3	0.50	п	10.0	ND	103	65-130	4	35	
Methyl tert-butyl ether	14.6	0.50	#1	10.0	3.8	108	50-140	2	25	
Surrogate: 1,2-Dichloroethane-d4	2.63	1000000	"	2.50		105	60-145			
Surrogate: 4-Bromofluorobenzene	2.52		"	2.50		101	60-120			
Surrogate: Dibromofluoromethane	2.55		"	2.50		102	75-130			
Surrogate: Toluene-d8	2.65		"	2.50		106	70-130			





Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954 Project: Exxon 7-0238
Project Number: 7-0238
Project Manager: Paula Sime

MPL0589 Reported: 01/05/07 17:11

Notes and Definitions

QP Hydrocarbon result partly due to individual peak(s) in quantitation range.

M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).

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

Test/America	Co	nsultant Name			ons, Inc.			Exxor	Mobi	l Eng	ineer	Jeni	nifer	Sedi	ache	k				
INCORPORATE	0		601 N. McD				_	Telephone Number (510) 547-8196												
408-776-9600		City/State/Zip	: Petaluma, C	California 94	1954		_	Account #: 10228								48-1-5				
Morgan Hill Division	P	roject Manage	er Paula Sime				5	PO#:								-				
885 Jarvis Drive	Tele	phone Number	r: <u>(707)</u> 766-20	000			5		F	acility			38							
Morgan Hill, CA 95037	EI	RI Job Number	r: 229313X	THE STATE OF THE S	(0)		•			Globa				242		-77		-		
ExonMobil.		er Name: (Print					•							_	Street					
Lab Courie		pler Signature					31 20			, State										
		P.332 C. Contract					•							ouiiio.	ina					
TAT	PROVIDE:	Special Instr		NDC =444					Matrix	×.					Ana	alyze I	For			
24 hour 72 hour	EDF Report	I CA OXYS. IV	ITBE, ETBE, C	JIPE, ∤AME	, TBA, 1,2	DCA, EDB								m		.,	Г	T	Т	\top
48 hour 96 hour											38	18	8	260	10B					
☑8 day		MPLO	1889								8015B	302	8260B	ys 8	826		1 1		1	1
Sample ID / Descript	ion	DATE	TIME	COMP	GRAB	PRESERV	Maroso	Water	Soil	Vapor	TPHg 8	BTEX 8021B	MTBE	7 CA Oxys 8260B	Ethanol 8260B					
QCBB	۵ 0l	12-15-06	1415		Ortio	HCI	NUMBER			2				100	Ш		\vdash		+	+
MW9A	02		140104			HCI	2 VOAs	X			Н	0	<u>_L</u>	D			\vdash	+	+	+
MW9B	° 03		1405			HCI	6 VOAs	X			Х	Х	Х	Х	Х		-1	-	+	+
MW9C	· 04		1345		1000	HCI	6 VOAs	X			X	X	X	Х		-	\dashv	+	+	+
MW9D	005		1330			HCI		X			X	X	X	Х	-1	\dashv	\dashv		+	+
MW9F	, DL		1206			HCI	6 VOAs	X		\dashv	X	X	Х	Х	-	\dashv	\dashv	-	+	+
MW9G	· 77		1140			HCI	6 VOAs	X			X	X	Х	X	\dashv	\dashv	\dashv	\dashv	+	+
MW9H	4 08		1235			HCI	6 VOAs	X			X	X	Х	Х	\dashv	\dashv	\dashv	\dashv	+	+
MW9I	, 69	سل	1310			HCI	6 VOAs	X			X	X	X	Х	200	\dashv	\dashv	+	+	+
						1101	OVOAS	 ^	\vdash	\dashv	Х	Х	Х	Х	X	\dashv	-	+	+	+
5	- Contract			3	-						\dashv	-	-		-	-	4	+	\perp	+
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Relinquished by: Shown Baker	Date /Z-	15.06	Time /7	700	Poonicad L	de se	Erwice					_								
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//			:	. 9		13:	0	14	18/	06	12:	49	1	Temp	eratu	e Up	on Re	ceipt:	3.	1,0
ished by: Aus M	Date 12-	18-06	Time 18	50	Received by	y TestAmerica	Don 1	11	da .	Ti	105	7)					ers inta		γ	
		*******			Juditou D	, soo allelica		7	U	Time	(0))		VOAs	Free	of He	eadspa	ace?	Y	

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: FREC. BY (PRINT) WORKORDER: MPL0589		DATE REC'D AT LAB: TIME REC'D AT LAB: DATE LOGGED IN:	15/10/00				For Regulatory Purposes? DRINKING WATER YES / N WASTE WATER YES / N			
CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE#	CLIENT ID	CONTAINER DESCRIPTION		рН	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)		
Custody Seal(s) Present / Absent Intact / Broken*	<u> </u>		0				O' WIN ELD	Solization (E)Cij		
2. Chain-of-Custody Present / Absent*			Sq.		$\overline{}$.0	<i>C.</i>			
Traffic Reports or Packing List: Present / Absent	-series as a series		00							
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*		-45	12/1	8/0	0	EU	\angle	,		
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*					_					
10. Sample received within hold time? Yesy No*										
11. Adequate sample volume received? Yes/ No*										
12. Proper preservatives used? Yes / No* 13. Trip Blank / Temp Blank Received?			<u> </u>							
(circle which, if yes) Yes No 14. Read Temp:										
Corrected Temp:		<u> </u>								
Is corrected temp 4 +/-2°C? Yes/ No** (Acceptance range for samples requiring thermal pres.)										
Exception (if any): METALS / DFF ON ICE Problem COC		/ '								

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

`~\on 8

7 (07/19/05)

Page _______o(____





November 28, 2006

Client:

ERI Petaluma (10228)

601 North McDowell Blvd

Petaluma, CA 94954

Attn:

Paula Sime

Work Order:

NPK1995

Project Name:

Exxon(06) 7-0238 PO:4507207187

Project Nbr:

2293 11X 4507207187

P/O Nbr: Date Received:

11/15/06

SAMPLE IDENTIFICATION

LAB NUMBER

COLLECTION DATE AND TIME

A-EFF

NPK1995-01

11/10/06 11:00

A-INF

NPK1995-02

11/10/06 11:30

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. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

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California Certification Number: 01168CA

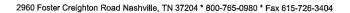
The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

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

Report Approved By:

Leah R. Klingensmith

Senior Project Management





601 North McDowell Blvd.

Petaluma, CA 94954

Attn Paula Sime

Work Order:

NPK1995

Project Name:

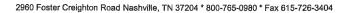
Exxon(06) 7-0238 PO:4507207187

Project Number: Received: 2293 11X

d: 11/15/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPK1995-01 (A-l	EFF - Air) Sampled:	11/10/06 11:00					
BTEX in Air by GC/PID							
Methyl tert-Butyl Ether	ND	mg/m3	0.500	1	11/16/06 21:07	EPA 18M	6113594
Benzene	ND	mg/m3	0.500	1	11/16/06 21:07	EPA 18M	6113594
Toluene	ND	mg/m3	0.500	1	11/16/06 21:07	EPA 18M	6113594
Ethylbenzene	ND	mg/m3	0.500	1	11/16/06 21:07	EPA 18M	6113594
Xylenes, total	ND	mg/m3	1.50	1	11/16/06 21:07	EPA 18M	6113594
>C4 - C10 Hydrocarbons	ND	mg/m3	50.0	1	11/16/06 21:07	EPA 18M	6113594
Sample ID: NPK1995-02 (A-I	NF - Air) Sampled:	11/10/06 11:30					
BTEX in Air by GC/PID							
Methyl tert-Butyl Ether	0.890	mg/m3	0.500	1	11/16/06 21:37	EPA 18M	6113594
Benzene	ND	mg/m3	0.500	1	11/16/06 21:37	EPA 18M	6113594
Toluene	ND	mg/m3	0.500	1	11/16/06 21:37	EPA 18M	6113594
Ethylbenzene	ND	mg/m3	0.500	1	11/16/06 21:37	EPA 18M	6113594
Xylenes, total	ND	mg/m3	1.50	1	11/16/06 21:37	EPA 18M	6113594
>C4 - C10 Hydrocarbons	ND	mg/m3	50.0	1	11/16/06 21:37	EPA 18M	6113594





601 North McDowell Blvd.

Petaluma, CA 94954

Attn Paula Sime

Work Order:

NPK1995

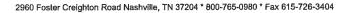
Project Name:

Exxon(06) 7-0238 PO:4507207187

Project Number: Received: 2293 11X 11/15/06 08:00

PROJECT QUALITY CONTROL DATA Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
BTEX in Air by GC/PID						
6113594-BLK1						
Methyl tert-Butyl Ether	<0.210		mg/m3	6113594	6113594-BLK1	11/16/06 20:37
Benzene	< 0.270		mg/m3	6113594	6113594-BLK1	11/16/06 20:37
Toluene	< 0.190		mg/m3	6113594	6113594-BLK1	11/16/06 20:37
Ethylbenzene	< 0.190		mg/m3	6113594	6113594-BLK1	11/16/06 20:37
Xylenes, total	< 0.500		mg/m3	6113594	6113594-BLK1	11/16/06 20:37
>C4 - C10 Hydrocarbons	<1.85		mg/m3	6113594	6113594-BLK1	11/16/06 20:37
>C4 - C10 Hydrocarbons	<1.85		mg/m3	6113594	6113594-BLK1	11/16/06 20:37





601 North McDowell Blvd.

Petaluma, CA 94954

Attn Paula Sime

Work Order:

NPK1995

Project Name:

Exxon(06) 7-0238 PO:4507207187

Project Number:

2293 11X

Received: 11/15/06 08:00

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
BTEX in Air by GC/PID								
6113594-BS1 Methyl tert-Butyl Ether	18.0	18.9		mg/m3	105%	70 - 130	6113594	11/17/06 07:04
Benzene	16.0	16.3		mg/m3	102%	70 - 130	6113594	11/17/06 07:04
Toluene	19.0	18.8		mg/m3	99%	70 - 130	6113594	11/17/06 07:04
Ethylbenzene	22.0	20.4		mg/m3	93%	70 - 130	6113594	11/17/06 07:04
Xylenes, total	65.5	68.6		mg/m3	105%	70 - 130	6113594	11/17/06 07:04
>C4 - C10 Hydrocarbons	226	201		mg/m3	89%	70 - 130	6113594	11/17/06 07:04



Air

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client ERI Petaluma (10228)

601 North McDowell Blvd.

Petaluma, CA 94954

Paula Sime Attn

NA

Work Order:

NPK1995

Project Name:

Exxon(06) 7-0238 PO:4507207187

Project Number: Received:

2293 11X

11/15/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California	
EPA 18M	Air				



2960 Foster Creighlon Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

ERI Petaluma (10228) Client

601 North McDowell Blvd.

Petaluma, CA 94954

Paula Sime Attn

Work Order:

NPK1995

Project Name:

Exxon(06) 7-0238 PO:4507207187

Project Number:

2293 11X

Received:

11/15/06 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method

EPA 18M

Matrix

Air

Analyte

>C4 - C10 Hydrocarbons

Benzene

Ethylbenzene

Methyl tert-Butyl Ether

Toluene Xylenes, total



Nashville Division COOLER RECEIPT FORM

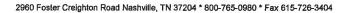




NPK1995

Cooler Received/Opened On: 11/15/06@8:00 1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below	5801
Temperature of representative sample or temperature blank when opened:D (indicate IR Gun ID#)	egrees Celsius
93171982	0
3. Were custody seals on outside of cooler?	YESNO]NA
a. If yes, how many and where:	_ ~
4. Were the seals intact, signed, and dated correctly?	
5. Were custody papers inside cooler?	VES NONA
I certify that I opened the cooler and answered questions 1-5 (intial)	
6. Were custody seals on containers: YES NO and Intact	YES NO (NA)
were these signed, and dated correctly?	YESNONA
7. What kind of packing material used? Bubblewrap Peanuts Vermi	culite Foam Insert
Plastic bag Paper Other	None
8. Cooling process: Ice Ice-pack Ice (direct contact) Dry i	ce Other None
9. Did all containers arrive in good condition (unbroken)?	YES. NONA
10. Were all container labels complete (#, date, signed, pres., etc)?	
11. Did all container labels and tags agree with custody papers?	
12. a. Were VOA vials received?	/ /
b. Was there any observable head space present in any VOA vial?	Z N
	, ,
I certify that I unloaded the cooler and answered questions 6-12 (intial)	
13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct	,
b. Did the bottle labels indicate that the correct preservatives were used	YESNOZ.NA
If preservation in-house was needed, record standard ID of preservative used here	
14. Was residual chlorine present?	1.1
I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)	
15. Were custody papers properly filled out (ink, signed, etc)?	YESNONA
16. Did you sign the custody papers in the appropriate place?	VES/NONA
17. Were correct containers used for the analysis requested?	YESNONA
18. Was sufficient amount of sample sent in each container?	YES NONA
I certify that I entered this project into LIMS and answered questions 15-18 (intial)	<u></u>
I certify that I attached a label with the unique LIMS number to each container (intial)	/A 3
	YES NO #

Test/America	Con	sultant Name:					_ E					Jennife			achek			_	
INCORPORATES	-		601 North M					Tele				510) 54			_			-	
(615) 726-0177		City/State/Zip:		alifornia 94	954		(Account #:						-					
Morgan Hill Division		oject Manager					5	PO #: 4507207187											
885 Jarvis Drive			mber: (707) 766-2000 Facility ID # 7-0238						_										
Morgan Hill, CA 95037			umber: 2293 11X (monthly) Global ID# T0600101343																
ExonMobil	Sample	r Name: (Print)	site Add sinature: Jon 1 Lemma City, State																
LXONINGSI	Sam	oler Signature:	Jon	Ion Hemm			City, State Zip				Oaklan	d, Calif	fornia	E		-			
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☐ 48 hour ☐ 96 hour						20						1		1					
☑ 8 day											18			-					
E o day	L							Water	Soil	Vapor	EPA 1	1		-					
Sample ID / Descrip	tion	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Š	S	s S	Ü			-		\vdash	+	+	_
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TestAmerica

ANALYTICAL TESTING CORPORATION

December 12, 2006

1:24:43PM

Client:

ERI Petaluma (10228)

601 North McDowell Blvd.

Petaluma, CA 94954

Attn:

Paula Sime

PERENTE S

Work Order:

NPL1078

Project Name:

Exxon(06) 7-0238 PO:4507207187

Project Nbr:

2293 11X

P/O Nbr: Date Received: 4507207187 12/08/06

SAMPLE IDENTIFICATION

LAB NUMBER

COLLECTION DATE AND TIME

A-EFF

NPL1078-01

12/06/06 13:00

A-INF

NPL1078-02

12/06/06 13:30

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. 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.

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California Certification Number: 01168CA

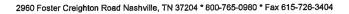
The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

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

Report Approved By:

Leah R. Klingensmith

Senior Project Management





601 North McDowell Blvd.

Petaluma, CA 94954

Attn Paula Sime

Work Order:

NPL1078

Project Name:

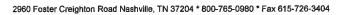
Exxon(06) 7-0238 PO:4507207187

Project Number: Received: 2293 11X

12/08/06 09:30

ANALYTICAL REPORT

Analyte	Result	Flag U	nits MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1078-01 (A-F	EFF - Air) Sampled	: 12/06/06 13:00					
BTEX in Air by GC/PID							
Methyl tert-Butyl Ether	ND	mg/	n3 0.500	1	12/08/06 17:22	EPA 18M	6121433
Benzene	ND	mg/i	n3 0.500	1	12/08/06 17:22	EPA 18M	6121433
Toluene	ND	mg/I	n3 0.500	1	12/08/06 17:22	EPA 18M	6121433
Ethylbenzene	ND	mg/ı	n3 0.500	1	12/08/06 17:22	EPA 18M	6121433
Xylenes, total	ND	mg/i	n3 1.50	1	12/08/06 17:22	EPA 18M	6121433
>C4 - C10 Hydrocarbons	ND	mg/i	13 50.0	1	12/08/06 17:22	EPA 18M	6121433
Sample ID: NPL1078-02 (A-II	NF - Air) Sampled:	12/06/06 13:30					
BTEX in Air by GC/PID							
Methyl tert-Butyl Ether	ND	mg/r	0.500	1	12/08/06 17:52	EPA 18M	6121433
Benzene	ND	mg/r	0.500	1	12/08/06 17:52	EPA 18M	6121433
Toluene	ND	mg/r	0.500	1	12/08/06 17:52	EPA 18M	6121433
Ethylbenzene	ND	mg/r	0.500	1	12/08/06 17:52	EPA 18M	6121433
Xylenes, total	ND	mg/r	1.50	1	12/08/06 17:52	EPA 18M	6121433
>C4 - C10 Hydrocarbons	ND	mg/n	13 50.0	1	12/08/06 17:52	EPA 18M	6121433





601 North McDowell Blvd.

Petaluma, CA 94954

Attn Paula Sime

Work Order:

NPL1078

Project Name:

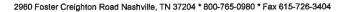
Exxon(06) 7-0238 PO:4507207187

Project Number: Received: 2293 11X

d: 12/08/06 09:30

PROJECT QUALITY CONTROL DATA Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
BTEX in Air by GC/PID						
6121433-BLK1						
Methyl tert-Butyl Ether	<0.230		mg/m3	6121433	6121433-BLK1	12/08/06 14:22
Benzene	< 0.270		mg/m3	6121433	6121433-BLK1	12/08/06 14:22
Toluene	< 0.390		mg/m3	6121433	6121433-BLK1	12/08/06 14:22
Ethylbenzene	<0.220		mg/m3	6121433	6121433-BLK1	12/08/06 14:22
Xylenes, total	<1.19		mg/m3	6121433	6121433-BLK1	12/08/06 14:22
>C4 - C10 Hydrocarbons	<12.0		mg/m3	6121433	6121433-BLK1	12/08/06 14:22
>C4 - C10 Hydrocarbons	<12.0		mg/m3	6121433	6121433-BLK1	12/08/06 14:22





601 North McDowell Blvd.

Petaluma, CA 94954

Attn Paula Sime

Work Order:

NPL1078

Project Name:

Exxon(06) 7-0238 PO:4507207187

Project Number: Received: 2293 11X 12/08/06 09:30

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
						* * * * * * * * * * *		
BTEX in Air by GC/PID								
6121433-BS1								
Methyl tert-Butyl Ether	18.0	18.0		mg/m3	100%	70 - 130	6121433	12/09/06 10:45
Benzene	16.0	16.0		mg/m3	100%	70 - 130	6121433	12/09/06 10:45
Toluene	19,0	18.2		mg/m3	96%	70 - 130	6121433	12/09/06 10:45
Ethylbenzene	22.0	20.2		mg/m3	92%	70 - 130	6121433	12/09/06 10:45
Xylenes, total	65.5	62.9		mg/m3	96%	70 - 130	6121433	12/09/06 10:45
>C4 - C10 Hydrocarbons	226	225		mg/m3	100%	70 - 130	6121433	12/09/06 10:45



Air

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client ERI Petaluma (10228)

601 North McDowell Blvd.

Petaluma, CA 94954

Attn Paula Sime

NA

Work Order:

NPL1078

Project Name:

Exxon(06) 7-0238 PO:4507207187

Project Number: Received: 2293 11X 12/08/06 09:30

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California	
EPA 18M	Air				



2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client ERI Petaluma (10228)

601 North McDowell Blvd.

Petaluma, CA 94954

Attn Paula Sime

Work Order:

NPL1078

Project Name:

Exxon(06) 7-0238 PO:4507207187

Project Number: Received: 2293 11X 12/08/06 09:30

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method EPA 18M <u>Matrix</u> Air

Analyte

>C4 - C10 Hydrocarbons

Benzene Ethylbenzene

Methyl tert-Butyl Ether

Toluene

Xylenes, total



BC#



NPL1078

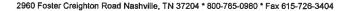
Cooler Received/Opened On_12/08/2006 @ 0930	2 978 (5W) 13
UPS	4670
2. Temperature of representative sample or temperature blank when opened: 20.1 De (indicate IR Gun ID#)	31 grees Celsius
Raynger ST	
3. Were custody seals on outside of cooler?	VEN NO NA
a. If yes, how many and where:	
4. Were the seals intact, signed, and dated correctly?	YESNONA
5. Were custody papers inside cooler?	
1 certify that I opened the cooler and answered questions 1-5 (intial)	Phs
6. Were custody seals on containers: YES (S) and Intact	YES NO NA
were these signed, and dated correctly?	YESNONA
7. What kind of packing material used? Bubblewrap Peanuts Vermiculite	Foam Insert
	one)
8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice	
9. Did all containers arrive in good condition (unbroken)?	Other None
10. Were all container labels complete (#, date, signed, pres., etc)?	VESNONA
11. Did all container labels and tags agree with custody papers?	ESNONA
12. a. Were VOA vials received?	ÉNONA
	YES100NA
b. Was there any observable head space present in any VOA vial?	YESNO10
I certify that I unloaded the cooler and answered questions 6-12 (intial)	
13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level	0
b. Did the bottle labels indicate that the correct preservatives were used	YESNOMA
If presdryation in-house was needed, record standard ID of preservative used here	I TVANICATION AND
14. Was residual chlorine present?	YESNO (9)
1 certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)	
15. Were custody papers properly filled out (ink, signed, etc)?	YESNONA
16. Did you sign the custody papers in the appropriate place?	YZSNONA
17. Were correct containers used for the analysis requested?	VESNONA
18. Was sufficient amount of sample sent in each container?	ESNONA
I certify that I entered this project into LIMS and answered questions 15-18 (intial)	JR
I certify that I attached a label with the unique LIMS number to each container (intial)	3L
	NO #
BIS = Broken in shipment Cooler Receipt Form	Paying 2/0/06

Test/America) c	onsultant Name	: Environme	ntal Resolu	tions, Inc.			Exxo	nMob	II Enc	inee	r Jenn	ifer (. 50	edlache	ok.	_			-
INCORPORATE	E D	Address	601 North	McDowell B	Blvd.		=:					(510)			diacrie	J.K.			-	-
(615) 726-0177		City/State/Zip	Petaluma,	California 9	94954		_			Acco			041-0	190						-
Morgan Hill Division	,	Project Manage	r Paula Sime	9 ~			- 0.		•				20740	7						_
885 Jarvis Drive	Tele	phone Number	: (707) 766-2	2000			-		_			45072						_		_
Morgan Hill, CA 95037	E	RI Job Number	- 2293 11¥	monthly			=:					7-02								_
ExonMobil.	Sampl	ler Name: (Print		14	/00 ft \$		=0					T0600								
-Xoundohii	San	pler Signature	Lak	11-	an an		-)					2200								
			- Ann	Mass.	man		= //		Clty	, Stat	e Zip	Oakla	nd, C	aliforr	nia					
TAT	PROVIDE:	Special Instru	uctions:					_		_	_									
☐ 24 hour ☐ 72 hour	EDF Report	1			NPL1	078		_	Matri	x					Analyz	e For:				
☐ 48 hour ☐ 96 hour	LDF Report	* Include MTB	E		12/22/06															
	}					20.09									1	1				
☑ 8 day											18*				1	İ				
Sample ID / Descript	tion	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Water	Soil	Vapor	EPA 1									
A-EFF		12/6/06	1360		х		CONTRACT	>							├─	+	_	\vdash		_
A-INF		10/6/	1231	 		NA	1L Tedlar		-	Х	X	NET	101			_				
			132		X	NA	1L Tedlar			Χ	Х			2	ł					
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rule Ng. (114)	12/0/06	1300				///	اسلاما		0 1.				l .		perature				ø I	
elinquished by: 0	Date		Time		Received by	1 get America	12/8/0	96	4	SO Time	20	100			ple Con					
														VUAS	s Free c	it Hear	uspac	e/Y		

TEST AMERICA SAMPLE RECEIPT LOG

	7-0238		AMERICA SAMPL	LICLIF	TO STREET STREET	000000000000000000000000000000000000000	Comment of the Comment	THE PARTY OF THE P	
CLIENT NAME:			DATE REC'D AT LAB:	12/8/8				For Regula	tory Purposes?
REC. BY (PRINT)	03havi		TIME REC'D AT LAB:	10:15					WATER YES / NO
WORKORDER:			DATE LOGGED IN:					WASTE W	
									123/10
CIRCLE THE APPROP	RIATE RESPONSE	LAB	Contract Contract Contract Contract	CONTAINER	PRESER		SAMPLE	DATE	
		SAMPLE#	CLIENT ID	DESCRIPTION		pН		DATE SAMPLED	REMARKS: CONDITION (ETC.)
	Present / Absent						MATRIX	SAMPLED	CONDITION (ETC.)
	Intact_/ Broken*								
	Present / Absent*								
Traffic Reports or									
	Present / Absent								
	Airbill / Sticker					-			/
	Present / Absent								
5. Airbill #:	\bigcirc								
	Present / Absent				,				
1	Disted / Not Listed								
	on Chain-of-Custody	==!							
	fintact / Broken* /					-			
	Leaking*			<i>b</i>					
9. Does information on cl	nain-of-custody,		10/01	2					
traffic reports and sam	1 1		1 /5/						
agree?	Yes / No*		Man's						
10. Sample received within	Δ	_	(Kne.)						
hold time?	Yes / No*			*					
11. Adequate sample volume									
received?	(Yes / No*								
12. Proper preservatives use	ed? Yes / No*								
13. Trip Blank / Temp Blank	/ \								
(circle which, if yes)									
14. Read Temp:	(9.1			***					
Corrected Temp:	20.		,					·	
Is corrected temp 4 +/-29	°C? Yes / No**		/						
(Acceptance range for samples requir	ing thermal pres.)								
**Exception (if any): METAL	S / DFF ON ICE [
or Problem COC	TV	4							

SRL Revision 8 Replaces Rev 7 (07/19/05) *IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.





January 15, 2007

2:55:56PM

Client:

ERI Petaluma (10228)

601 North McDowell Blvd.

Petaluma, CA 94954

Attn:

Paula Sime

Work Order:

NQA0759 Exxon 7-0

Project Name: Project Nbr: Exxon 7-0238 2293 11X

P/O Nbr: Date Received: 4507207187 01/10/07 JAN 1 0 2007

SAMPLE IDENTIFICATION

LAB NUMBER

COLLECTION DATE AND TIME

A-EFF A-INF NQA0759-01

NQA0759-01

01/05/07 08:00 01/05/07 08:30

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. 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.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

California Certification Number: 01168CA

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

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

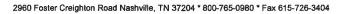
Estimated uncertainity is available upon request.

This report has been electronically signed.

Report Approved By:

Leah R. Klingensmith

Senior Project Management





Client ERI Petaluma (10228)

601 North McDowell Blvd.

Petaluma, CA 94954

Attn Paula Sime

Work Order:

NQA0759

Project Name:

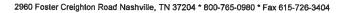
Exxon 7-0238

Project Number: Received: 2293 11X

01/10/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA0759-01 (A	-EFF - Air) Sampled	: 01/05/07	08:00					
BTEX in Air by GC/PID								
Methyl tert-Butyl Ether	ND		mg/m3	0.500	1	01/11/07 20:01	EPA 18M	7011660
Benzene	ND		mg/m3	0.500	1	01/11/07 20:01	EPA 18M	7011660
Toluene	ND		mg/m3	0.500	1	01/11/07 20:01	EPA 18M	7011660
Ethylbenzene	ND		mg/m3	0.500	1	01/11/07 20:01	EPA 18M	7011660
Xylenes, total	ND		mg/m3	1.50	1	01/11/07 20:01	EPA 18M	7011660
>C4 - C10 Hydrocarbons	ND		mg/m3	50.0	1	01/11/07 20:01	EPA 18M	7011660
Sample ID: NQA0759-02 (A-	-INF - Air) Sampled:	01/05/07 0	8:30					
BTEX in Air by GC/PID								
Methyl tert-Butyl Ether	ND		mg/m3	0.500	1	01/11/07 20:31	EPA 18M	7011660
Benzene	ND		mg/m3	0.500	1	01/11/07 20:31	EPA 18M	7011660
Toluene	ND		mg/m3	0.500	1	01/11/07 20:31	EPA 18M	7011660
Ethylbenzene	ND		mg/m3	0.500	1	01/11/07 20:31	EPA 18M	7011660
Xylenes, total	ND		mg/m3	1.50	1	01/11/07 20:31	EPA 18M	7011660
>C4 - C10 Hydrocarbons	ND		mg/m3	50.0	1	01/11/07 20:31	EPA 18M	7011660





Client ERI Petaluma (10228)

601 North McDowell Blvd.

Petaluma, CA 94954

Attn Paula Sime

Work Order:

NQA0759

Project Name:

Exxon 7-0238 2293 11X

Project Number: Received:

01/10/07 07:50

PROJECT QUALITY CONTROL DATA Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
BTEX in Air by GC/PID			*********			
7011660-BLK1						
Methyl tert-Butyl Ether	< 0.230		mg/m3	7011660	7011660-BLK1	01/11/07 15:28
Benzene	< 0.270		mg/m3	7011660	7011660-BLK1	01/11/07 15:28
Toluene	< 0.390		mg/m3	7011660	7011660-BLK1	01/11/07 15:28
Ethylbenzene	<0.220		mg/m3	7011660	7011660-BLK1	01/11/07 15:28
Xylenes, total	<1.19		mg/m3	7011660	7011660-BLK1	01/11/07 15:28
>C4 - C10 Hydrocarbons	<12.0		mg/m3	7011660	7011660-BLK1	01/11/07 15:28





Client ERI Petaluma (10228)

601 North McDowell Blvd.

Petaluma, CA 94954

Attn Paula Sime

Work Order:

NQA0759

Project Name:

Exxon 7-0238

Project Number: Received: 2293 11X 01/10/07 07:50

PROJECT QUALITY CONTROL DATA

LCS

						Target		Analyzed
Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Range	Batch	Date/Time
BTEX in Air by GC/PID			0.0101018.33.43.53					
7011660-BS1								
Methyl tert-Butyl Ether	18,0	19.3		mg/m3	107%	70 - 130	7011660	01/12/07 02:03
Benzene	16.0	16.8		mg/m3	105%	70 - 130	7011660	01/12/07 02:03
Toluene	19.0	19.4		mg/m3	102%	70 - 130	7011660	01/12/07 02:03
Ethylbenzene	22.0	20.2		mg/m3	92%	70 - 130	7011660	01/12/07 02:03
Xylenes, total	65,5	64.6		mg/m3	99%	70 - 130	7011660	01/12/07 02:03
>C4 - C10 Hydrocarbons	226	206		mg/m3	91%	70 - 130	7011660	01/12/07 02:03



2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client ERI Petaluma (10228)

601 North McDowell Blvd.

Petaluma, CA 94954

Attn Paula Sime

Work Order:

NQA0759

Project Name:

Exxon 7-0238

Project Number: Received: 2293 11X 01/10/07 07:50

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California	
EPA 18M	Air				
NA	Air				



2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client ERI Petaluma (10228)

601 North McDowell Blvd.

Petaluma, CA 94954

Attn Paula Sime

Work Order:

NQA0759

Project Name:

Exxon 7-0238 2293 11X

Project Number: Received:

01/10/07 07:50

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method EPA 18M Matrix Air **Analyte**

>C4 - C10 Hydrocarbons

Benzene Ethylbenzene

Methyl tert-Butyl Ether

Toluene Xylenes, total



Nashville Division COOLER RECEIPT FORM



NQA0759

	oler Received/Ope adicate the Airbill Trac		0/07 0750 digits for Fedex only) and Name of Co	urier below:	7886	2
	Fed-Ex UPS	Velocit	y DHL	Route	Off-street	Mis	c.
			mperature blank whe	en opened:	J/ Deg	rees Cels	sius
NA	A00466	A00750	A01124	101282	Raynger ST		90943149
3. V						YES	JNA
4. V						VFS NO	(NA
			- 1/2/2/2010 (1/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2		000000000000000000000000000000000000000	\sim	
						(1)	
6. W	ere custody seals on co	ontainers:	YES (NO	ап	d Intact	YES NO	MA
	were these signed	, and dated correct	ly?	•••••	••••	YESNO.	.AA
7. V	Vhat kind of packing	g material used?	Bubblewrap	Peanuts	Vermiculite	Foam	Insert
	Plasti	c bag Pape	Other			ne	
8. (Cooling process:	Ice Ice	pack Ice (di	rect contact)	Dry ice	Other	None
9. Di	d all containers arrive	in good condition (unbroken)?			YESNO.	NA
10. V	Vere all container labe	ls complete (#, date	signed, pres., etc)?			YESNO	NA
11. D	oid all container labels	and tags agree with	custody papers?	••••••	•••••	¥₽sno	NA
12. a	. Were VOA vials rec	eived?	***************************************	******************	••••••	YESIO.	NA
b	. Was there any obser	vable head space p	resent in any VOA via	1?	**************************************	YESNO	%
I certi	fy that I unloaded the	cooler and answere	d questions 6-12 (intia)	D		3/	2
13. a.	On preserved bottles	did the pH test stri	ps suggest that preserv	vation reached the	correct pH level	YESNO	
b.	Did the bottle labels i	ndicate that the co	rect preservatives wei	re used	*******	YESNO	·M3
	If preservation in-	house was needed,	record standard ID of	preservative used	here		_
14. W	as residual chlorine p	resent?	***************************************	•••••	****************	YESNO	
certi	y that I checked for ch	lorine and pH as p	er SOP and answered	questions 13-14 (i	ntial)	3R	
15. V	Vere custody papers pr	operly filled out (in	k, signed, etc)?			YEŜNO	.NA
16. D	Fed-Ex UPS Velocity DHL Route Off-street Misc. 2. Temperature of representative sample or temperature blank when opened: Degrees Celsius (indicate IR Gun ID#) NA A00466 A00750 A01124 101282 Raynger ST 90943149 3. Were custody seals on outside of cooler? YES NO NA a. If yes, how many and where: YES NO NA 1. Certify that I opened the cooler and answered questions I-5 (intial). YES NO NA were custody seals on containers: YES NO NA Were custody seals on containers: YES NO NA The control of the cooler and answered questions I-5 (intial). YES NO NA Were these signed, and dated correctly? YES NO NA The control of the cooler and answered questions I-5 (intial). YES NO NA The control of the cooler and answered questions I-5 (intial). YES NO NA The control of the cooler and answered questions I-5 (intial). YES NO NA The control of the cooler and answered questions I-5 (intial). YES NO NA The control of the cooler and answered questions I-5 (intial). YES NO NA The control of the cooler and answered questions I-5 (intial). YES NO NA The control of the cooler and answered questions I-5 (intial). YES NO NA The control of the cooler and answered questions I-5 (intial). YES NO NA The cooler and answered questions I-5 (intial). YES NO NA The cooler and answered questions I-5 (intial). YES NO NA The cooler and answered questions I-5 (intial). YES NO NA The cooler and answered questions I-5 (intial). YES NO NA The cooler and answered questions I-5 (intial). YES NO NA The cooler and answered questions I-5 (intial). YES NO NA The cooler and answered questions I-5 (intial). YES NO NA The cooler and answered questions I-5 (intial). YES NO NA The cooler and answered questions I-5 (intial). YES NO NA The cooler and answered questions I-5 (intial). YES NO NA The cooler and answered questions I-5 (intial). YES NO NA The cooler and answered questions I-5 (intial). YES NO NA The cooler and answered questions I-5 (intial). YES NO NA The cooler and answered questions I-5 (intial). YES NO NA The cooler and answ						
17. W	ere correct containers	used for the analys	is requested?	********************************	*************************	YESNO	NA
18. W	as sufficient amount of	f sample sent in eac	h container?	•••••••	•••••	YESNO	NA
certif	y that I entered this pr	oject into LIMS an	d answered questions	15-18 (intial)		TR	
certif	y that I attached a labe	el with the unique L	IMS number to each o	container (intial)		3/	
		ance issues at login	YES 🐼 Was a I	PIPE generated	YES	NO #	

BC#

																	_			
Test/America	Co	nsultant Name:	: Environme	ntal Resolut	ions, Inc.			xxor	Mobi	l Eng	inee	r Jenr	nifer (). Se	dlache	ek				
INCORPORATE	0		601 North I				- 8					(510)								
(615) 726-0177		City/State/Zip:	OF THE PROPERTY OF THE PROPERT		4954		-0			Accou							Fig. 64			
Morgan Hill Division		roject Manager								1	PO #:	4507	20718	7						
885 Jarvis Drive		phone Number:							F	acility	/ ID#	7-02	38							
Morgan Hill, CA 95037		RI Job Number:					_			Globa	al ID#	T060	01013	43						
ExonMobil.	Sampl	er Name: (Print)	Jon	der	mnn		_		Sit	e Ado	dress	2200	East '	2th 5	Street					
	Sam	pler Signature:	Jon	Heru	nun	<u> </u>	-		City	, Stat	e Zip	Oakla	and, C	alifon	nia					
TAT	PROVIDE:	Special Instru	ctions:							-	_									
☐ 24 hour ☐ 72 hour	EDF Report	* Include MTB		-	Matrix	Ĭ			Т	1	Analyz T	e For:			_					
☐ 48 hour ☐ 96 hour	пород	morade WTD	-	(01/24/07	23:59							1	1						
☑ 8 day																				
				T				L.		L	18*									
Sample ID / Descript	ion	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Water	Soil	Vapor	EPA									
A-EFF		1/5/06	800		×	NA	1L Tedlar			х		Na	007	ta	<u> </u>	1	\Box	\neg	\neg	
A-INF			830		х	NA	1L Tedlar					/V (3.	101	1	2	+	\vdash	\dashv	\dashv	
				-	_^_	INA	TL Teular			Х	Х		1		10	+	\vdash	\dashv		_
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Relinquished by: J Herman	Date (8107	Time &	ve	Received by	y. Ship	Do,	<i>b</i>	-0	Time	12	55	Labo	rato	y Com	ments	:			\neg
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Relinquished by: Anio M	Date -	8-07	Time /7	ID	Received by	y TestAmerica	(may)	a		Time					ple Cor s Free					
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22 November, 2006

Paula Sime Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma, CA 94954

RE: Exxon 7-0238 Work Order: MPK0417

Enclosed are the results of analyses for samples received by the laboratory on 11/13/06 18:00. The samples arrived at a temperature of 3° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christina Woodcock Project Manager

CA ELAP Certificate #1210

Chritinal Noodcock





601 North McDowell Blvd.

Petaluma CA, 94954

Project: Exxon 7-0238

Project Number: 7-0238

Project Manager: Paula Sime

MPK0417 Reported:

11/22/06 11:24

ANALYTICAL REPORT FOR SAMPLES

Laboratory ID	Matrix	Date Sampled	Date Received
MPK0417-01	Water	11/10/06 09:30	11/13/06 18:00
MPK0417-02	Water	11/10/06 10:00	11/13/06 18:00
MPK0417-03	Water	11/10/06 10:30	11/13/06 18:00
MPK0417-04	Water	11/10/06 11:00	11/13/06 18:00
	MPK0417-01 MPK0417-02 MPK0417-03	MPK0417-01 Water MPK0417-02 Water MPK0417-03 Water	MPK0417-01 Water 11/10/06 09:30 MPK0417-02 Water 11/10/06 10:00 MPK0417-03 Water 11/10/06 10:30





601 North McDowell Blvd. Petaluma CA, 94954 Project: Exxon 7-0238

Project Number: 7-0238

Project Manager: Paula Sime

MPK0417 Reported:

11/22/06 11:24

W-PSP-1 (MPK0417-01) Water

Sampled: 11/10/06 09:30 Received: 11/13/06 18:00

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	Ĭ	6K18001	11/18/06	11/18/06	EPA 8015B/8021B	
Benzene	ND	0.50		**	95	*		"	
Toluene	ND	0.50	20	•	16	**	,,	II	
Ethylbenzene	ND	0.50						**	
Xylenes (total)	ND	0.50	<u>16</u>	11	100	*	**	D .	
Methyl tert-butyl ether	ND	2.5	**	110	•		7	**	
Surrogate: a,a,a-Trifluorotoluene		112 %	85-1	120	n	"	"	"	
Surrogate: 4-Bromofluorobenzene		91 %	75-1	125	"	"	"	*	





Project: Exxon 7-0238

601 North McDowell Blvd.

Project Number: 7-0238

MPK0417 Reported:

Petaluma CA, 94954

Project Manager: Paula Sime

11/22/06 11:24

W-INT-2 (MPK0417-02) Water

Sampled: 11/10/06 10:00 Received: 11/13/06 18:00

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Accid .	Po 1:	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6K18001	11/18/06	11/18/06	EPA 8015B/8021B	
Benzene	ND	0.50	**	††	11	11	R	"	
Toluene	ND	0.50	11	II .	11	IF	H	D	
Ethylbenzene	ND	0.50	11	"	n	n	11	et	
Xylenes (total)	ND	0.50	**	11	11	11	**	U	
Methyl tert-butyl ether	ND	2.5	11	Ħ	10	u		Ħ	
Surrogate: a,a,a-Trifluorotoluene		111 %	85-	120	"	"	n	n .	
Surrogate: 4-Bromofluorobenzene		91 %	75-	125	u	"	"	<i>II</i>	





Project: Exxon 7-0238

Project Number: 7-0238

Project Manager: Paula Sime

MPK0417 Reported: 11/22/06 11:24

W-INT-1 (MPK0417-03) Water

Petaluma CA, 94954

Sampled: 11/10/06 10:30 Received: 11/13/06 18:00

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6K18001	11/18/06	11/18/06	EPA 8015B/8021B	
Benzene	ND	0.50	11		**	"	n	"	
Toluene	ND	0.50			n .	n	**	If	
Ethylbenzene	ND	0.50		н	**		"	"	
Xylenes (total)	ND	0.50		30	n n	11	**	II .	
Methyl tert-butyl ether	ND	2.5	H	*	**	Ħ	11	n	
Surrogate: a,a,a-Trifluorotoluene		111 %	85-	120	п	"	n	n	
Surrogate: 4-Bromofluorobenzene		92 %	75-	125	"	"	"	"	





Project: Exxon 7-0238

Project Number: 7-0238

Project Manager: Paula Sime

MPK0417 Reported: 11/22/06 11:24

W-INF (MPK0417-04) Water

Petaluma CA, 94954

Sampled: 11/10/06 11:00 Received: 11/13/06 18:00

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6K18001	11/18/06	11/18/06	EPA 8015B/8021B	
Benzene	ND	0.50	11	U	11	п	"	11	
Toluene	ND	0.50	1)	"	lt.	11	**	***	
Ethylbenzene	ND	0.50	**	Ħ	**	**	п	II	
Xylenes (total)	ND	0.50	п	II.	H	II	11	II .	
Methyl tert-butyl ether	12	2.5	**	11	**		**	"	
Surrogate: a,a,a-Trifluorotoluene		112 %	85-	120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92 %	75-	125	"	"	"	"	





601 North McDowell Blvd. Petaluma CA, 94954 Project: Exxon 7-0238

Project Number: 7-0238
Project Manager: Paula Sime

MPK0417 Reported:

11/22/06 11:24

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control TestAmerica - Morgan Hill, CA

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6K18001 - EPA 5030B [P/T]										
Blank (6K18001-BLK1)				Prepared	& Analyz	ed: 11/18/	06			
Gasoline Range Organics (C4-C12)	ND	25	ug/l							
Benzene	ND	0.25								
Toluene	ND	0.29	и							
Ethylbenzene	ND	0.34	11							
Xylenes (total)	ND	0.35	**							
Methyl tert-butyl ether	ND	1.25								
Surrogate: a,a,a-Trifluorotoluene	44.8		"	40.0		112	85-120			
Surrogate: 4-Bromofluorobenzene	37.0		"	40.0		92	75-125			
LCS (6K18001-BS1)				Prepared a	& Analyze	ed: 11/18/	06			
Gasoline Range Organics (C4-C12)	224	50	ug/l	275		81	60-115			
Benzene	3.64	0.50	21	4.85		75	45-150			
Toluene	22.8	0.50	**	23.5		97	70-115			
Ethylbenzene	4.41	0.50	311.5	4.70		94	65-115			
Xylenes (total)	25.2	0.50	н	26.5		95	70-115			
Methyl tert-butyl ether	4.87	2.5	•	6.50		75	45-150			
Surrogate: a,a,a-Trifluorotoluene	44.9		"	40.0		112	85-120			
Surrogate: 4-Bromofluorobenzene	38.6		"	40.0		96	75-125			
Matrix Spike (6K18001-MS1)	Sou	rce: MPK04	17-01	Prepared &	& Analyze	d: 11/18/0)6			
Gasoline Range Organics (C4-C12)	194	50	ug/l	275	ND	71	60-115			
Benzene	3.24	0.50	11	4.85	ND	67	45-150			
Toluene	20.6	0.50	lt.	23.5	ND	88	70-115			
Ethylbenzene	3.98	0.50	**	4.70	ND	85	65-115			
Xylenes (total)	23.2	0.50	н	26.5	ND	88	70-115			
Methyl tert-butyl ether	4.60	2.5	п	6.50	ND	71	45-150			
urrogate: a,a,a-Trifluorotoluene	44.4		"	40.0		111	85-120			
urrogate: 4-Bromofluorobenzene	38.8		34	40.0		97	75-125			





601 North McDowell Blvd. Petaluma CA, 94954 Project: Exxon 7-0238

Project Number: 7-0238
Project Manager: Paula Sime

MPK0417 Reported:

11/22/06 11:24

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control TestAmerica - Morgan Hill, CA

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6K18001 - EPA 5030B [P/T]										
Matrix Spike Dup (6K18001-MSD1)	Sou	ırce: MPK04	17-01	Prepared	& Analyze	ed: 11/18/	06			
Gasoline Range Organics (C4-C12)	189	50	ug/l	275	ND	69	60-115	3	20	
Benzene	3.14	0.50	ŧi	4.85	ND	65	45-150	3	25	
Toluene	19.9	0.50	11	23.5	ND	85	70-115	3	20	
Ethylbenzene	3.88	0.50	**	4.70	ND	83	65-115	3	25	
Xylenes (total)	22.7	0.50	**	26.5	ND	86	70-115	2	25	
Methyl tert-butyl ether	4.58	2.5	11	6.50	ND	70	45-150	0.4	30	
Surrogate: a,a,a-Trifluorotoluene	43.5		"	40.0		109	85-120			
Surrogate: 4-Bromofluorobenzene	38.9		"	40.0		97	75-125			





Project: Exxon 7-0238
Project Number: 7-0238
Project Manager: Paula Sime

MPK0417 Reported: 11/22/06 11:24

Notes and Definitions

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

Petaluma CA, 94954

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Test/America	Co	nsultant Name		0.00			. E	xxor	Mobi	ll Eng	Ineer	Jenn	ifer C	. Se	dlache	k				-
INCORPORATE	0		601 North N									(510)								
(615) 726-0177		City/State/Zip	: Petaluma, 0	California 9	4954		_					10228								
Morgan Hill Division	P	roject Manager	Paula Sime				-					45072	11111	,			_			
885 Jarvis Drive	Telep	ohone Number:	(707) 766-2	000			-		F			7-02							Z #	
Morgan Hill, CA 95037	EF	RI Job Number:	2293 11X (I	November)	(-										-	-		
ExonMobil.	Sample	er Name: (Print)	1 4	levu	nur	-	•					T0600			Way of		-	_		_
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10/	t	ŀ		1 14		9		mtt		,0		<i></i>		OAS	riee 0	nead	uspac	31	1	

CLIENT NAME: REC. BY (PRINT) WORKORDER: MPK 6 417		DATE REC'D AT LAB: TIME REC'D AT LAB: DATE LOGGED IN:	1111	The same of the sa		• 1	tory Purposes? WATER YES/NO
CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE#	CLIENT ID	CONTAINER : DESCRIPTION		SAMPLE	DATE SAMPLED	REMARKS: CONDITION (ETC.)
Custody Seal(s) Present Absent		THE RESIDENCE AND COMPANY OF SAME	STATE OF STREET, STREE		***************************************	- The state of the	NAME AND DESCRIPTION OF THE PARTY OF THE PAR
· Intact / Broken							
2. Chain-of-Custody Present / Absent*		DE F		0	 	·	
3. Traffic Reports or					1		·
Packing List: Present Absent				l			<u>·</u>
4. Airbill: Airbill / Sticker					 		<i>[</i> -
Present / Absen)			· · · · · · · · · · · · · · · · · · ·		 		
5. Airbill #:				·			
6. Sample Labels: Present / Absent	· .	· · · · · · · · · · · · · · · · · · ·					
7. Sample IDs: Listed / Not Listed	***					••	<u>/'</u>
on Chain-of-Custody							
8. Sample Condition: Intact / Broken*/		· ·	: :				
Leaking*							
9. Does information on chain-of-custody,							
traffic reports and sample labels				DIT			
agree? Yes/ No*		· · · · · · · · · · · · · · · · · · ·	11,219		ا (کان		**** *****
Sample received within		\	1				
hold time? . Yes / No*	· · · · · ·					a.*	
Adequate sample volume							
received?			-:		<u>: </u>		
2. Proper preservatives used? Yes / No*					•	10.7	
3. Trip Blank / Temp Blank Received?		/					
(circle which, if yes) Yes (No*)		/			2		
1. Read Temp: 2.1	-: A					. , .	
Corrected Temp: 3.1°C	/			121			
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cceptance range for samples requiring thermal pres.)	:-			178			
Exception (if any): METALS / DFF ON ICE or Problem COC:							
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SRL Revision 8	*IF CIRCL	ED, CONTACT PROJECT	MANIACED XXI	D ATTACL DE	WINDS THE STATE OF	CONTROL OF THE PARTY OF THE PAR	Hard Marie Control of the Control of

Replaces Rev 7 (07/19/05) Effective 09/13/06

21 December, 2006

Paula Sime Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma, CA 94954

RE: Exxon 7-0238 Work Order: MPL0220

Enclosed are the results of analyses for samples received by the laboratory on 12/07/06 10:15. The samples arrived at a temperature of 4° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christina Woodcock Project Manager

CA ELAP Certificate #1210

Clinting Noodcock





Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954 Project: Exxon 7-0238
Project Number: 7-0238
Project Manager: Paula Sime

MPL0220 Reported: 12/21/06 11:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W-PSP-1	MPL0220-01	Water	12/06/06 13:30	12/07/06 10:15
W-INT-2	MPL0220-02	Water	12/06/06 14:00	12/07/06 10:15
W-INT-1	MPL0220-03	Water	12/06/06 14:30	12/07/06 10:15
W-INF	MPL0220-04	Water	12/06/06 15:00	12/07/06 10:15





Project: Exxon 7-0238

Project Number: 7-0238

MPL0220 Reported:

Petaluma CA, 94954

Project Manager: Paula Sime

12/21/06 11:24

W-PSP-1 (MPL0220-01) Water

Sampled: 12/06/06 13:30 Received: 12/07/06 10:15

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B TestAmerica - Morgan Hill, CA

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6L13033	12/13/06	12/14/06	EPA 8015B/8021B	
Benzene	ND	0.50	ŧı	н	II	11	*1	II .	
Toluene	ND	0.50	"	11	tt	U	н	H	
Ethylbenzene	ND	0.50	11	11	***	**	17	и	
Xylenes (total)	ND	0.50	н	11		II.	11	U	
Methyl tert-butyl ether	ND	2.5	11	"	**	"	II .	я	
Surrogate: a,a,a-Trifluorotoluene		100 %	85-12	20	"	"	11	"	
Surrogate: 4-Bromofluorobenzene		106 %	75-12	2.5	"	"	n	"	





Project: Exxon 7-0238

MPL0220 Reported:

Petaluma CA, 94954

Project Number: 7-0238
Project Manager: Paula Sime

12/21/06 11:24

W-INT-2 (MPL0220-02) Water

Sampled: 12/06/06 14:00 Received: 12/07/06 10:15

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6L13033	12/13/06	12/14/06	EPA 8015B/8021B	
Benzene	ND	0.50	и	11	U	ır	II.	It	
Toluene	ND	0.50	11	u	17	**	It	11	
Ethylbenzene	ND	0.50	n	11	Ħ	17	Ħ	U	
Xylenes (total)	ND	0.50	"	n	11	11	17	п	
Methyl tert-butyl ether	ND	2.5	II.	11	"	U	1t	n	
Surrogate: a,a,a-Trifluorotoluene		103 %	85-	120	"	n	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	75-	125	"	"	"	"	





Project: Exxon 7-0238

Project Number: 7-0238

MPL0220 Reported:

Petaluma CA, 94954

Project Manager: Paula Sime

12/21/06 11:24

W-INT-1 (MPL0220-03) Water

Sampled: 12/06/06 14:30 Received: 12/07/06 10:15

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

9		Reporting				_			54.5
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6L13033	12/13/06	12/14/06	EPA 8015B/8021B	
Benzene	ND	0.50	N	н	11	Ħ	11	U	
Toluene	ND	0.50	11	U	11	11	11	н	
Ethylbenzene	ND	0.50	11	п	11	н	H	11	
Xylenes (total)	ND	0.50	11	U	U	II.	D.	н	
Methyl tert-butyl ether	ND	2.5	U	И	11	н	IP	п	
Surrogate: a,a,a-Trifluorotoluene		103 %	85-1	20	11	"	#	"	
Surrogate: 4-Bromofluorobenzene		103 %	75-1	25	"	"	"	n	





Project: Exxon 7-0238

601 North McDowell Blvd.

Project Number: 7-0238

MPL0220 Reported:

Petaluma CA, 94954

Project Manager: Paula Sime

12/21/06 11:24

W-INF (MPL0220-04) Water

Sampled: 12/06/06 15:00 Received: 12/07/06 10:15

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B TestAmerica - Morgan Hill, CA

DAY II.		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6L13033	12/13/06	12/14/06	EPA 8015B/8021B	
Benzene	ND	0.50	17	H	0	ti	U	II	
Toluene	ND	0.50	U	U	11	n	н	11	
Ethylbenzene	ND	0.50	IF	11	II	-ii	<u>u</u>	II.	
Xylenes (total)	ND	0.50	U	U		•			
Methyl tert-butyl ether	18	2.5	n	n	36	*			
Surrogate: a,a,a-Trifluorotoluene		105 %	85-	120	"	"	"	200	
Surrogate: 4-Bromofluorobenzene		105 %	75-	125	"	"	•		





601 North McDowell Blvd. Petaluma CA, 94954 Project: Exxon 7-0238

Project Number: 7-0238
Project Manager: Paula Sime

MPL0220 Reported: 12/21/06 11:24

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control TestAmerica - Morgan Hill, CA

Analyte	Denul4	Evaluation	I Init-	Spike	Source	0/DEC	%REC	בוחם	RPD Limit	NI-4
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 6L13033 - EPA 5030B [P/T]										
Blank (6L13033-BLK1)				Prepared	& Analyzo	ed: 12/13/	06			
Gasoline Range Organics (C4-C12)	ND	25	ug/l							
Benzene	ND	0.25	11							
Toluene	ND	0.29	(10)							
Ethylbenzene	ND	0.34	If							
Xylenes (total)	ND	0.35	11							
Methyl tert-butyl ether	ND	1.25	ŧ							
Surrogate: a,a,a-Trifluorotoluene	80.1		"	80.0		100	85-120			
Surrogate: 4-Bromofluorobenzene	81.0		"	80.0		101	75-125			
LCS (6L13033-BS1)				Prepared &	& Analyze	d: 12/13/	06			
Gasoline Range Organics (C4-C12)	210	50	ug/l	275		76	60-115			
Benzene	3.61	0.50	И	4.85		74	45-150			
Toluene	20.4	0.50	R	23.5		87	70-115			
Ethylbenzene	4.11	0.50	**	4.70		87	65-115			
Xylenes (total)	25.2	0.50	v	26.5		95	70-115			
Methyl tert-butyl ether	4.22	2.5	20	6.50		65	45-150			
Surrogate: a,a,a-Trifluorotoluene	71.8		n	80.0		90	85-120			
Surrogate: 4-Bromofluorobenzene	85.9		"	80.0		107	75-125			
Matrix Spike (6L13033-MS1)		ce: MPL017	72-08	Prepared &	& Analyze	d: 12/13/0)6			
Gasoline Range Organics (C4-C12)	216	50	ug/l	275	36	65	60-115			
Benzene	3.59	0.50	II.	4.85	0.33	67	45-150			
Toluene	19.2	0.50	17	23.5	ND	82	70-115			
Ethylbenzene	3.86	0.50	IF	4.70	ND	82	65-115			
Kylenes (total)	23.8	0.50	If	26.5	ND	90	70-115			
Methyl tert-butyl ether	8.31	2.5	"	6.50	5.0	51	45-150			
urrogate: a,a,a-Trifluorotoluene	72.2		"	80.0		90	85-120			
urrogate: 4-Bromofluorobenzene	85.0		11	80.0		106	75-125			





Petaluma CA, 94954

Project: Exxon 7-0238

Project Number: 7-0238
Project Manager: Paula Sime

MPL0220 Reported: 12/21/06 11:24

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control TestAmerica - Morgan Hill, CA

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6L13033 - EPA 5030B [P/T]										
Matrix Spike Dup (6L13033-MSD1)	Sou	ırce: MPL01	72-08	Prepared	& Analyz	ed: 12/13/	06			
Gasoline Range Organics (C4-C12)	203	50	ug/l	275	36	61	60-115	6	20	
Benzene	3.36	0.50	"	4.85	0.33	62	45-150	7	25	
Toluene	18.2	0.50	н	23.5	ND	77	70-115	5	20	
Ethylbenzene	3.62	0.50	"	4.70	ND	77	65-115	6	25	
Xylenes (total)	22.1	0.50	11	26.5	ND	83	70-115	7	25	
Methyl tert-butyl ether	8.16	2.5	n	6.50	5.0	49	45-150	2	30	
Surrogate: a,a,a-Trifluorotoluene	73.3		"	80.0		92	85-120			
Surrogate: 4-Bromofluorobenzene	85.3		"	80.0		107	75-125			



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

Environmental Resolutions (Exxon)

601 North McDowell Blvd.

Petaluma CA, 94954

Project: Exxon 7-0238

Project Number: 7-0238

Project Manager: Paula Sime

MPL0220 Reported:

12/21/06 11:24

Notes and Definitions

DET

Analyte DETECTED

ND

Analyte NOT DETECTED at or above the reporting limit

NR

Not Reported

dry

Sample results reported on a dry weight basis

RPD

Relative Percent Difference

TT A				CHAIN	OF CUS	STODY REG	CORD											
Test/Americ	a	Consultant Na	ame: Environn												Page .	_1_	of_1	_
(615) 726-0177	ATED	Addr	ess: 601 Nort	h McDowell	Divid			Ex	xonMc	bil E	ngine	er Je	onifor (C. Sedla				
Morgan Hill Division		City/State/	Zip: Petaluma	California	DIVO.			7	eleph	one f	Vumb	or /51/) 547-8	J. Sedi	achek			
885 Jarvis Drive		Project Mana	ager Paula Sin	no camorna	94954					Acc	Ottof	#: 102	00	196				1-11-1
Morgan Hill, CA 95037	Tel	ephone Numi	ber: (707) 766	2000								0.00						
	E	RI Job Numb	per: 2293 11X	/Doc						Facili			7207187	<u></u>				
ExonMobil	Samp	ier Name: (Pr	int) 1 1	Decembe	r)		_					# 7-02		-				
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		MIPL	0220					1			8015B	8021B	8020			1 1	- 1	
Sample ID / Descrip	tion	DATE			T	T		┧.				8			- 1	11		
W-PSP-1	01	<i>i</i> .	TIME	COMP	GRAB	PRESERV	NUMBER	Water	Soil	Vapor	TPHg	BTEX	MTBE		- 1	11	- 1	
W-INT-2	02	12/5/06			X	HCL	5VOA			3	F	<u>B</u>	Σ	\bot				
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	03		1430		Х		5VOA	X	-	4	X	X	X				1	-
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N	Date		Time	Red	elved by Te	ictAmeri-						1	Same	orature (Upon Re	ceipt: \	2.7	
									Time	1		1	variibi	~ conta	iners Int	act? 🎸		

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: 7-0239 REC. BY (PRINT) May WORKORDER: MPL0220		DATE REC'D AT LAB: TIME REC'D AT LAB: DATE LOGGED IN:	12/08/06 (04/5 12/8/0		i propinski provinci	On Committee of the Com		tory Purposes? WATER YES NO
CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE#	CLIENT ID	CONTAINER DESCRIPTION	PRESER VATIVE	рН	SAMPLE	DATE SAMPLED	REMARKS: CONDITION (ETC.)
Custody Seal(s) Present / Absent Intact / Broken*			The state of the s				OAIMIT LED	GONDITION (ETC.)
2. Chain-of-Custody Present / Absent*								
Traffic Reports or Packing List: Present / Absent Airbill: Airbill / Sticker								
4. Airbill: Airbill / Sticker Present / Absent								
5. Airbill #:							- A	
6. Sample Labels: Present / Absent						<u> </u>		
7. Sample IDs: Ested / Not Listed			1					
8. Sample Condition: Intact / Broken* / Leaking*		. , \2	107/06					
Does information on chain-of-custody, traffic reports and sample labels		Cherry			_			
agree? %es/No*		6/						
10. Sample received within hold time?								
11. Adequate sample volume received?								
12. Proper preservatives used? Yes / No*			\vdash					
13. Trip Blank / Temp Blank Received?								
(circle which, if yes) Yes / (Not)								
14. Read Temp: 3.7 Corrected Temp: 4.7								
Is corrected temp 4 +/-2°C? Yes / No**								
(Acceptance range for samples requiring thermal pres.)		/						
**Exception (if any): METALS / DFF ON ICE		w						
or Problem COC								

ે!. Revision 8

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



22 January, 2007

Paula Sime Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma, CA 94954

RE: Exxon 7-0238 Work Order: MQA0259

Enclosed are the results of analyses for samples received by the laboratory on 01/08/07 17:10. The samples arrived at a temperature of 2° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christina Woodcock Project Manager

CA ELAP Certificate #1210

Chritinal Noodcock





601 North McDowell Blvd. Petaluma CA, 94954 Project: Exxon 7-0238

Project Number: 7-0238
Project Manager: Paula Sime

MQA0259 Reported: 01/22/07 15:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W-PSP-1	MQA0259-01	Water	01/05/07 09:00	01/08/07 17:10
W-INT-2	MQA0259-02	Water	01/05/07 09:30	01/08/07 17:10
W-INT-1	MQA0259-03	Water	01/05/07 10:00	01/08/07 17:10
W-INF	MQA0259-04	Water	01/05/07 10:30	01/08/07 17:10





W-PSP-1 (MQA0259-01) Water

Project: Exxon 7-0238

Project Number: 7-0238

MQA0259 Reported: 01/22/07 15:08

Petaluma CA, 94954

Project Manager: Paula Sime

Sampled: 01/05/07 09:00 Received: 01/08/07 17:10

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

		Reporting		0					
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7A11028	01/11/07	01/12/07	EPA 8015B/8021B	-
Benzene	ND	0.50	**		0	#1	•	н	
Toluene	ND	0.50	**	**	**	IP		0	
Ethylbenzene	ND	0.50			11	11	•	**	
Xylenes (total)	ND	0.50	*	**	ŧ	п) i i	II.	
Methyl tert-butyl ether	ND	2.5	**		11	II.	**	11	
Surrogate: a,a,a-Trifluorotoluene		113 %	85-	120	n	"	"	11	
Surrogate: 4-Bromofluorobenzene		106 %	75-	125	"	"	,,,	"	





Project: Exxon 7-0238

Project Number: 7-0238
Project Manager: Paula Sime

MQA0259 Reported: 01/22/07 15:08

W-INT-2 (MQA0259-02) Water

Petaluma CA, 94954

Sampled: 01/05/07 09:30 Received: 01/08/07 17:10

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7A11028	01/11/07	01/12/07	EPA 8015B/8021B	
Benzene	ND	0.50	**	**	n	ti .	11	11	
Toluene	ND	0.50		#	11	**	"	11	
Ethylbenzene	ND	0.50	11		н_	11	II.	ti .	
Xylenes (total)	ND	0.50	н	ti	11	tr.	"	†I	
Methyl tert-butyl ether	ND	2.5	"	11	n	"	11	IT	
Surrogate: a,a,a-Trifluorotoluene		113 %	85-12	20	"	11	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	75-12	25	"	n	"	"	





Project: Exxon 7-0238

Project Number: 7-0238
Project Manager: Paula Sime

MQA0259 Reported: 01/22/07 15:08

W-INT-1 (MQA0259-03) Water

Petaluma CA, 94954

Sampled: 01/05/07 10:00 Received: 01/08/07 17:10

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

			Section 1	-					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7A11028	01/11/07	01/12/07	EPA 8015B/8021B	
Benzene	ND	0.50	**	**)	H	19	11	11	
Toluene	ND	0.50	**	00	**	ŧI	"	n	
Ethylbenzene	ND	0.50	**	**	II.	U	II .	II	
Xylenes (total)	ND	0.50		•	11	11	Ħ	11	
Methyl tert-butyl ether	ND	2.5			Ħ	н	"		
Surrogate: a,a,a-Trifluorotoluene		113 %	85-	120	"	"	n	"	
Surrogate: 4-Bromofluorobenzene		105 %	75-	125	"	"		"	





Project: Exxon 7-0238
Project Number: 7-0238

MQA0259 Reported: 01/22/07 15:08

W-INF (MQA0259-04) Water

Petaluma CA, 94954

Sampled: 01/05/07 10:30 Received: 01/08/07 17:10

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Project Manager: Paula Sime

				0					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7A11028	01/11/07	01/12/07	EPA 8015B/8021B	
Benzene	ND	0.50	u		11	100	ж	II .	
Toluene	ND	0.50		300	Ħ	(0)	æ	11	
Ethylbenzene	ND	0.50	**	10.0	n	.11	.11	11	
Xylenes (total)	ND	0.50		(10)	**	90	31.	U	
Methyl tert-butyl ether	36	2.5	"	п	п	20	W	ii .	
Surrogate: a,a,a-Trifluorotoluene		112 %	85-	120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	75-	125	"		"	"	





Petaluma CA, 94954

Project: Exxon 7-0238

Spike

Source

%REC

Project Number: 7-0238
Project Manager: Paula Sime

MQA0259 Reported: 01/22/07 15:08

RPD

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control TestAmerica - Morgan Hill, CA

Evaluation

		Lvaluation		Spike	Boulce		MILLO		ICI D	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7A11028 - EPA 5030B [P/T]										
Blank (7A11028-BLK1)				Prepared	& Analyze	ed: 01/11/	07			
Gasoline Range Organics (C4-C12)	ND	25	ug/l							
Benzene	ND	0.25	11							
Foluene	ND	0.29	11							
Ethylbenzene	ND	0.34								
Xylenes (total)	ND	0.35								
Methyl tert-butyl ether	ND	1.25	*							
urrogate: a,a,a-Trifluorotoluene	45.2		н	40.0		113	85-120			
urrogate: 4-Bromofluorobenzene	42.2		"	40.0		106	75-125			
LCS (7A11028-BS1)				Prepared &	& Analyze	d: 01/11/	07			
Gasoline Range Organics (C4-C12)	205	50	ug/l	275		75	60-115			
Benzene	3.91	0.50	"	4.85		81	45-150			
oluene	22.0	0.50	**	23.5		94	70-115			
thylbenzene	4.20	0.50	11	4.70		89	65-115			
(ylenes (total)	24.2	0.50	н	26.5		91	70-115			
Aethyl tert-butyl ether	5.33	2.5	19	6.50		82	45-150			
urrogate: a,a,a-Trifluorotoluene	45.1		n	40.0		113	85-120			
urrogate: 4-Bromofluorobenzene	43.6		#	40.0		109	75-125			
latrix Spike (7A11028-MS1)		rce: MQA01	60-01	Prepared 8	k Analyze	d: 01/11/0	07			
asoline Range Organics (C4-C12)	207	50	ug/l	275	ND	75	60-115			
enzene	3.87	0.50	"	4.85	ND	80	45-150			
oluene	22.4	0.50	11	23.5	ND	95	70-115			
thylbenzene	4.32	0.50	D	4.70	ND	92	65-115			
ylenes (total)	25.0	0.50	"	26.5	ND	94	70-115			
ethyl tert-butyl ether	5.68	2.5	H	6.50	ND	87	45-150			
urrogate: a,a,a-Trifluorotoluene	46.1		"	40.0		115	85-120			
urrogate: 4-Bromofluorobenzene	43.7		n	40.0		109	75-125			





Project: Exxon 7-0238 Project Number: 7-0238

MQA0259 Reported: 01/22/07 15:08

Petaluma CA, 94954

Project Manager: Paula Sime

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control TestAmerica - Morgan Hill, CA

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7A11028 - EPA 5030B [P/T]										
Matrix Spike Dup (7A11028-MSD1)	Sou	rce: MQA01	160-01	Prepared	& Analyzo	ed: 01/11/	07			
Gasoline Range Organics (C4-C12)	262	50	ug/l	275	ND	95	60-115	23	20	R2
Benzene	5.02	0.50	II.	4.85	ND	104	45-150	26	25	R2
Toluene	27.0	0.50	**	23.5	ND	115	70-115	19	20	
Ethylbenzene	5.35	0.50	11	4.70	ND	114	65-115	21	25	
Xylenes (total)	30.7	0.50	н	26.5	ND	116	70-115	20	25	M1
Methyl tert-butyl ether	4.35	2.5	u	6.50	ND	67	45-150	27	30	
Surrogate: a,a,a-Trifluorotoluene	45.4		"	40.0		114	85-120	-		
Surrogate: 4-Bromofluorobenzene	43.1		"	40.0		108	75-125			





601 North McDowell Blvd.

Petaluma CA, 94954

Project: Exxon 7-0238

Project Number: 7-0238

Project Manager: Paula Sime

MQA0259 Reported: 01/22/07 15:08

Notes and Definitions

R2 The RPD exceeded the acceptance limit.

M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

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

(T) A	C-						**								-					
Test/America	1	nsultant Name					- E								edlache	≱k				
(615) 726-0177	e 0		: 601 North N				-	Tele	ephon	ie Nu	mber	(510)	547-81	196						×400-
Morgan Hill Division	-	City/State/Zip			4954		-		A	Accou	ınt #:	10228	3							
885 Jarvis Drive		roject Manage					4			1	PO #:	45072	207187	7						
1		phone Number					_		F	acility	/ ID#	7-02	38							
Morgan Hill, CA 95037		RI Job Number					4		•	Globa	al ID#	T0600	01013	43						
ExonMobil.	Sampl	er Name: (Print	Jan				=		Sit	e Ado	iress	2200	East 1	2th S	Street			=="		974
	Sam	pler Signature	Jon	Wen	mm		_		City	, Stat	e Zip	Oakla	nd, Ca	alifon	nia				() ! <u> </u>	
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☑ 8 day		1.00		•							8015B	8021B	8020							
227 945 00V4 2023 01			T	T T	Ι	T		- E	_	-io		X	MTBE							
Sample ID / Descrip	otion	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Water	Soil	Vapor	TPHg	BTEX	M		İ					
W-PSP-1	0	115/07	900		Х	HCL	5VOA	x			х	х	x							
W-INT-2	02	'	930		×	HCL	5VOA	x			х	х	x							
W-INT-1	63		1000		x	HCL	5VOA	Х			Х		X			1				
W-INF	by		1030		х	HCL	5VOA	х			Х							_		-
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TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: EXT REC. BY (PRINT) WORKORDER: MQA0259		DATE REC'D AT LAB: TIME REC'D AT LAB: DATE LOGGED IN:	1/8/0 1/8/0 1/9				For Regula DRINKING WASTE W/	
CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE#	CLIENT ID	CONTAINER DESCRIPTION		рН	SAMPLE		REMARKS:
1. Custody Seal(s) Present / Absent Intact / Broken						MATRIA	SAMPLED	CONDITION (ETC.)
2. Chain-of-Custody Present Absent*			7	2).			
Traffic Reports or Packing List: Present / Absent		0,				3		
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					7,700.70		/	
Sample Condition: Intact / Broken* / Leaking*		5	1/8/	07	2	74		
9. Does Information on chain-of-custody, traffic reports and sample labels agree? Yes / No*			1101			. +		
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. Read Temp: Corrected Temp: Is corrected temp 4 +/-2°C? Yes//No**								
(Acceptance range for samples requiring thermal pres.) **Exception (if any): METALS / DFF ON ICE or Problem COC								
SRL Revision 8	*IF CIRC	LED, CONTACT PROJEC	r Manager A	ND ATTA	CH R	ECORD O	F RESOLUT	ION.

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 A VAPOR STREAM

INPUT DATA:

1) Vapor flow rate acfm (usually by Pitot tube)

2) Vapor pressure at the flow measuring device (in inches of H₂O) (use {-} for vacuum)

3) Vapor temperature at the flow measuring device.

4) Hydrocarbon content of vapor (usually in mg/M³) 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			2
1/6/95 11	:00	70 -46	2000	120	
1/7/95 13	3:00	55 -50	1350	90	
1/8/95 10	0:00	80 -13	750	100	74

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, $HC = (1350+750)/2 = 1050 \text{ mg/M}^3$, Flow = 95

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).