

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

**RECEIVED**

9:37 am, Jun 25, 2007

Alameda County  
Environmental Health



June 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

**RE: Former Exxon RAS #7-0104/1725 Park Street, Alameda, California.**

Dear Mr. Plunkett:

Attached for your review and comment is a copy of the letter report entitled *Groundwater Monitoring and Remediation Status Report, First Quarter 2007*, dated June 6, 2007, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Petaluma, California, and details groundwater monitoring, sampling, and remedial 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,

A handwritten signature in black ink that reads "J Sedlachek".

Jennifer C. Sedlachek  
Project Manager

Attachment: ERI's Groundwater Monitoring and Remediation Status Report, First Quarter 2007, dated June 6, 2007

cc: w/ attachment

Mr. Stephen Hill, California Regional 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.



VALUE, QUALITY, RESPONSE

Southern California  
Northern California  
Pacific Northwest  
Southwest  
Texas  
Montana

June 6, 2007  
ERI 250613.Q071

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

**SUBJECT** Groundwater Monitoring and Remediation Status Report, First Quarter 2007  
Former Exxon Service Station 7-0104  
1725 Park Street, Alameda, California

## INTRODUCTION

At the request of Exxon Mobil Corporation (Exxon Mobil), Environmental Resolutions, Inc. (ERI) performed first quarter 2007 groundwater monitoring and sampling and remedial activities at the subject site. This report covers remedial activities from December 5, 2006, through February 16, 2007, and monitoring and sampling activities through March 12, 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

<b>Gauging and sampling date:</b>	03/12/07	
<b>Wells gauged and sampled:</b>	MW1 through MW9, MW11	
<b>Wells gauged only:</b>	EW1, EW3, EW5	
<b>Remediation system status on sampling date:</b>	GET system inactive; AS/SVE system inactive	
<b>Presence of NAPL:</b>	Not observed	
<b>Concurrently sampled:</b>	Shell-branded service station (former XTRA Oil Company), 1701 Park Street, Alameda, California	
<b>Data provided by:</b>	P&D Environmental, Inc., Oakland, California	
<b>Laboratory:</b>	TestAmerica Analytical Testing Corporation Morgan Hill, California	
<b>Analyses performed:</b>	EPA Method 8015B EPA Method 8021B EPA Method 8260B EPA Method 8260B	TPHd, TPHg BTEX MTBE, ETBE, TAME, TBA, EDB, 1,2-DCA, DIPE Ethanol (select samples)
<b>Waste disposal:</b>	204 gallons purge and decon water transferred to the GET system on 04/02/07	

## REMEDIATION SYSTEM SUMMARY

### Groundwater Extraction and Treatment – Prior Systems

A groundwater extraction and treatment (GET) system operated at the site from October 1994 to March 2000. The system was retrofitted and again operated from June 2002 to February 2004. A total of 32.2 pounds of total petroleum hydrocarbons as gasoline (TPHg), 4.92 pounds of benzene, and 7.71 pounds of methyl tertiary butyl ether (MTBE) were removed by the GET system during its periods of operation.

### Air Sparge/Soil Vapor Extraction – Prior Systems

An air sparge/soil vapor extraction (AS/SVE) system operated at the site from February 1998 to March 2000. The AS/SVE system was retrofitted and again operated from June 2000 to February 2004. A total of 1,022.4 pounds of TPHg and 11.81 pounds of benzene were removed by the AS/SVE system during its periods of operation.

### Systems Retrofit – 2005

ERI retrofitted the GET and AS/SVE systems again in 2005. ERI modified the SVE system to use an 8.45-horsepower regenerative blower (Siemens 2BH1 800-7A) capable of producing 360 standard cubic feet per minute (scfm). ERI also modified groundwater extraction wells EW1 through EW5 to simultaneously extract soil vapor and pump and treat groundwater; however, well EW5 is not currently used. Other components and processes of the systems remain unchanged. The retrofitted systems began operation on June 27, 2005.

### **Current GET System Configuration**

The GET system operates in conjunction with the AS/SVE system to pump down the groundwater table, expose petroleum hydrocarbons in soil, and address dissolved-phase hydrocarbons in groundwater. Groundwater is currently extracted from wells EW1 through EW4 using pneumatic pumps and is directed to a holding tank. Water is periodically transferred from the holding tank through a particulate filter and three 500-pound granular activated carbon (GAC) vessels connected in series prior to discharge to the sanitary sewer under permit through East Bay Municipal Utilities District (EBMUD). The volume of discharged groundwater is recorded using a totalizing flow meter.

### **Current AS/SVE System Configuration**

The current AS/SVE system consists of a regenerative blower, a moisture separator, three vapor-phase 500-pound GAC vessels connected in series, an exhaust stack for discharge to the atmosphere, and associated monitoring instrumentation. The 500-pound GAC vessels have a maximum flow capacity of 300 scfm. Water generated in the moisture separator is pumped to the GET system.

An oil-less air compressor is available for air sparging (subsurface air injection), through a trench in the vicinity of the extraction wells to help volatilize hydrocarbons suspended in soil. Air sparging is not currently performed but is available for use in the future.

<b>System start-up dates:</b>	<u>AS/SVE System</u> <u>GET System</u>	02/16/98 10/10/94
<b>System discharge permits:</b>	<u>AS/SVE System</u> <u>GET System</u>	BAAQMD Plant No. 8252 EBMUD Permit No. 50266631
<b>System reporting periods:</b>	<u>AS/SVE System</u> <u>GET System</u>	12/05/06 – 02/16/07 12/05/06 – 02/16/07
<b>System modifications during reporting period:</b>		None
<b>System status during reporting period:</b>	<u>AS/SVE System</u> <u>GET System</u>	Active Active
<b>Laboratory:</b>		TestAmerica Analytical Testing Corporation Morgan Hill, California Nashville, Tennessee
<b>Effluent analyses performed:</b>	<u>AS/SVE System</u> EPA Method 18M  <u>GET System</u> EPA Method 8015B EPA Method 8021B	TPHg, MTBE, BTEX  TPHg MTBE, BTEX

**System Performance:**AS/SVE System

The AS/SVE system was shut down on February 16, 2007, for carbon changeout.

Period	Mass of TPHg Removed (Pounds)	Mass of Benzene Removed (Pounds)	Mass of MTBE Removed (Pounds)
12/05/06 – 02/16/07	<21.27	<0.21	<0.21
To date:	<1,228.9	<17.26	<4.10

GET System

The GET system was shut down on February 16, 2007, for carbon changeout.

Period	Volume of Groundwater Treated (gallons)	Mass of TPHg Removed (pounds)	Mass of Benzene Removed (pounds)	Mass of MTBE Removed (pounds)
12/05/06 – 02/16/07	301,220	<3.631	<0.0313	3.971
To date:	3,187,150	<59.4	<5.114	33.102

## CONCLUSIONS

The groundwater monitoring and sampling data are consistent with the historical data for the site. Current remediation efforts are effectively removing residual and dissolved-phase hydrocarbons beneath the site.

## 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. Stephen Hill  
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.

Sincerely,  
Environmental Resolutions, Inc.

*Karen L. Newark*  
Karen L. Newark  
Technical Writer

*Heidi Dieffenbach-Carle*  
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 Air Sparge/Soil Vapor Extraction System
Table 4:	Operation and Performance Data for Groundwater Extraction and Treatment System
Plate 1:	Site Vicinity Map
Plate 2:	Select Analytical Results
Plate 3:	Groundwater Elevation Map
Attachment A:	Groundwater Sampling Protocol
Attachment B:	Groundwater Monitoring and Sampling Data, Shell-Branded Service Station, 1701 Park Street (P&D Environmental, March 12, 2007)
Attachment C:	Laboratory Analytical Reports and Chain-of-Custody Records

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 1 of 19)

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW1	09/12/94	17.35	7.11	10.24	NLPH	—	1,600a	—	—	200	1.9	210	6.6
MW1	10/01/94	17.35	7.44	9.91	NLPH	—	1,400a	—	—	200	<0.5	160	6.6
MW1	01/13/95	17.35	5.13	12.22	NLPH	—	2,100a	—	—	410b	17	280b	89
MW1	04/27/95	17.35	6.57	10.78	NLPH	—	4,700	—	—	460	41	340	270
MW1	08/03/95	17.35	7.46	9.89	NLPH	—	1,900	30	—	140	<5.0	160	9.9
MW1	10/17/95	17.35	7.67	9.68	NLPH	—	280	5.5	—	6.2	<0.5	13	0.75
MW1	01/24/96	17.35	6.52	10.83	NLPH	—	740	440	—	21	1.4	38	3.1
MW1	04/24/96	17.35	5.95	11.40	NLPH	—	7,800	250	—	200	110	1,000	740
MW1	07/26/96	17.35	7.60	9.75	NLPH	—	620	23	—	8.0	0.99	26	1.0
MW1	10/30/96	17.35	8.06	9.29	NLPH	—	700	33	—	14	2.9	85	3.5
MW1	01/31/97	17.35	5.12	12.23	NLPH	—	7,600	<200	—	420	33	1,400	480
MW1	04/10/97	17.35	—	—	—	—	—	—	—	—	—	—	—
MW1	07/10/97	17.35	7.54	9.81	NLPH	—	580	12	—	10	<0.5	<0.5	<0.5
MW1	10/08/97	17.35	—	—	—	—	—	—	—	—	—	—	—
MW1	01/28/98	17.35	4.48	12.87	NLPH	—	—	—	—	—	—	—	—
MW1	04/14/98	17.35	4.69	12.66	NLPH	—	820	—	<2.5	110	2.8	170	14
MW1	07/30/98	17.35	6.19	11.16	NLPH	—	—	—	—	—	—	—	—
MW1	10/19/98	17.35	6.72	10.63	NLPH	—	2,700	41	—	210	<5.0	550	<5.0
MW1	01/13/99	17.35	6.52	10.83	NLPH	—	—	—	—	—	—	—	—
MW1	04/28/99	17.35	5.37	11.98	NLPH	—	491	9.78	—	8.0	<0.5	<0.5	<0.5
MW1	07/09/99	17.35	6.39	10.96	NLPH	—	—	—	—	—	—	—	—
MW1	10/25/99	17.35	6.68	10.67	NLPH	—	1,030	10.6	—	114	8.07	184	0.644
MW1	01/21/00	17.35	6.20	11.15	NLPH	—	—	—	—	—	—	—	—
MW1	04/14/00	17.35	5.18	12.17	NLPH	—	<50	5.1	—	<1.0	<1.0	<1.0	<1.0
MW1	06/16/00	17.35	Property transferred to Valero Refining Company.				—	—	—	—	—	—	—
MW1	07/05/00	17.35	5.93	11.42	NLPH	—	88	200	—	4.3	<0.5	0.61	<0.5
MW1	10/03/00	17.35	6.51	10.84	NLPH	—	<50	240	—	0.72	<0.5	<0.5	<0.5
MW1	01/02/01	17.35	6.17	11.18	NLPH	—	<50	68	—	0.75	<0.5	<0.5	<0.5
MW1	04/02/01	17.35	7.42	9.93	NLPH	—	140	4.3	—	<0.5	<0.5	4.1	1.1
MW1	07/02/01	17.35	6.27	11.08	NLPH	—	74	14	—	<0.5	<0.5	<0.5	<0.5
MW1	10/15/01	17.35	6.64	10.71	NLPH	—	110	83	—	2.6	<0.5	<0.5	<0.5
MW1	Nov-01	17.29	Well surveyed in compliance with AB 2886 requirements.				—	—	—	—	—	—	—
MW1	02/04/02	17.29	5.08	12.21	NLPH	52.0	75.0	67.1	—	0.70	<0.50	0.50	<0.50
MW1	05/06/02	17.29	5.48	11.81	NLPH	129	793	702	1,004	8.6	<0.5	0.5	1.1
MW1	08/22/02	17.29	7.14	10.15	NLPH	602	1,150	181	—	120	0.8	9.0	3.6
MW1	11/08/02	17.29	6.19	11.10	NLPH	504	947	182	—	95.6	4.0	3.7	2.7
MW1	02/07/03	17.29	6.00	11.29	NLPH	610	1,190	284	—	89.7	3.8	45.3	13.2
MW1	05/02/03	17.29	5.76	11.53	NLPH	797	1,020	296	—	75.8	9.0	5.7	11.9
MW1	08/14/03	17.29	7.04	10.25	NLPH	531d	822	201	—	33.9	2.8	1.5	1.9
MW1	11/14/03	17.29	6.41	10.88	NLPH	560d	574	276	—	19.8	1.8	2.0	2.2
MW1	03/01/04	17.29	4.63	12.66	NLPH	785d	1,430	—	895	46.2	3.1	14.2	9.2
MW1	06/15/04	17.29	6.05	11.24	NLPH	204d	621	668	—	11.1	<0.5	<0.5	<0.5

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 2 of 19)

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW1	09/13/04	17.29	6.62	10.67	NLPH	221d	754	479	—	34.4	1.5	1.1	1.2
MW1	12/22/04	17.29	5.67	11.62	NLPH	288d, f	775	253	—	38.8	1.0	1.8	0.8
MW1	03/24/05	17.29	4.63	12.66	NLPH	471d	952	—	120	41.6	1.4	12.8	6.0
MW1	06/14/05	17.29	5.55	11.74	NLPH	695d	605	—	91	37.9	2.5	2.6	2.5
MW1	09/12/05	17.29	8.16	9.13	NLPH	280d	1,410	—	4,780	1.43	<0.50	0.82	1.08
MW1	03/13/06	17.29	6.86	10.43	NLPH	182d	4,610	—	6000h	2.35	0.71	<0.50	<0.50
MW1	06/12/06	17.29	6.31	10.98	NLPH	470d	6,800i	—	4,600	70	<25	76	56
MW1	09/08/06	17.29	2.01	15.28	NLPH	300d,f	16,000i	—	16,000	<50	<50	<50	<50
MW1	12/05/06	17.29	6.61	10.68	NLPH	62d	4,200i	—	4,700	<25	<25	<25	<25
MW1	03/12/07	17.29	7.94	9.35	NLPH	<47	6,300i	—	9,300	<25	<25	<25	<25
MW1		5.53		11.76	NLPH	120d	3,300i	—	3,400	<25	<25	<25	<25
MW2	09/12/94	16.67	6.71	9.96	NLPH	—	31,000a	—	—	4,400	120	1,700	2,100
MW2	10/01/94	16.67	7.22	9.45	NLPH	—	45,000a	—	—	4,500	250	1,800	2,400
MW2	01/13/95	16.67	4.46	12.21	NLPH	—	—	—	—	—	—	—	—
MW2	04/27/95	16.67	6.92	9.75	NLPH	—	44,000	—	—	7,000	840	2,400	3,400
MW2	08/03/95	16.67	6.96	9.71	NLPH	—	30,000	37,000	—	4,600	170	1,600	1,100
MW2	10/17/95	16.67	7.83	8.84	NLPH	—	45,000	14,000	—	5,400	190	2,000	1,500
MW2	01/24/96	16.67	6.45	10.22	NLPH	—	30,000	4,100	—	5,000	810	2,200	2,200
MW2	04/24/96	16.67	6.00	10.67	NLPH	—	34,000	22,000	—	8,700	410	2,200	2,000
MW2	07/26/96	16.67	7.14	9.53	NLPH	—	40,000	18,000	—	10,000	<200	1,800	760
MW2	10/30/96	16.67	6.95	9.72	NLPH	—	43,000	18,000	—	9,100	<250	2,400	730
MW2	01/31/97	16.67	5.07	11.60	NLPH	—	28,000	8,000	—	2,400	630	1,500	3,300
MW2	04/10/97	16.67	—	—	NLPH	—	—	—	—	—	—	—	—
MW2	07/10/97	16.67	7.34	9.33	NLPH	—	18,000	2,600	—	2,900	82	1,500	530
MW2	10/08/97	16.67	—	—	NLPH	—	—	—	—	—	—	—	—
MW2	01/28/98	16.67	4.46	12.21	NLPH	—	29,000	—	28,000	5,600	410	1,500	720
MW2	04/14/98	16.67	4.48	12.19	—	—	—	—	—	—	—	—	—
MW2	07/30/98	16.67	6.01	10.66	NLPH	—	24,000	6,300	—	7,500	<200	1,300	280
MW2	10/19/98	16.67	6.35	10.32	NLPH	—	—	—	—	—	—	—	—
MW2	01/13/99	16.67	6.54	10.13	NLPH	—	18,400	2,200	—	4,750	211	1,760	45.3
MW2	04/28/99	16.67	5.54	11.13	—	—	—	—	—	—	—	—	—
MW2	07/09/99	16.67	6.45	10.22	NLPH	—	14,100	3,410	—	4,270	80.1	1,300	339
MW2	10/25/99	16.67	—	—	—	—	—	—	—	—	—	—	—
MW2	01/21/00	16.67	—	—	—	—	—	—	—	—	—	—	—
MW2	02/11/00	16.67	—	—	NLPH	—	<50	15	—	—	—	—	—
MW2	04/14/00	16.67	4.69	11.98	NLPH	—	—	—	—	<1.0	<1.0	<1.0	<1.0
MW2	06/16/00	16.67	Property transferred to Valero Refining Company.					—	—	—	—	—	—
MW2	07/05/00	16.67	5.44	11.23	NLPH	—	150	86	—	15	<0.5	6.2	2.8
MW2	10/03/00	16.67	6.31	10.36	NLPH	—	200	2,500	—	35	0.51	5.1	12
MW2	01/02/01	16.67	—	—	—	—	—	—	—	—	—	—	—
MW2	04/02/01	16.67	5.00	11.67	NLPH	—	<50	680	—	3.6	<0.5	<0.5	<0.5
MW2	07/02/01	16.67	5.62	11.05	NLPH	—	1,400	890	—	13	1.1	<0.5	1.1

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 3 of 19)

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 4 of 19)

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW3	04/28/99	17.11	4.95	12.16	---	---	---	---	---	---	---	---	---
MW3	07/09/99	17.11	---	---	---	---	---	---	---	---	---	---	---
MW3	10/25/99	17.11	---	---	---	---	---	---	---	---	---	---	---
MW3	01/21/00	17.11	---	---	---	---	---	---	---	---	---	---	---
MW3	04/14/00	17.11	---	---	---	---	---	---	---	---	---	---	---
MW3	06/16/00	17.11	Property transferred to Valero Refining Company.				---	---	---	---	---	---	---
MW3	07/05/00	17.11	---	---	---	---	---	---	---	---	---	---	---
MW3	10/03/00	17.11	---	---	---	---	---	---	---	---	---	---	---
MW3	01/02/01	17.11	5.78	11.33	NLPH	560c	2,700	3,100	---	1300	8.8	11	21.3
MW3	04/02/01	17.11	4.71	12.40	NLPH	620	3,700	1,400	---	1,400	11	36	21
MW3	07/02/01	17.11	5.82	11.29	NLPH	880	5,300	1,200	---	1,300	32	30	730
MW3	10/15/01	17.11	6.12	10.99	NLPH	210d	2,300	1,800	---	630	2.5	8.2	3.34
MW3	Nov-01	17.02	Well surveyed in compliance with AB 2886 requirements.				---	---	---	---	---	---	---
MW3	02/04/02	17.02	4.59	12.43	NLPH	402	8,830	1,420	---	2,300	166	150	158
MW3	05/06/02	17.02	4.84	12.18	NLPH	1,300	7,950	544	967	1,930	18.0	80.0	648
MW3	08/22/02	17.02	6.42	10.60	NLPH	416	2,270	298	---	506	3.5	8.0	6.5
MW3	11/08/02	17.02	5.66	11.36	NLPH	193	1,640	470	---	330	1.8	4.9	2.7
MW3	02/07/03	17.02	4.99	12.03	NLPH	800	1,360	662	---	328	6.5	9.0	35.0
MW3	05/02/03	17.02	4.73	12.29	NLPH	562	2,500	300	---	306	4.8	17.5	29.1
MW3	08/14/03	17.02	6.02	11.00	NLPH	227d	2,040	367	---	356	3.4	3.9	3.2
MW3	11/14/03	17.02	6.01	11.01	NLPH	280d	1,880	794	---	244	2.6	3.7	4.5
MW3	03/01/04	17.02	3.71	13.31	NLPH	484d	3,660	---	288	865	11.5	22.5	20.5
MW3	06/15/04	17.02	5.28	11.74	NLPH	866d	9,980	180	---	1,120	82.0	86.0	1,740
MW3	09/13/04	17.02	5.91	11.11	NLPH	390d	1,640	183	---	454	4.8	6.7	6.8
MW3	12/22/04	17.02	4.88	12.14	NLPH	209d,f	1,770	44.9	---	230	2.8	8.2	9.2
MW3	03/24/05	17.02	3.59	13.43	NLPH	808d	4,800	---	128	930	45.1	59.6	425
MW3	06/14/05	17.02	4.71	12.31	NLPH	1,440d	6,080	---	144	1,330	34.0	39.0	217
MW3	09/12/05	17.02	7.03	9.99	NLPH	417d	1,480	---	114	447	4.48	8.40	13.9
MW3	12/13/05	17.02	5.89	11.13	NLPH	317d	1,160	---	26.5	218	2.19	3.87	6.70
MW3	03/13/06	17.02	4.41	12.61	NLPH	640d	2,800	---	45	830	12	10	17
MW3	06/12/06	17.02	5.41	11.61	NLPH	620d,f	4,800	---	43	580	20	42	480
MW3	09/08/06	17.02	6.16	10.86	NLPH	130d	810	---	22	130	<2.5	<2.5	<2.5
MW3	12/05/06	17.02	6.61	10.41	NLPH	110d	720	---	16	100	<2.5	<2.5	<2.5
MW3	03/12/07	17.02	4.70	12.32	NLPH	160d	720	---	12	79	<2.5	4.1	4.4
MW4	09/12/94	17.34	6.80	10.54	NLPH	---	5,200a	---	---	900	57	310	490
MW4	10/01/94	17.34	7.09	10.25	NLPH	---	9,100a	---	---	1,200	66	360	380
MW4	01/13/95	17.34	4.66	12.68	NLPH	---	25,000a	---	---	1,300	200	550	1,000
MW4	04/27/95	17.34	5.54	11.80	NLPH	---	5,900	---	---	650	130	350	590
MW4	08/03/95	17.34	6.92	10.42	NLPH	---	4,200	5,700	---	1,000	<12	170	140
MW4	10/17/95	17.34	7.50	9.84	NLPH	---	6,900	1,700	---	1,300	30	360	380
MW4	01/24/96	17.34	5.81	11.53	NLPH	---	6,300	830	---	1,900	46	290	330
MW4	04/24/96	17.34	5.44	11.90	NLPH	---	5,000	1,600	---	1,800	<20	190	130

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 5 of 19)

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd ( $\mu\text{g/L}$ )	TPHg ( $\mu\text{g/L}$ )	MTBE 8021B ( $\mu\text{g/L}$ )	MTBE 8260B ( $\mu\text{g/L}$ )	B ( $\mu\text{g/L}$ )	T ( $\mu\text{g/L}$ )	E ( $\mu\text{g/L}$ )	X ( $\mu\text{g/L}$ )
MW4	07/26/96	17.34	7.03	10.31	NLPH	—	9,100	1,200	—	1,700	<25	340	280
MW4	10/30/96	17.34	7.57	9.77	NLPH	—	5,300	1,500	—	1,100	35	420	300
MW4	01/31/97	17.34	4.22	13.12	NLPH	—	6,500	40,000	—	1,200	28	490	130
MW4	04/10/97	17.34	—	—	—	—	—	—	—	—	—	—	—
MW4	07/10/97	17.34	7.56	9.78	NLPH	—	10,000	11,000	—	1,100	120	470	720
MW4	10/08/97	17.34	—	—	—	—	—	—	—	—	—	—	—
MW4	01/28/98	17.34	3.70	13.64	NLPH	—	1,700	—	4,900	450	6.8	220	73
MW4	04/14/98	17.34	3.81	13.53	—	—	—	—	—	—	—	—	—
MW4	07/30/98	17.34	5.96	11.38	NLPH	—	2,900	2,800	—	680	<10	220	56
MW4	10/19/98	17.34	6.51	10.83	NLPH	—	—	—	—	—	—	—	—
MW4	01/13/99	17.34	6.24	11.10	NLPH	—	2,140	1,800	—	146	<10	60.9	16.2
MW4	04/28/99	17.34	4.80	12.54	—	—	—	—	—	—	—	—	—
MW4	07/09/99	17.34	6.04	11.30	NLPH	—	1,300	1,310	—	322	<2.5	76.1	<2.5
MW4	10/25/99	17.34	6.51	10.83	NLPH	—	—	—	—	—	—	—	—
MW4	01/21/00	17.34	5.75	11.59	NLPH	—	2,200	1,000	—	410	3.70	40	14.4
MW4	04/14/00	17.34	4.39	12.95	NLPH	—	—	—	—	—	—	—	—
MW4	06/16/00	17.34	Property transferred to Valero Refining Company.				—	—	—	—	—	—	—
MW4	07/05/00	17.34	5.48	11.86	NLPH	—	1,600	260	—	400	3.9	100	84
MW4	10/03/00	17.34	6.22	11.12	NLPH	—	1,600	190	—	280	2	64	34.10
MW4	01/02/01	17.34	5.93	11.41	NLPH	—	840	1,000	—	210	2.5	45	28.10
MW4	04/02/01	17.34	4.89	12.45	NLPH	—	1,900	320	—	340	8.5	110	116
MW4	07/02/01	17.34	5.83	11.51	NLPH	—	100	<2	—	3.9	<0.5	0.65	<0.5
MW4	10/15/01	17.34	6.36	10.98	NLPH	—	930	360	—	140	7	24	10
MW4	Nov-01	17.29	Well surveyed in compliance with AB 2886 requirements.				—	—	—	—	—	—	—
MW4	02/04/02	17.29	4.35	12.94	NLPH	774	1,250	46.1	—	124	4.40	46.7	43.5
MW4	05/06/02	17.29	4.95	12.34	NLPH	776	2,040	1,410	2,120	165	5.0	42.0	39.0
MW4	08/22/02	17.29	6.65	10.64	NLPH	445	1,570	1,070	—	73.3	<0.5	9.9	6.8
MW4	11/08/02	17.29	5.60	11.69	NLPH	680	2,340	1,200	—	169	4.3	34.9	23.3
MW4	02/07/03	17.29	4.97	12.32	NLPH	429	2,250	672	—	125	24.9	60.0	109
MW4	05/02/03	17.29	4.92	12.37	NLPH	631	2,450	1,230	—	82.9	2.8	26.4	24.7
MW4	08/14/03	17.29	6.35	10.94	NLPH	444	1,160	286	—	97.0	2.8	14.6	7.4
MW4	11/14/03 e	17.29	—	—	—	—	—	—	—	—	—	—	—
MW4	03/01/04	17.29	3.65	13.64	NLPH	571d	1,860	—	66.7	104	4.4	38.3	25.4
MW4	06/15/04	17.29	5.60	11.69	NLPH	453d	632	35.0	—	63.8	1.6	7.3	5.9
MW4	09/13/04	17.29	6.23	11.06	NLPH	444d	1,120	93.4	—	126	3.9	17.8	9.7
MW4	12/22/04	17.29	5.01	12.28	NLPH	561d,f	1,600	31.2	—	105	3.9	24.8	13.3
MW4	03/24/05	17.29	3.64	13.65	NLPH	756d	2,120	—	255	94.9	4.9	44.6	32.3
MW4	06/14/05	17.29	4.84	12.45	NLPH	992d	1,760	—	20.3	105	5.2	25.2	15.1
MW4	09/12/05	17.29	7.41	9.88	NLPH	351d	922	—	524	48.2	<0.50	1.63	1.70
MW4	12/13/05	17.29	6.18	11.11	NLPH	728d	1,970	—	836h	144	4.63	15.9	8.64
MW4	03/13/06	17.29	4.71	12.58	NLPH	590d	1,400	—	16	84	2.7	22	15
MW4	06/12/06	17.29	5.88	11.41	NLPH	330d,f	840	—	11	83	3.0	9.8	11
MW4	09/08/06	17.29	6.48	10.81	NLPH	320d	1,000	—	65	88	3.4	6.1	3.6

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 6 of 19)

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW4	12/05/06	17.29	7.15	10.14	NLPH	240d	680	—	78	43	<2.5	3.2	<2.5
MW4	03/12/07	17.29	4.62	12.67	NLPH	390d	1,200	—	44	57	1.8	11	7.4
MW5	09/12/94	16.71	7.12	9.59	NLPH	—	10,000a	—	—	—	—	—	—
MW5	10/01/94	16.71	7.06	9.65	Sheen	—	11,000a	—	—	—	2,300	17	320
MW5	01/13/95	16.71	4.85	11.86	Sheen	—	—	—	—	—	2,300	19	220
MW5	04/27/95	16.71	6.51	10.20	NLPH	—	14,000	—	—	—	—	—	200
MW5	08/03/95	16.71	7.24	9.47	NLPH	—	<10,000	39,000	—	—	2,200	72	540
MW5	10/17/95	16.71	7.80	8.91	NLPH	—	13,000	38,000	—	—	2,100	<100	350
MW5	01/24/96	16.71	6.66	10.05	NLPH	—	10,000	20,000	—	—	1,800	14	240
MW5	04/24/96	16.71	5.80	10.91	NLPH	—	13,000	33,000	—	—	2,400	79	340
MW5	07/26/96	16.71	7.67	9.04	NLPH	—	15,000	140,000	—	—	3,700	120	520
MW5	10/30/96	16.71	7.77	8.94	NLPH	—	10,000	110,000a	—	—	3,400	53	280
MW5	01/31/97	16.71	4.90	11.81	NLPH	—	10,000	—	—	—	2,600	76	260
MW5	04/10/97	16.71	—	—	NLPH	—	—	—	—	—	2,400	66	430
MW5	07/10/97	16.71	7.65	9.06	NLPH	—	—	—	—	—	—	—	140
MW5	10/08/97	16.71	—	—	NLPH	—	9,800	36,000	52,000	—	1,400	120	190
MW5	01/28/98	16.71	3.95	12.76	NLPH	—	—	—	—	—	—	—	—
MW5	04/14/98	16.71	4.30	12.41	—	—	6,500	—	15,000	—	1,500	34	73
MW5	07/30/98	16.71	5.86	10.85	NLPH	—	—	—	—	—	—	—	—
MW5	10/19/98	16.71	6.20	10.51	NLPH	—	8,300	4,300	—	—	1,700	26	110
MW5	01/13/99	16.71	6.37	10.34	NLPH	—	—	—	—	—	—	—	66
MW5	04/28/99	16.71	5.25	11.46	—	—	4,780	3,650	—	—	1,240	11.1	<10
MW5	07/09/99	16.71	6.08	10.63	NLPH	—	4,360	2,360	—	—	—	—	—
MW5	10/25/99	16.71	6.46	10.25	NLPH	—	—	—	—	—	1,780	18.6	45
MW5	01/21/00	16.71	5.79	10.92	NLPH	—	2,600	3,100	—	—	—	—	<5.0
MW5	04/14/00	16.71	4.57	12.14	NLPH	—	—	—	—	—	720	4.7	25
MW5	06/16/00	16.71	Property transferred to Valero Refining Company.				—	—	—	—	—	—	11.3
MW5	07/05/00	16.71	5.37	11.34	NLPH	—	5,100	380	—	—	—	—	—
MW5	10/03/00	16.71	5.93	10.78	NLPH	—	5,800	630	—	—	1,800	14	52
MW5	01/02/01	16.71	5.68	11.03	NLPH	—	4,800	1,100	—	—	2,000	8.9	59
MW5	04/02/01	16.71	4.87	11.84	NLPH	—	6,800	1,500	—	—	1,600	9.6	38
MW5	07/02/01	16.71	5.77	10.94	NLPH	—	4,100	960	—	—	2,000	40	150
MW5	10/15/01	16.71	6.15	10.56	NLPH	—	3,900	1,000	—	—	1,600	20	49
MW5	Nov-01	16.64	Well surveyed in compliance with AB 2886 requirements.				—	—	—	—	—	1,400	8.7
MW5	02/04/02	16.64	4.69	11.95	NLPH	976	4,380	620	—	—	1,440	38.0	84.0
MW5	05/06/02	16.64	5.00	11.64	NLPH	1,360	3,810	764	1,220	—	1,110	20.0	50.0
MW5	08/22/02	16.64	6.98	9.66	NLPH	695	3,190	545	—	—	823	26.0	26.0
MW5	11/08/02	16.64	5.31	11.33	NLPH	645	3,360	746	—	—	1,050	9.0	31.0
MW5	02/07/03	16.64	5.75	10.89	NLPH	689	3,550	400	—	—	1,100	9.4	11.1
MW5	05/02/03	16.64	5.34	11.30	NLPH	934	4,070	439	—	—	1,100	25.0	65.0
MW5	08/14/03	16.64	6.37	10.27	NLPH	988d	3,860	286	—	—	818	16.9	31.9
MW5	11/14/03	16.64	6.01	10.63	NLPH	1,000d	3,450	198	—	—	912	15.6	28.6
									—	—	841	16.2	24.0
									—	—	14.8	17.4	15.7

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 7 of 19)

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW5	03/01/04	16.64	4.04	12.60	NLPH	711d	3,160	—	52.7	767	21.5	32.5	26.5
MW5	06/15/04	16.64	5.47	11.17	NLPH	600d	4,520	52.0	—	930	14.5	17.5	24.5
MW5	09/13/04	16.64	5.99	10.65	NLPH	686d	3,960	70.0	—	998	12.0	14.0	20.0
MW5	12/22/04	16.64	5.08	11.56	NLPH	1,200d, f	3,110	52.6	—	1,000	58.5	91.9	90.3
MW5	03/24/05	16.64	3.85	12.79	NLPH	1,240d	3,370	—	30.7	962	24.3	80.5	80.0
MW5	06/14/05	16.64	4.92	11.72	NLPH	1,640d	4,210	—	28.1	976	25.0	51.0	64.0
MW5	09/12/05	16.64	7.86	8.78	NLPH	780d	1,130	—	23.4	481	6.44	4.94	10.1
MW5	12/13/05	16.64	6.22	10.42	NLPH	1,090d	2,210	—	18.7	698	8.07	9.59	8.15
MW5	03/13/06	16.64	5.52	11.12	NLPH	770d	3,000	—	10	510	17	63	37
MW5	06/12/06	16.64	6.42	10.22	NLPH	490d, f	2,200	—	6.8	290	14	22	40
MW5	09/08/06	16.64	6.07	10.57	NLPH	600d	2,300	—	7.9	360	<10	<10	<10
MW5	12/05/06	16.64	7.71	8.93	NLPH	710d	1,900	—	7.1	300	6.3	<5.0	5.7
MW5	03/12/07	16.64	4.95	11.69	NLPH	630d	2,300	—	5.5	310	23	32	37
MW6	09/12/94	17.56	6.88	10.68	NLPH	—	1,500a	—	—	150	4.4	170	85
MW6	10/01/94	17.56	7.15	10.41	NLPH	—	87a	—	—	120	<0.5	99	38
MW6	01/13/95	17.56	4.80	12.76	NLPH	—	9,900a	—	—	710	220	780	1,100
MW6	04/27/95	17.56	6.14	11.42	NLPH	—	3,900	—	—	340	40	460	320
MW6	08/03/95	17.56	6.83	10.73	NLPH	—	1,100	65	—	89	<2.5	110	63
MW6	10/17/95	17.56	7.66	9.90	NLPH	—	8,500	<5.0	—	410	74	850	110
MW6	01/24/96	17.56	5.86	11.70	NLPH	—	31,000	<5.0	—	560	1,500	2,200	7,500
MW6	04/24/96	17.56	5.39	12.17	NLPH	—	15,000	280	—	460	570	1,400	3,300
MW6	07/26/96	17.56	6.97	10.59	NLPH	—	27,000	1,300	—	270	660	1,600	5,500
MW6	10/30/96	17.56	7.45	10.11	NLPH	—	28,000	900	—	490	440	1,800	6,200
MW6	01/31/97	17.56	4.30	13.26	NLPH	—	7,000	770	—	190	1,000	380	1,400
MW6	04/10/97	17.56	—	—	NLPH	—	—	—	—	—	—	—	—
MW6	07/10/97	17.56	7.57	9.99	NLPH	—	6,800	1,100	—	200	<50	300	860
MW6	10/08/97	17.56	7.48	10.08	NLPH	—	51,000	580	—	870	7,300	2,600	12,000
MW6	01/28/98	17.56	3.74	13.82	NLPH	—	15,000	—	2,400	650	2,300	900	2,700
MW6	04/14/98	17.56	3.92	13.64	NLPH	—	25,000	—	2,100	850	3,300	1,200	4,300
MW6	07/30/98	17.56	6.09	11.47	NLPH	—	5,900	910	—	270	65	500	630
MW6	10/19/98	17.56	6.56	11.00	NLPH	—	—	—	—	—	—	—	—
MW6	01/13/99	17.56	6.35	11.21	NLPH	—	3,150	422	—	204	107	297	304
MW6	04/28/99	17.56	4.89	12.67	NLPH	—	15,300	—	436	1,270	980	1,100	3,320
MW6	07/09/99	17.56	6.07	11.49	NLPH	—	1,140	439	—	121	9.95	160	4.69
MW6	10/25/99	17.56	6.11	11.45	NLPH	—	2,200	3,400	—	590	<10	22	12.1
MW6	01/21/00	17.56	5.86	11.70	NLPH	—	1,300	1,000	—	95	15	94	74
MW6	04/14/00	17.56	4.29	13.27	NLPH	—	13,000	420	—	440	630	840	3,000
MW6	06/16/00	17.56	Property transferred to Valero Refining Company.				—	—	—	—	—	—	—
MW6	07/05/00	17.56	5.39	12.17	NLPH	—	5,800	830	—	1,000	13	550	798
MW6	10/03/00	17.56	6.14	11.42	NLPH	—	490	3,800	—	61	<0.5	74	12
MW6	01/02/01	17.56	—	—	NLPH	—	—	—	—	—	—	—	—
MW6	04/02/01	17.56	4.70	12.86	NLPH	400	16,000	450	—	370	690	870	3,200

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 8 of 19)

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 9 of 19)

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd ( $\mu\text{g/L}$ )	TPHg ( $\mu\text{g/L}$ )	MTBE 8021B ( $\mu\text{g/L}$ )	MTBE 8260B ( $\mu\text{g/L}$ )	B ( $\mu\text{g/L}$ )	T ( $\mu\text{g/L}$ )	E ( $\mu\text{g/L}$ )	X ( $\mu\text{g/L}$ )
MW7	01/13/99	17.12	5.98	11.14	NLPH	--	273	530	--	<2.5	<2.5	<2.5	<2.5
MW7	04/28/99	17.12	4.32	12.80	--	--	--	--	--	--	--	--	--
MW7	07/09/99	17.12	5.67	11.45	NLPH	--	139	860	--	3.79	7.10	1.19	8.65
MW7	10/25/99	17.12	6.23	10.89	NLPH	--	<50	<1.0	--	<1.0	<1.0	<1.0	<1.0
MW7	01/21/00	17.12	5.41	11.71	NLPH	--	410	500	--	10	2.5	<1.0	2.5
MW7	04/14/00	17.12	3.84	13.28	NLPH	--	--	--	--	--	--	--	--
MW7	06/16/00	17.12	Property transferred to Valero Refining Company.				--	--	--	--	--	--	--
MW7	07/05/00	17.12	5.05	12.07	NLPH	--	140	480	--	<0.5	<0.5	<0.5	0.56
MW7	10/03/00	17.12	5.88	11.24	NLPH	--	370	1,900	--	<0.5	0.62	<0.5	3.20
MW7	01/02/01	17.12	5.52	11.60	NLPH	--	120	1,500	--	2.2	<0.5	<0.5	<0.5
MW7	04/02/01	17.12	4.26	12.86	NLPH	--	120	1,500	--	0.91	<0.5	<0.5	<0.5
MW7	07/02/01	17.12	5.42	11.70	NLPH	--	110	740	--	4.1	<0.5	0.75	0.84
MW7	10/15/01	17.12	7.50	9.62	NLPH	--	170	740	--	<0.5	<0.5	<0.5	0.69
MW7	Nov-01	17.06	Well surveyed in compliance with AB 2886 requirements.				--	--	--	--	--	--	--
MW7	02/04/02	17.06	3.81	13.25	NLPH	88.0	928	610	--	<0.50	<0.50	<0.50	<0.50
MW7	05/06/02	17.06	4.51	12.55	NLPH	72	591	565	712.0	2.4	<0.5	2.5	4.1
MW7	08/22/02	17.06	6.25	10.81	NLPH	<50	586	482	--	2.5	<2.5	<2.5	3.0
MW7	11/08/02	17.06	5.03	12.03	NLPH	<50	463	319	--	1.7	<0.5	<0.5	0.6
MW7	02/07/03	17.06	4.57	12.49	NLPH	<50	344	440	--	0.9	0.9	0.8	3.5
MW7	05/02/03	17.06	4.39	12.67	NLPH	<50	323	307	--	0.80	<0.5	<0.5	<0.5
MW7	08/14/03	17.06	5.96	11.10	NLPH	<50	197	45.5	--	2.00	<0.5	<0.5	1.0
MW7	11/14/03	17.06	6.04	11.02	NLPH	<50	146	48.0	--	1.50	<0.5	0.6	1.7
MW7	03/01/04	17.06	2.91	14.15	NLPH	138d	<50.0	--	8.10	<0.50	<0.5	<0.5	<0.5
MW7	06/10/04	17.06	5.18	11.88	NLPH	293d	9,830	26.0	--	501	2,280	205	1,920
MW7	09/13/04	17.06	5.85	11.21	NLPH	292d	1,350	82.5	--	64.5	<2.5	6.5	225
MW7	12/22/04	17.06	4.51	12.55	NLPH	173d,f	<50.0	12.2	--	0.50	<0.5	0.8	<0.5
MW7	03/24/05	17.06	2.92	14.14	NLPH	124d	<50.0	--	2.10	<0.50	<0.5	<0.5	<0.5
MW7	06/14/05	17.06	4.31	12.75	NLPH	89d	<50.0	--	4.50	<0.50	<0.5	<0.5	<0.5
MW7	09/12/05	17.06	6.92	10.14	NLPH	68.0d	<50.0	--	10.8	<0.50	<0.50	<0.50	<0.50
MW7	12/13/05	17.06	5.71	11.35	NLPH	249d	<50.0	--	5.93	<0.50	<0.50	<0.50	<0.50
MW7	03/13/06	17.06	3.66	13.40	NLPH	<47	<50	--	3.0	<0.50	<0.50	<0.50	<0.50
MW7	06/12/06	17.06	5.22	11.84	NLPH	<47	<50	--	2.3	<0.50	<0.50	<0.50	<0.50
MW7	09/08/06	17.06	6.27	10.79	NLPH	<47	<50	--	6.1	<0.50	<0.50	<0.50	<0.50
MW7	12/05/06	17.06	6.61	10.45	NLPH	<47	<50	--	4.1	<0.50	<0.50	<0.50	<0.50
MW7	03/12/07	17.06	4.41	12.65	NLPH	<47	<50	--	5.2	<0.50	<0.50	<0.50	<0.50
MW8	09/12/94	16.33	6.42	9.91	NLPH	--	<50a	--	--	<0.5	<0.5	<0.5	<0.5
MW8	10/01/94	16.33	6.62	9.71	NLPH	--	<50a	--	--	<0.5	<0.5	<0.5	<0.5
MW8	01/13/95	16.33	5.25	11.08	NLPH	--	<50a	--	--	<0.5	<0.5	<0.5	<0.5
MW8	04/27/95	16.33	6.00	10.33	NLPH	--	<50a	--	--	<0.5	<0.5	<0.5	<0.5
MW8	08/03/95	16.33	6.28	10.05	NLPH	--	<50	--	--	<0.5	<0.5	<0.5	<0.5
MW8	10/17/95	16.33	6.93	9.40	NLPH	--	<50	<2.5	--	<0.5	<0.5	<0.5	<0.5
MW8	01/24/96	16.33	5.71	10.62	NLPH	--	<50	<5.0	--	<0.5	<0.5	<0.5	<0.5

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 10 of 19)

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd ( $\mu\text{g/L}$ )	TPHg ( $\mu\text{g/L}$ )	MTBE 8021B ( $\mu\text{g/L}$ )	MTBE 8260B ( $\mu\text{g/L}$ )	B ( $\mu\text{g/L}$ )	T ( $\mu\text{g/L}$ )	E ( $\mu\text{g/L}$ )	X ( $\mu\text{g/L}$ )
MW8	04/24/96	16.33	5.52	10.81	NLPH	--	<50	<5.0	--	<0.5	<0.5	<0.5	<0.5
MW8	07/26/96	16.33	6.27	10.06	NLPH	--	<50	230	--	<0.5	<0.5	<0.5	<0.5
MW8	10/30/96	16.33	6.69	9.64	NLPH	--	<50	<5.0	--	<0.5	<0.5	<0.5	<0.5
MW8	01/31/97	16.33	5.18	11.15	NLPH	--	--	--	--	<0.5	<0.5	<0.5	<0.5
MW8	04/10/97	16.33	--	--	--	--	--	--	--	--	--	--	--
MW8	07/10/97	16.33	--	--	--	--	--	--	--	--	--	--	--
MW8	10/08/97	16.33	--	--	--	--	--	--	--	--	--	--	--
MW8	01/28/98	16.33	5.11	11.22	NLPH	--	--	--	--	--	--	--	--
MW8	04/14/98	16.33	5.02	11.31	NLPH	--	<50	<2.5	--	<0.5	<0.5	<0.5	<0.5
MW8	07/30/98	16.33	5.84	10.49	NLPH	--	<50	6.6	--	<0.5	<0.5	<0.5	<0.5
MW8	10/19/98	16.33	6.07	10.26	NLPH	--	<50	<2.5	--	<0.5	<0.5	<0.5	<0.5
MW8	01/13/99	16.33	5.59	10.74	NLPH	--	<50	<2.0	--	<0.5	<0.5	<0.5	<0.5
MW8	04/28/99	16.33	5.38	10.95	NLPH	--	<50	<0.5	--	<0.5	<0.5	<0.5	<0.5
MW8	07/09/99	16.33	5.71	10.62	NLPH	--	<50	--	<0.5	<0.5	<0.5	<0.5	<0.5
MW8	10/25/99	16.33	6.15	10.18	NLPH	--	<50	3.01	--	<0.5	<0.5	<0.5	<0.5
MW8	01/21/00	16.33	6.51	9.82	NLPH	--	<50	<1.0	--	<1.0	<1.0	<1.0	<1.0
MW8	04/14/00	16.33	5.54	10.79	Brown	--	<50	<1.0	--	<1.0	<1.0	<1.0	<1.0
MW8	06/16/00	16.33	Property transferred to Valero Refining Company.				<50	<1	--	<1	<1	<1	<1
MW8	07/05/00	16.33	5.67	10.66	NLPH	--	<50	<2	--	<0.5	<0.5	<0.5	<0.5
MW8	10/03/00	16.33	6.02	10.31	NLPH	--	<50	<2	--	<0.5	<0.5	<0.5	<0.5
MW8	01/02/01	16.33	5.95	10.38	NLPH	140c	<50	<2	--	<0.5	<0.5	<0.5	<0.5
MW8	04/02/01	16.33	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5
MW8	07/02/01	16.33	5.76	10.57	NLPH	<50	<50	<2	--	--	--	--	--
MW8	10/15/01	16.33	6.19	10.14	NLPH	<50	<50	<2	--	<0.5	<0.5	<0.5	<0.5
MW8	Nov-01	16.24	Well surveyed in compliance with AB 2886 requirements.				<50	<2	--	<0.5	<0.5	<0.5	<0.5
MW8	02/04/02 e	16.24	--	--	--	--	--	--	--	--	--	--	--
MW8	05/06/02	16.24	5.31	10.93	NLPH	<50	<50.0	0.5	<0.50	<0.5	<0.5	<0.5	<0.5
MW8	08/22/02	16.24	6.07	10.17	NLPH	<50	<50.0	<0.5	--	<0.5	<0.5	<0.5	<0.5
MW8	11/08/02	16.24	5.91	10.33	NLPH	<50	<50.0	<0.5	--	<0.5	<0.5	<0.5	<0.5
MW8	02/07/03	16.24	5.34	10.90	NLPH	<50	<50.0	<0.5	--	<0.5	<0.5	<0.5	<0.5
MW8	05/02/03	16.24	5.27	10.97	NLPH	<50	<50.0	<0.5	--	<0.5	<0.5	<0.5	<0.5
MW8	08/14/03	16.24	5.27	10.97	NLPH	<50	<50.0	<0.5	--	<0.50	<0.5	<0.5	<0.5
MW8	11/14/03	16.24	5.60	10.64	NLPH	<50	<50.0	<0.5	--	<0.50	<0.5	<0.5	<0.5
MW8	03/01/04	16.24	6.01	10.23	NLPH	55d	<50.0	<0.5	--	<0.50	<0.5	<0.5	<0.5
MW8	06/15/04	16.24	5.16	11.08	NLPH	<50	<50.0	--	<0.50	<0.50	<0.5	0.7	1.7
MW8	09/13/04	16.24	5.36	10.88	NLPH	<50	<50.0	<0.50	--	<0.50	<0.5	<0.5	<0.5
MW8	12/22/04	16.24	5.81	10.43	NLPH	<50	<50.0	0.9	--	<0.50	<0.5	<0.5	<0.5
MW8	03/24/05	16.24	5.42	10.82	NLPH	<50	<50.0	<0.50	--	0.50	<0.5	0.5	<0.5
MW8	06/14/05	16.24	5.03	11.21	NLPH	<50	<50.0	--	<0.50	<0.50	<0.5	<0.5	<0.5
MW8	09/12/05	16.24	5.09	11.15	NLPH	<50	<50.0	--	<0.50	<0.50	<0.5	<0.5	<0.5
MW8	12/13/05	16.24	5.69	10.55	NLPH	69.5d	<50.0	--	<0.500	<0.50	<0.50	<0.50	<0.50
MW8	03/13/06	16.24	5.28	10.96	NLPH	<50.0	<50.0	--	<0.500	<0.50	<0.50	<0.50	<0.50
MW8	06/12/06	16.24	4.58	11.66	NLPH	<47	<50	--	<0.50	0.69	<0.50	<0.50	<0.50

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 11 of 19)

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd ( $\mu\text{g/L}$ )	TPHg ( $\mu\text{g/L}$ )	MTBE 8021B ( $\mu\text{g/L}$ )	MTBE 8260B ( $\mu\text{g/L}$ )	B ( $\mu\text{g/L}$ )	T ( $\mu\text{g/L}$ )	E ( $\mu\text{g/L}$ )	X ( $\mu\text{g/L}$ )
MW8	09/08/06	16.24	4.58	11.66	NLPH	<50	<50	—	<0.50	<0.50	<0.50	<0.50	<0.50
MW8	12/05/06	16.24	6.02	10.22	NLPH	<47	<50	—	<0.50	<0.50	<0.50	<0.50	<0.50
MW8	03/12/07	16.24	5.31	10.93	NLPH	<47	<50	—	<0.50	<0.50	<0.50	<0.50	<0.50
MW9	09/12/94	15.62	6.84	8.78	NLPH	—	<50a	—	—	<0.5	<0.5	<0.5	<0.5
MW9	10/01/94	15.62	6.97	8.65	NLPH	—	<50a	—	—	<0.5	<0.5	<0.5	<0.5
MW9	01/13/95	15.62	6.18	9.44	NLPH	—	<50a	—	—	<0.5	<0.5	<0.5	<0.5
MW9	04/27/95	15.62	6.58	9.04	NLPH	—	<50a	—	—	<0.5	<0.5	<0.5	<0.5
MW9	08/03/95	15.62	6.72	8.90	NLPH	—	<50	—	—	<0.5	<0.5	<0.5	<0.5
MW9	10/17/95	15.62	7.09	8.53	NLPH	—	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW9	01/24/96	15.62	6.46	9.16	NLPH	—	<50	<5.0	—	<0.5	<0.5	<0.5	<0.5
MW9	04/24/96	15.62	6.43	9.19	NLPH	—	<50	<5.0	—	<0.5	<0.5	<0.5	<0.5
MW9	07/26/96	15.62	6.80	8.82	NLPH	—	<50	<5.0	—	<0.5	<0.5	<0.5	<0.5
MW9	10/30/96	15.62	6.94	8.68	NLPH	—	<50	<5.0	—	<0.5	<0.5	<0.5	<0.5
MW9	01/31/97	15.62	6.10	9.52	NLPH	—	<50	<5.0	—	<0.5	<0.5	<0.5	<0.5
MW9	04/10/97	15.62	—	—	—	—	—	—	—	—	—	—	—
MW9	07/10/97	15.62	—	—	—	—	—	—	—	—	—	—	—
MW9	10/08/97	15.62	—	—	—	—	—	—	—	—	—	—	—
MW9	01/28/98	15.62	5.66	9.96	NLPH	—	—	—	—	—	—	—	—
MW9	04/14/98	15.62	—	—	—	—	—	—	—	—	—	—	—
MW9	07/30/98	15.62	6.17	9.45	NLPH	—	—	—	—	—	—	—	—
MW9	10/19/98	15.62	6.40	9.22	NLPH	—	—	—	—	—	—	—	—
MW9	01/13/99	15.62	6.28	9.34	NLPH	—	—	—	—	—	—	—	—
MW9	04/28/99	15.62	5.87	9.75	NLPH	—	<50	—	<0.5	<0.5	<0.5	<0.5	<0.5
MW9	07/09/99	15.62	6.24	9.38	NLPH	—	<50	<2.0	—	<0.5	<0.5	<0.5	<0.5
MW9	10/25/99	15.62	6.67	8.95	NLPH	—	<50	<1.0	—	<0.5	<0.5	<0.5	<0.5
MW9	01/21/00	15.62	6.93	8.69	NLPH	—	<50	<1.0	—	<1.0	<1.0	<1.0	<1.0
MW9	04/14/00	15.62	6.05	9.57	Turbid	—	<50	<1	—	<1.0	<1.0	<1.0	<1.0
MW9	06/16/00	15.62	Property transferred to Valero Refining Company.				<50	<1	—	<1	<1	<1	<1
MW9	07/05/00	15.62	6.34	9.28	NLPH	—	<50	<2	—	<0.5	<0.5	<0.5	<0.5
MW9	10/03/00	15.62	6.52	9.10	NLPH	—	<50	<2	—	<0.5	<0.5	<0.5	<0.5
MW9	01/02/01	15.62	6.53	9.09	NLPH	—	<50	<2	—	<0.5	<0.5	<0.5	<0.5
MW9	04/02/01	15.62	6.21	9.41	NLPH	—	<50	<2	—	<0.5	<0.5	<0.5	<0.5
MW9	07/02/01	15.62	6.40	9.22	NLPH	—	<50	<2	—	<0.5	<0.5	0.57	0.73
MW9	10/15/01	15.62	6.65	8.97	NLPH	—	<50	<2	—	<0.5	<0.5	<0.5	<0.5
MW9	Nov-01	15.56	Well surveyed in compliance with AB 2886 requirements.				<50	<2	—	<0.5	<0.5	<0.5	<0.5
MW9	02/04/02	15.56	4.77	10.79	NLPH	<50.0	<50.0	0.50	—	<0.50	<0.50	<0.50	<0.50
MW9	05/06/02	15.56	6.29	9.27	NLPH	<50	<50.0	<0.5	<0.50	<0.5	<0.5	<0.5	<0.5
MW9	08/22/02	15.56	6.70	8.86	NLPH	<50	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
MW9	11/08/02	15.56	6.55	9.01	NLPH	<50	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
MW9	02/07/03	15.56	6.35	9.21	NLPH	<50	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
MW9	05/02/03	15.56	6.16	9.40	NLPH	91	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
MW9	08/14/03	15.56	6.54	9.02	NLPH	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 12 of 19)

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd ( $\mu\text{g/L}$ )	TPHg ( $\mu\text{g/L}$ )	MTBE 8021B ( $\mu\text{g/L}$ )	MTBE 8260B ( $\mu\text{g/L}$ )	B ( $\mu\text{g/L}$ )	T ( $\mu\text{g/L}$ )	E ( $\mu\text{g/L}$ )	X ( $\mu\text{g/L}$ )
MW9	11/14/03	15.56	6.60	8.96	NLPH	<50	<50.0	<0.5	--	<0.50	<0.5	<0.5	<0.5
MW9	03/01/04	15.56	5.89	9.67	NLPH	<50	<50.0	--	<0.50	<0.50	<0.5	<0.5	<0.5
MW9	06/15/04	15.56	6.43	9.13	NLPH	<50	<50.0	<0.50	--	<0.50	<0.5	<0.5	<0.5
MW9	09/13/04	15.56	6.58	8.98	NLPH	<50	<50.0	<0.50	--	<0.50	<0.5	<0.5	<0.5
MW9	12/22/04	15.56	6.28	9.28	NLPH	<50	<50.0	<0.50	--	<0.50	<0.5	<0.5	<0.5
MW9	03/24/05	15.56	5.61	9.95	NLPH	<50	<50.0	<0.50	--	<0.50	<0.5	<0.5	<0.5
MW9	06/14/05	15.56	6.06	9.50	NLPH	<50	<50.0	--	<0.50	<0.50	<0.5	<0.5	<0.5
MW9	09/12/05	15.56	6.65	8.91	NLPH	<50.0	<50.0	--	<0.500	<0.50	<0.5	<0.5	<0.5
MW9	12/13/05	15.56	6.32	9.24	NLPH	<50.0	<50.0	--	<0.500	<0.50	<0.50	<0.50	<0.50
MW9	03/13/06	15.56	5.90	9.66	NLPH	<47	<50	--	<0.500	<0.50	<0.50	<0.50	<0.50
MW9	06/12/06	15.56	5.96	9.60	NLPH	<47	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50
MW9	09/08/06	15.56	6.43	9.13	NLPH	<47	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50
MW9	12/05/06	15.56	6.45	9.11	NLPH	<47	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50
MW9	03/12/07	15.56	5.98	9.58	NLPH	<47	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50
MW10	09/12/94	16.79	7.04	9.75	NLPH	--	71a	--	--	<0.5	<0.5	1.6	<0.5
MW10	10/01/94	16.79	7.30	9.49	NLPH	--	330a	--	--	1.1	<0.5	2.8	0.73
MW10	01/13/95	16.79	6.04	10.75	NLPH	--	90a	--	--	<0.5	<0.5	<0.5	<0.5
MW10	04/27/95	16.79	6.66	10.13	NLPH	--	140	--	--	<0.5	<0.5	5.4	1.3
MW10	08/03/95	16.79	7.23	9.56	NLPH	--	150	<2.5	--	<0.5	<0.5	<0.5	<0.5
MW10	10/17/95	16.79	7.93	8.86	NLPH	--	<50	95	--	<0.5	<0.5	62	<0.5
MW10	01/24/96	16.79	6.43	10.36	NLPH	--	760	24	--	1.6	0.52	28	
MW10	04/24/96	16.79	6.42	10.37	NLPH	--	110	6.8	--	<0.5	<0.5	7.1	<0.5
MW10	07/26/96	16.79	7.47	9.32	NLPH	--	140	<5.0	--	<0.5	<0.5	12	0.86
MW10	10/30/96	16.79	7.88	8.91	NLPH	--	<50	5.6	--	<0.5	<0.5	<0.5	<0.5
MW10	01/31/97	16.79	5.88	10.91	NLPH	--	<50	10	--	<0.5	<0.5	4,300	
MW10	04/10/97	16.79	--	--	NLPH	--	--	--	--	--	--	--	
MW10	07/10/97	16.79	7.32	9.47	NLPH	--	<50	<2.5	--	<0.5	<0.5	2,500	
MW10	10/08/97	16.79	--	--	NLPH	--	--	--	--	--	--	--	
MW10	12/12/97	Well destroyed.											
MW11	10/17/95	18.04	7.72	10.32	NLPH	--	34,000	890	--	3,800	150	950	4,500
MW11	01/24/96	18.04	5.97	12.07	NLPH	--	44,000	<500	--	3,800	1,200	2,100	9,800
MW11	04/24/96	18.04	5.84	12.20	NLPH	--	34,000	720	--	2,900	1,400	1,700	8,300
MW11	07/26/96	18.04	6.98	11.06	NLPH	--	39,000	800	--	4,600	4,200	950	9,500
MW11	10/30/96	18.04	7.54	10.50	NLPH	--	53,000	990	--	4,200	3,600	2,100	9,600
MW11	01/31/97	18.04	5.00	13.04	NLPH	--	23,000	--	310	170	2,500	940	4,300
MW11	04/10/97	18.04	--	--	NLPH	--	29,000	200	--	1,200	440	970	6,400
MW11	07/10/97	18.04	7.30	10.74	NLPH	--	42,000	690	--	1,700	870	1,900	12,000
MW11	10/08/97	18.04	7.62	10.42	NLPH	--	42,000	1,100	--	1,700	2,500	1,400	9,900
MW11	01/28/98	18.04	4.77	13.27	NLPH	--	35,000	--	6,800	2,400	3,500	1,700	7,900
MW11	04/14/98	18.04	4.68	13.36	NLPH	--	15,000	--	1,200	1,700	250	500	2,000
MW11	07/30/98	18.04	6.33	11.71	NLPH	--	24,000	1,700	--	1,600	560	1,000	4,300

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 13 of 19)

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW11	10/19/98	18.04	6.65	11.39	NLPH	--	29,000	1,700	--	1,200	2,500	920	4,900
MW11	01/13/99	18.04	6.42	11.62	NLPH	--	50,900	1,920	--	2,210	6,440	2,030	10,600
MW11	04/28/99	18.04	5.30	12.74	NLPH	--	59,400	--	2,390	3,790	4,260	1,790	2,970
MW11	07/09/99	18.04	6.22	11.82	NLPH	--	51,500	4,630	--	5,890	5,340	2,370	12,700
MW11	10/25/99	18.04	6.77	11.27	NLPH	--	51,000	1,700	--	3,900	5,800	2,300	12,300
MW11	01/21/00	18.04	6.47	11.57	NLPH	--	56,000	1,100	--	2,300	4,600	2,100	11,600
MW11	04/14/00	18.04	5.09	12.95	NLPH	--	42,000	2,100	--	3,000	2,600	1,600	8,000
MW11	06/16/00	18.04	Property transferred to Valero Refining Company.										
MW11	07/05/00	18.04	5.93	12.11	NLPH	--	32,000	3,900	--	3,000	2,700	1,300	6,200
MW11	10/03/00	18.04	6.57	11.47	NLPH	--	46,000	4,300	--	2,900	3,600	1,600	7,900
MW11	01/02/01	18.04	6.46	11.58	NLPH	1,600c	44,000	4,200	--	3,900	3,600	1,300	6,500
MW11	04/02/01	18.04	5.44	12.60	NLPH	2,000	39,000	3,100	--	2,600	3,600	1,500	7,500
MW11	07/02/01	18.04	9.10	8.94	NLPH	2,300	45,000	3,000	--	2,000	2,000	1,400	7,200
MW11	10/15/01	18.04	8.10	9.94	NLPH	1,400d	55,000	2,600	--	5,100	5,700	1,900	9,100
MW11	Nov-01	17.98	Well surveyed in compliance with AB 2886 requirements.										
MW11	02/04/02	17.98	5.14	12.84	NLPH	2,430	37,800	1,910	--	3,340	3,550	1,450	6,480
MW11	05/06/02	17.98	5.51	12.47	NLPH	3,000	27,200	1,350	1,984	1,420	1,580	1,110	4,960
MW11	08/22/02	17.98	6.63	11.35	NLPH	5,660	28,100	2,240	--	2,020	1,520	1,120	5,360
MW11	11/08/02	17.98	5.34	12.64	NLPH	3,680	26,000	246	--	1,170	2,130	1,020	5,390
MW11	02/07/03	17.98	5.42	12.56	NLPH	4,360	50,000	1,400	--	3,660	4,500	1,920	8,600
MW11	05/02/03	17.98	5.17	12.81	NLPH	2,330	41,200	1,080	--	1,980	1,860	1,450	7,100
MW11	08/14/03	17.98	6.42	11.56	NLPH	5,480d	46,700	1,140	--	3,360	2,150	1,870	7,640
MW11	11/14/03	17.98	6.39	11.59	NLPH	3,530d	45,800	240	--	2,070	3,300	2,010	8,680
MW11	03/01/04	17.98	4.58	13.40	NLPH	2,030d	5,540	--	61.7	246	350	205	904
MW11	06/15/04	17.98	5.83	12.15	NLPH	2,090d	48,100	580	--	2,040	2,160	2,430	10,100
MW11	09/13/04	17.98	6.41	11.57	NLPH	3,220d	40,300	250	--	2,210	1,290	1,930	8,350
MW11	12/22/04	17.98	5.49	12.49	NLPH	1,770d,f	20,800	105	--	1,060	1,540	750	3,220
MW11	03/24/05	17.98	4.22	13.76	NLPH	643d	4,030	--	800	64.0	52.1	114	532
MW11	06/14/05	17.98	5.42	12.56	NLPH	3,830d	36,900	--	351	1,330	2,760	1,520	6,870
MW11	09/12/05	17.98	7.18	10.80	NLPH	4,020d	16,600	--	245	1,050	795	1,090	4,190
MW11	12/13/05	17.98	6.52	11.46	NLPH	2,670d	28,700	--	97.0	942	527	1,320	6,070
MW11	03/13/06	17.98	4.95	13.03	NLPH	1,100d	5,000	--	<0.50	17	<10	130	730
MW11	06/12/06	17.98	5.77	12.21	NLPH	1,300d,f	28,000	--	21	920	1,500	1,400	5,100
MW11	09/08/06	17.98	6.70	11.28	NLPH	2,300d	21,000	--	25	990	790	1,000	3,700
MW11	12/05/06	17.98	6.93	11.05	NLPH	2,900d	21,000	--	37	700	510	1,000	4,500
MW11	03/12/07	17.98	5.40	12.58	NLPH	1,200d	13,000	--	28	420	280	580	2,700
MW12	10/17/95	16.30	6.38	9.92	NLPH	--	<50	<5.0	--	<0.5	<0.5	<0.5	<0.5
MW12	01/24/96	16.30	4.86	11.44	NLPH	--	<50	<5.0	--	<0.5	<0.5	<0.5	<0.5
MW12	04/24/96	16.30	4.46	11.84	NLPH	--	<50	<5.0	--	<0.5	<0.5	<0.5	<0.5
MW12	07/26/96	16.30	5.90	10.40	NLPH	--	<50	<5.0	--	<0.5	0.68	<0.5	0.72
MW12	10/30/96	16.30	6.56	9.74	NLPH	--	<50	<5.0	--	<0.5	<0.5	<0.5	<0.5
MW12	01/31/97	16.30	4.57	11.73	NLPH	--	<50	<5.0	--	<0.5	<0.5	<0.5	<0.5

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 14 of 19)

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 15 of 19)

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 16 of 19)

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 17 of 19)

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 18 of 19)

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 19 of 19)

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Notes:	
SUBJ	= Data prior to Second Quarter 2000 provided by Delta Environmental Consultants, Inc.
NLPH	= Results of subjective evaluation, liquid-phase hydrocarbon thickness in feet.
SPL	= No liquid-phase hydrocarbons.
TOC	= Separate-phase liquids present.
DTW	= Top of well casing elevation; datum is mean sea level.
GW Elev.	= Depth to water.
TPHg	= Groundwater elevation; datum is mean sea level.
TPHd	= Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015B (modified).
MTBE 8021B	= Total petroleum hydrocarbons as diesel using EPA Method 5030/8015 (modified).
MTBE 8260B	= Methyl tertiary butyl ether analyzed using EPA Method 8021B.
BTEX	= Methyl tertiary butyl ether analyzed using EPA Method 8260B.
EDB	= Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
1,2-DCA	= 1,2-Dibromoethane analyzed using EPA Method 8260B.
TAME	= 1,2-Dichloroethane analyzed using EPA Method 8260B.
TBA	= Tertiary amyl methyl ether analyzed using EPA Method 8260B.
ETBE	= Tertiary butyl alcohol analyzed using EPA Method 8260B.
DIPE	= Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
Ethanol	= Di-isopropyl ether analyzed using EPA Method 8260B.
µg/L	= Ethanol analyzed using EPA Method 8260B.
--	= Micrograms per liter.
<	= Not measured/Not sampled/Not analyzed.
a	= Less than the stated laboratory method reporting limit.
b	= Total volatile hydrocarbons by DHS /LUFT Manual Method.
c	= Results obtained from a 1:10 dilution analyzed on January 17, 1995.
d	= Diesel-range hydrocarbons reportedly detected in bailer blank; result is suspect.
e	= TPHd was detected in the sample; however, the detections do not resemble the typical diesel pattern.
f	= Well inaccessible.
g	= Analyte detected in laboratory method blank; result is suspect.
h	= Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.
i	= Initial analysis within holding time. Reanalysis for required dilution, confirmation, or QA/QC was past holding time.
	= Elevated result due to single analyte peak(s) in the quantitation range.

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 1 of 7)

Well ID	Sampling Date	ETBE ( $\mu\text{g/L}$ )	TAME ( $\mu\text{g/L}$ )	TBA ( $\mu\text{g/L}$ )	1,2-DCA ( $\mu\text{g/L}$ )	EDB ( $\mu\text{g/L}$ )	DIPE ( $\mu\text{g/L}$ )	Ethanol ( $\mu\text{g/L}$ )
MW1	09/12/94 - 04/14/00	Not analyzed for these analytes.						
MW1	06/16/00	Property transferred to Valero Refining Company.						
MW1	07/05/00 - 02/04/02	Not analyzed for these analytes.						
MW1	05/06/02	<0.50	<0.50	297	<0.50	<0.50	<0.50	—
MW1	08/22/02 - 11/14/03	Not analyzed for these analytes.						
MW1	03/01/04	<0.50	<0.50	42.3	<0.50	<0.50	<0.50	—
MW1	06/15/04	—	—	—	—	—	—	—
MW1	09/13/04	—	—	—	—	—	—	<100
MW1	12/22/04	—	—	—	—	—	—	—
MW1	03/24/05	<0.50	<0.50	3,020	<0.50	<0.50	<0.50	—
MW1	06/14/05	<0.50	<0.50	6,590	<0.50	<0.50	<0.50	<50.0
MW1	09/12/05	<0.500	<0.500	10,900	<0.500	<0.500	<0.500	<50.0
MW1	12/13/05	<0.500	<0.500	6,590h	<0.500	<0.500	<0.500	<50.0
MW1	03/13/06	<50	<50	15,000	<50	<50	<50	<50.0
MW1	06/12/06	<50	<50	26,000	<50	<50	<50	—
MW1	09/08/06	<25	<25	22,000	<25	<25	<25	—
MW1	12/05/06	<25	<25	12,000	<25	<25	<25	—
MW1	03/12/07	<100	<100	9,000	<100	<100	<100	—
MW2	09/12/94 - 04/14/00	Not analyzed for these analytes.						
MW2	06/16/00	Property transferred to Valero Refining Company.						
MW2	07/05/00 - 10/15/01	Not analyzed for these analytes.						
MW2	02/04/02	69	—	—	—	—	—	—
MW2	05/06/02	252	<0.50	44.8	<0.50	<0.50	<0.50	—
MW2	08/22/02	178	—	—	—	—	—	—
MW2	11/08/02	83	—	—	—	—	—	—
MW2	02/07/03	<50	—	—	—	—	—	—
MW2	05/02/03	56	—	—	—	—	—	—
MW2	08/14/03	62	—	—	—	—	—	—
MW2	11/14/03	132	—	—	—	—	—	—
MW2	03/01/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
MW2	06/15/04	—	—	—	—	—	—	—
MW2	09/13/04	—	—	—	—	—	—	<100
MW2	12/22/04	—	—	—	—	—	—	—
MW2	03/24/05	<0.50	<0.50	37	<0.50	<0.50	<0.50	<50.0
MW2	06/14/05	<0.50	<0.50	41.1	1.90	<0.50	<0.50	<50.0
MW2	09/12/05	<0.500	<0.500	181	<0.500	<0.500	<0.500	<50.0
MW2	12/13/05	<0.500	<0.500	159	<0.500	<0.500	0.680	<50.0
MW2	03/13/06	<0.50	<0.50	28	<0.50	<0.50	<0.50	<50.0
MW2	06/12/06	<0.50	<0.50	40	<0.50	<0.50	<0.50	<100
MW2	09/08/06	<0.50	<0.50	440	<0.50	<0.50	<0.50	<100

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 2 of 7)

Well ID	Sampling Date	ETBE ( $\mu\text{g/L}$ )	TAME ( $\mu\text{g/L}$ )	TBA ( $\mu\text{g/L}$ )	1,2-DCA ( $\mu\text{g/L}$ )	EDB ( $\mu\text{g/L}$ )	DIPE ( $\mu\text{g/L}$ )	Ethanol ( $\mu\text{g/L}$ )
MW2	12/05/06	<0.50	<0.50	620	<0.50	<0.50	0.51	<100
MW2	03/12/07	<0.50	<0.50	290	<0.50	<0.50	<0.50	<100
MW3	09/12/94 - 04/14/00	Not analyzed for these analytes.						
MW3	06/16/00	Property transferred to Valero Refining Company.						
MW3	07/05/00 - 02/04/02	Not analyzed for these analytes.						
MW3	05/06/02	<0.50	<0.50	194.0	<0.50	<0.50	<0.50	---
MW3	08/22/02 - 11/14/03	Not analyzed for these analytes.						
MW3	03/01/04	<0.50	<0.50	3550.0	<0.50	<0.50	<0.50	---
MW3	06/15/04	---	---	---	---	---	---	---
MW3	09/13/04	---	---	---	---	---	---	<100
MW3	12/22/04	---	---	---	---	---	---	---
MW3	03/24/05	<0.50	<0.50	12,600	<0.50	<0.50	<0.50	<50.0
MW3	06/14/05	<0.50	<0.50	10,500	<0.50	<0.50	<0.50	<50.0
MW3	09/12/05	<0.500	<0.500	16,100	10.4	<0.500	<0.500	<50.0
MW3	12/13/05	<0.500	<0.500	3530h	5.04	<0.500	<0.500	<50.0
MW3	03/13/06	<0.50	<0.50	12,000h	<0.50	<0.50	<0.50	<50.0
MW3	06/12/06	<5.0	<5.0	8,000	<5.0	<5.0	<5.0	<100
MW3	09/08/06	<2.5	<2.5	6,700	<2.5	<2.5	<2.5	<1,000
MW3	12/05/06	<2.5	<2.5	6,700	<2.5	<2.5	<2.5	<500
MW3	03/12/07	<2.5	<2.5	5,900	<2.5	<2.5	<2.5	<500
MW4	09/12/94 - 04/14/00	Not analyzed for these analytes.						
MW4	06/16/00	Property transferred to Valero Refining Company.						
MW4	07/05/00 - 02/04/02	Not analyzed for these analytes.						
MW4	05/06/02	0.8	<0.50	499.0	<0.50	<0.50	<0.50	---
MW4	08/22/02 - 11/14/03	Not analyzed for these analytes.						
MW4	03/01/04	<0.50	<0.50	1,780	<0.50	<0.50	<0.50	---
MW4	06/15/04	---	---	---	---	---	---	<100
MW4	09/13/04	---	---	---	---	---	---	---
MW4	12/22/04	---	---	---	---	---	---	---
MW4	03/24/05	<0.50	<0.50	8,860	<0.50	<0.50	<0.50	<50.0
MW4	06/14/05	<0.50	<0.50	5,890	2.20	<0.50	<0.50	<50.0
MW4	09/12/05	<0.500	<0.500	7,230	<0.500	<0.500	<0.500	<50.0
MW4	12/13/05	<0.500	<0.500	3,750g	3.49	<0.500	<0.500	<50.0
MW4	03/13/06	<0.50	<0.50	2,000	<0.50	<0.50	<0.50	<100
MW4	06/12/06	<0.50	<0.50	740	<0.50	<0.50	<0.50	<100
MW4	09/08/06	<0.50	<0.50	2,800	<0.50	<0.50	<0.50	<100
MW4	12/05/06	<0.50	<0.50	3,900	<0.50	<0.50	<0.50	<100
MW4	03/12/07	<1.0	<1.0	2,800	<1.0	<1.0	<1.0	<200

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 3 of 7)

Well ID	Sampling Date	ETBE ( $\mu\text{g/L}$ )	TAME ( $\mu\text{g/L}$ )	TBA ( $\mu\text{g/L}$ )	1,2-DCA ( $\mu\text{g/L}$ )	EDB ( $\mu\text{g/L}$ )	DIPE ( $\mu\text{g/L}$ )	Ethanol ( $\mu\text{g/L}$ )
MW5	09/12/94 - 04/14/00	Not analyzed for these analytes.						
MW5	06/16/00	- Property transferred to Valero Refining Company.						
MW5	07/05/00 - 02/04/02	Not analyzed for these analytes.						
MW5	05/06/02	<0.50	<0.50	306	<0.50	<0.50	3	---
MW5	08/22/02 - 11/14/03	Not analyzed for these analytes.						
MW5	03/01/04	<0.50	<0.50	528	<0.50	<0.50	1	---
MW5	06/15/04	---	---	---	---	---	1	---
MW5	09/13/04	---	---	---	---	---	---	<100
MW5	12/22/04	---	---	---	---	---	---	---
MW5	03/24/05	<0.50	<0.50	1,560	<0.50	<0.50	1.30	---
MW5	06/14/05	<0.50	<0.50	908	<0.50	<0.50	1.70	<50.0
MW5	09/12/05	<0.500	<0.500	1,130	13.6	<0.500	<0.500	<50.0
MW5	12/13/05	<0.500	<0.500	878	16.5	<0.500	<0.500	<50.0
MW5	03/13/06	<0.50	<0.50	1,800h	<0.50	<0.500	1.01	<50.0
MW5	06/12/06	<2.5	<2.5	800	<2.5	<2.5	<0.50	<100
MW5	09/08/06	<2.5	<2.5	79	<2.5	<2.5	<2.5	<500
MW5	12/05/06	<0.50	<0.50	230	<0.50	<0.50	<2.5	<500
MW5	03/12/07	<0.50	<0.50	290	<0.50	<0.50	<0.50	<100
MW5							<0.50	<100
MW6	09/12/94 - 04/14/00	Not analyzed for these analytes.						
MW6	06/16/00	- Property transferred to Valero Refining Company.						
MW6	07/05/00 - 02/04/02	Not analyzed for these analytes.						
MW6	05/06/02	<0.50	<0.50	32	<0.50	<0.50	<0.50	---
MW6	08/22/02 - 11/14/03	Not analyzed for these analytes.						
MW6	03/01/04	<0.50	<0.50	2,000	<0.50	<0.50	<0.50	---
MW6	06/15/04	---	---	---	---	---	<0.50	---
MW6	09/13/04	---	---	---	---	---	---	<100
MW6	12/22/04	---	---	---	---	---	---	---
MW6	03/24/05	<0.50	<0.50	14,700	<0.50	<0.50	<0.50	---
MW6	06/14/05	<0.50	<0.50	22,800	<0.50	<0.50	<0.50	<50.0
MW6	09/12/05	<0.500	<0.500	15,400	<0.500	<0.500	<0.500	<50.0
MW6	12/13/05	<0.500	<0.500	5,640g	<0.500	<0.500	<0.500	<50.0
MW6	03/13/06	<5.0	<5.0	11,000	<5.0	<5.0	<5.0	<50.0
MW6	06/12/06	<5.0	<5.0	7,700	<5.0	<5.0	<5.0	<1,000
MW6	09/08/06	<5.0	<5.0	6,000	<5.0	<5.0	<5.0	<1,000
MW6	12/05/06	<2.5	<2.5	11,000	<2.5	<2.5	<2.5	<1,000
MW6	03/12/07	<2.5	<2.5	5,200	<2.5	<2.5	<2.5	<500
MW6							<2.5	<500
MW7	09/12/94 - 04/14/00	Not analyzed for these analytes.						
MW7	06/16/00	- Property transferred to Valero Refining Company.						
MW7	07/05/00 - 02/04/02	Not analyzed for these analytes.						
MW7	05/06/02	<0.50	<0.50	144	<0.50	<0.50	<0.50	---

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 4 of 7)

Well ID	Sampling Date	ETBE ( $\mu\text{g/L}$ )	TAME ( $\mu\text{g/L}$ )	TBA ( $\mu\text{g/L}$ )	1,2-DCA ( $\mu\text{g/L}$ )	EDB ( $\mu\text{g/L}$ )	DIPE ( $\mu\text{g/L}$ )	Ethanol ( $\mu\text{g/L}$ )
MW7	08/22/02 - 11/14/03	Not analyzed for these analytes.						
MW7	03/01/04	<0.50	<0.50	295	<0.50	<0.50	<0.50	—
MW7	06/15/04	—	—	—	—	—	—	—
MW7	09/13/04	—	—	—	—	—	—	<100
MW7	12/22/04	—	—	—	—	—	—	—
MW7	03/24/05	<0.50	<0.50	163	<0.50	<0.50	<0.50	—
MW7	06/14/05	<0.50	<0.50	878	<0.50	<0.50	<0.50	<50.0
MW7	09/12/05	<0.500	<0.500	6,910	<0.500	<0.500	<0.500	<50.0
MW7	12/13/05	<0.500	<0.500	683	<0.500	<0.500	<0.500	<50.0
MW7	03/13/06	<0.50	<0.50	120	<0.50	<0.50	<0.50	<50.0
MW7	06/12/06	<0.50	<0.50	31	<0.50	<0.50	<0.50	<100
MW7	09/08/06	<0.50	<0.50	550	<0.50	<0.50	<0.50	<100
MW7	12/05/06	<0.50	<0.50	200	<0.50	<0.50	<0.50	<100
MW7	03/12/07	<0.50	<0.50	370	<0.50	<0.50	<0.50	<100
MW8	09/12/94 - 01/13/99	Not analyzed for these analytes.						
MW8	04/28/99	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
MW8	07/09/99 - 04/14/00	Not analyzed for these analytes.						
MW8	06/16/00 - Property transferred to Valero Refining Company.							
MW8	07/05/00 - 02/04/02	Not analyzed for these analytes.						
MW8	05/06/02	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
MW8	08/22/02 - 11/14/03	Not analyzed for these analytes.						
MW8	03/01/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
MW8	06/15/04	—	—	—	—	—	—	—
MW8	09/13/04	—	—	—	—	—	—	<100
MW8	12/22/04	—	—	—	—	—	—	—
MW8	03/24/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW8	06/14/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW8	09/12/05	<0.500	<0.500	46.2	<0.500	<0.500	<0.500	<50.0
MW8	12/13/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
MW8	03/13/06	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<50.0
MW8	06/12/06	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	—
MW8	09/08/06	<0.50	<0.50	6.9	<0.50	<0.50	<0.50	—
MW8	12/05/06	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	—
MW8	03/12/07	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	—
MW9	09/12/94 - 04/14/00	Not analyzed for these analytes.						
MW9	06/16/00 - Property transferred to Valero Refining Company.							
MW9	07/05/00 - 02/04/02	Not analyzed for these analytes.						
MW9	05/06/02	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
MW9	08/22/02 - 11/14/03	Not analyzed for these analytes.						
MW9	03/01/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 5 of 7)

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 6 of 7)

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 7 of 7)

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Notes:		Data prior to Second Quarter 2000 provided by Delta Environmental Consultants, Inc.
SUBJ	=	Results of subjective evaluation, liquid-phase hydrocarbon thickness in feet.
NLPH	=	No liquid-phase hydrocarbons.
SPL	=	Separate-phase liquids present.
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 5030/8015 (modified).
TPHd	=	Total petroleum hydrocarbons as diesel using EPA Method 5030/8015 (modified).
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.
EDB	=	1,2-Dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-Dichloroethane analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
ETBE	=	Ethyl tertiary butyl ether 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.
--	=	Not measured/Not sampled/Not analyzed.
<	=	Less than the stated laboratory method reporting limit.
a	=	Total volatile hydrocarbons by DHS /LUFT Manual Method.
b	=	Results obtained from a 1:10 dilution analyzed on January 17, 1995.
c	=	Diesel-range hydrocarbons reportedly detected in bailer blank; result is suspect.
d	=	TPHd was detected in the sample; however, the detections do not resemble the typical diesel pattern.
e	=	Well inaccessible.
f	=	Analyte detected in laboratory method blank; result is suspect.
g	=	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.
h	=	Initial analysis within holding time. Reanalysis for required dilution, confirmation, or QA/QC was past holding time.
i	=	Elevated result due to single analyte peak(s) in the quantitation range.

**TABLE 2**  
**WELL CONSTRUCTION DETAILS**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda California  
(Page 1 of 2)

Well ID	Date Well Installed	TOC Elev. (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
MW1 a	1988	17.29	NS	22	NS	NS	NS	6-22	NS	NS	NS
MW2 a	1988	16.39	NS	16	NS	NS	NS	3-15	NS	NS	NS
MW3 a	1988	17.02	NS	16	NS	NS	NS	4-15	NS	NS	NS
MW4 a	1988	17.29	NS	21	NS	NS	NS	4-19	NS	NS	NS
MW5 a	1988	16.64	NS	21	NS	NS	NS	5-20	NS	NS	NS
MS6 a	1988	17.31	NS	21	NS	NS	NS	5-20	NS	NS	NS
MW7 a	1988	17.06	NS	40	NS	NS	NS	3-19	NS	NS	NS
MW8	05/05/93	16.24	8	21.5	19	2	PVC	5-19	0.020	3.5-19	#3 Sand
MW9	05/05/93	15.56	8	19	19	2	PVC	5-19	0.020	3.5-19	#3 Sand
MW10	12/12/97 - Well destroyed.										
MW11 b	1995	17.98	8	20	20	2	PVC	5-20	0.020	4-20	#3 Sand
MW12 b	1995	16.15	8	20	20	2	PVC	5-20	0.020	4-20	#3 Sand
EW1 a	Dec. 1991	16.27	NS	41	NS	NS	NS	5-36	NS	NS	NS
EW2 a	Dec. 1991	16.07	NS	40	NS	NS	NS	5-35.5	NS	NS	NS
EW3 a	Dec. 1991	16.08	NS	40	NS	NS	NS	5-35.5	NS	NS	NS
EW4 a	Dec. 1991	15.69	NS	40.5	NS	NS	NS	4-35.5	NS	NS	NS
EW5 a	Dec. 1991	16.67	NS	41	NS	NS	NS	5-40	NS	NS	NS

**TABLE 2**  
**WELL CONSTRUCTION DETAILS**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda California  
(Page 2 of 2)

Well ID	Date Well Installed	TOC Elev. (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
SW1	11/10/93	NS	8	20.5	20	2	PVC	17.5-20	0.010	16-20	Pea Gravel
SM1	11/10/93	NS	8	20.5	20	2	PVC	17.5-20	0.010	16-20	Pea Gravel
VW1	11/10/93	NS	8	7	7	2	PVC	4.5-7	0.020	4-7	#3 Sand
VW2	11/10/93	NS	8	7.5	7	2	PVC	4.5-7	0.020	4-7	#3 Sand

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Notes:

- TOC Elev. = Top of well casing elevation; datum is mean sea level.  
PVC = Polyvinyl chloride.  
NS = Not specified/Not available.  
a = Boring logs unavailable; data obtained by using cross sections from ERI's *Site Conceptual Model*, dated August 2, 2002.  
b = Boring logs unavailable; data obtained from Delta Environmental's *Proposed Additional Hydrogeologic Investigative Work*, dated November 15, 1994; data are approximate values.

**TABLE 3**  
**OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 1 of 14)

Date	Sample ID	FIELD MEASUREMENTS								Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Benzene Emission Rate
		Hour Meter	Total Hours	Hours of Operation	Temp (deg F)	Pressure (in H <sub>2</sub> O)	Vacuum (in H <sub>2</sub> O)	Flow (fpm)	PID (ppmv)	TPHg (mg/m <sup>3</sup> )	MTBE (mg/m <sup>3</sup> )	Benzene (mg/m <sup>3</sup> )	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	(lbs/day)
02/16/98	System startup.	---	--	0	---	---	---	---	---	---	---	---	<	60.8	<	60.8	---	---	---
03/24/00	System shutdown pending evaluation.	12,001	0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
04/01/00	Environmental Resolutions Inc., assumed operation of the system.																		
06/28/00	System upgrades completed. System restarted.	A-INF	12,008	7	7	---	---	26	---	---	770.0	18.1	13.3						
	A-INT																		
	A-EFF																		
	System shutdown for carbon changeout, 2 x 500-pounds.																		
07/11/00	System down upon arrival; restart.	A-INF	12,011	10	3	86	---	8	4,000	83	207.0	51	---	< 1.0	0.16	< 61.0	---	---	0.00
	A-INT										9.1	< 10	---	< 1.0	---	---	0.00	0.0	< 0.01
	A-EFF										0.0	< 10	---	< 1.0	---	---	0.00	0.0	< 0.01
07/20/00	System running upon arrival (vapor extraction system only). System running on departure.	A-INF	12,226	225	215	78	---	9	4,500	95	42.3	2.4	0.0						
	A-INT																		
	A-EFF																		
07/31/00	System down on departure for carbon changeout (2x500-pounds).	A-INF	12,493	492	267	87	---	9	4,500	93	266.0	73.0	41.2						
	A-INT																		
	A-EFF																		
08/10/00	System down upon arrival for carbon changeout. System running on departure.	A-INF	12,733	732	0	80	---	30	800	16	53.5	43	---	< 1	6.27	< 67.2	---	---	< 0.13
	A-INT										0.0	< 10	---	< 1	---	---	0.00	0.0	< 0.01
	A-EFF										0.0	< 10	---	< 1	---	---	0.00	0.0	< 0.01
08/16/00	A-INF	12,874	873	141	84	---	31.5	250	5	164.1	0.0	0.0							
	A-INT																		
	A-EFF																		
08/24/00	System down on departure for carbon changeout.	A-INF	13,065	1,064	191	76	---	20	2,400	49	294.0	23.7	2.4						
	A-INT																		
	A-EFF																		
09/12/00	System down upon arrival for carbon changeout. System running on departure.	A-INF	13,070	1,069	5	74	---	20	2,600	53	247.5	190	0.0	2.5	5.09	< 72.3	---	---	0.08
	A-INT										< 10	---	< 1.0	---	---	0.08	< 0.21	< 0.00	
	A-EFF										0.0	< 10	---	< 1.0	---	---	0.08	< 0.21	< 0.00
09/26/00	A-INF	13,406	1,405	336	80	---	22	2,450	50	448.7	10.7	0.0							
	A-INT																		
	A-EFF																		
10/12/00	System running on arrival and down upon departure for carbon changeout. Samples taken.	A-INF	13,786	1,785	380	67	---	24	2,400	50	96.4	55	9.0	< 1.0	16.90	< 89.2	---	---	< 0.24
	A-INT										72.3	21	< 10	< 1.0	---	---	0.00	< 0.45	< 0.004
	A-EFF										9.0	< 10	---	< 1.0	---	---	0.00	< 0.46	< 0.005
10/30/00	System down upon arrival for carbon changeout. System running on departure.	A-INF	13,788	1,787	2	56	---	24	2,450	52	10,024	1,700	59.1	15	0.33	< 89.5	---	---	0.00
	A-INT										< 10	---	< 1.0	---	---	0.00	< 0.46	< 0.005	
	A-EFF										0.0	< 10	---	< 1.0	---	---	0.00	< 0.46	< 0.005

**TABLE 3**  
**OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 2 of 14)

Date	Sample ID	Hour Meter	FIELD MEASUREMENTS							Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Benzene Emission Rate (lbs/day)	
			Total Hours	Hours of Operation	Temp (deg F)	EFF (in H <sub>2</sub> O)	Pressure (in H <sub>2</sub> O)	Vacuum (fpm)	Flow (scfm)	PID (ppmv)	TPHg (mg/m <sup>3</sup> )	MTBE (mg/m <sup>3</sup> )	Benzene (mg/m <sup>3</sup> )	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	
11/08/00	A-INF	14,008	2,007	220	60	--	25	2,300	48	102.6	29	--	< 1.0	35.42	< 125.0	--	--	< 0.33	< 0.79	< 0.004
	A-INT									41.8	< 10	--	< 1.0							
	A-EFF									Stet	< 10	--	< 1.0							
11/21/00	System running upon arrival. System down upon departure for carbon changeout.																			
	A-INF	14,314	2,313	306	68	--	25	2,300	47	322.0										
	A-INT									32.3										
	A-EFF									42.9										
12/06/00	System down upon arrival for carbon changeout. System down upon departure for carbon changeout.																			
12/11/00	System down on arrival due to carbon changeout. System running on departure.																			
	A-INF	14,316	2,315	2	52	--	24	2,400	51	957	240	--	2.1	7.66	< 132.6	--	--	0.09	< 0.87	< 0.005
	A-INT									1.2	< 10	--	< 1.0							
	A-EFF									3.1	< 10	--	< 1.0							
12/27/00	A-INF	14,697	2,696	381	56	--	26	2,600	54	192.1										
	A-INT									4.8										
	A-EFF									0.0										
01/09/01	A-INF	15,012	3,011	315	56	--	25	2,400	50	82.4	32	--	< 1.0	17.95	< 150.6	--	--	< 0.20	< 1.08	< 0.005
	A-INT									23.2	< 10	--	< 1.0							
	A-EFF									0.0	< 10	--	< 1.0							
01/23/01	System down on departure for carbon changeout.																			
	A-INF	15,353	3,352	341	60	--	26	2,300	48	485.0										
	A-INT									35.2										
	A-EFF									20.7										
01/31/01	A-INF	15,355	3,354	2	45	--	33	1,500	32	10,000										
	A-INT									0										
	A-EFF									0										
02/13/01	A-INF	15,669	3,668	314	56	--	12	4,000	87	37.8	31	--	< 1.0	5.32	< 155.9	--	--	< 0.17	< 1.25	< 0.008
	A-INT									29.5	< 10	--	< 1.0							
	A-EFF									0	< 10	--	< 1.0							
02/27/01	System down upon departure for changeout.																			
	A-INF	15,999	3,998	330	70	--	8	4,000	85	316										
	A-INT									37.5										
	A-EFF									73.6										
03/13/01	System down upon arrival for changeout and running upon departure. Monthly samples taken.																			
	A-INF	16,002	4,001	3	65	--	9	4,000	86	5,833	1,300	--	6.1	71.70	< 227.6	--	--	0.38	< 1.63	< 0.008
	A-INT									190.4	16	--	< 1.0							
	A-EFF									0	11	--	< 1.0							
03/27/01	System running on arrival and departure.																			
	A-INF	16,336	4,335	334	62	--	10	4,000	86	182.6										
	A-INT									16.8										
	A-EFF									0										
04/12/01	System running on arrival and departure.																			
	A-INF	16,725	4,724	389	72	--	8	4,000	85	4.8										
	A-INT									2.6										
	A-EFF									0										
04/25/01	System running on arrival and departure.																			
	A-INF	17,034	5,033	309	80	--	9	4,000	84	18.6	< 10	--	< 1.0	< 214.61	< 442.2	--	--	< 1.16	< 2.79	< 0.008
	A-INT									9.5	< 10	--	< 1.0							
	A-EFF									0	26	--	< 1.0							
05/09/01	System running on arrival and departure.																			
	A-INF	17,371	5,370	337	86	--	10	4,000	83	11.3	< 10	--	< 1.0	< 1.05	< 443.3	--	--	< 0.10	< 2.90	< 0.007
	A-INT									3.6	< 10	--	< 1.0							
	A-EFF									5.9	< 10	--	< 1.0							

**TABLE 3**  
**OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 3 of 14)

Date	Sample ID	FIELD MEASUREMENTS								Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Benzene Emission Rate (lbs/day)	
		Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure (in H <sub>2</sub> O)	Vacuum (in H <sub>2</sub> O)	Flow (fpm)	Flow (scfm)	PID (ppmv)	TPHg (mg/m <sup>3</sup> )	MTBE (mg/m <sup>3</sup> )	Benzene (mg/m <sup>3</sup> )	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	
05/24/01	A-INF	17,734	5,733	363	86	---	20	3,050	61	6.2										
	A-INT									1.6										
	A-EFF									3.1										
06/04/01	A-INF	17,992	5,991	258	80	---	40	500	10	496	280	---	< 1.0	< 15.53	< 458.8	---	---	< 0.11	< 3.00	< 0.001
	A-INT									19.7	< 10	---	< 1.0							
	A-EFF									3.2	< 10	---	< 1.0							
06/19/01	A-INF	18,353	6,352	361	80	---	38	500	10	140										
	A-INT									6.4										
	A-EFF									3.0										
07/02/01	A-INF	18,660	6,659	307	80	---	38	500	10	7.2										
	A-INT									0.0										
	A-EFF									0.0										
07/17/01	A-INF	19,028	7,027	368	75	---	10	4,000	84	0.0	< 10	---	< 1.0	< 26.38	< 485.2	---	---	< 0.18	< 3.19	< 0.008
	A-INT									0.0	< 10	---	< 1.0							
	A-EFF									0.0	< 10	---	< 1.0							
08/07/01	A-INF	---	---	---	---	---	---	---	---											
	A-INT																			
	A-EFF																			
08/13/01	A-INF	---	---	---	---	---	---	---	---											
08/27/01	A-INT																			
09/10/01	A-EFF																			
10/18/01	A-INF	19,534	7,533	506	120	---	31	4,000	74	568.0										
	A-INT									3.0										
	A-EFF									2.0										
10/24/01	A-INF	19,673	7,672	139	80	---	41	3,300	63	93.1	72	---	< 1.0	7.31	< 492.5	---	---	< 0.18	< 3.36	< 0.006
	A-INT									7.3	< 10	---	< 1.0							
	A-EFF									5	< 10	---	< 1.0							
11/07/01	A-INF	20,012	8,011	339	74	---	45	3,000	58	230.0	55	---	< 1.0	4.88	< 497.4	---	---	< 0.08	< 3.44	< 0.005
	A-INT									27.0	< 10	---	< 1.0							
	A-EFF									5.1	< 10	---	< 1.0							
11/21/01	A-INF	20,012	8,011	0	150	---	45	3,000	51	373.0										
	A-INT									0.0										
	A-EFF									0										
12/12/01	A-INF	20,361	8,360	349	142	---	46	3,000	51	98.1	45	---	1.3	3.55	< 500.9	---	---	0.08	< 3.52	< 0.005
	A-INT									1.0	< 10	---	< 1.0							
	A-EFF									2.7	< 10	---	< 1.0							
12/27/01	A-INF	20,508	8,507	147	142	---	44	2,400	41	2,396										
	A-INT									2.4										
	A-EFF									0										
01/09/02	A-INF	20,541	8,540	33	148	—	42	2,700	46	794.5	670	---	8.0	11.68	< 512.6	---	---	0.15	< 3.67	< 0.004
	A-INT									36.2	< 10	---	< 1.0							
	A-EFF									2	< 10	---	< 1.0							

**TABLE 3**  
**OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 4 of 14)

**TABLE 3**  
**OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 5 of 14)

Date	Sample ID	FIELD MEASUREMENTS								Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Benzene Emission Rate	
		Hour Meter	Total Hours	Hours of Operation	Temp (deg F)	Pressure (in H <sub>2</sub> O)	Vacuum (in H <sub>2</sub> O)	Flow (fpm)	Flow (scfm)	PID (ppmv)	TPHg (mg/m <sup>3</sup> )	MTBE (mg/m <sup>3</sup> )	Benzene (mg/m <sup>3</sup> )	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	(lbs/day)
07/31/02	System running upon arrival and upon departure.																			
07/31/02	A-INF	23,764	11,763	330	110	--	21	3,000	58	16.4	0.0									
	A-INT										0.0									
	A-EFF										0.0									
08/14/02	System running upon arrival and upon departure.																			
08/14/02	A-INF	24,103	12,102	339	112	--	16	3,000	58	9.8	19	---	0.21	3.88	< 645.9	--	--	0.03	< 7.23	< 0.001
	A-INT										0.0	< 10	---	< 0.10						
	A-EFF										0.0	< 10	---	< 0.10						
08/28/02	System running upon arrival and down upon departure.																			
08/28/02	A-INF	24,414	12,413	311	110	--	16	3,000	58	16.0	0.0									
	A-INT										0.0									
	A-EFF										0.0									
11/06/02	System down upon arrival and running upon departure.																			
11/06/02	A-INF	24,415	12,414	1	106	--	26	3,000	57	1282	1,300	---	12	44.46	< 690.4	--	--	0.41	< 7.64	< 0.001
	A-INT										0.0	< 10	---	< 0.10						
	A-EFF										0.0	< 10	---	< 0.10						
11/20/02	System running upon arrival and upon departure.																			
11/20/02	A-INF	24,754	12,753	339	122	--	36	3,300	60	67.6	1.1									
	A-INT										0.0									
	A-EFF										0.0									
12/04/02	System running upon arrival and departure.																			
12/04/02	A-INF	25,084	13,083	330	112	--	46	3,200	57	47.5	< 500	---	< 5.0	< 129.10	< 819.5	--	--	< 1.22	< 8.86	< 0.005
	A-INT										0.2	< 100	---	< 1.0						
	A-EFF										0.0	< 100	---	< 1.0						
12/18/02	System running upon arrival and departure. Carbon changeout performed.																			
	A-INF	25,422	13,421	668	112	7	46	3,000	54	76.1	2.1									
	A-INT										0.0									
	A-EFF										0.0									
01/06/03	System running upon arrival and upon departure for carbon changeout.																			
	A-INF	25,875	13,874	453	--	--	35	3200	--	372.0	602.0									
	A-INT										604.0									
	A-EFF																			
01/15/03	System down on arrival and running on departure.																			
01/15/03	A-INF	25,875	13,874	0	112	--	45	2,800	50	134.0	110	---	1.4	< 48.56	< 868.1	--	--	< 0.51	< 9.37	< 0.001
	A-INT										1.3	22	---	< 0.20						
	A-EFF										0.0	< 20	---	< 0.20						
01/29/03	System running upon arrival and departure.																			
01/29/03	A-INF	26,210	14,209	335	114	--	45	2,700	48	56.9	0.0									
	A-INT										0.0									
	A-EFF										0.0									
02/12/03	System running upon arrival and departure.																			
02/12/03	A-INF	26,548	14,547	338	110	--	44	2,800	51	50.6	24	---	0.27	8.51	< 876.6	--	--	0.11	< 9.47	< 0.000
	A-INT										3.4	90	---	1.1						
	A-EFF										0.0	< 10	---	< 0.10						
02/26/03	System running upon arrival and departure. Carbon changeout performed																			
02/26/03	A-INF	26,884	14,883	336	112	--	44	2,300	46	122.9	1.9									
	A-INT										0.0									
	A-EFF										0.0									
03/12/03	System running upon arrival and departure. Carbon changeout performed																			
	A-INF	27,218	15,217	334	120	--	43	2,600	52	30.4	59	---	0.81	5.33	< 881.9	--	--	0.07	< 9.54	< 0.000
	A-INT										0.6	< 10	---	< 0.10						
	A-EFF										0.1	< 10	---	< 0.10						

**TABLE 3**  
**OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 6 of 14)

Date	Sample ID	FIELD MEASUREMENTS									Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Benzene Emission Rate
		Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure (in H <sub>2</sub> O)	Vacuum (in H <sub>2</sub> O)	Flow (fpm)	Flow (scfm)	PID (ppmv)	TPHg (mg/m <sup>3</sup> )	MTBE (mg/m <sup>3</sup> )	Benzene (mg/m <sup>3</sup> )	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	(lbs/day)
03/26/03	System running upon arrival and departure.																			
03/26/03	A-INF	27,555	15,554	337	116	---	40	2,700	54	12.4	2.5	0.1								
	A-INT																			
	A-EFF																			
04/09/03	System running upon arrival and departure.																			
04/09/03	A-INF	27,889	15,888	334	120	---	40	2,800	56	36.0	57	---	0.36	7.83	< 889.7	---	---	0.08	< 9.62	< 0.001
	A-INT										2.4	< 10	---	< 0.10						
	A-EFF										1.0	< 10	---	< 0.10						
04/23/03	System running upon arrival and departure.																			
04/23/03	A-INF	28,227	16,226	338	113	---	39	2,400	48	54.7	4.0	3.7								
	A-INT																			
	A-EFF																			
05/07/03	System running upon arrival and departure.																			
05/07/03	A-INF	28,563	16,562	336	118	---	40	2,500	50	8.5	14	---	0.34	4.73	< 894.5	---	---	0.05	< 9.67	< 0.000
	A-INT										1.8	< 10	---	< 0.10						
	A-EFF										2.2	< 10	---	< 0.10						
05/21/03	System running upon arrival and departure.																			
05/21/03	A-INF	28,900	16,899	337	127	---	38	2,750	54	15.8	2.4	1.3								
	A-INT																			
	A-EFF																			
06/04/03	System running on arrival. System down on departure for carbon changeout.																			
	A-INF	29,234	17,233	334	121	---	39	2,900	58	81.2	90.7	70.2								
	A-INT																			
	A-EFF																			
06/18/03	System down on arrival for changeout. System running on departure. Samples taken.																			
	A-INF	29,237	17,236	3	120	---	39	2,800	56	120.0	790	---	12	53.58	< 948.0	---	---	0.82	< 10.49	< 0.001
	A-INT										0.1	< 10	---	0.13						
	A-EFF										0.1	< 10	---	< 0.10						
07/02/03	System running on arrival and departure.																			
	A-INF	29,576	17,575	339	120	---	38	3,200	64	91.0	70	---	1.1	32.58	< 980.6	---	---	0.50	< 10.99	< 0.001
	A-INT										0.0	< 10	---	< 0.10						
	A-EFF										0.1	< 10	---	< 0.10						
07/16/03	System running on arrival and departure.																			
	A-INF	29,910	17,909	334	129	---	39	3,150	62	95.0	6.6	2.5								
	A-INT																			
	A-EFF																			
07/30/03	System running on arrival. Shut down for carbon changeout. Down on departure.																			
	A-INF	30,241	18,240	331	118	---	40	3,050	61	51.7	22.6	0.0								
	A-INT																			
	A-EFF																			
08/13/03	System down on arrival. Restarted. Running on departure.																			
	A-INF	30,244	18,243	3	125	---	39	3,100	61	321.0	110	---	1.9	14.05	< 994.7	---	---	0.23	< 11.22	< 0.001
	A-INT										5.7	< 10	---	< 0.10						
	A-EFF										6.8	10	---	0.26						
08/27/03	System running on arrival and departure.																			
	A-INF	30,501	18,500	257	121	---	39	2,900	58	122.6	2.6	1.5								
	A-INT																			
	A-EFF																			
09/10/03	System running on arrival and departure.																			
	A-INF	30,919	18,918	418	126	---	40	2,650	52	117.0	93	---	2.4	14.54	< 1,009.2	---	---	0.31	< 11.53	< 0.0005
	A-INT										6.4	< 10	---	< 0.10						
	A-EFF										3.0	< 10	---	< 0.10						

**TABLE 3**  
**OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 7 of 14)

System retrofit complete, commencing startup with new blower and new Bay Area Air Quality Management District (BAAQMD) conditions.

06/27/05      Retrofitted system startup.

**TABLE 3**  
**OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 8 of 14)

Date	Sample ID	FIELD MEASUREMENTS								Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Benzene Emission Rate	
		Hour Meter	Total Hours	Hours of Operation	Temp (deg F)	Pressure (in H <sub>2</sub> O)	Vacuum (in H <sub>2</sub> O)	Flow (fpm)	Flow (scfm)	PID (ppmv)	TPHg (mg/m <sup>3</sup> )	MTBE (mg/m <sup>3</sup> )	Benzene (mg/m <sup>3</sup> )	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	(lbs/day)
07/11/05	Shut down system on departure for vapor-phase carbon (VPC) changeout 3@500-pounds.																			
07/11/05	A-INF	33,362	21,361	71	79	1	68.1	4,000	86	1,683.0										
	A-INT									196.0										
	A-EFF									224.0										
07/15/05	Restarted system post VPC changeout. Added one more 500-pound vessel in series, three total before discharge to atmosphere.																			
07/15/05	A-INF	33,363	21,362	1	78	2	108.9	3,000	64	440.0										
	A-INT1									0.0										
	A-INT2									0.0										
	A-EFF									0.0										
07/22/05	A-INF	33,363	21,362	0	78	2	108.9	3,000	64	440.0	799	71.8	72.7	12.23	< 1,054.6	1.07	1.07	1.11	< 14.50	< 0.0029
	A-INT1									0.0	20.2	4.87	2.03							
	A-INT2									—	—	—	—							
	A-EFF									0.0	< 10.2	< .609	0.508							
07/24/05	Responding to auto dialer callout. Shut down SVE and GRS, arranging for liquid-phase carbon (LPC) changeout (clogged) 3@500-pounds.																			
07/24/05		33,462	21,461	99	80	2	108.9	2,600	56											
07/29/05		33,462	21,461	0	—	—	—	—	—											
08/05/05	A-INF	33,462	21,461	0	78	2	108.9	2,800	60	16.0	8.64	0.704	0.855	9.31	< 1,063.9	0.84	1.90	0.85	< 15.35	< 0.0027
	A-INT1									0.0	< 5.00	< 0.500	< 0.500							
	A-INT2									0.0	< 5.00	< 0.500	< 0.500							
	A-EFF									0.0	< 5.00	< 0.500	< 0.500							
08/12/05	A-INF	33,470	21,469	8	78	2	108.9	2,600	56	56.0	56.0	46.0	6.0							
	A-INT1									—	—	—	—							
	A-INT2									—	—	—	—							
	A-EFF									—	—	—	—							
08/19/05	A-INF	33,638	21,637	168	70	2	108.9	2,600	57	18.0	8.1	7.6	2.1							
	A-INT1									—	—	—	—							
	A-INT2									—	—	—	—							
	A-EFF									—	—	—	—							
08/26/05	A-INF	33,638	21,637	0	70	2	108.9	2,600	57	56.0	56.0	0.0	0.0							
	A-INT1									—	—	—	—							
	A-INT2									—	—	—	—							
	A-EFF									—	—	—	—							
09/02/05	A-INF	33,806	21,805	168	70	2	122.5	3,000	65	58.3	0.0	0.0	0.0							
	A-INT1									—	—	—	—							
	A-INT2									—	—	—	—							
	A-EFF									—	—	—	—							
09/09/05	A-INF	33,974	21,973	168	70	2	122.5	2,600	57	58.3	14.4	< 0.500	0.520	25.93	< 1,089.8	< 0.07	< 1.97	0.08	< 15.43	< 0.0025
	A-INT1									0.0	< 5.00	< 0.500	< 0.500							
	A-INT2									0.0	< 5.00	< 0.500	< 0.500							
	A-EFF									0.0	< 5.00	< 0.500	< 0.500							
09/16/05	A-INF	34,142	22,141	168	70	2	108.9	3,600	78	168.0	168.0	3.0	0.0							
	A-INT1									—	—	—	—							
	A-INT2									—	—	—	—							
	A-EFF									—	—	—	—							
09/19/05	A-INF	34,208	22,207	66	70	2	108.9	3,600	78	—	—	—	—							
	A-INT1									—	—	—	—							
	A-INT2									—	—	—	—							
	A-EFF									—	—	—	—							
10/07/05	A-INF	34,208	22,207	0	70	2	108.9	3,600	78	6.0	6.0	21.0	0.0							
	A-INT1									—	—	—	—							
	A-INT2									—	—	—	—							
	A-EFF									—	—	—	—							

**TABLE 3**  
**OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 9 of 14)

**TABLE 3**  
**OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 10 of 14)

Date	Sample ID	FIELD MEASUREMENTS								Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Benzene Emission Rate (lbs/day)		
		Hour Meter	Total Hours	Hours of Operation	Temp (deg F)	EFF Pressure (in H <sub>2</sub> O)	Vacuum (in H <sub>2</sub> O)	Flow (fpm)	PID (ppmv)	TPHg (mg/m <sup>3</sup> )	MTBE (mg/m <sup>3</sup> )	Benzene (mg/m <sup>3</sup> )	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)			
04/28/06	System down on arrival and running on departure (carbon changeout 3@500 lbs.).	A-INF A-INT1 A-INT2 A-EFF	837	23,171	0	76	2	135.9	1,400	67	0.0	0.0	0.0								
05/05/06	System running on arrival and departure.	A-INF A-INT1 A-INT2 A-EFF	1,006	23,340	169	70	2	108.7	1,500	73	0.0	b	b	b	b						
05/12/06	System running on arrival and departure.	A-INF A-INT1 A-INT2 A-EFF	1,172	23,506	166	70	2	122.3	1,500	73	0.0	< 50.0	< 0.500	< 0.500	< 0.500						
05/19/06	System running on arrival and departure.	A-INF A-INT1 A-INT2 A-EFF	1,339	23,673	167	70	2	135.9	1,600	78	0.0	< 50.0	< 0.500	< 0.500	< 0.500						
05/25/06	System running on arrival and departure.	A-INF A-INT1 A-INT2 A-EFF	1,485	23,819	146	70	2	135.9	1,600	78	0.0	0.0	0.0	0.0	0.0						
06/02/06	System running on arrival and departure.	A-INF A-INT1 A-INT2 A-EFF	1,676	24,010	191	70	2	135.9	1,600	78	0.0	0.0	0.0	0.0	0.0						
06/09/06	System running on arrival and departure.	A-INF A-INT1 A-INT2 A-EFF	1,846	24,180	170	70	2	135.9	1,499	73	0.0	0.0	0.0	0.0	0.0						
06/16/06	System down on arrival and running on departure.	A-INF A-INT1 A-INT2 A-EFF	1,967	24,301	121	70	2	135.9	1,400	68	0.0	< 50.0	2.73	< 0.500	< 10.51	< 1,113.4	< 0.34	< 2.51	< 0.11	< 15.74	< 0.0031
06/23/06	System running on arrival and departure.	A-INF A-INT1 A-INT2 A-EFF	2,134	24,468	167	70	2	135.9	1,450	71	0.0	0.0	0.0	0.0	0.0						
06/30/06	System running on arrival and departure.	A-INF A-INT1 A-INT2 A-EFF	2,300	24,634	166	70	2	135.9	1,400	68	0.0	0.0	0.0	0.0	0.0						

**TABLE 3**  
**OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 11 of 14)

**TABLE 3**  
**OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 12 of 14)

**TABLE 3**  
**OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 13 of 14)

**TABLE 3**  
**OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM**  
 Former Exxon Service Station 7-0104  
 1725 Park Street  
 Alameda, California  
 (Page 14 of 14)

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Notes:	Data prior to April 1, 2000, provided by Delta Environmental Consultants, Inc.
A-INF	= Influent vapor sample collected prior to biofilters.
A-INT1	= Vapor sample collected after 1st carbon vessel.
A-INT2	= Vapor sample collected after 2nd carbon vessel.
A-EFF	= Vapor sample collected from effluent sample port.
TPHg	= Total petroleum hydrocarbons as gasoline using EPA Method 18M.
MTBE	= Methyl tertiary butyl ether analyzed using EPA Method 18M.
Benzene	= Benzene analyzed using EPA Method 18M.
Temp EFF	= Temperature effluent.
deg F	= Degrees Fahrenheit.
In H <sup>2</sup> O	= Inches of water column.
scfm	= Standard cubic feet per minute.
fpm	= Feet per minute.
lbs/day	= Pounds per day.
ppmv	= Parts per million by volume.
mg/M <sup>3</sup>	= Milligrams per cubic meter.
—	= Not sampled/Not measured/Not analyzed/Not calculated.
a	= Analyte was detected in the associated Method Blank.
b	= Tedlar Bag deflated, sample could not be analyzed.

Removal rates are calculated using ERI SOP-25: "Hydrocarbons Removed from A Vadose Well".

**TABLE 4**  
**OPERATION AND PERFORMANCE DATA FOR**  
**GROUNDWATER EXTRACTION AND TREATMENT SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 1 of 13)

Date	Total Flow (gal)	Average Flowrate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removal		Benzene Removal		MTBE Removal	
				TPHg ( $\mu\text{g/L}$ )	B ( $\mu\text{g/L}$ )	T ( $\mu\text{g/L}$ )	E ( $\mu\text{g/L}$ )	X ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
10/10/94	1,331,420	---	W-INF	< 50	< 0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
12/02/94	1,392,010	0.8	W-INF	65	1.9	0.9	<0.5	2.4	---	< 0.03	< 0.03	< 0.0006	< 0.001	---	---
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---
01/13/95	1,415,980	0.4	W-INF	1,000	< 0.5	<0.5	<0.5	<0.5	---	0.11	< 0.1	< 0.0002	< 0.001	---	---
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---
02/23/95	1,494,030	1.3	W-INF	57	< 0.5	<0.5	<0.5	2.7	---	0.34	< 0.5	< 0.0003	< 0.001	---	---
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---
03/14/95	—	—	W-INF	< 50	< 0.5	<0.5	<0.5	<0.5	---	—	—	—	—	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	---	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	---	—	—	—	—	—	—
04/14/95	1,513,240	0.3	W-INF	< 50	< 0.5	<0.5	<0.5	<0.5	—	< 0.01	< 0.5	< 0.0001	< 0.001	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
05/18/95	1,714,850	4.1	W-INF	—	—	—	—	—	—	—	—	—	—	—	—
06/30/95	1,847,330	2.1	W-INF	1,700	480	23	66	180	—	< 2.44	< 2.9	0.6685	< 0.670	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
07/12/95	1,908,730	3.6	W-INF	290	68	<2.0	2.4	5.6	—	0.51	< 3.4	0.1128	< 0.783	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
08/09/95	2,027,830	3.0	W-INF	6,600	1,700	260	370	550	—	3.42	< 6.9	0.8768	< 1.659	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
09/06/95	2,158,260	3.2	W-INF	120	17	0.84	1.0	3.0	—	3.65	< 10.5	0.9325	< 2.592	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
10/11/95	2,215,310	1.1	W-INF	160	22	0.97	1.2	4.0	—	0.07	< 10.6	0.0093	< 2.601	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
11/16/95	2,384,880	3.3	W-INF	120	4.9	<0.5	<0.5	5.9	—	0.20	< 10.8	0.0190	< 2.620	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—

**TABLE 4**  
**OPERATION AND PERFORMANCE DATA FOR**  
**GROUNDWATER EXTRACTION AND TREATMENT SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 2 of 13)

Date	Total Flow (gal)	Average Flowrate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removal		Benzene Removal		MTBE Removal	
				TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
12/14/95	2,453,200	1.7	W-INF	450	46	16	4.6	65	--	0.16	< 10.9	0.0145	< 2.635	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--						
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--						
01/05/96	2,516,900	2.0	W-INF	240	26	2.4	1.2	20	--	0.18	< 11.1	0.0191	< 2.654	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--						
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--						
02/14/96	2,680,160	2.8	W-INF	470	43	5.5	<0.5	55	--	0.48	< 11.6	0.0469	< 2.701	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--						
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--						
03/12/96	2,767,820	2.3	W-INF	620	60	9.8	3.9	70	--	0.40	< 12.0	0.0376	< 2.738	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--						
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--						
04/16/96	2,927,390	3.2	W-INF	790	120	27	8.8	120	--	0.94	< 12.9	0.1196	< 2.858	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--						
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--						
05/07/96	2,971,100	1.4	W-INF	430	66	2.7	5	32	--	0.22	< 13.2	0.0339	< 2.892	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--						
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--						
06/11/96	3,109,730	2.8	W-INF	2,900	470	120	19	410	--	1.92	< 15.1	0.3094	< 3.201	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--						
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--						
07/09/96	3,232,330	3.0	W-INF	490	55	6.2	<0.5	110	--	1.73	< 16.8	0.2680	< 3.469	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--						
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--						
08/08/96	3,365,060	3.1	W-INF	580	49	4.6	<1.0	75	--	0.59	< 17.4	0.0575	< 3.527	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--						
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--						
09/05/96	—	—	W-INF	740	67	19	10	72	--	--	--	--	--	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--						
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--						
10/02/96	3,530,230	2.1	W-INF	980	130	39	7.8	130	--	1.07	< 18.5	0.1231	< 3.650	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--						
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--						
11/08/96	3,657,370	2.4	W-INF	480	42	7.1	0.69	79	--	0.77	< 19.2	0.0911	< 3.741	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--						
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--						
12/09/96	3,735,650	1.8	W-INF	< 50	< 0.5	<0.5	<0.5	<0.5	--	< 0.17	< 19.4	< 0.0139	< 3.755	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--						
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--						

**TABLE 4**  
**OPERATION AND PERFORMANCE DATA FOR**  
**GROUNDWATER EXTRACTION AND TREATMENT SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 3 of 13)

Date	Total Flow (gal)	Average Flowrate (gpm)	Sample ID	Laboratory Analytical Results					TPHg Removal		Benzene Removal		MTBE Removal		
				TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
01/21/97	3,735,730	0.0	W-INF	690	69	20	20	91	--	< 0.00	< 19.4	< 0.0000	< 3.755	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
02/10/97	3,735,360	0.0	W-INF	860	100	24	1.4	160	--	--	--	--	--	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
03/20/97	3,843,430	2.0	W-INF	86	< 0.5	<0.5	<0.5	5.1	--	0.43	< 19.8	< 0.0452	< 3.800	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
04/03/97	3,918,650	3.7	W-INF	690	31	6.1	<5.0	89	--	0.24	< 20.1	0.0099	< 3.810	--	--
			W-INT	< 1,000	< 10	<10	<10	<10	--	--	--	--	--	--	--
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
05/07/97	4,092,720	3.6	W-INF	1,000	57	29	11	110	--	1.22	< 21.3	0.0638	< 3.874	--	--
			W-INT	< 50	1.1	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
06/11/97	4,144,600	1.0	W-INF	570	66	14	4.7	75	--	0.34	< 21.7	0.0266	< 3.900	--	--
			W-INT	< 50	0.57	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
06/25/97	4,273,310	—	W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
07/24/97	4,363,090	3.5	W-INF	470	25	8.8	3.7	49	--	0.95	< 22.6	0.0828	< 3.983	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
08/04/97	4,408,100	2.8	W-INF	610	48	18	6.2	69	--	0.20	< 22.8	0.0137	< 3.997	--	--
			W-INT	< 50	0.76	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
10/21/97	4,496,810	0.8	W-INF	250	16	5.4	2.3	29	--	0.32	< 23.1	0.0236	< 4.020	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
11/04/97	4,553,090	2.8	W-INF	510	22	9.8	13	60	--	0.18	< 23.3	0.0089	< 4.029	--	--
			W-INT	< 50	0.82	<0.5	<0.5	0.5	--	--	--	--	--	--	--
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
12/05/97	4,588,340	0.8	W-INF	79	1.5	<0.5	<0.5	53	--	0.09	< 23.4	0.0034	< 4.033	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
01/08/98	4,625,400	0.8	W-INF	83	2.6	0.74	<0.5	5.4	--	0.03	< 23.4	0.0006	< 4.033	--	--
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
			W-EFF	< 50	0.58	<0.5	0.81	1.5	--	--	--	--	--	--	--

**TABLE 4**  
**OPERATION AND PERFORMANCE DATA FOR**  
**GROUNDWATER EXTRACTION AND TREATMENT SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 4 of 13)

Date	Total Flow (gal)	Average Flowrate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removal		Benzene Removal		MTBE Removal	
				TPHg ( $\mu\text{g/L}$ )	B ( $\mu\text{g/L}$ )	T ( $\mu\text{g/L}$ )	E ( $\mu\text{g/L}$ )	X ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
03/03/98	4,662,470	0.5	W-INF	< 50	0.54	<0.5	<0.5	0.88	—	< 0.02	< 23.4	0.0005	< 4.034	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
04/02/98	4,702,760	0.9	W-INF	1,100	170	32	12	160	—	0.19	< 23.6	0.0286	< 4.062	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
05/04/98	4,786,330	1.8	W-INF	1,000	140	23	8.5	150	—	0.73	< 24.4	0.1079	< 4.170	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
06/10/98	4,852,030	1.2	W-INF	670	110	16	7.6	74	—	0.46	< 24.8	0.0684	< 4.239	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
07/07/98	4,951,910	2.6	W-INF	690	91	13	6.3	55	—	0.57	< 25.4	0.0836	< 4.322	—	—
			W-INT	< 200	< 2.0	<2.0	<2.0	<2.0	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
08/04/98	5,039,980	2.2	W-INF	230	36	6.4	2.5	17	—	0.34	< 25.7	0.0466	< 4.369	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
09/03/98	5,080,850	0.9	W-INF	280	13	2.0	6.4	21	—	0.09	< 25.8	0.0083	< 4.377	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
10/20/98	—	—	W-INF	740	43	54	25	110	—	—	—	—	—	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
11/09/98	5,232,360	1.6	W-INF	300	37	10	8.4	43	—	0.37	< 26.2	0.0315	< 4.409	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
12/08/98	5,284,180	1.2	W-INF	700	82	25	13	100	—	0.22	< 26.4	0.0257	< 4.434	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
01/13/99	5,377,930	1.8	W-INF	1,030	155	46.5	52.7	73.3	—	0.68	< 27.1	0.0925	< 4.527	—	—
			W-INT	< 500	< 5.0	<5.0	<5.0	<5.0	—	—	—	—	—	—	—
			W-EFF	< 500	< 5.0	<5.0	<5.0	<5.0	—	—	—	—	—	—	—
02/08/99	5,441,820	1.7	W-INF	260	31	9.0	2.4	33	—	0.34	< 27.4	0.0495	< 4.576	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
03/08/99	5,509,090	1.7	W-INF	800	87	16	8.5	140	—	0.30	< 27.7	0.0331	< 4.609	—	—
			W-INT	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—

**TABLE 4**  
**OPERATION AND PERFORMANCE DATA FOR**  
**GROUNDWATER EXTRACTION AND TREATMENT SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 5 of 13)

Date	Total Flow (gal)	Average Flowrate (gpm)	Sample ID	Laboratory Analytical Results					TPHg Removal		Benzene Removal		MTBE Removal		
				TPHg ( $\mu\text{g/L}$ )	B ( $\mu\text{g/L}$ )	T ( $\mu\text{g/L}$ )	E ( $\mu\text{g/L}$ )	X ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
04/05/99	5,571,890	1.6	W-INF	< 500	36.6	12.2	5.84	20.9	—	< 0.34	< 28.0	0.0323	< 4.642	—	—
			W-INT	< 500	< 5.0	< 5.0	< 5.0	< 5.0	—	—	—	—	—	—	—
			W-EFF	< 500	< 5.0	< 5.0	< 5.0	< 5.0	—	—	—	—	—	—	—
05/06/99	5,621,560	1.1	W-INF	310	45	6.0	0.86	41	—	0.17	< 28.2	0.0169	< 4.659	—	—
			W-INT	< 50	< 0.5	< 0.5	< 0.5	< 0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	< 0.5	< 0.5	< 0.5	—	—	—	—	—	—	—
06/07/99	5,706,250	1.8	W-INF	< 250	24.8	< 2.5	< 2.5	8.74	—	< 0.20	< 28.4	0.0246	< 4.683	—	—
			W-INT	< 100	< 1.0	< 1.0	< 1.0	< 1.0	—	—	—	—	—	—	—
			W-EFF	< 250	< 2.5	< 2.5	< 2.5	< 2.5	—	—	—	—	—	—	—
07/28/99	5,805,010	1.3	W-INF	< 100	7.00	< 1.0	2.40	6.40	—	< 0.14	< 28.5	0.0131	< 4.696	—	—
			W-INT	< 50	< 0.5	< 0.5	< 0.5	< 0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	< 0.5	< 0.5	< 0.5	—	—	—	—	—	—	—
08/09/99	5,849,280	2.6	W-INF	< 500	17.1	5.88	< 5.0	26.8	—	< 0.11	< 28.7	0.0044	< 4.701	—	—
			W-INT	< 250	< 2.5	< 2.5	< 2.5	< 2.5	—	—	—	—	—	—	—
			W-EFF	< 250	< 2.5	< 2.5	< 2.5	< 2.5	—	—	—	—	—	—	—
09/07/99	5,880,860	0.8	W-INF	< 500	20.4	< 5.0	< 5.0	31.1	—	< 0.13	< 28.8	0.0049	< 4.706	—	—
			W-INT	< 50	< 0.5	< 0.5	< 0.5	< 0.5	—	—	—	—	—	—	—
			W-EFF	< 50	< 0.5	< 0.5	< 0.5	< 0.5	—	—	—	—	—	—	—
10/12/99	5,966,690	1.7	W-INF	100	2	< 1.0	< 1.0	< 1.0	—	0.21	< 29.0	0.0080	< 4.714	—	—
			W-INT	< 50	< 1.0	< 1.0	< 1.0	< 1.0	—	—	—	—	—	—	—
			W-EFF	< 50	< 1.0	< 1.0	< 1.0	< 1.0	—	—	—	—	—	—	—
11/18/99	5,971,540	0.1	W-INF	660	66	7.8	5.6	57	—	0.02	< 29.0	0.0014	< 4.715	—	—
			W-INT	< 50	< 1.0	< 1.0	< 1.0	< 1.0	—	—	—	—	—	—	—
			W-EFF	< 50	< 1.0	< 1.0	< 1.0	< 1.0	—	—	—	—	—	—	—
12/09/99	5,992,780	0.7	W-INF	200	28	3.2	2.2	22.4	—	0.08	< 29.1	0.0083	< 4.723	—	—
			W-INT1	< 50	< 1.0	< 1.0	< 1.0	< 1.0	—	—	—	—	—	—	—
			W-INT2	< 50	< 1.0	< 1.0	< 1.0	< 1.0	—	—	—	—	—	—	—
			W-EFF	< 50	< 1.0	< 1.0	< 1.0	< 1.0	—	—	—	—	—	—	—
01/10/00	6,035,690	0.9	W-INF	120	11	1.5	1.8	14.5	—	0.06	< 29.2	0.0070	< 4.730	—	—
			W-INT	< 50	< 1.0	< 1.0	< 1.0	< 1.0	—	—	—	—	—	—	—
			W-EFF	< 50	< 1.0	< 1.0	< 1.0	< 1.0	—	—	—	—	—	—	—
02/08/00	6,055,000	0.5	W-INF	130	14	< 1.0	< 1.0	11.9	—	0.02	< 29.2	0.0020	< 4.732	—	—
			MID	< 50	< 1.0	< 1.0	< 1.0	< 1.0	—	—	—	—	—	—	—
			W-EFF	< 50	< 1.0	< 1.0	< 1.0	< 1.0	—	—	—	—	—	—	—
03/24/00	6,080,125	0.4	System shut down pending evaluation.												—
03/28/00	6,080,360	0.0	W-INF	< 50	< 1.0	< 1.0	< 1.0	< 1.0	—	< 0.02	< 29.2	< 0.0016	< 4.734	—	—
			MID	< 50	< 1.0	< 1.0	< 1.0	< 1.0	—	—	—	—	—	—	—
			W-EFF	< 67	< 1.0	< 1.0	< 1.0	< 1.0	—	—	—	—	—	—	—

**TABLE 4**  
**OPERATION AND PERFORMANCE DATA FOR**  
**GROUNDWATER EXTRACTION AND TREATMENT SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 6 of 13)

Date	Total Flow	Average Flowrate	Sample ID	Laboratory Analytical Results					TPHg Removal		Benzene Removal		MTBE Removal		
	(gal)	(gpm)		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
03/28/00															
04/01/00															
04/01/00															
06/05/02															
06/05/02	10	0.00	W-INF	< 50	< 0.5	<0.5	<0.5	<0.5	—	0.000	< 29.2	0.000	< 4.734	—	—
			W-INT 1	< 50	< 0.5	<0.5	<0.5	<0.5	—						
			W-INT 2	< 50	< 0.5	<0.5	<0.5	<0.5	—						
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—						
06/19/02															
06/19/02															
06/19/02	47,370	2.3													
07/03/02															
07/03/02	114,030	3.3	W-INF	270	< 2.5	<2.5	<2.5	<2.5	1,300	0.152	< 29.3	< 0.001	< 4.735	2.47	2.47
			W-INT 1	< 50	< 0.5	<0.5	<0.5	<0.5	46						
			W-INT 2	< 50	< 0.5	<0.5	<0.5	<0.5	—						
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—						
07/17/02															
07/17/02															
07/17/02	114,230	0.0													
07/31/02															
07/31/02															
07/31/02	179,580	3.2													
08/14/02															
08/14/02															
08/14/02	179,930	0.0	W-INF	620	4.1	<2.5	<2.5	<2.5	1,400	0.245	< 29.6	0.002	< 4.737	0.742	3.216
			W-INT 1	< 50	< 0.50	<0.50	<0.50	<0.50	150						
			W-INT 2	< 50	< 0.50	<0.50	<0.50	<0.50	—						
			W-EFF	< 50	< 0.50	<0.50	<0.50	<0.50	—						
08/28/02															
08/28/02															
08/28/02	222,900	2.1													
11/06/02															
11/06/02															
11/06/02	223,080	0.0	W-INF	660	< 5.0	<5.0	<5.0	<5.0	1,700	0.230	< 29.8	< 0.002	< 4.739	0.558	3.774
			W-INT 1	100	3.9	<0.5	<0.5	<0.5	150						
			W-INT 2	< 50	< 0.5	<0.5	<0.5	<0.5	—						
			W-EFF	< 50	< 0.5	<0.5	<0.5	<0.5	—						
11/20/02															
11/20/02															
12/04/02															
12/04/02															
12/18/02															
12/18/02															
01/03/03															
01/03/03															
01/06/03															
01/06/03															
01/15/03															
01/15/03															
01/15/03	224,032	0.0													
01/06/03															
01/06/03															
01/15/03															
01/15/03															
01/15/03	224,360	0.0	W-INF	730	< 5.0	<5.0	<5.0	<5.0	1,200	0.007	< 29.8	0.000	< 4.739	0.015	3.789
			W-INT 1	71	< 0.50	<0.50	<0.50	<0.50	110						
			W-INT 2	—	—	—	—	—	—						
			W-EFF	< 50	< 0.50	<0.50	<0.50	<0.50	<2.5						

**TABLE 4**  
**OPERATION AND PERFORMANCE DATA FOR**  
**GROUNDWATER EXTRACTION AND TREATMENT SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 7 of 13)

**TABLE 4**  
**OPERATION AND PERFORMANCE DATA FOR**  
**GROUNDWATER EXTRACTION AND TREATMENT SYSTEM**

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**OPERATION AND PERFORMANCE DATA FOR**  
**GROUNDWATER EXTRACTION AND TREATMENT SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 9 of 13)

Date	Total Flow	Average Flowrate	Sample ID	Laboratory Analytical Results					TPHg Removal		Benzene Removal		MTBE Removal		
	(gal)	(gpm)		TPHg ( $\mu\text{g/L}$ )	B ( $\mu\text{g/L}$ )	T ( $\mu\text{g/L}$ )	E ( $\mu\text{g/L}$ )	X ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
04/08/05 Started GRS and ran water through system into holding tank (no discharge). Approximately 400 gallons.															
04/08/05	1,064,739	0.0	W-INF	600	< 0.50	< 0.5	< 0.5	< 0.5	748	0.009	< 32.3	< 0.000	< 4.923	0.015	8.962
			W-INT 1	< 50.0	< 0.50	< 0.5	< 0.5	< 0.5	2.9						
			W-INT 2	< 50.0	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5						
			W-PSP#1	< 50.0	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5						
06/27/05	1,065,780	0.0													
06/28/05	1,066,510	0.5													
06/29/05	1,075,770	6.4													
07/01/05	1,093,250	6.1													
07/08/05	1,146,060	5.2													
07/15/05	1,201,070	5.5													
07/22/05	1,257,570	5.4	W-INF	844	8.80	2.3	0.7	30.9	707	1.162	< 33.4	0.007	< 4.931	1.170	10.132
			W-INT 1	151	< 0.50	< 0.5	< 0.5	< 0.5	151						
			W-INT 2	< 50.0	< 0.50	< 0.5	< 0.5	< 0.5	1.9						
			W-PSP#1	< 50.0	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5						
07/24/05	1,271,470	4.8													
07/29/05	1,272,030	0.1													
08/05/05 a	1,272,630	0.1	W-INF	713	6.01	< 0.500	0.569	9.69	647	0.098	< 33.5	0.001	< 4.932	0.085	10.218
			W-INT 1	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	0.698						
			W-INT 2	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500						
			W-PSP#1	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500						
08/12/05	1,326,820	5.4													
08/19/05	1,330,450	0.4													
08/26/05	1,346,130	1.6													
09/02/05	1,384,160	3.8													
09/09/05	1,436,360	5.2	W-INF	681	0.96	< 0.50	< 0.50	< 0.50	664	0.952	< 34.5	0.005	< 4.937	0.895	11.113
			W-INT 1	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
			W-INT 2	< 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	< 0.50						
09/16/05	1,488,660	5.2													
09/19/05	1,507,200	4.3													
10/07/05	1,507,820	0.0													
10/14/05	1,550,690	4.3													
10/21/05	1,563,060	1.2													
10/28/05	1,578,720	1.6													
11/04/05	1,634,790	5.6													
11/11/05	1,670,990	3.6	W-INF	858	0.86	< 0.50	< 0.50	< 0.50	695	1.506	< 36.0	0.002	< 4.938	1.330	12.443
			W-INT 1	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	3.25						
			W-INT 2	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	0.53						
			W-PSP#1	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
11/18/05	1,706,440	3.5													
11/21/05	1,715,550	2.1													
12/02/05	1,772,310	3.6													
12/09/05	1,786,420	1.4	W-INF	1,060	< 0.50	< 0.50	< 0.50	< 0.50	821	0.924	< 36.9	< 0.001	< 4.939	0.730	13.173
			W-INT 1	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	16.0						
			W-INT 2	< 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	< 0.50						

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Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 10 of 13)

Date	Total Flow	Average Flowrate	Sample	Laboratory Analytical Results						TPHg Removal		Benzene Removal		MTBE Removal	
	(gal)	(gpm)	ID	TPHg	B	T	E	X	MTBE	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
12/16/05	1,800,240	1.4													
12/22/05	1,804,140	0.5													
12/30/05	1,804,160	0.0													
01/06/06	1,823,487	1.9	W-INF	3,210 c	< 0.50	<0.50	<0.50	<0.50	1,240	0.660	< 37.6	< 0.0002	< 4.939	0.319	13.492
			W-INT 1	< 50.0	< 0.50	<0.50	<0.50	<0.50	28.8						
			W-INT 2	< 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	<0.50						
01/13/06	1,840,520	1.7													
01/20/06	1,853,860	1.3													
01/27/06	1,870,720	1.7													
02/03/06	1,887,390	1.7	W-INF	1,700 d	< 10	<10	<10	<10	1,700	1.309	< 38.9	< 0.0028	< 4.942	0.784	14.276
			W-INT 1	< 50	< 0.50	<0.50	<0.50	<0.50	35						
			W-INT 2	< 50	< 0.50	<0.50	<0.50	<0.50	<2.5						
			W-PSP#1	< 50	< 0.50	<0.50	<0.50	<0.50	<2.5						
02/10/06	Groundwater extraction and treatment (GET) system running on arrival and departure.														
	1,904,310	1.7													
02/17/06	GET system running on arrival and departure.														
	1,921,860	1.7													
02/23/06	GET system running on arrival and departure.														
	1,936,920	1.7													
02/24/06	GET system running on arrival and departure.														
	1,941,290	3.0													
03/03/06	GET system running on arrival and departure.														
	1,972,060	3.1	W-INF	< 2,500	< 25	<25	<25	<25	1,700	< 1.484	< 40.3	< 0.0124	< 4.954	1.201	15.477
			W-INT 1	< 500	< 5.0	<5.0	<5.0	<5.0	250						
			W-INT 2	< 50	< 0.50	<0.50	<0.50	<0.50	<2.5						
			W-PSP#1	< 50	< 0.50	<0.50	<0.50	<0.50	<2.5						
03/10/06	GET system running on arrival and departure.														
	1,989,680	1.7													
03/17/06	GET system down on arrival (moisture separator tank [MST] high level). Restarted. Running on departure.														
	2,002,980	1.3													
03/24/06	GET system running on arrival and departure.														
	2,038,840	3.6													
03/31/06	GET system down on arrival. Restarted. Running on departure.														
	2,042,050	0.3													
04/07/06	GET system running on arrival and departure.														
	2,079,030	3.7	W-INF	< 2,500	< 25	<25	<25	<25	1,800	< 2.231	< 42.6	< 0.0223	< 4.977	1.562	17.038
			W-INT 1	400 d	< 2.5	<2.5	<2.5	<2.5	440						
			W-INT 2	< 50	< 0.50	<0.50	<0.50	<0.50	<2.5						
			W-PSP#1	< 50	< 0.50	<0.50	<0.50	<0.50	<2.5						
04/13/06	GET system running on arrival and departure.														
	2,109,320	3.5													
04/28/06	GET system running on arrival and departure.														
	2,145,290	1.7													
05/05/06	GET system running on arrival and departure.														
	2,180,750	3.5	W-INF	< 2,500	< 25	<25	<25	<25	1,800	< 2.122	< 44.7	< 0.0212	< 4.998	1.528	18.566
			W-INT 1	650 d	< 5.0	<5.0	<5.0	<5.0	800						
			W-INT 2	< 50	< 0.50	<0.50	<0.50	<0.50	<2.5						
			W-PSP#1	< 50	< 0.50	<0.50	<0.50	<0.50	<2.5						

**TABLE 4**  
**OPERATION AND PERFORMANCE DATA FOR**  
**GROUNDWATER EXTRACTION AND TREATMENT SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 11 of 13)

**TABLE 4**  
**OPERATION AND PERFORMANCE DATA FOR**  
**GROUNDWATER EXTRACTION AND TREATMENT SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 12 of 13)

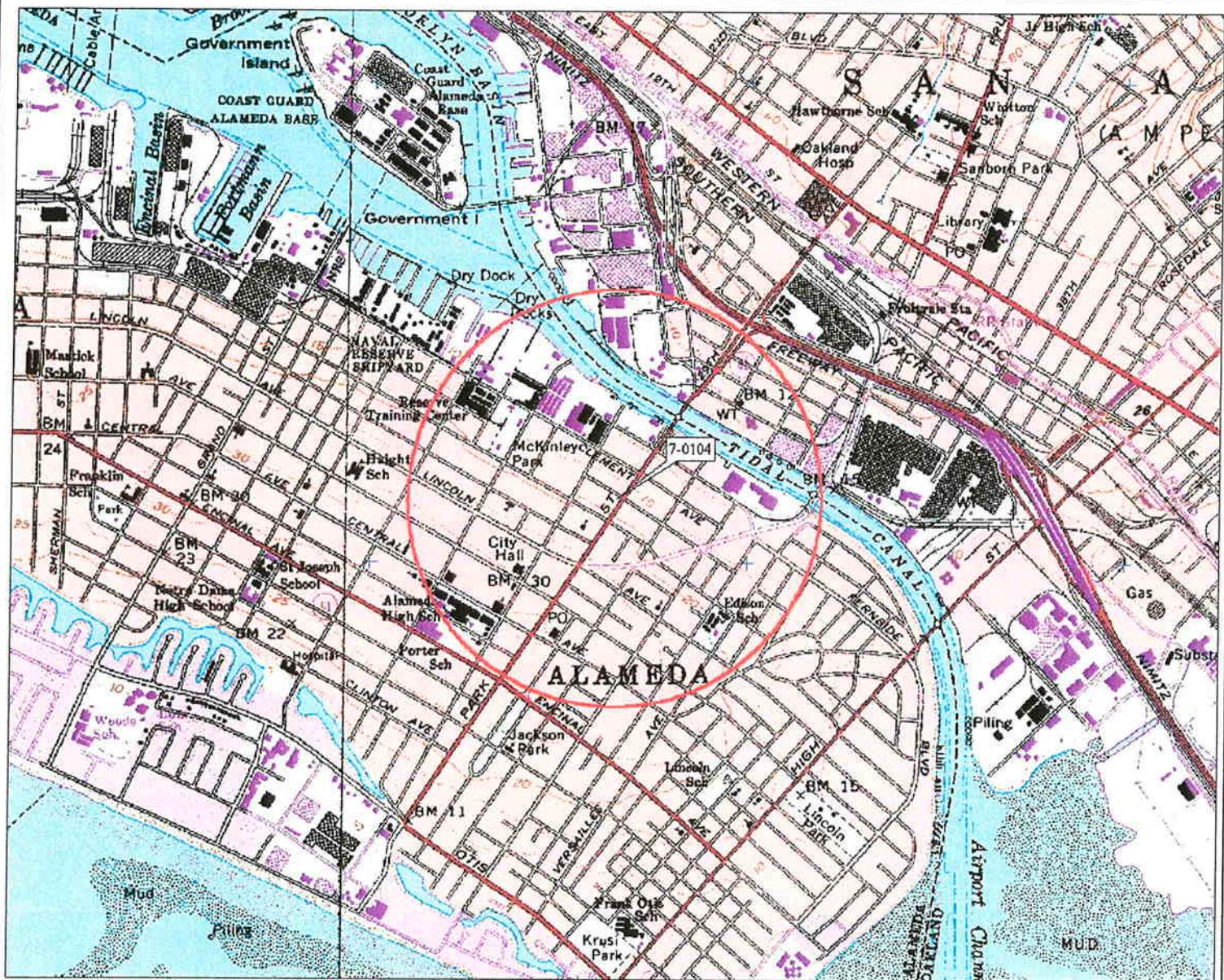
Date	Total Flow (gal)	Average Flowrate (gpm)	Sample ID	Laboratory Analytical Results					TPHg Removal		Benzene Removal		MTBE Removal		
				TPHg ( $\mu\text{g/L}$ )	B ( $\mu\text{g/L}$ )	T ( $\mu\text{g/L}$ )	E ( $\mu\text{g/L}$ )	X ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
10/13/06	Get system down on arrival and departure. 2,672,600	0.2													
10/20/06	GET system down on arrival and locked out/tagged out on departure for carbon changeout. 2,672,860	0.0													
10/27/06	GET system down on arrival and running on departure. 2,672,860	0.0	W-INF W-INT 1 W-INT 2 W-PSP#1	< 2,500 < 50 < 50 < 50	< 25 < 0.50 < 0.50 < 0.50	<25 <0.50 <0.50 <0.50	<25 <0.50 <0.50 <0.50	<25 <0.50 <0.50 <0.50	2,400 <0.50 <0.50 <0.50	0.028	< 51.2	< 0.0002	< 5.038	0.028	24.833
11/03/06	Get system running on arrival and departure. 2,710,410	3.7													
11/10/06	Get system running on arrival and departure. 2,751,080	4.0	W-INF W-INT 1 W-INT 2 W-PSP#1	2,700 d < 50 < 50 < 50	< 25 < 0.50 < 0.50 < 0.50	<25 <0.50 <0.50 <0.50	<25 <0.50 <0.50 <0.50	<25 <0.50 <0.50 <0.50	2,500 <0.50 <0.50 <0.50	1.697	< 52.9	< 0.0163	< 5.054	1.599	26.431
11/14/06	Get system running on arrival and departure. 2,775,140	4.2													
11/20/06	Get system running on arrival and departure. 2,808,860	3.9													
11/27/06	Get system running on arrival and departure. 2,845,210	3.6													
12/05/06	Get system running on arrival and departure. 2,885,930	3.5	W-INF W-INT 1 W-INT 2 W-PSP#1	2,500 d < 50 < 50 < 50	< 25 < 0.50 < 0.50 < 0.50	<25 <0.50 <0.50 <0.50	<25 <0.50 <0.50 <0.50	<25 <0.50 <0.50 <0.50	2,300 <0.50 <0.50 <0.50	2.925	< 55.8	< 0.0281	< 5.083	2.700	29.132
12/15/06	Get down on arrival and running departure. 2,885,930	0.0													
12/21/06	Get system running on arrival and departure. 2,922,240	4.2													
12/26/06	Get system running on arrival and departure. 2,944,490	3.1													
01/05/07	Get system running on arrival and departure. 2,969,800	1.8													
01/12/07	Get system running on arrival and departure. 3,012,350	4.2	W-INF W-INT 1 W-INT 2 W-PSP#1	1,600 d < 50 < 50 < 50	< 12 < 5.0 < 0.50 < 0.50	<12 <5.0 <0.50 <0.50	<12 <5.0 <0.50 <0.50	<12 <5.0 <0.50 <0.50	1,700 <5.0 <0.50 <0.50	2.162	< 57.9	< 0.0195	< 5.102	2.110	31.241
01/19/07	Get system running on arrival and departure. 3,046,970	3.4													
01/26/07	Get system running on arrival and departure. 3,090,550	4.3													
02/02/07	Get system running on arrival and departure. 3,129,760	3.9	W-INF W-INT 1 W-INT 2 W-PSP#1	1,400 d 1,100 d < 50 < 50	< 12 < 10 < 0.50 < 0.50	<12 <10 <0.50 <0.50	<12 <10 <0.50 <0.50	<12 <10 <0.50 <0.50	2,100 1,400 <0.50 <0.50	1.469	< 59.4	< 0.0118	< 5.114	1.861	33.102

**TABLE 4**  
**OPERATION AND PERFORMANCE DATA FOR**  
**GROUNDWATER EXTRACTION AND TREATMENT SYSTEM**  
Former Exxon Service Station 7-0104  
1725 Park Street  
Alameda, California  
(Page 13 of 13)

Date	Total Flow	Average Flowrate	Sample ID	Laboratory Analytical Results					TPHg Removal		Benzene Removal		MTBE Removal		
	(gal)	(gpm)		TPHg	B	T	E	X	MTBE	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
02/09/07	Get system running on arrival and departure.	3,169,480	3.9												
02/16/07	GET system running on arrival and locked out/tagged out on departure for carbon changeout.	3,187,150	1.8												

Notes: Data prior to April 1, 2000, provided by Delta Environmental Consultants, Inc.

- W-INF = Water sample collected at the influent sample location.
- W-INT = Water sample collected at the intermediate sample location.
- W-EFF = Water sample collected at the effluent sample location.
- W-PSP#1 = Water sample collected at the effluent sample location East Bay Municipal Utilities District (process sampling point #1).
- TPHg = Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8021B or 8015B.
- BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
- MTBE = Methyl tertiary butyl ether analyzed using EPA Method 8021B.
- gal = Gallons.
- gpm = Gallons per minute.
- µg/L = Micrograms per liter.
- lbs = Pounds.
- < = Less than the stated laboratory method reporting limit.
- = Not sampled/Not analyzed/Not measured/Not recorded/Not calculated/Not applicable.
- a = Incorrect sample date is shown on laboratory report. The correct date is shown on table.
- b = Estimated value above laboratory equipment calibration range.
- c = Analyte detected in associated Method Blank.
- d = The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.

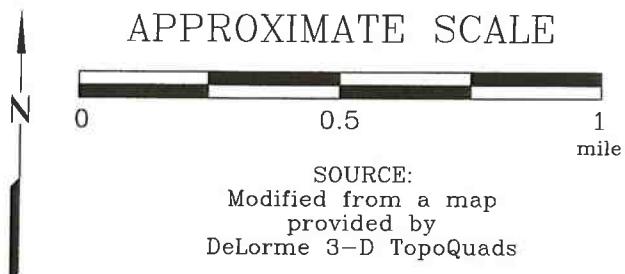


## EXPLANATION



1/2-mile radius circle

## APPROXIMATE SCALE



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



## SITE VICINITY MAP

FORMER EXXON SERVICE STATION 7-0104  
1725 Park Street  
Alameda, California

PROJECT NO.	2506
PLATE	1

Analyte Concentrations in ug/L  
Sampled March 12, 2007

13,000 Total Petroleum Hydrocarbons as gasoline

420 Benzene

28 Methyl Tertiary Butyl Ether (EPA Method 8260B)

45 Tertiary Butyl Alcohol

< Less Than the Stated Laboratory Reporting Limit

ug/L Micrograms per Liter

NS Not sampled

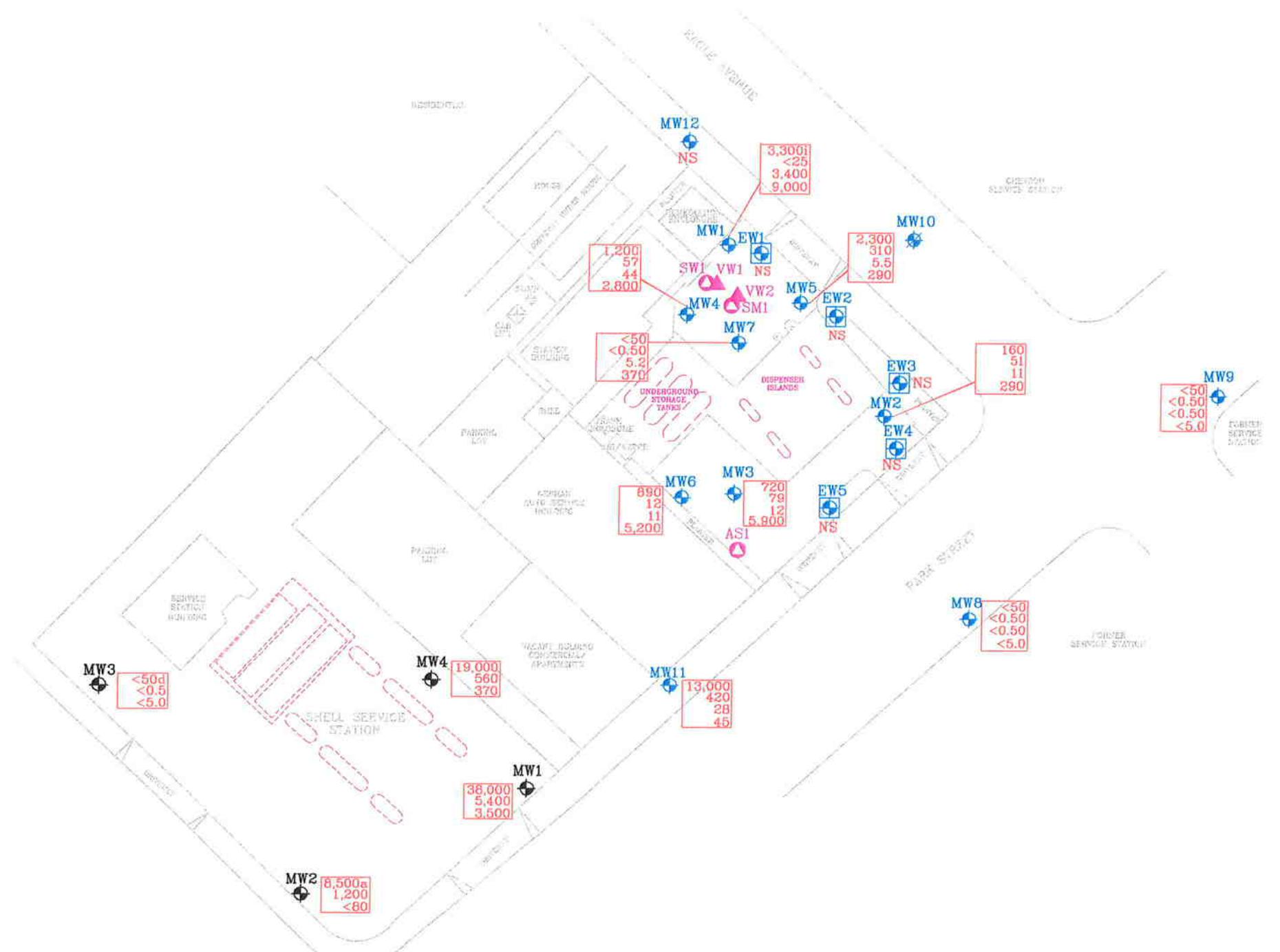
a Lighter than water immiscible sheen/product is present.

d Liquid sample that contains greater than ~1 vol.% sediment.

i Elevated result due to single analyte peak(s) in the quantitation range.

**NOTES:**

Wells MW12, EW2, and EW4 not routinely monitored or sampled.



APPROXIMATE SCALE



FN 25060002\_QM



**SELECT ANALYTICAL RESULTS**  
**March 12, 2007**  
FORMER  
EXXON SERVICE STATION 7-0104  
1725 Park Street  
Alameda, California

**EXPLANATION**

MW11 Groundwater Monitoring Well

EW4 Recovery Well

MW10 Destroyed Groundwater Monitoring Well

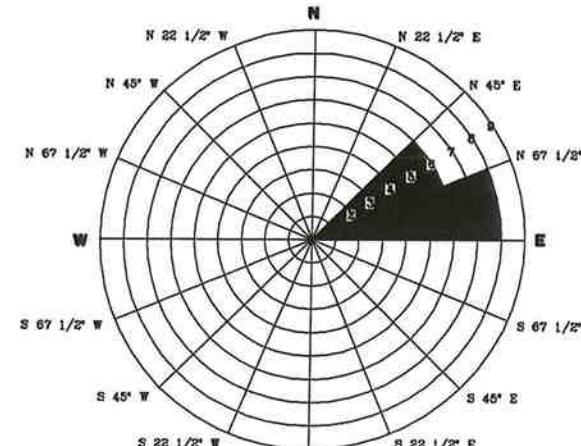
MW4 Groundwater Monitoring Well By Others

VW2 Vapor Extraction Well

AS1 Air Sparge/Soil Vapor Well

**PROJECT NO.**  
2506

**PLATE**  
2

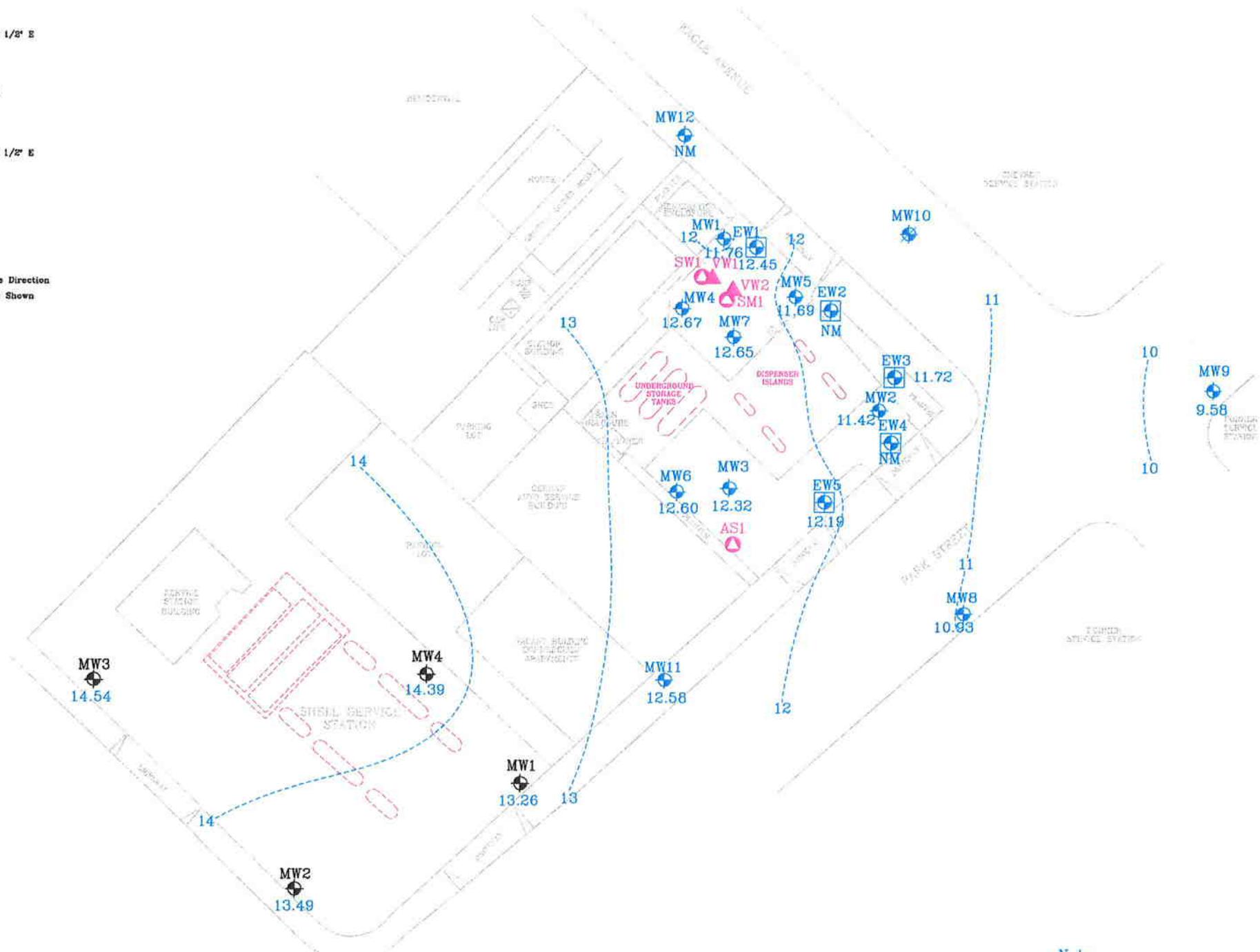


March 1, 2004, through March 12, 2007

22 Data Points Shown

Rose diagram developed by evaluating the groundwater gradient direction from the quarterly monitoring data. Each circle on the rose diagram represents the number of monitoring events that the gradient plotted in that 22 1/2 degree sector.

**GROUNDWATER FLOW DIRECTION  
ROSE DIAGRAM**



**APPROXIMATE SCALE**



FN 25060002\_QM



**GROUNDWATER ELEVATION MAP**  
**March 12, 2007**  
**FORMER**  
**EXXON SERVICE STATION 7-0104**  
**1725 Park Street**  
**Alameda, California**

**EXPLANATION**

- MW11      Groundwater Monitoring Well
- 12.58      Groundwater elevation in feet; datum is mean sea level
- EW4      Recovery Well
- MW10      Destroyed Groundwater Monitoring Well

**Notes:**

Wells MW12, EW2, and EW4 not routinely monitored or sampled.  
NM Not Measured

14 ----- Line of Equal Groundwater Elevation; datum is mean sea level

**PROJECT NO.**  
2506

**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 a ORS Interface Probe, which is accurate to the nearest 0.01 foot. To calculate groundwater elevations and evaluate groundwater gradient, depth to water (DTW) levels are subtracted from top of casing elevations.

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

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

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

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

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

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

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

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

**ATTACHMENT B**

**GROUNDWATER MONITORING AND SAMPLING DATA  
SHELL-BRANDED SERVICE STATION  
1701 PARK STREET  
(P&D ENVIRONMENTAL, MARCH 12, 2007)**

**Table 1. Well Monitoring Data**

Well Number	Date Monitored	Top of Casing Elevation (ft-msl.)	Depth to Water (ft)	Water Table Elevation (ft-msl.)
MW1	3/12/2007	19.60	6.34	13.26
	11/6/2006	19.60	7.99	11.61
MW2	3/12/2007	20.31	6.82	13.49
	11/6/2006	20.31	8.25	12.06
MW3	3/12/2007	20.57	6.03	14.54
	11/6/2006	20.57	8.09	12.48
MW4	3/12/2007	19.69	5.30	14.39
	11/6/2006	19.69	7.60	12.09

**Abbreviations and Notes:**

ft-msl = feet above mean sea level

ft = feet

**Table 2. Summary of Laboratory Analytical Results**

Well Number	Sample Date	TPH-MO	TPH-D	TPH-G	MTBE	Benzene	Toluene	Ethylbenzene	Total Xylenes
		μg/L							
MW1	3/12/2007	300	3,500, b, c	38,000	3,500	5,400	2,900	1,300	5,100
	11/6/2006	360	3,400,a,c,d	44,000,a,d	3,900	5,600	2,300	920	3,000
MW2	3/12/2007	21,000	74,000, a, c	8,500, a	ND< 80	1,200	34	140	69
	11/6/2006	11,000	45,000, a,c,d	14,000,a,d	ND<120	1,400	27	200	37
MW3	3/12/2007	ND< 250	ND< 50, d	ND< 50, d	ND< 5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	11/6/2006	ND<250	ND<50	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
MW4	3/12/2007	ND< 250	3,100, c	19,000	370	560	450	1,100	4,400
	11/6/2006	850	4,300,c,d	23,000,d	ND<900	680	250	930	3,100

**Abbreviations and Notes:**

TPH-MO = Total Petroleum Hydrocarbons as Motor Oil

TPH-D = Total Petroleum Hydrocarbons as Diesel

TPH-G = Total Petroleum Hydrocarbons as Gasoline

MTBE = Methyl tertiary-butyl ether

μg/L = Micrograms per liter

ND<X = Not detected at a concentration above the laboratory reporting limit X

a = Laboratory Note: lighter than water immiscible sheen/ product is present

b = Laboratory Note: diesel range compounds are significant; no recognizable pattern

c = Laboratory Note: gasoline range compounds are significant

d = Laboratory Note: liquid sample that contains greater than ~1 vol. % sediment.

**ATTACHMENT C**

**LABORATORY ANALYTICAL REPORTS  
AND CHAIN-OF-CUSTODY RECORDS**

28 March, 2007

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

RE: Exxon 7-0104  
Work Order: MQC0422

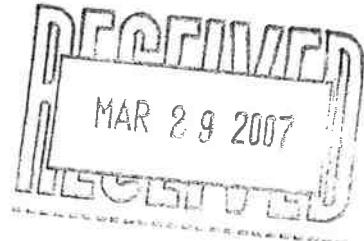
Enclosed are the results of analyses for samples received by the laboratory on 03/13/07 18:00. The samples arrived at a temperature of 2° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Christina Woodcock  
Project Manager

CA ELAP Certificate #1210



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

Project: Exxon 7-0104  
 Project Number: 7-0104  
 Project Manager: Paula Sime

MQC0422  
**Reported:**  
 03/28/07 10:09

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
QCBB	MQC0422-01	Water	03/12/07 00:00	03/13/07 18:00
MW1	MQC0422-02	Water	03/12/07 15:30	03/13/07 18:00
MW2	MQC0422-03	Water	03/12/07 16:20	03/13/07 18:00
MW3	MQC0422-04	Water	03/12/07 14:58	03/13/07 18:00
MW4	MQC0422-05	Water	03/12/07 17:00	03/13/07 18:00
MW5	MQC0422-06	Water	03/12/07 15:50	03/13/07 18:00
MW6	MQC0422-07	Water	03/12/07 13:11	03/13/07 18:00
MW7	MQC0422-08	Water	03/12/07 13:22	03/13/07 18:00
MW8	MQC0422-09	Water	03/12/07 12:18	03/13/07 18:00
MW9	MQC0422-10	Water	03/12/07 11:20	03/13/07 18:00
MW11	MQC0422-11	Water	03/12/07 17:30	03/13/07 18:00

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQC0422  
Reported:  
03/28/07 10:09

MW1 (MQC0422-02) Water Sampled: 03/12/07 15:30 Received: 03/13/07 18:00

### 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)	3300	2500	ug/l	50	7C19007	03/19/07	03/19/07	EPA 8015B/8021B	QP
Benzene	ND	25	"	"	"	"	"	"	
Toluene	ND	25	"	"	"	"	"	"	
Ethylbenzene	ND	25	"	"	"	"	"	"	
Xylenes (total)	ND	25	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		110 %	85-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	75-125		"	"	"	"	

### Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	120	47	ug/l	1	7C15008	03/15/07	03/16/07	EPA 8015B-SVOA	Q1
Surrogate: <i>n</i> -Octacosane		91 %	30-115	"	"	"	"	"	

### Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	100	ug/l	200	7C15021	03/15/07	03/16/07	EPA 8260B	
tert-Butyl alcohol	9000	1000	"	"	"	"	"	"	
Di-isopropyl ether	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	100	"	"	"	"	"	"	
Methyl tert-butyl ether	3400	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		95 %	75-130	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		94 %	60-145	"	"	"	"	"	
Surrogate: Toluene-d8		95 %	70-130	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91 %	60-120	"	"	"	"	"	

TestAmerica - Morgan Hill, CA

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

Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0104 Project Number: 7-0104 Project Manager: Paula Sime	MQC0422 Reported: 03/28/07 10:09
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MW2 (MQC0422-03) Water Sampled: 03/12/07 16:20 Received: 03/13/07 18:00

### 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)	160	100	ug/l	2	7C19007	03/19/07	03/19/07	EPA 8015B/8021B	
Benzene	51	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		108 %		85-120		"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %		75-125		"	"	"	

### Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	48	47	ug/l	1	7C15008	03/15/07	03/16/07	EPA 8015B-SVOA	Q1
Surrogate: <i>n</i> -Octacosane		83 %		30-115		"	"	"	"

### Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	7C15021	03/15/07	03/15/07	EPA 8260B	
tert-Butyl alcohol	290	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	11	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		87 %		75-130		"	"	"	
Surrogate: 1,2-Dichloroethane-d4		81 %		60-145		"	"	"	
Surrogate: Toluene-d8		95 %		70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene		86 %		60-120		"	"	"	

TestAmerica - Morgan Hill, CA

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

Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0104 Project Number: 7-0104 Project Manager: Paula Sime	MQC0422 Reported: 03/28/07 10:09
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MW3 (MQC0422-04) Water Sampled: 03/12/07 14:58 Received: 03/13/07 18:00

### 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)	720	250	ug/l	5	7C19007	03/19/07	03/19/07	EPA 8015B/8021B	
Benzene	79	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	4.1	2.5	"	"	"	"	"	"	
Xylenes (total)	4.4	2.5	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		108 %	85-120	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	75-125	"	"	"	"	"	

### Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	160	47	ug/l	1	7C15008	03/15/07	03/16/07	EPA 8015B-SVOA	Q1
Surrogate: <i>n</i> -Octacosane		85 %	30-115	"	"	"	"	"	

### Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	2.5	ug/l	5	7C15021	03/15/07	03/16/07	EPA 8260B	
tert-Butyl alcohol	5900	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
Ethanol	ND	500	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	12	2.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		92 %	75-130	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		88 %	60-145	"	"	"	"	"	
Surrogate: Toluene-d8		95 %	70-130	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87 %	60-120	"	"	"	"	"	

TestAmerica - Morgan Hill, CA

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQC0422  
Reported:  
03/28/07 10:09

MW4 (MQC0422-05) Water Sampled: 03/12/07 17:00 Received: 03/13/07 18:00

### 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)	1200	100	ug/l	2	7C19007	03/19/07	03/19/07	EPA 8015B/8021B	
Benzene	57	1.0	"	"	"	"	"	"	"
Toluene	1.8	1.0	"	"	"	"	"	"	"
Ethylbenzene	11	1.0	"	"	"	"	"	"	"
Xylenes (total)	7.4	1.0	"	"	"	"	"	"	"
Surrogate: <i>a,a,a</i> -Trifluorotoluene	98 %		85-120						
Surrogate: 4-Bromofluorobenzene	112 %		75-125						

### Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	390	47	ug/l	1	7C15008	03/15/07	03/16/07	EPA 8015B-SVOA	Q1
Surrogate: <i>n</i> -Octacosane	87 %		30-115						

### Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	1.0	ug/l	2	7C15021	03/15/07	03/16/07	EPA 8260B	
tert-Butyl alcohol	2800	10	"	"	"	"	"	"	"
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	"
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	"
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	"
Ethanol	ND	200	"	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	"
Methyl tert-butyl ether	44	1.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	90 %		75-130						
Surrogate: 1,2-Dichloroethane-d4	83 %		60-145						
Surrogate: Toluene-d8	96 %		70-130						
Surrogate: 4-Bromofluorobenzene	91 %		60-120						

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQC0422  
Reported:  
03/28/07 10:09

MW5 (MQC0422-06) Water Sampled: 03/12/07 15:50 Received: 03/13/07 18:00

### 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)	2300	500	ug/l	10	7C19007	03/19/07	03/19/07	EPA 8015B/8021B	
Benzene	310	5.0	"	"	"	"	"	"	"
Toluene	23	5.0	"	"	"	"	"	"	"
Ethylbenzene	32	5.0	"	"	"	"	"	"	"
Xylenes (total)	37	5.0	"	"	"	"	"	"	"
Surrogate: a,a,a-Trifluorotoluene		100 %		85-120		"	"	"	"
Surrogate: 4-Bromofluorobenzene		109 %		75-125		"	"	"	"

### Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	630	47	ug/l	1	7C15008	03/15/07	03/16/07	EPA 8015B-SVOA	Q1
Surrogate: n-Octacosane		83 %		30-115		"	"	"	"

### Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	7C15021	03/15/07	03/16/07	EPA 8260B	
tert-Butyl alcohol	290	5.0	"	"	"	"	"	"	"
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	"
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	"
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	"
Ethanol	ND	100	"	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	"
Methyl tert-butyl ether	5.5	0.50	"	"	"	"	"	"	"
Surrogate: Dibromofluoromethane		82 %		75-130		"	"	"	"
Surrogate: 1,2-Dichloroethane-d4		81 %		60-145		"	"	"	"
Surrogate: Toluene-d8		91 %		70-130		"	"	"	"
Surrogate: 4-Bromofluorobenzene		102 %		60-120		"	"	"	"

TestAmerica - Morgan Hill, CA

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQC0422  
Reported:  
03/28/07 10:09

MW6 (MQC0422-07) Water Sampled: 03/12/07 13:11 Received: 03/13/07 18:00

### 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)	890	50	ug/l	1	7C19007	03/19/07	03/19/07	EPA 8015B/8021B	
Benzene	12	0.50	"	"	"	"	"	"	"
Toluene	2.8	0.50	"	"	"	"	"	"	"
Ethylbenzene	12	0.50	"	"	"	"	"	"	"
Xylenes (total)	88	0.50	"	"	"	"	"	"	"
Surrogate: <i>a,a,a</i> -Trifluorotoluene		91 %		85-120		"	"	"	"
Surrogate: 4-Bromofluorobenzene		113 %		75-125		"	"	"	"

### Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	170	47	ug/l	1	7C15008	03/15/07	03/16/07	EPA 8015B-SVOA	Q1
Surrogate: <i>n</i> -Octacosane		85 %		30-115		"	"	"	"

### Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	2.5	ug/l	5	7C15021	03/15/07	03/16/07	EPA 8260B	
tert-Butyl alcohol	5200	25	"	"	"	"	"	"	"
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"	"
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	"
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	"
Ethanol	ND	500	"	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	"
Methyl tert-butyl ether	11	2.5	"	"	"	"	"	"	"
Surrogate: Dibromofluoromethane		86 %		75-130		"	"	"	"
Surrogate: 1,2-Dichloroethane-d4		83 %		60-145		"	"	"	"
Surrogate: Toluene-d8		95 %		70-130		"	"	"	"
Surrogate: 4-Bromofluorobenzene		88 %		60-120		"	"	"	"

TestAmerica - Morgan Hill, CA

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQC0422  
Reported:  
03/28/07 10:09

MW7 (MQC0422-08) Water Sampled: 03/12/07 13:22 Received: 03/13/07 18:00

### 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	7C19007	03/19/07	03/19/07	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	"
Toluene	ND	0.50	"	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"	"
Xylenes (total)	ND	0.50	"	"	"	"	"	"	"
Surrogate: <i>a,a,a</i> -Trifluorotoluene		110 %		85-120		"	"	"	"
Surrogate: 4-Bromofluorobenzene		117 %		75-125		"	"	"	"

### Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

#### TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	ND	47	ug/l	1	7C15008	03/15/07	03/16/07	EPA 8015B-SVOA	
Surrogate: <i>n</i> -Octacosane		87 %		30-115		"	"	"	"

### Volatile Organic Compounds by EPA Method 8260B

#### TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	7C15021	03/15/07	03/16/07	EPA 8260B	
tert-Butyl alcohol	370	5.0	"	"	"	"	"	"	"
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	"
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	"
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	"
Ethanol	ND	100	"	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	"
Methyl tert-butyl ether	5.2	0.50	"	"	"	"	"	"	"
Surrogate: Dibromofluoromethane		83 %		75-130		"	"	"	"
Surrogate: 1,2-Dichloroethane-d4		73 %		60-145		"	"	"	"
Surrogate: Toluene-d8		92 %		70-130		"	"	"	"
Surrogate: 4-Bromofluorobenzene		85 %		60-120		"	"	"	"

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQC0422  
Reported:  
03/28/07 10:09

MW8 (MQC0422-09) Water Sampled: 03/12/07 12:18 Received: 03/13/07 18:00

### 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	7C19007	03/19/07	03/19/07	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	"
Toluene	ND	0.50	"	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"	"
Xylenes (total)	ND	0.50	"	"	"	"	"	"	"
<i>Surrogate: a,a,a-Trifluorotoluene</i>		109 %	85-120	"	"	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		109 %	75-125	"	"	"	"	"	"

### Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	ND	47	ug/l	1	7C15008	03/15/07	03/16/07	EPA 8015B-SVOA	
<i>Surrogate: n-Octacosane</i>		85 %	30-115	"	"	"	"	"	"

### Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	7C15021	03/15/07	03/16/07	EPA 8260B	
tert-Butyl alcohol	ND	5.0	"	"	"	"	"	"	"
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	"
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	"
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	"
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	"
<i>Surrogate: Dibromofluoromethane</i>		94 %	75-130	"	"	"	"	"	"
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88 %	60-145	"	"	"	"	"	"
<i>Surrogate: Toluene-d8</i>		93 %	70-130	"	"	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		83 %	60-120	"	"	"	"	"	"

TestAmerica - Morgan Hill, CA

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQC0422  
Reported:  
03/28/07 10:09

MW9 (MQC0422-10) Water Sampled: 03/12/07 11:20 Received: 03/13/07 18:00

### 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	7C19007	03/19/07	03/19/07	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		112 %	85-120	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	75-125	"	"	"	"	"	

### Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	ND	47	ug/l	1	7C15008	03/15/07	03/16/07	EPA 8015B-SVOA	
Surrogate: <i>n</i> -Octacosane		81 %	30-115	"	"	"	"	"	

### Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	7C15021	03/15/07	03/16/07	EPA 8260B	
tert-Butyl alcohol	ND	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		89 %	75-130	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		86 %	60-145	"	"	"	"	"	
Surrogate: Toluene-d8		95 %	70-130	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		81 %	60-120	"	"	"	"	"	

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQC0422  
Reported:  
03/28/07 10:09

MW11 (MQC0422-11) Water Sampled: 03/12/07 17:30 Received: 03/13/07 18:00

### 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)	13000	5000	ug/l	100	7C19007	03/19/07	03/19/07	EPA 8015B/8021B	
Benzene	420	50	"	"	"	"	"	"	"
Toluene	280	50	"	"	"	"	"	"	"
Ethylbenzene	580	50	"	"	"	"	"	"	"
Xylenes (total)	2700	50	"	"	"	"	"	"	"
Surrogate: <i>a,a,a</i> -Trifluorotoluene		109 %	85-120	"	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene		108 %	75-125	"	"	"	"	"	"

### Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

#### TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	1200	47	ug/l	1	7C15008	03/15/07	03/16/07	EPA 8015B-SVOA	Q1
Surrogate: <i>n</i> -Octacosane		83 %	30-115	"	"	"	"	"	

### Volatile Organic Compounds by EPA Method 8260B

#### TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	7C15021	03/15/07	03/16/07	EPA 8260B	
tert-Butyl alcohol	45	5.0	"	"	"	"	"	"	"
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	"
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	"
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	"
<b>Methyl tert-butyl ether</b>	<b>28</b>	<b>0.50</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	
Surrogate: Dibromofluoromethane		80 %	75-130	"	"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4		86 %	60-145	"	"	"	"	"	"
Surrogate: Toluene-d8		95 %	70-130	"	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene		110 %	60-120	"	"	"	"	"	

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQC0422  
Reported:  
03/28/07 10:09

**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
<b>Batch 7C19007 - EPA 5030B [P/T]</b>										
<b>Blank (7C19007-BLK1)</b>										
Prepared & Analyzed: 03/19/07										
Gasoline Range Organics (C4-C12)	ND	25	ug/l							
Benzene	ND	0.25	"							
Toluene	ND	0.29	"							
Ethylbenzene	ND	0.34	"							
Xylenes (total)	ND	0.35	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	89.3		"	80.0		112	85-120			
<i>Surrogate: 4-Bromoanisole</i>	88.2		"	80.0		110	75-125			
<b>LCS (7C19007-BS1)</b>										
Prepared & Analyzed: 03/19/07										
Gasoline Range Organics (C4-C12)	222	50	ug/l	275		81	60-115			
Benzene	4.60	0.50	"	4.85		95	45-150			
Toluene	22.0	0.50	"	23.5		94	70-115			
Ethylbenzene	4.39	0.50	"	4.70		93	65-115			
Xylenes (total)	25.2	0.50	"	26.5		95	70-115			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	86.1		"	80.0		108	85-120			
<i>Surrogate: 4-Bromoanisole</i>	88.0		"	80.0		110	75-125			
<b>Matrix Spike (7C19007-MS1)</b>										
Source: MQC0422-08 Prepared & Analyzed: 03/19/07										
Gasoline Range Organics (C4-C12)	260	50	ug/l	275	37	81	60-115			
Benzene	4.54	0.50	"	4.85	0.35	86	65-115			
Toluene	19.4	0.50	"	23.5	ND	83	70-115			
Ethylbenzene	3.97	0.50	"	4.70	ND	84	65-115			
Xylenes (total)	21.5	0.50	"	26.5	0.45	79	70-115			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	74.3		"	80.0		93	85-120			
<i>Surrogate: 4-Bromoanisole</i>	89.0		"	80.0		111	75-125			
<b>Matrix Spike Dup (7C19007-MSD1)</b>										
Source: MQC0422-08 Prepared & Analyzed: 03/19/07										
Gasoline Range Organics (C4-C12)	265	50	ug/l	275	37	83	60-115	2	20	
Benzene	4.70	0.50	"	4.85	0.35	90	65-115	3	25	
Toluene	22.3	0.50	"	23.5	ND	95	70-115	14	20	
Ethylbenzene	4.47	0.50	"	4.70	ND	95	65-115	12	25	
Xylenes (total)	24.4	0.50	"	26.5	0.45	90	70-115	13	20	

TestAmerica - Morgan Hill, CA

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

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQC0422  
Reported:  
03/28/07 10:09

**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 7C19007 - EPA 5030B [P/T]**

Matrix Spike Dup (7C19007-MSD1)	Source: MQC0422-08	Prepared & Analyzed: 03/19/07				
Surrogate: <i>a,a,a</i> -Trifluorotoluene	86.3	ug/l	80.0	108	85-120	
Surrogate: 4-Bromofluorobenzene	88.5	"	80.0	111	75-125	

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQC0422  
Reported:  
03/28/07 10:09

**Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B - Quality Control**  
**TestAmerica - Morgan Hill, CA**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD RPD	RPD Limit	Notes
<b>Batch 7C15008 - EPA 3510C</b>										
<b>Blank (7C15008-BLK1)</b> Prepared: 03/15/07 Analyzed: 03/16/07										
Diesel Range Organics (C10-C28)	ND	25	ug/l							
Surrogate: n-Octacosane	39.7	"		50.0		79	30-115			
<b>LCS (7C15008-BS1)</b> Prepared & Analyzed: 03/15/07										
Diesel Range Organics (C10-C28)	316	50	ug/l	500		63	40-140			
Surrogate: n-Octacosane	29.6	"		50.0		59	30-115			
<b>LCS Dup (7C15008-BSD1)</b> Prepared: 03/15/07 Analyzed: 03/16/07										
Diesel Range Organics (C10-C28)	331	50	ug/l	500		66	40-140	5	35	
Surrogate: n-Octacosane	36.6	"		50.0		73	30-115			

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQC0422  
Reported:  
03/28/07 10:09

**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
<b>Batch 7C15021 - EPA 5030B P/T</b>										
<b>Blank (7C15021-BLK1)</b>										
Prepared & Analyzed: 03/15/07										
tert-Amyl methyl ether	ND	0.30	ug/l							
tert-Butyl alcohol	ND	4.9	"							
Di-isopropyl ether	ND	0.25	"							
1,2-Dibromoethane (EDB)	ND	0.25	"							
1,2-Dichloroethane	ND	0.25	"							
Ethanol	ND	50	"							
Ethyl tert-butyl ether	ND	0.40	"							
Methyl tert-butyl ether	ND	0.31	"							
<i>Surrogate: Dibromoefluoromethane</i>	2.29		"	2.50		92	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.30		"	2.50		92	60-145			
<i>Surrogate: Toluene-d8</i>	2.24		"	2.50		90	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.22		"	2.50		89	60-120			
<b>LCS (7C15021-BS1)</b>										
Prepared & Analyzed: 03/15/07										
tert-Amyl methyl ether	11.1	0.50	ug/l	10.0		111	65-135			
tert-Butyl alcohol	188	20	"	200		94	60-135			
Di-isopropyl ether	9.66	0.50	"	10.0		97	70-130			
1,2-Dibromoethane (EDB)	11.7	0.50	"	10.0		117	75-140			
1,2-Dichloroethane	9.81	0.50	"	10.0		98	75-125			
Ethanol	197	100	"	200		98	15-150			
Ethyl tert-butyl ether	10.2	0.50	"	10.0		102	65-130			
Methyl tert-butyl ether	10.5	0.50	"	10.0		105	50-140			
<i>Surrogate: Dibromoefluoromethane</i>	2.28		"	2.50		91	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.30		"	2.50		92	60-145			
<i>Surrogate: Toluene-d8</i>	2.44		"	2.50		98	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.25		"	2.50		90	60-120			
<b>Matrix Spike (7C15021-MS1)</b>										
Source: MQC0422-03 Prepared & Analyzed: 03/15/07										
tert-Amyl methyl ether	9.90	0.50	ug/l	10.0	ND	99	65-135			
tert-Butyl alcohol	445	20	"	200	290	78	60-135			
Di-isopropyl ether	9.52	0.50	"	10.0	0.21	93	70-130			
1,2-Dibromoethane (EDB)	10.8	0.50	"	10.0	ND	108	75-140			

TestAmerica - Morgan Hill, CA

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQC0422  
Reported:  
03/28/07 10:09

**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
<b>Batch 7C15021 - EPA 5030B P/T</b>										
<b>Matrix Spike (7C15021-MS1)</b>										
<b>Source: MQC0422-03      Prepared &amp; Analyzed: 03/15/07</b>										
1,2-Dichloroethane	9.20	0.50	ug/l	10.0	ND	92	75-125			
Ethanol	183	100	"	200	ND	92	15-150			
Ethyl tert-butyl ether	9.59	0.50	"	10.0	ND	96	65-130			
Methyl tert-butyl ether	20.8	0.50	"	10.0	11	98	50-140			
<i>Surrogate: Dibromofluoromethane</i>	2.30		"	2.50		92	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.18		"	2.50		87	60-145			
<i>Surrogate: Toluene-d8</i>	2.36		"	2.50		94	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.15		"	2.50		86	60-120			
<b>Matrix Spike Dup (7C15021-MSD1)</b>										
<b>Source: MQC0422-03      Prepared &amp; Analyzed: 03/15/07</b>										
tert-Amyl methyl ether	9.73	0.50	ug/l	10.0	ND	97	65-135	2	25	
tert-Butyl alcohol	429	20	"	200	290	70	60-135	4	35	
Di-isopropyl ether	9.66	0.50	"	10.0	0.21	94	70-130	1	35	
1,2-Dibromoethane (EDB)	11.0	0.50	"	10.0	ND	110	75-140	2	15	
1,2-Dichloroethane	9.70	0.50	"	10.0	ND	97	75-125	5	20	
Ethanol	190	100	"	200	ND	95	15-150	4	35	
Ethyl tert-butyl ether	9.76	0.50	"	10.0	ND	98	65-130	2	35	
Methyl tert-butyl ether	21.8	0.50	"	10.0	11	108	50-140	5	25	
<i>Surrogate: Dibromofluoromethane</i>	2.41		"	2.50		96	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.39		"	2.50		96	60-145			
<i>Surrogate: Toluene-d8</i>	2.46		"	2.50		98	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.24		"	2.50		90	60-120			

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQC0422  
Reported:  
03/28/07 10:09

## Notes and Definitions

QP	Hydrocarbon result partly due to individual peak(s) in quantitation range.
Q1	Does not match typical pattern
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

## CHAIN OF CUSTODY RECORD

Page 1 of 1



408-776-9600

Morgan Hill Division  
885 Jarvis Drive  
Morgan Hill, CA 95037

ExxonMobil

Shipping Method:  Lab Courier  Hand Deliver  Commercial Express  Other:

Consultant Name: Environmental Resolutions, Inc.

Address: 601 N McDowell Blvd

City/State/Zip: Petaluma, California 94954

Project Manager Paula Sime

Telephone Number: (707) 766-2000

ERI Job Number: 250613X

Sampler Name: (Print) LYNX ADAMAH

Sampler Signature: Lynx Adamah

ExxonMobil Engineer Jennifer Sedlachek

Telephone Number (510) 547-8196

Account #: 10228

PO #: MQC0422

Facility ID # 7-0104

Global ID# T0600100555

Site Address 1725 Park Street

City, State Zip Alameda, California

TAT

- 24 hour  72 hour  
 48 hour  96 hour  
 8 day

PROVIDE:

EDF Report

## Special Instructions:

Use silica gel clean up for all TPHd analysis. 7 CA Oxys = MTBE,  
 ETBE, TBA, TAME, DIPE, 1,2-DCA, EDB  
 "TBA detection limit 12 ug/L"

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV (VOA/LITER)	NUMBER (VOA/LITER)	Matrix		Analyze For:					
							Water	Soil	Vapor	TPHd 8016B	TPHg 8015B	BTEX 8021B	7 CA Oxys 8260B	Ethanol 8280B
QCBB	01	3/12			HCL	2	X			H	O	L	D	
MW1	02		1530		HCL/none	6/2	X			X	X	X	X	
MW2	03		1620		HCL/none	6/2	X			X	X	X	X	
MW3	04		1458		HCL/none	6/2	X			X	X	X	X	
MW4	05		1700		HCL/none	6/2	X			X	X	X	X	
MW5	06		1550		HCL/none	6/2	X			X	X	X	X	
MW6	07		1311		HCL/none	6/2	X			X	X	X	X	
MW7	08		1322		HCL/none	6/2	X			X	X	X	X	
MW8	09		1420 (2/18)		HCL/none	6/2	X			X	X	X	X	
MW9	10		1120		HCL/none	6/2	X			X	X	X	X	
MW11	11		1730		HCL/none	6/2	X			X	X	X	X	

Relinquished by: Lynx Adamah Date 3/12/07

Time 19:30

Received by: Jennifer M (TAMH)

Time

11:45

Laboratory Comments:

Temperature Upon Receipt: 2-3

Sample Containers Intact? Y

VOAs Free of Headspace? Y

Relinquished by: Jennifer M (TAMH)

Date 3/13/07

Time 1800

Received by TestAmerica: 3/13/07

Time

16:00

# TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME:  
REC. BY (PRINT)  
WORKORDER:

ERI

Bharin

M90 04-22

DATE REC'D AT LAB: 03-13-07  
TIME REC'D AT LAB: 18:00  
DATE LOGGED IN: 3-14-07

For Regulatory Purposes?

DRINKING WATER YES / NO

WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent Intact / Broken*	_____	_____	_____	_____	_____	_____	_____	_____
2. Chain-of-Custody Present / Absent*	_____	_____	_____	_____	_____	_____	_____	_____
3. Traffic Reports or Packing List: Present / Absent	_____	_____	_____	_____	_____	_____	_____	_____
4. Airbill: Airbill / Sticker Present / Absent	_____	" "	_____	_____	_____	_____	_____	_____
5. Airbill #: _____	_____	_____	_____	_____	_____	_____	_____	_____
6. Sample Labels: Present / Absent	_____	_____	_____	_____	_____	_____	_____	_____
7. Sample IDs: Listed / Not Listed on Chain-of-Custody	_____	_____	_____	_____	_____	_____	_____	_____
8. Sample Condition: Intact / Broken* Leaking*	_____	_____	_____	_____	_____	_____	_____	_____
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*	_____	_____	_____	_____	_____	_____	_____	_____
10. Sample received within hold time? Yes / No*	_____	_____	_____	_____	_____	_____	_____	_____
11. Adequate sample volume received? Yes / No*	_____	_____	_____	_____	_____	_____	_____	_____
12. Proper preservatives used? Yes / No*	_____	_____	_____	_____	_____	_____	_____	_____
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*	_____	_____	_____	_____	_____	_____	_____	_____
14. Read Temp: 23 Corrected Temp: 23 Is corrected temp 4 +/- 2°C? Yes / No** (Acceptance range for samples requiring thermal pres.)	_____	_____	_____	_____	_____	_____	_____	_____
*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.								

## CHAIN OF CUSTODY RECORD

Page 1 of 1



408-776-9600

Morgan Hill Division  
885 Jarvis Drive  
Morgan Hill, CA 95037

ExxonMobil

Shipping Method:  Lab Courier  Hand Deliver  Commercial Express  Other:

Consultant Name: Environmental Resolutions, Inc.

Address: 601 N McDowell Blvd

City/State/Zip: Petaluma, California 94954

Project Manager Paula Sime

Telephone Number: (707) 766-2000

ERI Job Number: 250613X

Sampler Name: (Print) LYNX ADAMAH

Sampler Signature: Lynx Adamah

ExxonMobil Engineer Jennifer Sedlachek

Telephone Number (510) 547-8196

Account #: 10228

PO #: MQC0422

Facility ID # 7-0104

Global ID# T0600100555

Site Address 1725 Park Street

City, State Zip Alameda, California

TAT

- 24 hour  72 hour  
 48 hour  96 hour  
 8 day

PROVIDE:

EDF Report

Special Instructions:

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 ETBE, TBA, TAME, DIPE, 1,2-DCA, EDB  
 "TBA detection limit 12 ug/L"

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV (VOA/LITER)	NUMBER (VOA/LITER)	Matrix		Analyze For:					
							Water	Soil	Vapor	TPHd 8016B	TPHg 8015B	BTEX 8021B	7 CA Oxys 8260B	Ethanol 8280B
QCBB	01	3/12			HCL	2	X			H	O	L	D	
MW1	02		1530		HCL/none	6/2	X			X	X	X	X	
MW2	03		1620		HCL/none	6/2	X			X	X	X	X	
MW3	04		1458		HCL/none	6/2	X			X	X	X	X	
MW4	05		1700		HCL/none	6/2	X			X	X	X	X	
MW5	06		1550		HCL/none	6/2	X			X	X	X	X	
MW6	07		1311		HCL/none	6/2	X			X	X	X	X	
MW7	08		1322		HCL/none	6/2	X			X	X	X	X	
MW8	09		1420 (2/18)		HCL/none	6/2	X			X	X	X	X	
MW9	10		1120		HCL/none	6/2	X			X	X	X	X	
MW11	11		1730		HCL/none	6/2	X			X	X	X	X	

Relinquished by: Lynx Adamah Date 3/12/07

Time 19:30

Received by: Jennifer M (TAMH)

Time

11:45

Laboratory Comments:

Temperature Upon Receipt: 2-3

Sample Containers Intact? Y

VOAs Free of Headspace? Y

Relinquished by:

Shawn M (TAMH) Date 3/13/07

Time 1800

Received by TestAmerica: 3/13/07

Time

16:00

# TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME:  
REC. BY (PRINT)  
WORKORDER:

ERI

Bharin

MOB 04-22

DATE REC'D AT LAB: 03-13-07  
TIME REC'D AT LAB: 18:00  
DATE LOGGED IN: 3-14-07

For Regulatory Purposes?

DRINKING WATER YES / NO

WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent Intact / Broken*	_____	_____	_____	_____	_____	_____	_____	_____
2. Chain-of-Custody Present / Absent*	_____	_____	_____	_____	_____	_____	_____	_____
3. Traffic Reports or Packing List: Present / Absent	_____	_____	_____	_____	_____	_____	_____	_____
4. Airbill: Airbill / Sticker Present / Absent	_____	" "	_____	_____	_____	_____	_____	_____
5. Airbill #: _____	_____	_____	_____	_____	_____	_____	_____	_____
6. Sample Labels: Present / Absent	_____	_____	_____	_____	_____	_____	_____	_____
7. Sample IDs: Listed / Not Listed on Chain-of-Custody	_____	_____	_____	_____	_____	_____	_____	_____
8. Sample Condition: Intact / Broken* Leaking*	_____	_____	_____	_____	_____	_____	_____	_____
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*	_____	_____	_____	_____	_____	_____	_____	_____
10. Sample received within hold time? Yes / No*	_____	_____	_____	_____	_____	_____	_____	_____
11. Adequate sample volume received? Yes / No*	_____	_____	_____	_____	_____	_____	_____	_____
12. Proper preservatives used? Yes / No*	_____	_____	_____	_____	_____	_____	_____	_____
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*	_____	_____	_____	_____	_____	_____	_____	_____
14. Read Temp: 23 Corrected Temp: 23 Is corrected temp 4 +/- 2°C? Yes / No** (Acceptance range for samples requiring thermal pres.)	_____	_____	_____	_____	_____	_____	_____	_____
*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.								

January 29, 2007 12:06:58PM

Client: ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn: Paula Sime

Work Order: NQA1677  
Project Name: Exxon 7-0104  
Project Nbr: 2506-11X  
P/O Nbr: 4507206240  
Date Received: 01/17/07



#### SAMPLE IDENTIFICATION

A-EFF  
A-INT2  
A-INT1  
A-INF

#### LAB NUMBER

NQA1677-01  
NQA1677-02  
NQA1677-03  
NQA1677-04

#### COLLECTION DATE AND TIME

01/12/07 08:00  
01/12/07 08:15  
01/12/07 08:30  
01/12/07 08:45

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.

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.

Estimated uncertainty 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	Work Order:	NQA1677
		Project Name:	Exxon 7-0104
		Project Number:	2506-11X
Attn	Paula Sime	Received:	01/17/07 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NQA1677-01 (A-EFF - Air) Sampled: 01/12/07 08:00</b>								
BTEX in Air by GC/PID								
Methyl tert-Butyl Ether	ND		mg/m3	0.500	1	01/17/07 19:36	EPA 18M	7012605
Benzene	ND		mg/m3	0.500	1	01/17/07 19:36	EPA 18M	7012605
Toluene	ND		mg/m3	0.500	1	01/17/07 19:36	EPA 18M	7012605
Ethylbenzene	ND		mg/m3	0.500	1	01/17/07 19:36	EPA 18M	7012605
Xylenes, total	ND		mg/m3	1.50	1	01/17/07 19:36	EPA 18M	7012605
>C4 - C10 Hydrocarbons	ND		mg/m3	50.0	1	01/17/07 19:36	EPA 18M	7012605
<b>Sample ID: NQA1677-02 (A-INT2 - Air) Sampled: 01/12/07 08:15</b>								
BTEX in Air by GC/PID								
Methyl tert-Butyl Ether	ND		mg/m3	0.500	1	01/17/07 20:06	EPA 18M	7012605
Benzene	ND		mg/m3	0.500	1	01/17/07 20:06	EPA 18M	7012605
Toluene	ND		mg/m3	0.500	1	01/17/07 20:06	EPA 18M	7012605
Ethylbenzene	ND		mg/m3	0.500	1	01/17/07 20:06	EPA 18M	7012605
Xylenes, total	ND		mg/m3	1.50	1	01/17/07 20:06	EPA 18M	7012605
>C4 - C10 Hydrocarbons	ND		mg/m3	50.0	1	01/17/07 20:06	EPA 18M	7012605
<b>Sample ID: NQA1677-03 (A-INT1 - Air) Sampled: 01/12/07 08:30</b>								
BTEX in Air by GC/PID								
Methyl tert-Butyl Ether	ND		mg/m3	0.500	1	01/17/07 20:35	EPA 18M	7012605
Benzene	ND		mg/m3	0.500	1	01/17/07 20:35	EPA 18M	7012605
Toluene	ND		mg/m3	0.500	1	01/17/07 20:35	EPA 18M	7012605
Ethylbenzene	ND		mg/m3	0.500	1	01/17/07 20:35	EPA 18M	7012605
Xylenes, total	ND		mg/m3	1.50	1	01/17/07 20:35	EPA 18M	7012605
>C4 - C10 Hydrocarbons	ND		mg/m3	50.0	1	01/17/07 20:35	EPA 18M	7012605
<b>Sample ID: NQA1677-04 (A-INF - Air) Sampled: 01/12/07 08:45</b>								
BTEX in Air by GC/PID								
Methyl tert-Butyl Ether	ND		mg/m3	0.500	1	01/17/07 21:05	EPA 18M	7012605
Benzene	ND		mg/m3	0.500	1	01/17/07 21:05	EPA 18M	7012605
Toluene	ND		mg/m3	0.500	1	01/17/07 21:05	EPA 18M	7012605
Ethylbenzene	ND		mg/m3	0.500	1	01/17/07 21:05	EPA 18M	7012605
Xylenes, total	ND		mg/m3	1.50	1	01/17/07 21:05	EPA 18M	7012605
>C4 - C10 Hydrocarbons	ND		mg/m3	50.0	1	01/17/07 21:05	EPA 18M	7012605

Client	ERI Petaluma (10228)	Work Order:	NQA1677
	601 North McDowell Blvd.	Project Name:	Exxon 7-0104
	Petaluma, CA 94954	Project Number:	2506-11X
Attn	Paula Sime	Received:	01/17/07 08:00

**PROJECT QUALITY CONTROL DATA**  
**Blank**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>BTEX in Air by GC/PID</b>						
<b>7012605-BLK1</b>						
Methyl tert-Butyl Ether	<0.230		mg/m <sup>3</sup>	7012605	7012605-BLK1	01/17/07 16:39
Benzene	<0.270		mg/m <sup>3</sup>	7012605	7012605-BLK1	01/17/07 16:39
Toluene	<0.390		mg/m <sup>3</sup>	7012605	7012605-BLK1	01/17/07 16:39
Ethylbenzene	<0.220		mg/m <sup>3</sup>	7012605	7012605-BLK1	01/17/07 16:39
Xylenes, total	<1.19		mg/m <sup>3</sup>	7012605	7012605-BLK1	01/17/07 16:39
>C4 - C10 Hydrocarbons	<12.0		mg/m <sup>3</sup>	7012605	7012605-BLK1	01/17/07 16:39

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn Paula Sime

Work Order: NQA1677  
Project Name: Exxon 7-0104  
Project Number: 2506-11X  
Received: 01/17/07 08:00

**PROJECT QUALITY CONTROL DATA**  
**LCS**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>BTEX in Air by GC/PID</b>								
<b>7012605-BS1</b>								
Methyl tert-Butyl Ether	18.0	16.8		mg/m3	93%	70 - 130	7012605	01/17/07 23:03
Benzene	16.0	14.7		mg/m3	92%	70 - 130	7012605	01/17/07 23:03
Toluene	19.0	17.1		mg/m3	90%	70 - 130	7012605	01/17/07 23:03
Ethylbenzene	22.0	19.1		mg/m3	87%	70 - 130	7012605	01/17/07 23:03
Xylenes, total	65.5	57.9		mg/m3	88%	70 - 130	7012605	01/17/07 23:03
>C4 - C10 Hydrocarbons	226	206		mg/m3	91%	70 - 130	7012605	01/17/07 23:03

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn Paula Sime

Work Order: NQA1677  
Project Name: Exxon 7-0104  
Project Number: 2506-11X  
Received: 01/17/07 08:00

## CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California
EPA 18M	Air			
NA	Air			

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn Paula Sime

Work Order: NQA1677  
Project Name: Exxon 7-0104  
Project Number: 2506-11X  
Received: 01/17/07 08:00

## NELAC CERTIFICATION SUMMARY

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

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
EPA 18M	Air	>C4 - C10 Hydrocarbons Benzene Ethylbenzene Methyl tert-Butyl Ether Toluene Xylenes, total

**Nashville Division****COOLER RECEIPT FORM**

BC#

NQA1677

**Cooler Received/Opened On:** January 17, 2007 @ 8:001. Indicate the Airbill Tracking Number (last 4 digits for FedEx only) and Name of Courier below: 2460

<input checked="" type="radio"/> Fed-Ex	<input type="radio"/> UPS	<input type="radio"/> Velocity	<input type="radio"/> DHL	<input type="radio"/> Route	<input type="radio"/> Off-street	<input type="radio"/> Misc.
---	---------------------------	--------------------------------	---------------------------	-----------------------------	----------------------------------	-----------------------------

2. Temperature of representative sample or temperature blank when opened: N/A Degrees Celsius  
(indicate IR Gun ID#)

NA	A00466	A00750	<input checked="" type="radio"/> A01124	100190	101282	Raymer ST
----	--------	--------	---	--------	--------	-----------

3. Were custody seals on outside of cooler?.....

a. If yes, how many and where: 1-SIDE

4. Were the seals intact, signed, and dated correctly?.....

5. Were custody papers inside cooler?.....

I certify that I opened the cooler and answered questions 1-5 (initial).....6. Were custody seals on containers: YES  NO and Intact

were these signed, and dated correctly?.....

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag	Paper	Other _____	<input checked="" type="radio"/> None
-------------	-------	-------------	---------------------------------------

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other  None

9. Did all containers arrive in good condition (unbroken)?.....

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?.....

I certify that I unloaded the cooler and answered questions 6-12 (initial).....

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used?.....

If preservation in-house was needed, record standard ID of preservative used here \_\_\_\_\_

14. Was residual chlorine present?.....

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial).....

15. Were custody papers properly filled out (ink, signed, etc)?.....

16. Did you sign the custody papers in the appropriate place?.....

17. Were correct containers used for the analysis requested?.....

18. Was sufficient amount of sample sent in each container?.....

I certify that I entered this project into LIMS and answered questions 15-18 (initial).....I certify that I attached a label with the unique LIMS number to each container (initial).....19. Were there Non-Conformance issues at login YES  NO Was a PIPE generated YES NO # \_\_\_\_\_BIS = Broken in shipment  
Cooler Receipt Form

# TestAmerica

INCORPORATED

**408-776-9600**

**Morgan Hill Division  
885 Jarvis Drive  
Morgan Hill, CA 9503**

**ExxonMobil**

## **CHAIN OF CUSTODY RECORD**

Page    of

**Consultant Name:** Environmental Resolutions, Inc.  
**Address:** 601 North McDowell  
**City/State/Zip:** Petaluma, CA 94954  
**Project Manager** Paula Sime  
**Telephone Number:** 707-766-2000  
**ERI Job Number:** 2506-11X (monthly)  
**Sampler Name: (Print)** Jon Hermann  
**Sampler Signature:** 

**ExxonMobil Engineer Jennifer Sedlachek**  
**Telephone Number: 510-545-**

**Telephone Number** 510-547-8196

**Account #: 10228**

PO #: 4507206240

Facility ID # 7-0104

### Global ID

**Site Address** 1725 Park Street

**City, State Zip** Alameda, California

**Relinquished by:**

J. Heinrich Date 1/13/04

Time 8:00

Received by:

1/15/07 Time 11:52

**Laboratory Comments:-**

**Temperature Upon Receipt:**

#### **Sample Containers Intact?**

## VOAs Free of Headspace?

11

extinguished by

Date 1/15/07

Time 1615

Received by TestAmerica

Time 100%

**Pedro Hufano**

---

**From:** Christina Woodcock  
**Sent:** Tuesday, January 16, 2007 8:16 AM  
**To:** Evangeline Blanco; Pedro Hufano  
**Cc:** Leah Klingensmith  
**Subject:** ERI 7-0104 1-12\_air  
**Attachments:** ERI 7-0104 1-12\_air.pdf

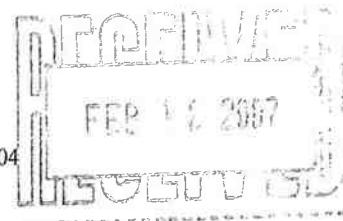
send to Nashville

Christina Woodcock  
Project Manager - Morgan Hill, CA Facility  
Direct line: 408.782.8154  
[cwoodcock@testamericainc.com](mailto:cwoodcock@testamericainc.com)

February 12, 2007 12:25:47PM

Client: ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn: Paula Sime

Work Order: NQB0631  
Project Name: Exxon 7-0104  
Project Nbr: 2506-11X  
P/O Nbr: 4507206240  
Date Received: 02/07/07

**SAMPLE IDENTIFICATION**

A-EFF  
A-INT2  
A-INT1  
A-INF

**LAB NUMBER**

NQB0631-01  
NQB0631-02  
NQB0631-03  
NQB0631-04

**COLLECTION DATE AND TIME**

02/02/07 12:00  
02/02/07 12:15  
02/02/07 12:30  
02/02/07 12:45

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.

The Chain(s) of Custody, 4 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 uncertainty 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	Work Order:	NQB0631
		Project Name:	Exxon 7-0104
		Project Number:	2506-11X
Attn	Paula Sime	Received:	02/07/07 07:45

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NQB0631-01 (A-EFF - Air) Sampled: 02/02/07 12:00</b>								
BTEX in Air by GC/PID								
Methyl tert-Butyl Ether	ND		mg/m <sup>3</sup>	0.500	1	02/07/07 23:02	EPA 18M	7021183
Benzene	ND		mg/m <sup>3</sup>	0.500	1	02/07/07 23:02	EPA 18M	7021183
Toluene	ND		mg/m <sup>3</sup>	0.500	1	02/07/07 23:02	EPA 18M	7021183
Ethylbenzene	ND		mg/m <sup>3</sup>	0.500	1	02/07/07 23:02	EPA 18M	7021183
Xylenes, total	ND		mg/m <sup>3</sup>	1.50	1	02/07/07 23:02	EPA 18M	7021183
>C4 - C10 Hydrocarbons	ND		mg/m <sup>3</sup>	50.0	1	02/07/07 23:02	EPA 18M	7021183
<b>Sample ID: NQB0631-02 (A-INT2 - Air) Sampled: 02/02/07 12:15</b>								
BTEX in Air by GC/PID								
Methyl tert-Butyl Ether	ND		mg/m <sup>3</sup>	0.500	1	02/07/07 23:31	EPA 18M	7021183
Benzene	ND		mg/m <sup>3</sup>	0.500	1	02/07/07 23:31	EPA 18M	7021183
Toluene	ND		mg/m <sup>3</sup>	0.500	1	02/07/07 23:31	EPA 18M	7021183
Ethylbenzene	ND		mg/m <sup>3</sup>	0.500	1	02/07/07 23:31	EPA 18M	7021183
Xylenes, total	ND		mg/m <sup>3</sup>	1.50	1	02/07/07 23:31	EPA 18M	7021183
>C4 - C10 Hydrocarbons	ND		mg/m <sup>3</sup>	50.0	1	02/07/07 23:31	EPA 18M	7021183
<b>Sample ID: NQB0631-03 (A-INT1 - Air) Sampled: 02/02/07 12:30</b>								
BTEX in Air by GC/PID								
Methyl tert-Butyl Ether	ND		mg/m <sup>3</sup>	0.500	1	02/08/07 00:30	EPA 18M	7021183
Benzene	ND		mg/m <sup>3</sup>	0.500	1	02/08/07 00:30	EPA 18M	7021183
Toluene	ND		mg/m <sup>3</sup>	0.500	1	02/08/07 00:30	EPA 18M	7021183
Ethylbenzene	ND		mg/m <sup>3</sup>	0.500	1	02/08/07 00:30	EPA 18M	7021183
Xylenes, total	ND		mg/m <sup>3</sup>	1.50	1	02/08/07 00:30	EPA 18M	7021183
>C4 - C10 Hydrocarbons	ND		mg/m <sup>3</sup>	50.0	1	02/08/07 00:30	EPA 18M	7021183
<b>Sample ID: NQB0631-04 (A-INF - Air) Sampled: 02/02/07 12:45</b>								
BTEX in Air by GC/PID								
Methyl tert-Butyl Ether	ND		mg/m <sup>3</sup>	0.500	1	02/08/07 00:59	EPA 18M	7021183
Benzene	ND		mg/m <sup>3</sup>	0.500	1	02/08/07 00:59	EPA 18M	7021183
Toluene	ND		mg/m <sup>3</sup>	0.500	1	02/08/07 00:59	EPA 18M	7021183
Ethylbenzene	ND		mg/m <sup>3</sup>	0.500	1	02/08/07 00:59	EPA 18M	7021183
Xylenes, total	ND		mg/m <sup>3</sup>	1.50	1	02/08/07 00:59	EPA 18M	7021183
>C4 - C10 Hydrocarbons	ND		mg/m <sup>3</sup>	50.0	1	02/08/07 00:59	EPA 18M	7021183

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn Paula Sime

Work Order: NQB0631  
Project Name: Exxon 7-0104  
Project Number: 2506-11X  
Received: 02/07/07 07:45

**PROJECT QUALITY CONTROL DATA**  
**Blank**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>BTEX in Air by GC/PID</b>						
<b>7021183-BLK1</b>						
Methyl tert-Butyl Ether	<0.230		mg/m <sup>3</sup>	7021183	7021183-BLK1	02/07/07 18:36
Benzene	<0.270		mg/m <sup>3</sup>	7021183	7021183-BLK1	02/07/07 18:36
Toluene	<0.390		mg/m <sup>3</sup>	7021183	7021183-BLK1	02/07/07 18:36
Ethylbenzene	<0.220		mg/m <sup>3</sup>	7021183	7021183-BLK1	02/07/07 18:36
Xylenes, total	<1.19		mg/m <sup>3</sup>	7021183	7021183-BLK1	02/07/07 18:36
>C4 - C10 Hydrocarbons	<12.0		mg/m <sup>3</sup>	7021183	7021183-BLK1	02/07/07 18:36

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn Paula Sime

Work Order: NQB0631  
Project Name: Exxon 7-0104  
Project Number: 2506-11X  
Received: 02/07/07 07:45

**PROJECT QUALITY CONTROL DATA**  
**Duplicate**

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>BTEX in Air by GC/PID</b>									
<b>7021183-DUP1</b>									
Methyl tert-Butyl Ether	ND	ND		mg/m <sup>3</sup>	29	7021183	NQB0626-01	02/08/07 19:29	
Benzene	ND	ND		mg/m <sup>3</sup>	16	7021183	NQB0626-01	02/08/07 19:29	
Toluene	ND	ND		mg/m <sup>3</sup>	29	7021183	NQB0626-01	02/08/07 19:29	
Ethylbenzene	ND	ND		mg/m <sup>3</sup>	29	7021183	NQB0626-01	02/08/07 19:29	
Xylenes, total	ND	ND		mg/m <sup>3</sup>	40	7021183	NQB0626-01	02/08/07 19:29	
>C4 - C10 Hydrocarbons	ND	ND		mg/m <sup>3</sup>	26	7021183	NQB0626-01	02/08/07 19:29	

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn Paula Sime

Work Order: NQB0631  
Project Name: Exxon 7-0104  
Project Number: 2506-11X  
Received: 02/07/07 07:45

**PROJECT QUALITY CONTROL DATA**  
**LCS**

Analyst	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>BTEX in Air by GC/PID</b>								
<b>7021183-BS1</b>								
Methyl tert-Butyl Ether	18.0	17.9		mg/m3	99%	70 - 130	7021183	02/08/07 01:29
Benzene	16.0	16.0		mg/m3	100%	70 - 130	7021183	02/08/07 01:29
Toluene	19.0	19.0		mg/m3	100%	70 - 130	7021183	02/08/07 01:29
Ethylbenzene	22.0	20.9		mg/m3	95%	70 - 130	7021183	02/08/07 01:29
Xylenes, total	65.5	64.7		mg/m3	99%	70 - 130	7021183	02/08/07 01:29
>C4 - C10 Hydrocarbons	226	223		mg/m3	99%	70 - 130	7021183	02/08/07 01:29

Client ERJ Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn Paula Sime

Work Order: NQB0631  
Project Name: Exxon 7-0104  
Project Number: 2506-11X  
Received: 02/07/07 07:45

## CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California
EPA 18M	Air			
NA	Air			

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn Paula Sime

Work Order: NQB0631  
Project Name: Exxon 7-0104  
Project Number: 2506-11X  
Received: 02/07/07 07:45

## NELAC CERTIFICATION SUMMARY

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

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
EPA 18M	Air	>C4 - C10 Hydrocarbons Benzene Ethylbenzene Methyl tert-Butyl Ether Toluene Xylenes, total

**Nashville Division**  
**COOLER RECEIPT FORM**



BC#

NQB0631

Cooler Received/Opened On 02/07/07 0745

1. Indicate the Airbill Tracking Number (last 4 digits for FedEx only) and Name of Courier below: 7700

<b>Fed-Ex</b>	UPS	Velocity	DHL	Route	Off-street	Misc.
---------------	-----	----------	-----	-------	------------	-------

2. Temperature of representative sample or temperature blank when opened: NA Degrees Celsius  
(indicate IR Gun ID#)

NA	A00466	A00750	A01124	101282	Raynger ST	<b>90943149</b>
----	--------	--------	--------	--------	------------	-----------------

3. Were custody seals on outside of cooler? ..... YES...NO...NA 0

a. If yes, how many and where: Front

4. Were the seals intact, signed, and dated correctly? ..... YES...NO...NA 0

5. Were custody papers inside cooler? ..... YES...NO...NA 0

I certify that I opened the cooler and answered questions 1-5 (initial)..... 0

6. Were custody seals on containers:	YES	NO	and Intact	YES NO <u>NA</u>
--------------------------------------	-----	----	------------	------------------

were these signed, and dated correctly? ..... YES...NO...NA 0

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag	Paper	Other _____	<u>None</u>
-------------	-------	-------------	-------------

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition ( unbroken)? ..... YES...NO...NA 0

10. Were all container labels complete (#, date, signed, pres., etc)? ..... YES...NO...NA 0

11. Did all container labels and tags agree with custody papers? ..... YES...NO...NA 0

12. a. Were VOA vials received? ..... YES NO NA

b. Was there any observable head space present in any VOA vial? ..... YES...NO...NA 0

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... 0

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA 0

b. Did the bottle labels indicate that the correct preservatives were used? ..... YES...NO...NA 0

If preservation in-house was needed, record standard ID of preservative used here \_\_\_\_\_

14. Was residual chlorine present? ..... YES...NO...NA 0

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... 0

15. Were custody papers properly filled out (ink, signed, etc)? ..... YES...NO...NA 0

16. Did you sign the custody papers in the appropriate place? ..... YES...NO...NA 0

17. Were correct containers used for the analysis requested? ..... YES...NO...NA 0

18. Was sufficient amount of sample sent in each container? ..... YES...NO...NA 0

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... 0

I certify that I attached a label with the unique LIMS number to each container (initial)..... 0

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # \_\_\_\_\_

BIS = Broken in shipment  
Cooler Receipt Form



408-776-9600

Morgan Hill Division

885 Jarvis Drive

Morgan Hill, CA 95037

ExxonMobil

## **CHAIN OF CUSTODY RECORD**

Page \_\_\_\_\_ of \_\_\_\_\_

**Consultant Name:** Environmental Resolutions, Inc.

**Address:** 601 North McDowell

**City/State/Zip:** Petaluma, CA 94954

**Project Manager Paula Sime**

**Telephone Number:** 707-766-2000

Sampler Name: (Print) John H. Lehman

**Sampler Signature:** Jon Hermann

**ExxonMobil Engineer Jennifer Sedlachek**

**Telephone Number** 510-547-8196

Account #: 10228

PO #: 4507206240

**Facility ID # 7-0104**

**Global ID#**

**Site Address** 1725 Park Street

**City, State Zip** Alameda, California

# TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: Exxon  
 REC. BY (PRINT) A.M.  
 WORKORDER: \_\_\_\_\_

DATE REC'D AT LAB: 2-5-07  
 TIME REC'D AT LAB: 1735  
 DATE LOGGED IN: \_\_\_\_\_

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESER- VATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) <u>Present / Absent</u> <u>Intact / Broken*</u>								
2. Chain-of-Custody <u>Present / Absent*</u>								
3. Traffic Reports or Packing List: <u>Present / Absent</u>								
4. Airbill: <u>Airbill / Sticker</u> <u>Present / Absent</u>								
5. Airbill #: _____								
6. Sample Labels: <u>Present / Absent</u>								
7. Sample IDs: <u>Listed / Not Listed</u> on Chain-of-Custody								
8. Sample Condition: <u>Intact / Broken* /</u> <u>Leaking*</u>								
9. Does information on chain-of-custody, traffic reports and sample labels agree? <u>Yes / No*</u>								
10. Sample received within hold time? <u>Yes / No*</u>								
11. Adequate sample volume received? <u>Yes / No*</u>								
12. Proper preservatives used? <u>Yes / No*</u>								
13. Trip Blank / Temp Blank Received? (circle which, if yes) <u>Yes / No*</u>								
14. Read Temp: _____ Corrected Temp: _____ Is corrected temp $4 \pm 2^\circ\text{C}$ ? <u>Yes / No*</u> (Acceptance range for samples requiring thermal pres.)								
**Exception (if any): METALS / DFF ON ICE or Problem COC <u>Air bag</u>								

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

**Pedro Hufano**

---

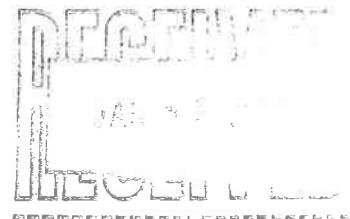
**From:** Christina Woodcock  
**Sent:** Tuesday, February 06, 2007 9:09 AM  
**To:** Evangeline Blanco; Pedro Hufano  
**Cc:** Leah Klingensmith  
**Subject:** ERI 7-0104 2-2\_air  
**Attachments:** ERI 7-0104 2-2\_air.pdf

send to Nashville

Christina Woodcock  
Project Manager - Morgan Hill, CA Facility  
Direct line: 408.782.8154  
[cwoodcock@testamericaninc.com](mailto:cwoodcock@testamericaninc.com)

29 January, 2007

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



RE: Exxon 7-0104  
Work Order: MQA0511

Enclosed are the results of analyses for samples received by the laboratory on 01/15/07 16:45. The samples arrived at a temperature of 3° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Christina Woodcock".

Christina Woodcock  
Project Manager

CA ELAP Certificate #1210

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQA0511  
Reported:  
01/29/07 13:08

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W-PSP-1	MQA0511-01	Water	01/12/07 09:00	01/15/07 16:45
W-INT2	MQA0511-02	Water	01/12/07 09:30	01/15/07 16:45
W-INT1	MQA0511-03	Water	01/12/07 10:00	01/15/07 16:45
W-INF	MQA0511-04	Water	01/12/07 10:30	01/15/07 16:45

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQA0511  
Reported:  
01/29/07 13:08

W-PSP-1 (MQA0511-01) Water Sampled: 01/12/07 09:00 Received: 01/15/07 16:45

**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	7A18021	01/18/07	01/18/07	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	"
Toluene	ND	0.50	"	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"	"
Xylenes (total)	ND	0.50	"	"	"	"	"	"	"
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	"
<i>Surrogate: a,a,a-Trifluorotoluene</i>		107 %	85-120		"	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %	75-125		"	"	"	"	"

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQA0511  
Reported:  
01/29/07 13:08

W-INT2 (MQA0511-02) Water Sampled: 01/12/07 09:30 Received: 01/15/07 16:45

**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	7A18021	01/18/07	01/19/07	EPA 8015B/8021B	"
Benzene	ND	0.50	"	"	"	"	"	"	"
Toluene	ND	0.50	"	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"	"
Xylenes (total)	ND	0.50	"	"	"	"	"	"	"
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	"
<i>Surrogate: a,a,a-Trifluorotoluene</i>		105 %		85-120		"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		103 %		75-125		"	"	"	"

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQA0511  
Reported:  
01/29/07 13:08

W-INT1 (MQA0511-03) Water Sampled: 01/12/07 10:00 Received: 01/15/07 16:45

**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B**

**TestAmerica - Morgan Hill, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Gasoline Range Organics (C4-C12)</b>	<b>580</b>	500	ug/l	10	7A24026	01/24/07	01/24/07	EPA 8015B/8021B	QP
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>590</b>	25	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		99 %		85-120		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		109 %		75-125		"	"	"	

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQA0511  
Reported:  
01/29/07 13:08

W-INF (MQA0511-04) Water Sampled: 01/12/07 10:30 Received: 01/15/07 16:45

**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B**

**TestAmerica - Morgan Hill, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Gasoline Range Organics (C4-C12)</b>	<b>1600</b>	1200	ug/l	25	7A24026	01/24/07	01/24/07	EPA 8015B/8021B	QP
Benzene	ND	12	"	"	"	"	"	"	"
Toluene	ND	12	"	"	"	"	"	"	"
Ethylbenzene	ND	12	"	"	"	"	"	"	"
Xylenes (total)	ND	12	"	"	"	"	"	"	"
<b>Methyl tert-butyl ether</b>	<b>1700</b>	62	"	"	"	"	"	"	"
<i>Surrogate: a,a,a-Trifluorotoluene</i>		100 %	85-120		"	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		101 %	75-125		"	"	"	"	"

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQA0511  
Reported:  
01/29/07 13:08

**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
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**Batch 7A18021 - EPA 5030B [P/T]**

**Blank (7A18021-BLK1)** Prepared & Analyzed: 01/18/07

Gasoline Range Organics (C4-C12)	ND	25	ug/l							
Benzene	ND	0.25	"							
Toluene	ND	0.29	"							
Ethylbenzene	ND	0.34	"							
Xylenes (total)	ND	0.35	"							
Methyl tert-butyl ether	ND	1.25	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	87.1		"	80.0		109	85-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	82.5		"	80.0		103	75-125			

**LCS (7A18021-BS1)** Prepared & Analyzed: 01/18/07

Gasoline Range Organics (C4-C12)	208	50	ug/l	275		76	60-115			
Benzene	4.04	0.50	"	4.85		83	45-150			
Toluene	20.3	0.50	"	23.5		86	70-115			
Ethylbenzene	3.79	0.50	"	4.70		81	65-115			
Xylenes (total)	22.0	0.50	"	26.5		83	70-115			
Methyl tert-butyl ether	4.97	2.5	"	6.50		76	45-150			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	73.1		"	80.0		91	85-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	83.1		"	80.0		104	75-125			

**Matrix Spike (7A18021-MS1)** Source: MQA0469-01 Prepared & Analyzed: 01/18/07

Gasoline Range Organics (C4-C12)	323	50	ug/l	275	95	83	60-115			
Benzene	11.6	0.50	"	4.85	7.6	82	45-150			
Toluene	22.3	0.50	"	23.5	ND	95	70-115			
Ethylbenzene	4.41	0.50	"	4.70	ND	94	65-115			
Xylenes (total)	22.7	0.50	"	26.5	ND	86	70-115			
Methyl tert-butyl ether	11.2	2.5	"	6.50	7.0	65	45-150			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	73.3		"	80.0		92	85-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	85.0		"	80.0		106	75-125			

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

Project: Exxon 7-0104  
 Project Number: 7-0104  
 Project Manager: Paula Sime

MQA0511  
 Reported:  
 01/29/07 13:08

**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
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**Batch 7A18021 - EPA 5030B [P/T]**

Matrix Spike Dup (7A18021-MSD1)	Source: MQA0469-01			Prepared & Analyzed: 01/18/07					
Gasoline Range Organics (C4-C12)	310	50	ug/l	275	95	78	60-115	4	20
Benzene	11.7	0.50	"	4.85	7.6	85	45-150	0.9	25
Toluene	23.5	0.50	"	23.5	ND	100	70-115	5	20
Ethylbenzene	4.65	0.50	"	4.70	ND	99	65-115	5	25
Xylenes (total)	24.1	0.50	"	26.5	ND	91	70-115	6	25
Methyl tert-butyl ether	11.4	2.5	"	6.50	7.0	68	45-150	2	30
<i>Surrogate: a,a,a-Trifluorotoluene</i>	80.3		"	80.0		100	85-120		
<i>Surrogate: 4-Bromofluorobenzene</i>	85.2		"	80.0		106	75-125		

**Batch 7A24026 - EPA 5030B [P/T]**

Blank (7A24026-BLK1)	Prepared & Analyzed: 01/24/07					
Gasoline Range Organics (C4-C12)	ND	25	ug/l			
Benzene	ND	0.25	"			
Toluene	ND	0.29	"			
Ethylbenzene	ND	0.34	"			
Xylenes (total)	ND	0.35	"			
Methyl tert-butyl ether	ND	1.25	"			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	80.3		"	80.0		100
<i>Surrogate: 4-Bromofluorobenzene</i>	75.9		"	80.0		95
						85-120
						75-125

**LCS (7A24026-BS1)**

LCS (7A24026-BS1)	Prepared & Analyzed: 01/24/07					
Gasoline Range Organics (C4-C12)	223	50	ug/l	275	81	60-115
Benzene	4.62	0.50	"	4.85	95	45-150
Toluene	21.9	0.50	"	23.5	93	70-115
Ethylbenzene	4.12	0.50	"	4.70	88	65-115
Xylenes (total)	23.9	0.50	"	26.5	90	70-115
Methyl tert-butyl ether	4.73	2.5	"	6.50	73	45-150
<i>Surrogate: a,a,a-Trifluorotoluene</i>	76.3		"	80.0		95
<i>Surrogate: 4-Bromofluorobenzene</i>	78.8		"	80.0		98
						85-120
						75-125

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

Project: Exxon 7-0104  
 Project Number: 7-0104  
 Project Manager: Paula Sime

MQA0511  
**Reported:**  
 01/29/07 13:08

**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
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**Batch 7A24026 - EPA 5030B [P/T]**

Matrix Spike (7A24026-MS1)	Source: MQA0761-01			Prepared & Analyzed: 01/24/07						
Gasoline Range Organics (C4-C12)	266	50	ug/l	275	46	80	60-115			
Benzene	4.54	0.50	"	4.85	ND	94	45-150			
Toluene	23.5	0.50	"	23.5	ND	100	70-115			
Ethylbenzene	4.69	0.50	"	4.70	ND	100	65-115			
Xylenes (total)	26.4	0.50	"	26.5	ND	100	70-115			
Methyl tert-butyl ether	5.44	2.5	"	6.50	0.36	78	45-150			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	78.4		"	80.0		98	85-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	85.7		"	80.0		107	75-125			
Matrix Spike Dup (7A24026-MSD1)	Source: MQA0761-01			Prepared & Analyzed: 01/24/07						
Gasoline Range Organics (C4-C12)	268	50	ug/l	275	46	81	60-115	0.7	20	
Benzene	4.00	0.50	"	4.85	ND	82	45-150	13	25	
Toluene	21.0	0.50	"	23.5	ND	89	70-115	11	20	
Ethylbenzene	4.15	0.50	"	4.70	ND	88	65-115	12	25	
Xylenes (total)	23.6	0.50	"	26.5	ND	89	70-115	11	25	
Methyl tert-butyl ether	4.81	2.5	"	6.50	0.36	68	45-150	12	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	69.4		"	80.0		87	85-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	85.7		"	80.0		107	75-125			

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQA0511  
Reported:  
01/29/07 13:08

## Notes and Definitions

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

**CHAIN OF CUSTODY RECORD**

Page \_\_\_\_\_ of \_\_\_\_\_



408-776-9600

Morgan Hill Division

885 Jarvis Drive

Morgan Hill, CA 95037



ExxonMobil Engineer Jennifer Sedlachek  
Telephone Number 510-547-8196  
Account #: 10228  
PO #: 4507206240  
Facility ID # 7-0104  
Global ID#  
Site Address 1725 Park Street  
City, State Zip Alameda, California

# TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: ERI  
 REC. BY (PRINT) EH  
 WORKORDER: MQA 0511

DATE REC'D AT LAB: 1/15/07  
 TIME REC'D AT LAB: 1645  
 DATE LOGGED IN: 1/16/07

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

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent Intact / Broken*								
2. Chain-of-Custody	Present / Absent*		SCE	C-O-C					
3. Traffic Reports or Packing List:	Present / Absent								
4. Airbill:	Airbill / Sticker Present / Absent								
5. Airbill #:									
6. Sample Labels:	Present / Absent								
7. Sample IDs:	Listed / Not Listed on Chain-of-Custody								
8. Sample Condition:	Intact / Broken* Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree?	Yes / No*								
10. Sample received within hold time?	Yes / No*								
11. Adequate sample volume received?	Yes / No*								
12. Proper preservatives used?	Yes / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes)	Yes / No*								
14. Read Temp: Corrected Temp: Is corrected temp 4 +/- 2°C? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No** (Acceptance range for samples requiring thermal pres.)	<u>5.4C</u> <u>7.1</u> <u>Yes</u>								
**Exception (if any): METALS / DFF ON ICE or Problem COC									

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

20 February, 2007



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

RE: Exxon 7-0104  
Work Order: MQB0146

Enclosed are the results of analyses for samples received by the laboratory on 02/05/07 17:35. The samples arrived at a temperature of 4° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Christina M. Woodcock".

Christina Woodcock  
Project Manager

CA ELAP Certificate #1210

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQB0146  
Reported:  
02/20/07 12:36

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W-PSP-1	MQB0146-01	Water	02/02/07 13:00	02/05/07 17:35
W-INT 2	MQB0146-02	Water	02/02/07 13:30	02/05/07 17:35
W-INT 1	MQB0146-03	Water	02/02/07 14:00	02/05/07 17:35
W-INF	MQB0146-04	Water	02/02/07 14:30	02/05/07 17:35

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQB0146  
Reported:  
02/20/07 12:36

W-PSP-1 (MQB0146-01) Water Sampled: 02/02/07 13:00 Received: 02/05/07 17:35

**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B**

**TestAmerica - Morgan Hill, CA**

Analyst	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7B12007	02/12/07	02/12/07	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	"
Toluene	ND	0.50	"	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"	"
Xylenes (total)	ND	0.50	"	"	"	"	"	"	"
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	"
<i>Surrogate: a,a,a-Trifluorotoluene</i>		106 %	85-120		"	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		86 %	75-125		"	"	"	"	"

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

Project: Exxon 7-0104  
 Project Number: 7-0104  
 Project Manager: Paula Sime

MQB0146  
**Reported:**  
 02/20/07 12:36

W-INT 2 (MQB0146-02) Water Sampled: 02/02/07 13:30 Received: 02/05/07 17:35

### 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	7B12007	02/12/07	02/12/07	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	"
Toluene	ND	0.50	"	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"	"
Xylenes (total)	ND	0.50	"	"	"	"	"	"	"
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	"
<i>Surrogate: a,a,a-Trifluorotoluene</i>		111 %		85-120		"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		85 %		75-125		"	"	"	"

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQB0146  
Reported:  
02/20/07 12:36

W-INT 1 (MQB0146-03) Water Sampled: 02/02/07 14:00 Received: 02/05/07 17:35

**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B**

**TestAmerica - Morgan Hill, CA**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Gasoline Range Organics (C4-C12)	1100	1000	ug/l	20	7B14029	02/14/07	02/14/07	EPA 8015B/8021B	QP
Benzene	ND	10	"	"	"	"	"	"	"
Toluene	ND	10	"	"	"	"	"	"	"
Ethylbenzene	ND	10	"	"	"	"	"	"	"
Xylenes (total)	ND	10	"	"	"	"	"	"	"
<b>Methyl tert-butyl ether</b>	<b>1400</b>	50	"	"	"	"	"	"	"
<i>Surrogate: a,a,a-Trifluorotoluene</i>		108 %	85-120		"	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		84 %	75-125		"	"	"	"	"

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQB0146  
Reported:  
02/20/07 12:36

W-INF (MQB0146-04) Water Sampled: 02/02/07 14:30 Received: 02/05/07 17:35

**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B**

**TestAmerica - Morgan Hill, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Gasoline Range Organics (C4-C12)</b>	<b>1400</b>	1200	ug/l	25	7B14029	02/14/07	02/14/07	EPA 8015B/8021B	QP
Benzene	ND	12	"	"	"	"	"	"	"
Toluene	ND	12	"	"	"	"	"	"	"
Ethylbenzene	ND	12	"	"	"	"	"	"	"
Xylenes (total)	ND	12	"	"	"	"	"	"	"
<b>Methyl tert-butyl ether</b>	<b>2100</b>	62	"	"	"	"	"	"	"
<i>Surrogate: a,a,a-Trifluorotoluene</i>		106 %	85-120		"	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		84 %	75-125		"	"	"	"	"

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

Project: Exxon 7-0104  
Project Number: 7-0104  
Project Manager: Paula Sime

MQB0146  
Reported:  
02/20/07 12:36

**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
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**Batch 7B12007 - EPA 5030B [P/T]**

**Blank (7B12007-BLK1)**

Prepared & Analyzed: 02/12/07

Gasoline Range Organics (C4-C12)	ND	25	ug/l						
Benzene	ND	0.25	"						
Toluene	ND	0.29	"						
Ethylbenzene	ND	0.34	"						
Xylenes (total)	ND	0.35	"						
Methyl tert-butyl ether	ND	1.25	"						
<i>Surrogate: a,a,a-Trifluorotoluene</i>	43.7		"	40.0		109	85-120		
<i>Surrogate: 4-Bromofluorobenzene</i>	34.4		"	40.0		86	75-125		

**LCS (7B12007-BS1)**

Prepared & Analyzed: 02/12/07

Gasoline Range Organics (C4-C12)	193	50	ug/l	275		70	60-115		
Benzene	3.72	0.50	"	4.85		77	45-150		
Toluene	23.3	0.50	"	23.5		99	70-115		
Ethylbenzene	4.72	0.50	"	4.70		100	65-115		
Xylenes (total)	26.8	0.50	"	26.5		101	70-115		
Methyl tert-butyl ether	6.13	2.5	"	6.50		94	45-150		
<i>Surrogate: a,a,a-Trifluorotoluene</i>	43.9		"	40.0		110	85-120		
<i>Surrogate: 4-Bromofluorobenzene</i>	36.5		"	40.0		91	75-125		

**Matrix Spike (7B12007-MS1)**

Source: MQB0145-01 Prepared & Analyzed: 02/12/07

Gasoline Range Organics (C4-C12)	173	50	ug/l	275	ND	63	60-115		
Benzene	3.50	0.50	"	4.85	ND	72	45-150		
Toluene	22.6	0.50	"	23.5	ND	96	70-115		
Ethylbenzene	4.49	0.50	"	4.70	ND	96	65-115		
Xylenes (total)	25.9	0.50	"	26.5	ND	98	70-115		
Methyl tert-butyl ether	5.37	2.5	"	6.50	ND	83	45-150		
<i>Surrogate: a,a,a-Trifluorotoluene</i>	43.4		"	40.0		108	85-120		
<i>Surrogate: 4-Bromofluorobenzene</i>	36.3		"	40.0		91	75-125		

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

Project: Exxon 7-0104  
 Project Number: 7-0104  
 Project Manager: Paula Sime

MQB0146  
 Reported:  
 02/20/07 12:36

**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
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**Batch 7B12007 - EPA 5030B [P/T]**

Matrix Spike Dup (7B12007-MSD1)	Source: MQB0145-01			Prepared & Analyzed: 02/12/07						
Gasoline Range Organics (C4-C12)	167	50	ug/l	275	ND	61	60-115	4	20	
Benzene	3.86	0.50	"	4.85	ND	80	45-150	10	25	
Toluene	21.6	0.50	"	23.5	ND	92	70-115	5	20	
Ethylbenzene	4.28	0.50	"	4.70	ND	91	65-115	5	25	
Xylenes (total)	24.8	0.50	"	26.5	ND	94	70-115	4	25	
Methyl tert-butyl ether	5.63	2.5	"	6.50	ND	87	45-150	5	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	42.6		"	40.0		106	85-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	36.1		"	40.0		90	75-125			

**Batch 7B14029 - EPA 5030B [P/T]**

Blank (7B14029-BLK1)	Prepared & Analyzed: 02/14/07					
Gasoline Range Organics (C4-C12)	ND	25	ug/l			
Benzene	ND	0.25	"			
Toluene	ND	0.29	"			
Ethylbenzene	ND	0.34	"			
Xylenes (total)	ND	0.35	"			
Methyl tert-butyl ether	ND	1.25	"			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	43.2		"	40.0	108	85-120
<i>Surrogate: 4-Bromofluorobenzene</i>	33.7		"	40.0	84	75-125

**LCS (7B14029-BS1)**

Prepared & Analyzed: 02/14/07

Gasoline Range Organics (C4-C12)	204	50	ug/l	275	74	60-115
Benzene	4.02	0.50	"	4.85	83	45-150
Toluene	24.4	0.50	"	23.5	104	70-115
Ethylbenzene	4.85	0.50	"	4.70	103	65-115
Xylenes (total)	27.7	0.50	"	26.5	105	70-115
Methyl tert-butyl ether	6.98	2.5	"	6.50	107	45-150
<i>Surrogate: a,a,a-Trifluorotoluene</i>	46.1		"	40.0	115	85-120
<i>Surrogate: 4-Bromofluorobenzene</i>	35.5		"	40.0	89	75-125

Environmental Resolutions (Exxon)  
601 North McDowell Blvd.  
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Project: Exxon 7-0104  
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Project Manager: Paula Sime

MQB0146  
Reported:  
02/20/07 12:36

**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
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**Batch 7B14029 - EPA 5030B [P/T]**

<b>Matrix Spike (7B14029-MS1)</b>		<b>Source: MQB0315-01</b>		<b>Prepared &amp; Analyzed: 02/14/07</b>						
Gasoline Range Organics (C4-C12)	192	50	ug/l	275	12	65	60-115			
Benzene	3.65	0.50	"	4.85	ND	75	45-150			
Toluene	22.3	0.50	"	23.5	ND	95	70-115			
Ethylbenzene	4.42	0.50	"	4.70	ND	94	65-115			
Xylenes (total)	25.1	0.50	"	26.5	ND	95	70-115			
Methyl tert-butyl ether	6.29	2.5	"	6.50	ND	97	45-150			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	44.7		"	40.0		112	85-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	35.3		"	40.0		88	75-125			
<b>Matrix Spike Dup (7B14029-MSD1)</b>		<b>Source: MQB0315-01</b>		<b>Prepared &amp; Analyzed: 02/14/07</b>						
Gasoline Range Organics (C4-C12)	184	50	ug/l	275	12	63	60-115	4	20	
Benzene	3.47	0.50	"	4.85	ND	72	45-150	5	25	
Toluene	21.3	0.50	"	23.5	ND	91	70-115	5	20	
Ethylbenzene	4.17	0.50	"	4.70	ND	89	65-115	6	25	
Xylenes (total)	24.2	0.50	"	26.5	ND	91	70-115	4	25	
Methyl tert-butyl ether	6.03	2.5	"	6.50	ND	93	45-150	4	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	44.6		"	40.0		112	85-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	35.2		"	40.0		88	75-125			

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

Project: Exxon 7-0104  
Project Number: 7-0104  
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MQB0146  
Reported:  
02/20/07 12:36

## Notes and Definitions

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

**CHAIN OF CUSTODY RECORD**

Page \_\_\_\_\_ of \_\_\_\_\_

MH

# TestAmerica

INCORPORATED

408-776-9600

Morgan Hill Division

885 Jarvis Drive

Morgan Hill, CA 95037

**ExxonMobil**

**Consultant Name:** Environmental Resolutions, Inc.

**Address:** 610 North McDowell

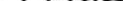
**City/State/Zip:** Petaluma, CA 94954

Project Manager Paula Sime

Telephone Number: 707-766-2000

ERI Job Number: 2506 11X (December)

Sampler Name: (Print) Herman

Sampler Signature: 

**ExxonMobil Engineer Jennifer Sedlachek**

**Telephone Number** 510-547-8196

Account #: 10228

PO #: 4507206240

**Facility ID # 7-0104**

**Global ID#**

**Site Address** 1725 Park Street

**City, State Zip** Alameda, California

# TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME:  
REC. BY (PRINT)  
WORKORDER:

*ERI*  
*Andy Medeiros*  
*HQB 6144*

DATE REC'D AT LAB:  
TIME REC'D AT LAB:  
DATE LOGGED IN:

*2-5-07*

*1735*

*2-5-07*

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

## CIRCLE THE APPROPRIATE RESPONSE

		LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	<input checked="" type="radio"/> Present <input type="radio"/> Absent <input type="radio"/> Intact / Broken*								
2. Chain-of-Custody	<input checked="" type="radio"/> Present <input type="radio"/> Absent*								
3. Traffic Reports or Packing List:	<input checked="" type="radio"/> Present <input type="radio"/> Absent								
4. Airbill:	Airbill / Sticker <input type="radio"/> Present <input checked="" type="radio"/> Absent								
5. Airbill #:									
6. Sample Labels:	<input checked="" type="radio"/> Present <input type="radio"/> Absent								
7. Sample IDs:	<input checked="" type="radio"/> Listed <input type="radio"/> Not Listed on Chain-of-Custody								
8. Sample Condition:	<input checked="" type="radio"/> Intact / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree?	<input checked="" type="radio"/> Yes <input type="radio"/> No*								
10. Sample received within hold time?	<input checked="" type="radio"/> Yes <input type="radio"/> No*								
11. Adequate sample volume received?	<input checked="" type="radio"/> Yes <input type="radio"/> No*								
12. Proper preservatives used?	<input checked="" type="radio"/> Yes <input type="radio"/> No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes)	<input type="radio"/> Yes / <input checked="" type="radio"/> No*								
14. Read Temp:	<i>4°C</i>								
Corrected Temp:	<i>4°C</i>								
Is corrected temp 4 +/-2°C? (Acceptance range for samples requiring thermal pres.)	<input checked="" type="radio"/> Yes / <input type="radio"/> No**								
Exception (if any): METALS / DFF ON ICE Problem COC									

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