

ExxonMobil Environmental Services Company
US Retail Projects – Western Area
4096 Piedmont Avenue #194
Oakland, California 94611
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jennifer.c.sedlachek@exxonmobil.com

Jennifer C. Sedlachek
Project Manager



March 14, 2008

RECEIVED

1:47 pm, Mar 19, 2008

Alameda County
Environmental Health

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, Fourth Quarter 2007***, dated March 14, 2008, 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,

For
Jennifer C. Sedlachek
Project Manager

Attachment: ERI's Groundwater Monitoring and Remediation Status Report, Fourth Quarter 2007, dated
March 14, 2008

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

March 14, 2008
ERI 250611.Q074

Ms. Jennifer C. Sedlachek
ExxonMobil Environmental Services Company
US Retail Products – Western Area
4096 Piedmont Avenue
Oakland, California 94611

SUBJECT Groundwater Monitoring and Remediation Status Report, Fourth Quarter 2007
Former Exxon Service Station 70104
1725 Park Street, Alameda, California

INTRODUCTION

At the request of Exxon Mobil Corporation (Exxon Mobil), Environmental Resolutions, Inc. (ERI) performed fourth quarter 2007 groundwater monitoring and sampling and remedial activities at the subject site. This report covers activities from September 14, 2007, through December 7, 2007. Relevant tables, plates, and attachments are included at the end of this report. Currently, the site operates as a Valero-branded service station.

GROUNDWATER MONITORING AND SAMPLING SUMMARY

Gauging and sampling date:	11/29/07
Wells gauged and sampled:	MW1 through MW9, MW11
Wells gauged only:	EW1, EW3, EW5
Remediation system status on sampling date:	GET system active; SVE system active, AS system inactive
Presence of NAPL:	Not observed
Concurrently sampled:	Shell-branded service station (former XTRA Oil Company), 1701 Park Street, Alameda, California
Data provided by:	P&D Environmental, Inc., Oakland, California
Laboratory:	TestAmerica Analytical Testing Corporation Morgan Hill, California
Analyses performed:	EPA Method 8015B TPHd, TPHg EPA Method 8021B BTEX EPA Method 8260B MTBE, ETBE, TAME, TBA, EDB, 1,2-DCA, DIPE EPA Method 8260B Ethanol (select samples)
Waste disposal:	177 gallons purge and decon water transferred to the GET system on 11/29/07

Environmental Resolutions, Inc.

601 North McDowell Blvd., Petaluma, CA 94954-2312 | Tel: 707.766.2000 | Fax: 707.789.0414 | Contractor # A/C10-611383

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.

System start-up dates: AS/SVE System 02/16/98
GET System 10/10/94

System discharge permits: AS/SVE System BAAQMD Plant No. 8252
GET System EBMUD Permit No. 50266631

System reporting periods: AS/SVE System 09/14/07 – 12/07/07
GET System 09/14/07 – 12/07/07

System modifications during reporting period: None

System status during reporting period: SVE System Active
GET System Active
AS System Inactive

Laboratory: Calscience Environmental Laboratories, Inc.
Garden Grove, California

Effluent analyses performed: AS/SVE System
EPA TO-3(M) TPHg
EPA TO-15M MTBE, BTEX

GET System
EPA Method 8015B TPHg
EPA Method 8021B MTBE, BTEX

System Performance:AS/SVE System

Period	Mass of TPHg Removed (Pounds)	Mass of Benzene Removed (Pounds)	Mass of MTBE Removed (Pounds)
09/14/07 – 12/07/07	<11.6	<0.006	0.35
To date:	<1,634.1	<26.83	<13.37

GET System

Period	Volume of Groundwater Treated (gallons)	Mass of TPHg Removed (pounds)	Mass of Benzene Removed (pounds)	Mass of MTBE Removed (pounds)
09/14/07 – 12/07/07	120,210	0.7	<0.003	1.406
To date:	3,605,900	<66.0	<5.158	40.621

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

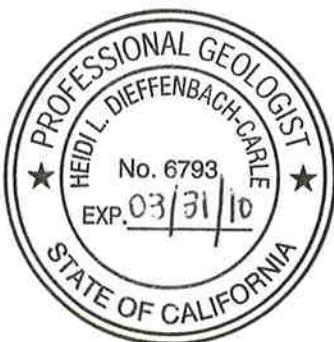
Mr. Stephen Hill
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

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.

Jennifer Lacy

Jennifer L. Lacy
Senior Staff Scientist

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, 1701 Park Street
(P&D Environmental, November 29, 2007)
 - Attachment C: Laboratory Analytical Reports and Chain-of-Custody Records

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California
(Page 1 of 20)

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	---	820	---	<2.5	110	2.8	170	14
MW1	04/14/98	17.35	4.69	12.66	---	---	---	---	---	---	---	---	---
MW1	07/30/98	17.35	6.19	11.16	NLPH	---	2,700	41	---	210	<5.0	550	<5.0
MW1	10/19/98	17.35	6.72	10.63	NLPH	---	---	---	---	---	---	---	---
MW1	01/13/99	17.35	6.52	10.83	NLPH	---	491	9.78	---	8.0	<0.5	<0.5	<0.5
MW1	04/28/99	17.35	5.37	11.98	---	---	---	---	---	---	---	---	---
MW1	07/09/99	17.35	6.39	10.96	NLPH	---	1,030	10.6	---	114	8.07	184	0.644
MW1	10/25/99	17.35	6.68	10.67	NLPH	---	---	---	---	---	---	---	---
MW1	01/21/00	17.35	6.20	11.15	NLPH	---	<50	5.1	---	<1.0	<1.0	<1.0	<1.0
MW1	04/14/00	17.35	5.18	12.17	NLPH	---	---	---	---	---	---	---	---
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 70104
1725 Park Street
Alameda, California
(Page 2 of 20)

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	12/13/05	17.29	6.86	10.43	NLPH	182d	4,610	---	6000h	2.35	0.71	<0.50	<0.50
MW1	03/13/06	17.29	6.31	10.98	NLPH	470d	6,800i	---	4,600	70	<25	76	56
MW1	06/12/06	17.29	2.01	15.28	NLPH	300d,f	16,000i	---	16,000	<50	<50	<50	<50
MW1	09/08/06	17.29	6.61	10.68	NLPH	62d	4,200i	---	4,700	<25	<25	<25	<25
MW1	12/05/06	17.29	7.94	9.35	NLPH	<47	6,300i	---	9,300	<25	<25	<25	<25
MW1	03/12/07	17.29	5.53	11.76	NLPH	120d	3,300i	---	3,400	<25	<25	<25	<25
MW1	05/29/07	17.29	7.15	10.14	NLPH	277d	2,680	---	3,550	2.86	0.97	1.70	3.71f
MW1	08/29/07	17.29	7.44	9.85	NLPH	94d	3,500i	---	3,100	<25	<25	<25	<25
MW1	11/29/07	17.29	7.04	10.25	NLPH	58d	3,600i	---	5,000	<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	---	---	NLPH	---	---	---	---	---	---	---	---
MW2	01/21/00	16.67	---	---	---	---	---	---	---	---	---	---	---
MW2	02/11/00	16.67	---	---	NLPH	---	<50	15	---	<1.0	<1.0	<1.0	<1.0
MW2	04/14/00	16.67	4.69	11.98	NLPH	---	---	---	---	---	---	---	---
MW2	06/16/00	16.67	Property transferred to Valero Refining Company.				150	86	---	15	<0.5	6.2	2.8
MW2	07/05/00	16.67	5.44	11.23	NLPH	---	---	---	---	35	0.51	5.1	12
MW2	10/03/00	16.67	6.31	10.36	NLPH	---	200	2,500	---	---	---	---	---

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California
(Page 3 of 20)

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California
(Page 4 of 20)

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd ($\mu\text{g}/\text{L}$)	TPHg ($\mu\text{g}/\text{L}$)	MTBE 8021B ($\mu\text{g}/\text{L}$)	MTBE 8260B ($\mu\text{g}/\text{L}$)	B ($\mu\text{g}/\text{L}$)	T ($\mu\text{g}/\text{L}$)	E ($\mu\text{g}/\text{L}$)	X ($\mu\text{g}/\text{L}$)
MW3	10/08/97	17.11	---	---	---	---	---	---	---	---	---	---	---
MW3	01/28/98	17.11	4.03	13.08	NLPH	---	---	---	---	---	---	---	---
MW3	04/14/98	17.11	3.80	13.31	NLPH	---	---	---	---	---	---	---	---
MW3	07/30/98	17.11	5.84	11.27	NLPH	---	---	---	---	---	---	---	---
MW3	10/19/98	17.11	6.25	10.86	NLPH	---	---	---	---	---	---	---	---
MW3	01/13/99	17.11	6.14	10.97	NLPH	---	---	---	---	---	---	---	---
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
MW3	05/29/07	17.02	5.87	11.15	NLPH	195d	782	---	14.7	109	1.76	1.89	2.79f
MW3	08/29/07	17.02	6.64	10.38	NLPH	100d	530	---	10	64	<2.5	<2.5	<2.5
MW3	11/29/07	17.02	6.32	10.70	NLPH	100d	560	---	9.8	72	<2.5	<2.5	<2.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
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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	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
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

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California
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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	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
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
MW4	05/29/07	17.29	6.32	10.97	NLPH	772d	531	---	8.65	51.6	2.39	6.59	4.63f
MW4	08/29/07	17.29	7.02	10.27	NLPH	250d	470	---	6.8	40	<2.5	4.2	3.0
MW4	11/29/07	17.29	6.61	10.68	NLPH	320d	680	---	5.1	46	<2.5	6.8	4.2
MW5	09/12/94	16.71	7.12	9.59	NLPH	---	10,000a	---	---	2,300	17	320	230
MW5	10/01/94	16.71	7.06	9.65	Sheen	---	11,000a	---	---	2,300	19	220	200
MW5	01/13/95	16.71	4.85	11.86	Sheen	---	---	---	---	---	---	---	---
MW5	04/27/95	16.71	6.51	10.20	NLPH	---	14,000	---	---	2,200	72	540	350
MW5	08/03/95	16.71	7.24	9.47	NLPH	---	<10,000	39,000	---	2,100	<100	210	<100
MW5	10/17/95	16.71	7.80	8.91	NLPH	---	13,000	38,000	---	1,800	14	240	170
MW5	01/24/96	16.71	6.66	10.05	NLPH	---	10,000	20,000	---	2,400	79	340	190
MW5	04/24/96	16.71	5.80	10.91	NLPH	---	13,000	33,000	---	3,700	120	520	170
MW5	07/26/96	16.71	7.67	9.04	NLPH	---	15,000	140,000	---	3,400	53	280	76
MW5	10/30/96	16.71	7.77	8.94	NLPH	---	10,000	110,000a	---	2,600	76	260	150
MW5	01/31/97	16.71	4.90	11.81	NLPH	---	10,000	---	34,000	2,400	66	430	140
MW5	04/10/97	16.71	---	---	---	---	---	---	---	---	---	---	---
MW5	07/10/97	16.71	7.65	9.06	NLPH	---	9,800	36,000	52,000	1,400	120	190	120
MW5	10/08/97	16.71	---	---	---	---	---	---	---	---	---	---	---
MW5	01/28/98	16.71	3.95	12.76	NLPH	---	6,500	---	15,000	1,500	34	73	57
MW5	04/14/98	16.71	4.30	12.41	---	---	---	---	---	---	---	---	---
MW5	07/30/98	16.71	5.86	10.85	NLPH	---	8,300	4,300	---	1,700	26	110	66
MW5	10/19/98	16.71	6.20	10.51	NLPH	---	---	---	---	---	---	---	---
MW5	01/13/99	16.71	6.37	10.34	NLPH	---	4,780	3,650	---	1,240	11.1	<10	<10
MW5	04/28/99	16.71	5.25	11.46	---	---	---	---	---	---	---	---	---
MW5	07/09/99	16.71	6.08	10.63	NLPH	---	4,360	2,360	---	1,780	18.6	45	<5.0
MW5	10/25/99	16.71	6.46	10.25	NLPH	---	---	---	---	---	---	---	---
MW5	01/21/00	16.71	5.79	10.92	NLPH	---	2,600	3,100	---	720	4.7	25	11.3
MW5	04/14/00	16.71	4.57	12.14	NLPH	---	---	---	---	---	---	---	---
MW5	06/16/00	16.71	Property transferred to Valero Refining Company.										
MW5	07/05/00	16.71	5.37	11.34	NLPH	---	5,100	380	---	1,800	14	52	34
MW5	10/03/00	16.71	5.93	10.78	NLPH	---	5,800	630	---	2,000	8.9	59	21
MW5	01/02/01	16.71	5.68	11.03	NLPH	---	4,800	1,100	---	1,600	9.6	38	15

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California
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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	04/02/01	16.71	4.87	11.84	NLPH	---	6,800	1,500	---	2,000	40	150	49
MW5	07/02/01	16.71	5.77	10.94	NLPH	---	4,100	960	---	1,600	20	35	21
MW5	10/15/01	16.71	6.15	10.56	NLPH	---	3,900	1,000	---	1,400	8.7	17	15.7
MW5	Nov-01	16.64	Well surveyed in compliance with AB 2886 requirements.										
MW5	02/04/02	16.64	4.69	11.95	NLPH	976	4,380	620	---	1,440	38.0	84.0	50.0
MW5	05/06/02	16.64	5.00	11.64	NLPH	1,360	3,810	764	1,220	1,110	20.0	26.0	26.0
MW5	08/22/02	16.64	6.98	9.66	NLPH	695	3,190	545	---	823	9.0	11.0	31.0
MW5	11/08/02	16.64	5.31	11.33	NLPH	645	3,360	746	---	1,050	9.4	11.1	17.8
MW5	02/07/03	16.64	5.75	10.89	NLPH	689	3,550	400	---	1,100	25.0	65.0	29.0
MW5	05/02/03	16.64	5.34	11.30	NLPH	934	4,070	439	---	818	16.9	31.9	28.6
MW5	08/14/03	16.64	6.37	10.27	NLPH	988d	3,860	286	---	912	15.6	16.2	24.0
MW5	11/14/03	16.64	6.01	10.63	NLPH	1,000d	3,450	198	---	841	15.0	14.8	17.4
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
MW5	05/29/07	16.64	6.51	10.13	NLPH	1,710d	2,880	---	5.24	438	18.3	19.3	45.6f
MW5	08/29/07	16.64	7.03	9.61	NLPH	590d	2,000	---	6.3	220	<5.0	<5.0	9.0
MW5	11/29/07	16.64	6.67	9.97	NLPH	480d	1,400	---	4.8	150	7.2	<5.0	6.9
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

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California
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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)
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
MW6	07/02/01	17.56	8.73	8.83	NLPH	520	3,700	2,000	---	330	<5	160	32
MW6	10/15/01	17.56	6.24	11.32	NLPH	1,100d	27,000	790	---	<12	<12	<12	<12
MW6	Nov-01	17.31	Well surveyed in compliance with AB 2886 requirements.										
MW6	02/04/02	17.31	4.24	13.07	NLPH	168	14,800	545	---	425	120	1,480	4,030
MW6	05/06/02	17.31	4.83	12.48	NLPH	1,540	8,580	380	522.0	988	24.0	866	1,080
MW6	08/22/02	17.31	6.49	10.82	NLPH	10,400	4,050	716	---	44.5	11.5	460	270
MW6	11/08/02	17.31	5.49	11.82	NLPH	822	5,640	1,150	---	49.3	42.7	586	858
MW6	02/07/03	17.31	4.89	12.42	NLPH	1,590	14,300	572	---	134	393	1,000	3,720
MW6	05/02/03	17.31	4.68	12.63	NLPH	1,550	8,880	1,560	---	92.0	167	672	1,530
MW6	08/14/03	17.31	6.15	11.16	NLPH	666d	6,560	3,780	---	28.2	5.3	133	184
MW6	11/14/03	17.31	6.03	11.28	NLPH	338d	5,370	4,520	---	26.4	3.1	44.9	45.0
MW6	03/01/04	17.31	3.60	13.71	NLPH	1,630d	9,020	---	134	223	265	546	1,700
MW6	06/15/04	17.31	5.41	11.90	NLPH	521d	6,920	3,470	---	300	10.0	97.0	173
MW6	09/13/04	17.31	6.06	11.25	NLPH	122d	1,010	733	---	23	<5.0	11.0	<5.0
MW6	12/22/04	17.31	4.98	12.33	NLPH	884d,f	4,050	75.4	---	101	169	208	980
MW6	03/24/05	17.31	3.59	13.72	NLPH	1,310d	7,650	---	129	460	46.0	365	1,240
MW6	06/14/05	17.31	4.67	12.64	NLPH	895d	1,940	---	153	195	7.6	26.3	18.3
MW6	09/12/05	17.31	7.12	10.19	NLPH	182d	560	---	286	10.2	<0.50	<0.50	<0.50
MW6	12/13/05	17.31	5.98	11.33	NLPH	212d	397	---	88.1	12.6	2.64	3.31	4.58
MW6	03/13/06	17.31	4.28	13.03	NLPH	850d	4,300	---	110	440	40	130	900
MW6	06/12/06	17.31	5.40	11.91	NLPH	350d,f	1,600	---	<5.0	120	<10	<10	31
MW6	09/08/06	17.31	6.34	10.97	NLPH	66d	290	---	16	4.0	<0.50	<0.50	<0.50
MW6	12/05/06	17.31	6.74	10.57	NLPH	75d	260	---	23	3.5	<0.50	<0.50	1.8
MW6	03/12/07	17.31	4.71	12.60	NLPH	170d	890	---	11	12	2.8	12	88
MW6	05/29/07	17.31	5.96	11.35	NLPH	169d	318	---	7.08	7.77	1.03	<0.50	0.98f
MW6	08/29/07	17.31	6.80	10.51	NLPH	60d	170	---	<2.5	3.1	<0.50	<0.50	<0.50
MW6	11/29/07	17.31	6.46	10.85	NLPH	<47	180	---	<2.5	<0.50	<0.50	<0.50	<0.50

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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)
MW7	09/12/94	17.12	6.43	10.69	NLPH	---	6,000a	---	---	490	50	280	70
MW7	10/01/94	17.12	6.71	10.41	NLPH	---	8,900a	---	---	940	670	310	160
MW7	01/13/95	17.12	4.29	12.83	NLPH	---	20,000a	---	---	590	780	970	4,200
MW7	04/27/95	17.12	5.00	12.12	NLPH	---	8,800	---	---	410	32	410	230
MW7	08/03/95	17.12	6.53	10.59	NLPH	---	4,900	17,000	---	390	<50	290	<50
MW7	10/17/95	17.12	7.23	9.89	NLPH	---	6,700	17,000	---	530	26	240	25
MW7	01/24/96	17.12	5.26	11.86	NLPH	---	9,300	60,000	---	2,000	390	350	230
MW7	04/24/96	17.12	5.06	12.06	NLPH	---	9,000	360,000	---	2,400	850	150	130
MW7	07/26/96	17.12	6.62	10.50	NLPH	---	4,800	86,000	---	530	25	60	46
MW7	10/30/96	17.12	7.09	10.03	NLPH	---	3,400	28,000	---	180	9.8	58	38
MW7	01/31/97	17.12	3.65	13.47	NLPH	---	3,800	45,000	---	300	18	48	37
MW7	04/10/97	17.12	---	---	---	---	---	---	---	---	---	---	---
MW7	07/10/97	17.12	7.44	9.68	NLPH	---	3,500	18,000	---	70	<25	<25	<25
MW7	10/08/97	17.12	---	---	---	---	---	---	---	---	---	---	---
MW7	01/28/98	17.12	3.06	14.06	NLPH	---	100	---	250	1.0	<0.5	<0.5	0.67
MW7	04/14/98	17.12	3.10	14.02	---	---	---	---	---	---	---	---	---
MW7	07/30/98	17.12	5.78	11.34	NLPH	---	100	670	---	1.4	<0.5	<0.5	<0.5
MW7	10/19/98	17.12	6.25	10.87	NLPH	---	---	---	---	---	---	---	---
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

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Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd ($\mu\text{g}/\text{L}$)	TPHg ($\mu\text{g}/\text{L}$)	MTBE 8021B ($\mu\text{g}/\text{L}$)	MTBE 8260B ($\mu\text{g}/\text{L}$)	B ($\mu\text{g}/\text{L}$)	T ($\mu\text{g}/\text{L}$)	E ($\mu\text{g}/\text{L}$)	X ($\mu\text{g}/\text{L}$)
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	---	<1.0	<1.0	<1.0	<1.0
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	<1	<1	<1
MW9	06/16/00	15.62	Property transferred to Valero Refining Company.				---	---	---	---	---	---	---
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	0.57	0.73
MW9	07/02/01	15.62	6.40	9.22	NLPH	---	<50	<2	---	<0.5	<0.5	<0.5	<0.5
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.				---	---	---	---	---	---	---
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	---	<0.50	<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
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	<0.50	<0.50	<0.50
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	---	<0.50	<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
MW9	05/29/07	15.56	6.32	9.24	NLPH	<47.6	<50.0	---	<0.500	<0.50	<0.50	<0.50	<0.50
MW9	08/29/07	15.56	6.51	9.05	NLPH	<47	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW9	11/29/07	15.56	6.49	9.07	NLPH	<47	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50

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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)
EW1	09/12/05	16.27	14.39	1.88	NLPH	---	---	---	---	---	---	---	---
EW1	12/13/05	16.27	12.7	3.57	NLPH	---	---	---	---	---	---	---	---
EW1	03/13/06	16.27	11.43	4.84	NLPH	---	---	---	---	---	---	---	---
EW1	06/12/06	16.27	11.78	4.49	NLPH	---	---	---	---	---	---	---	---
EW1	09/08/06	16.27	5.18	11.09	NLPH	---	---	---	---	---	---	---	---
EW1	12/05/06	16.27	10.48	5.79	NLPH	---	---	---	---	---	---	---	---
EW1	03/12/07	16.27	3.82	12.45	NLPH	---	---	---	---	---	---	---	---
EW1	05/29/07	16.27	14.9	1.37	NLPH	---	---	---	---	---	---	---	---
EW1	08/29/07	16.27	7.82	8.45	NLPH	---	---	---	---	---	---	---	---
EW1	11/29/07	16.27	6.23	10.04	NLPH	---	---	---	---	---	---	---	---
EW2	09/12/94	16.05	6.09	9.96	NLPH	---	8,800a	---	---	2,000	79	180	290
EW2	10/01/94	16.05	7.32	8.73	NLPH	---	9,500a	---	---	1,400	6.7	700	310
EW2	01/13/95	16.05	14.38	1.67	NLPH	---	5,700a	---	---	930	270	21	280
EW2	04/27/95	16.05	15.23	0.82	NLPH	---	---	---	---	---	---	---	---
EW2	08/03/95	16.05	7.19	8.86	NLPH	---	830	1,600	---	170	27	36	64
EW2	10/17/95	16.05	18.97	-2.92	NLPH	---	180	3,600	---	<0.5	<0.5	<0.5	5.1
EW2	01/24/96	16.05	20.32	-4.27	NLPH	---	1,700	6,400	---	290	82	14	170
EW2	04/24/96	16.05	9.46	6.59	NLPH	---	3,500	7,300	---	670	200	110	490
EW2	07/26/96	16.05	16.50	-0.45	NLPH	---	1,400	14,000	---	250	56	10	220
EW2	10/30/96	16.05	20.30	-4.25	NLPH	---	1,500	13,000	---	200	44	8.8	190
EW2	01/31/97	16.05	19.21	-3.16	NLPH	---	---	---	---	---	---	---	---
EW2	04/10/97	16.05	---	---	---	---	---	---	---	---	---	---	---
EW2	07/10/97	16.05	---	---	---	---	---	---	---	---	---	---	---
EW2	10/08/97	16.05	---	---	---	---	---	---	---	---	---	---	---
EW2	01/28/98	16.05	3.35	12.70	NLPH	---	---	---	---	---	---	---	---
EW2	04/14/98	16.05	3.45	12.60	NLPH	---	---	---	---	---	---	---	---
EW2	07/30/98	16.05	11.50	4.55	NLPH	---	---	---	---	---	---	---	---
EW2	10/19/98	16.05	5.67	10.38	NLPH	---	---	---	---	---	---	---	---
EW2	01/13/99	16.05	9.57	6.48	NLPH	---	---	---	---	---	---	---	---
EW2	04/28/99	16.05	10.15	5.90	NLPH	---	---	---	---	---	---	---	---
EW2	07/09/99 - 04/14/00												
EW2	06/16/00	16.05											
EW2	07/05/00 - 10/15/01												
EW2	Nov-01	16.07											
EW2	02/04/02 - Present												
EW3	09/12/94	16.02	6.12	9.90	NLPH	---	300a	---	---	44	5.9	12	31
EW3	10/01/94	16.02	10.52	5.50	NLPH	---	140a	---	---	12	0.42	1.7	3.7
EW3	01/13/95	16.02	18.13	-2.11	NLPH	---	230a	---	---	4.6	7.6	1.2	6.6
EW3	04/27/95	16.02	23.07	-7.05	NLPH	---	---	---	---	---	---	---	---
EW3	08/03/95	16.02	22.90	-6.88	NLPH	---	<200	1,400	---	<2.0	<2.0	<2.0	<2.0
EW3	10/17/95	16.02	22.87	-6.85	NLPH	---	74	2,400	---	4.4	<0.5	<0.5	<0.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
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TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
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TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California
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TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California
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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 5030/8015B (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	= Hydrocarbon pattern does not resemble the requested fuel.
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.
j	= Calibration verification recovery above the method control limit. A high bias may be indicated.

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California
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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	---	---	---	---	---	---	<100
MW1	09/13/04	---	---	---	---	---	---	---
MW1	12/22/04	---	---	---	---	---	---	---
MW1	03/24/05	<0.50	<0.50	3,020	<0.50	<0.50	<0.50	<50.0
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	---
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	---
MW1	05/29/07	<0.500	1.11	12,100	<0.500	<0.500	<0.500	---
MW1	08/29/07	<50	<50	12,000	<50	<50	<50	---
MW1	11/29/07	<50	<50	11,000	<50	<50	<50	---
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	---	---	---	---	---	---	<100
MW2	09/13/04	---	---	---	---	---	---	---
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	<100

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
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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	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
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
MW2	05/29/07	<0.500	<0.500	235	<0.500	<0.500	<0.500	<50.0
MW2	08/29/07	<0.50	<0.50	900	<0.50	<0.50	0.50	<100
MW2	11/29/07	<0.50	<0.50	1,300	<0.50	<0.50	0.66	<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	---	---	---	---	---	---	<100
MW3	09/13/04	---	---	---	---	---	---	---
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	<100
MW3	06/12/06	<5.0	<5.0	8,000	<5.0	<5.0	<5.0	<1,000
MW3	09/08/06	<2.5	<2.5	6,700	<2.5	<2.5	<2.5	<500
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
MW3	05/29/07	<0.500	<0.500	4,330	<0.500	<0.500	<0.500	<50.0
MW3	08/29/07	<1.0	<1.0	2,800	<1.0	<1.0	<1.0	<200
MW3	11/29/07	<1.0	<1.0	3,700	<1.0	<1.0	<1.0	<200
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

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
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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 ($\mu\text{g/L}$)
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
MW4	05/29/07	<0.500	<0.500	1,350	<0.500	<0.500	<0.500	<50.0
MW4	08/29/07	<0.50	<0.50	940	<0.50	<0.50	<0.50	<100
MW4	11/29/07	<0.50	<0.50	810	<0.50	<0.50	<0.50	<100
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	---	---	---	---	---	---	<100
MW5	09/13/04	---	---	---	---	---	---	---
MW5	12/22/04	---	---	---	---	---	---	---
MW5	03/24/05	<0.50	<0.50	1,560	<0.50	<0.50	1.30	<50.0
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	1.01	<50.0
MW5	03/13/06	<0.50	<0.50	1,800h	<0.50	<0.50	<0.50	<100
MW5	06/12/06	<2.5	<2.5	800	<2.5	<2.5	<2.5	<500
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	<0.50	<100
MW5	03/12/07	<0.50	<0.50	290	<0.50	<0.50	<0.50	<100
MW5	05/29/07	<0.500	<0.500	171	<0.500	<0.500	<0.500	<50.0
MW5	08/29/07	<0.50	<0.50	190	<0.50	<0.50	<0.50	<100
MW5	11/29/07	<0.50	<0.50	110	<0.50	<0.50	<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	---	---	---	---	---	---	<100
MW6	09/13/04	---	---	---	---	---	---	---
MW6	12/22/04	---	---	---	---	---	---	---
MW6	03/24/05	<0.50	<0.50	14,700	<0.50	<0.50	<0.50	<50.0

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
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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 ($\mu\text{g/L}$)
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	<1,000
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	<500
MW6	03/12/07	<2.5	<2.5	5,200	<2.5	<2.5	<2.5	<500
MW6	05/29/07	<0.500	<0.500	3,640	<0.500	<0.500	<0.500	<50.0
MW6	08/29/07	<2.5	<2.5	4,400	<2.5	<2.5	<2.5	<500
MW6	11/29/07	<2.5	<2.5	7,800	<2.5	<2.5	<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	---
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	---	---	---	---	---	---	<100
MW7	09/13/04	---	---	---	---	---	---	---
MW7	12/22/04	---	---	---	---	---	---	---
MW7	03/24/05	<0.50	<0.50	163	<0.50	<0.50	<0.50	<50.0
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	<100
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
MW7	05/29/07	<0.500	<0.500	270	<0.500	<0.500	<0.500	<50.0
MW7	08/29/07	<0.50	<0.50	150	<0.50	<0.50	<0.50	<100
MW7	11/29/07	<0.50	<0.50	98	<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	---

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

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TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

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TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 70104
1725 Park Street
Alameda, California
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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	= Hydrocarbon pattern does not resemble the requested fuel.
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.
j	= Calibration verification recovery above the method control limit. A high bias may be indicated.

TABLE 2
WELL CONSTRUCTION DETAILS
Former Exxon Service Station 70104
1725 Park Street
Alameda California
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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	4	NS	6-22	NS	NS	NS
MW2 a	1988	16.39	NS	16	NS	4	NS	3-15	NS	NS	NS
MW3 a	1988	17.02	NS	16	NS	4	NS	4-15	NS	NS	NS
MW4 a	1988	17.29	NS	21	NS	4	NS	4-19	NS	NS	NS
MW5 a	1988	16.64	NS	21	NS	4	NS	5-20	NS	NS	NS
MS6 a	1988	17.31	NS	21	NS	4	NS	5-20	NS	NS	NS
MW7 a	1988	17.06	NS	40	NS	4	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	4	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	4	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	4	NS	5-40	NS	NS	NS

TABLE 2
WELL CONSTRUCTION DETAILS
Former Exxon Service Station 70104
1725 Park Street
Alameda California
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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

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 70104
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Date	FIELD MEASUREMENTS										Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Benzene	
	Hour Meter	Total Hours	Hours of Operation	Temp (deg F)	EFF Pressure (in H ₂ O)	Vacuum (in Hg)	Vacuum (in H ₂ O)	Flow (fpm)	Sample ID	PID (ppmv)	TPHg (mg/m ³)	MTBE (mg/m ³)	Benzene (mg/m ³)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Emission Rate (lbs/day)	
02/16/98	System startup.	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
03/24/00	System shutdown pending evaluation.	12,001	0	—	—	—	—	—	—	—	—	—	—	< 60.8	< 60.8	—	—	—	—	—	
04/01/00	Environmental Resolutions Inc., assumed operation of the system.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
06/28/00	System upgrades completed. System restarted.	12,008	7	7	—	—	—	26	—	—	A-INF	770.0	—	—	—	—	—	—	—	—	
	System shutdown for carbon changeout, 2 x 500-pounds.	—	—	—	—	—	—	—	—	—	A-INT	18.1	—	—	—	—	—	—	—	—	
		—	—	—	—	—	—	—	—	—	A-EFF	13.3	—	—	—	—	—	—	—	—	
07/11/00	System down upon arrival; restart.	12,011	10	3	86	—	—	8	4,000	83	A-INF	207.0	51	—	< 1.0	0.16	< 61.0	—	—	0.00	0.0 < 0.01
		—	—	—	—	—	—	—	—	—	A-INT	9.1	< 10	—	—	—	—	—	—	—	
		—	—	—	—	—	—	—	—	—	A-EFF	0.0	< 10	—	—	—	—	—	—	—	
07/20/00	System running upon arrival (vapor extraction system only). System running on departure.	12,226	225	215	78	—	—	9	4,500	95	A-INF	42.3	—	—	—	—	—	—	—	—	
		—	—	—	—	—	—	—	—	—	A-INT	2.4	—	—	—	—	—	—	—	—	
		—	—	—	—	—	—	—	—	—	A-EFF	0.0	—	—	—	—	—	—	—	—	
07/31/00	System down on departure for carbon changeout (2x500-pounds).	12,493	492	267	87	—	—	9	4,500	93	A-INF	266.0	—	—	—	—	—	—	—	—	
		—	—	—	—	—	—	—	—	—	A-INT	73.0	—	—	—	—	—	—	—	—	
		—	—	—	—	—	—	—	—	—	A-EFF	41.2	—	—	—	—	—	—	—	—	
08/10/00	System down upon arrival for carbon changeout. System running on departure.	12,733	732	0	80	—	—	30	800	16	A-INF	53.5	43	—	< 1	6.27	< 67.2	—	—	< 0.13	< 0.14 < 0.001
		—	—	—	—	—	—	—	—	—	A-INT	0.0	< 10	—	—	—	—	—	—	—	
		—	—	—	—	—	—	—	—	—	A-EFF	0.0	< 10	—	—	—	—	—	—	—	
08/16/00	12,874	873	141	84	—	—	31.5	250	5	A-INF	164.1	—	—	—	—	—	—	—	—	—	
		—	—	—	—	—	—	—	—	—	A-INT	0.0	—	—	—	—	—	—	—	—	
		—	—	—	—	—	—	—	—	—	A-EFF	0.0	—	—	—	—	—	—	—	—	
08/24/00	System down on departure for carbon changeout.	13,065	1,064	191	76	—	—	20	2,400	49	A-INF	294.0	—	—	—	—	—	—	—	—	—
		—	—	—	—	—	—	—	—	—	A-INT	23.7	—	—	—	—	—	—	—	—	
		—	—	—	—	—	—	—	—	—	A-EFF	2.4	—	—	—	—	—	—	—	—	
09/12/00	System down upon arrival for carbon changeout. System running on departure.	13,070	1,069	5	74	—	—	20	2,600	53	A-INF	247.5	190	—	2.5	5.09	< 72.3	—	—	0.08	< 0.21 < 0.00
		—	—	—	—	—	—	—	—	—	A-INT	0.0	< 10	—	—	—	—	—	—	—	
		—	—	—	—	—	—	—	—	—	A-EFF	0.0	< 10	—	—	—	—	—	—	—	
09/26/00	13,406	1,405	336	80	—	—	22	2,450	50	A-INF	448.7	—	—	—	—	—	—	—	—	—	
		—	—	—	—	—	—	—	—	—	A-INT	10.7	—	—	—	—	—	—	—	—	
		—	—	—	—	—	—	—	—	—	A-EFF	0.0	—	—	—	—	—	—	—	—	
10/12/00	System running on arrival and down upon departure for carbon changeout. Samples taken.	13,786	1,785	380	67	—	—	24	2,400	50	A-INF	96.4	55	—	< 1.0	16.90	< 89.2	—	—	< 0.24	< 0.45 < 0.004
		—	—	—	—	—	—	—	—	—	A-INT	72.3	21	—	< 1.0	—	—	—	—	—	
		—	—	—	—	—	—	—	—	—	A-EFF	9.0	< 10	—	< 1.0	—	—	—	—	—	
10/30/00	System down upon arrival for carbon changeout. System running on departure.	13,788	1,787	2	56	—	—	24	2,450	52	A-INF	10,024	1,700	—	15	0.33	< 89.5	—	—	0.00	< 0.46 < 0.005
		—	—	—	—	—	—	—	—	—	A-INT	59.1	< 10	—	< 1.0	—	—	—	—	—	
		—	—	—	—	—	—	—	—	—	A-EFF	0.0	< 10	—	< 1.0	—	—	—	—	—	

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
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Date	FIELD MEASUREMENTS										Sample ID	PID (ppmv)	Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Benzene
	Hour Meter	Total Hours	Hours of Operation	Temp (deg F)	EFF Pressure (in H ₂ O)	Vacuum (in Hg)	Vacuum (in H ₂ O)	Flow (fpm)	Flow (scfm)	TPHg (mg/m ³)			MTBE (mg/m ³)	Benzene (mg/m ³)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Emission Rate (lbs/day)	
11/08/00	14,008	2,007	220	60	---	---	25	2,300	48	A-INF	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.																					
	14,314	2,313	306	68	---	---	25	2,300	47	A-INF	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.																					
	14,316	2,315	2	52	---	---	24	2,400	51	A-INF	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	14,697	2,696	381	56	---	---	26	2,600	54	A-INF	192.1											
										A-INT	4.8											
										A-EFF	0.0											
01/09/01	15,012	3,011	315	56	---	---	25	2,400	50	A-INF	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.																					
	15,353	3,352	341	60	---	---	26	2,300	48	A-INF	485.0											
										A-INT	35.2											
										A-EFF	20.7											
01/31/01	15,355	3,354	2	45	—	—	33	1,500	32	A-INF	10,000											
										A-INT	0											
										A-EFF	0											
02/13/01	15,669	3,668	314	56	---	---	12	4,000	87	A-INF	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.																					
	15,999	3,998	330	70	---	---	8	4,000	85	A-INF	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.																					
	16,002	4,001	3	65	---	---	9	4,000	86	A-INF	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.																					
	16,336	4,335	334	62	---	---	10	4,000	86	A-INF	182.6											
										A-INT	16.8											
										A-EFF	0											
04/12/01	System running on arrival and departure.																					
	16,725	4,724	389	72	---	---	8	4,000	85	A-INF	4.8											
										A-INT	2.6											
										A-EFF	0											
04/25/01	System running on arrival and departure.																					
	17,034	5,033	309	80	---	---	9	4,000	84	A-INF	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.																					
	17,371	5,370	337	86	---	---	10	4,000	83	A-INF	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
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TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
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TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
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Date	FIELD MEASUREMENTS								Sample ID	PID (ppmv)	Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Benzene Emission Rate	
	Hour Meter	Total Hours	Hours of Operation	Temp (deg F)	EFF (in H ₂ O)	Pressure (in Hg)	Vacuum (in H ₂ O)	Flow (fpm)			TPHg (mg/m ³)	MTBE (mg/m ³)	Benzene (mg/m ³)	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.										16.4										
07/31/02	23,764	11,763	330	110	--	--	21	3,000	58	A-INF A-INT A-EFF	0.0 0.0 0.0										
08/14/02	System running upon arrival and upon departure.										9.8	19	--	0.21	3.88	< 645.9	--	--	0.03	< 7.23	< 0.001
08/14/02	24,103	12,102	339	112	--	--	16	3,000	58	A-INF A-INT A-EFF	0.0 0.0 0.0	< 10 < 10	-- -- --	< 0.10 < 0.10 < 0.10							
08/28/02	System running upon arrival and down upon departure.										16.0										
08/28/02	24,414	12,413	311	110	--	--	16	3,000	58	A-INF A-INT A-EFF	0.0 0.0 0.0										
11/06/02	System down upon arrival and running upon departure.										1282	1,300	--	12	44.46	< 690.4	--	--	0.41	< 7.64	< 0.001
11/06/02	24,415	12,414	1	106	--	--	26	3,000	57	A-INF A-INT A-EFF	0.0 0.0 0.0	< 10 < 10	-- -- --	< 0.10 < 0.10 < 0.10							
11/20/02	System running upon arrival and upon departure.										67.6										
11/20/02	24,754	12,753	339	122	--	--	36	3,300	60	A-INF A-INT A-EFF	1.1 0.0										
12/04/02	System running upon arrival and departure.										47.5	< 500	--	< 5.0	< 129.10	< 819.5	--	--	< 1.22	< 8.86	< 0.005
12/04/02	25,084	13,083	330	112	--	--	46	3,200	57	A-INF A-INT A-EFF	0.2 0.0	< 100 < 100	-- --	< 1.0 < 1.0							
12/18/02	System running upon arrival and departure. Carbon changeout performed.										76.1										
12/18/02	25,422	13,421	668	112	7	--	46	3,000	54	A-INF A-INT A-EFF	2.1 0.0										
01/06/03	System running upon arrival and upon departure for carbon changeout.										372.0										
01/06/03	25,875	13,874	453	--	--	--	35	3200	--	A-INF A-INT A-EFF	602.0 604.0										
01/15/03	System down on arrival and running on departure.										134.0	110	--	1.4	< 48.56	< 868.1	--	--	< 0.51	< 9.37	< 0.001
01/15/03	25,875	13,874	0	112	--	--	45	2,800	50	A-INF A-INT A-EFF	1.3 0.0	22 < 20	-- --	< 0.20 < 0.20							
01/29/03	System running upon arrival and departure.										56.9										
01/29/03	26,210	14,209	335	114	--	--	45	2,700	48	A-INF A-INT A-EFF	0.0 0.0										
02/12/03	System running upon arrival and departure.										50.6	24	--	0.27	8.51	< 876.6	--	--	0.11	< 9.47	< 0.000
02/12/03	26,548	14,547	338	110	--	--	44	2,800	51	A-INF A-INT A-EFF	3.4 0.0	90 < 10	-- --	1.1 < 0.10							
02/26/03	System running upon arrival and departure. Carbon changeout performed.										122.9										
02/26/03	26,884	14,883	336	112	--	--	44	2,300	46	A-INF A-INT A-EFF	1.9 0.0										
03/12/03	System running upon arrival and departure. Carbon changeout performed.										30.4	59	--	0.81	5.33	< 881.9	--	--	0.07	< 9.54	< 0.000
03/12/03	27,218	15,217	334	120	--	--	43	2,600	52	A-INF A-INT A-EFF	0.6 0.1	< 10 < 10	-- --	< 0.10 < 0.10							

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
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Date	FIELD MEASUREMENTS										Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Benzene	
	Hour Meter	Total Hours	Hours of Operation	Temp (deg F)	EFF (in H ₂ O)	Pressure (in Hg)	Vacuum (in H ₂ O)	Vacuum (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/m ³)	MTBE (mg/m ³)	Benzene (mg/m ³)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Emission Rate (lbs/day)
09/24/03	System running on arrival and departure.										31,256	19,255	337	120	--	--	38.5	3,150	63	A-INF A-INT A-EFF	96.0 17.0 0.6
10/08/03	System running on arrival and departure.										31,587	19,586	331	120	--	--	38	3,000	60	A-INF A-INT A-EFF	31.0 1.9 0.0
10/22/03	System running on arrival. Shut down due to bad motor starter. Down on departure.										31,923	19,922	336	--	--	--	41	2,700	--	A-INF A-INT A-EFF	36.0 3.0 2.0
11/03/03	System down on arrival and departure.										31,927	19,926	4	110	--	--	36	3,100	63	A-INF A-INT A-EFF	262.0 3.1 0.2
12/01/03	System running on arrival and departure.										32,263	20,262	336	108	--	--	38	2,800	57	A-INF A-INT A-EFF	25.3 0.0 0.0
12/15/03	System running on arrival and departure.										32,600	20,599	337	102	10	--	32	3,400	70	A-INF A-INT A-EFF	53.0 7.0 2.7
12/29/03	System running on arrival and departure.										32,932	20,931	332	94	9.5	--	34	3,400	71	A-INF A-INT A-EFF	46.9 0.0 0.0
01/12/04	System down on arrival, groundwater remediation system (GRS) transfer pump failure. System down for knockout drum replacement.										0	0	0	0	0	0	0	0	0	0	0
01/26/04	System down on arrival and departure, blower not starting (needs troubleshooting).										0	0	0	0	0	0	0	0	0	0	0
02/09/04	System down on arrival and departure, blower not starting (needs troubleshooting).										0	0	0	0	0	0	0	0	0	0	0
System retrofit complete, commencing startup with new blower and new Bay Area Air Quality Management District (BAAQMD) conditions.																					
06/27/05	Retrofitted system startup.										33,268	21,267	336	72	1	--	136.1	3,900	85	A-INF A-INT A-EFF	185.6 0.0 0.6
06/27/05											33,268	21,267	336	72	1	--	124	8.63	11.3	19.97	< 1,042.3
06/28/05											33,269	21,268	1	72	2	--	88.5	3,400	74	A-INF A-INT A-EFF	34.1 0.0 0.0
06/29/05	Shut down system on departure for bi-weekly visitation request with the BAAQMD.										33,289	21,288	20	72	1	--	74.9	2,800	61	A-INF A-INT A-EFF	711.0 0.0 0.0
07/01/05	Soil vapor extraction (SVE) system down awaiting AQMD permit modification.										0	0	0	0	0	0	0	0	0	0	0
07/08/05	Restart system with bi-weekly visitation frequency (BAAQMD).										0	0	0	0	0	0	0	0	0	0	0
07/08/05											33,291	21,290	2	70	2	--	95.3	3,000	65	A-INF A-INT A-EFF	571.0 0.0 4.7

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

06/27/05	Retrofitted system startup.										33,268	21,267	336	72	1	--	136.1	3,900	85	A-INF A-INT A-EFF	185.6 0.0 0.6
06/27/05											33,268	21,267	336	72	1	--	124	8.63	11.3	19.97	< 1,042.3
06/28/05											33,269	21,268	1	72	2	--	88.5	3,400	74	A-INF A-INT A-EFF	34.1 0.0 0.0
06/29/05	Shut down system on departure for bi-weekly visitation request with the BAAQMD.										33,289	21,288	20	72	1	--	74.9	2,800	61	A-INF A-INT A-EFF	711.0 0.0 0.0
07/01/05	Soil vapor extraction (SVE) system down awaiting AQMD permit modification.										0	0	0	0	0	0	0	0	0	0	0
07/08/05	Restart system with bi-weekly visitation frequency (BAAQMD).										0	0	0	0	0	0	0	0	0	0	0
07/08/05											33,291	21,290	2	70	2	--	95.3	3,000	65	A-INF A-INT A-EFF	571.0 0.0 4.7

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

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Date	FIELD MEASUREMENTS										Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Benzene											
	Hour Meter	Total Hours	Hours of Operation	Temp (deg F)	EFF Pressure (in H ₂ O)	Vacuum (in Hg)	Vacuum (in H ₂ O)	Flow (fpm)	Sample ID	PID (ppmv)	TPHg (mg/m ³)	MTBE (mg/m ³)	Benzene (mg/m ³)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Emission Rate (lbs/day)											
07/05/06	System running on arrival and departure.										2,424	24,758	124	70	2	—	135.9	2,000	98	A-INF A-INT1 A-INT2 A-EFF	15.7 0.0 0.0 0.0	< 50.0 < 50.0 < 50.0 < 50.0	< 0.500 < 0.500 < 0.500 < 0.500	< 0.500 < 0.500 < 0.500 < 0.500	< 7.08	< 1,120.5	< 0.23	< 2.74	< 0.07	< 15.82	< 0.0044
07/14/06	System running on arrival and departure.										2,644	24,978	220	70	2	---	135.9	2,000	98	A-INF A-INT1 A-INT2 A-EFF	240.0 3.2 0.0 0.0										
07/20/06	System running on arrival and departure.										2,804	25,138	160	70	2	—	135.9	1,800	88	A-INF A-INT1 A-INT2 A-EFF	61.0 0.0 0.0 0.0										
07/28/06	System running on arrival and departure.										2,973	25,307	169	70	2	---	135.9	1,800	88	A-INF A-INT1 A-INT2 A-EFF	56.0 0.0 0.0 0.0										
08/04/06	System running on arrival and departure.										3,144	25,478	171	70	2	---	135.9	1,800	88	A-INF A-INT1 A-INT2 A-EFF	96.0 0.0 0.0 0.0	147 < 50.0 < 50.0 < 50.0	1.30 < 0.500 < 0.500 < 0.500	1.71 < 0.500 < 0.500 < 0.500	< 24.57	< 1,145.1	< 0.28	< 3.02	< 0.28	< 16.09	< 0.0039
08/11/06	System running on arrival and departure.										3,308	25,642	164	70	2	---	135.9	2,200	107	A-INF A-INT1 A-INT2 A-EFF	65.0 0.0 0.0 0.0										
08/18/06	System running on arrival and departure.										3,483	25,817	175	70	2	---	135.9	2,500	122	A-INF A-INT1 A-INT2 A-EFF	60.0 0.0 0.0 0.0										
08/25/06	System down on arrival (H/H moisture separator), restarted system.										3,486	25,820	3	70	2	---	135.9	2,500	122	A-INF A-INT1 A-INT2 A-EFF	56.0 0.0 0.0 0.0										
09/01/06	System running on arrival and down for LPC changeout on departure.										3,654	25,988	168	70	2	---	135.9	2,500	122	A-INF A-INT1 A-INT2 A-EFF	27.0 0.0 0.0 0.0										
09/15/06	System down on arrival, (carbon changeout completed), restarted system.										3,657	25,991	3	70	2	---	135.9	2,500	122	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0										

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Date	FIELD MEASUREMENTS										Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Benzene							
	Hour Meter	Total Hours	Hours of Operation	Temp (deg F)	EFF Pressure (in H ₂ O)	Vacuum (in Hg)	Vacuum (in H ₂ O)	Flow (fpm)	Sample ID	PID (ppmv)	TPHg (mg/m ³)	MTBE (mg/m ³)	Benzene (mg/m ³)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Emission Rate (lbs/day)							
09/22/06	System down on arrival, lock out/tag out system for repair.																										
10/06/06	3,734	26,068	77	70	2	---	136.1	2,500	122	A-INF	30.0																
										A-INT1	0.0																
										A-INT2	0.0																
										A-EFF	0.0																
10/13/06	3,742	26,076	8	70	2	---	136.1	2,500	122	A-INF	60.0																
										A-INT1	0.0																
										A-INT2	0.0																
										A-EFF	0.0																
10/20/06	System down on arrival. System shut down for carbon changeout.																										
	3,744	26,078	2	70	2	--	--	--	--	A-INF	---																
										A-INT1																	
										A-INT2																	
										A-EFF																	
10/27/06	System down on arrival for carbon changeout. System running on departure.																										
	3,744	26,078	0	70	2	--	136.1	2,500	122	A-INF	204.0	< 50.0	< 0.500	< 0.500	< 23.17	< 1,168.3	< 0.21	< 3.23	< 0.26	< 16.35	< 0.0055						
										A-INT1	1.0	< 50.0	2.08	< 0.500													
										A-INT2	0.0	< 50.0	< 0.500	< 0.500													
										A-EFF	0.0	< 50.0	< 0.500	< 0.500													
11/03/06	System running on arrival and departure.																										
	3,915	26,249	171	70	0	--	136.1	2,500	123	A-INF	10.0																
										A-INT1	0.0																
										A-INT2	0.0																
										A-EFF	0.0																
11/10/06	System running on arrival and departure.																										
	4,079	26,413	164	100	2	--	136.1	2,500	115	A-INF	72.0	141	2.68	2.86	< 14.19	< 1,182.4	< 0.24	< 3.47	< 0.25	< 16.60	< 0.0120						
										A-INT1	2.0	65.4	3.46	< 0.500													
										A-INT2	0.0	< 50.0	1.31	0.686													
										A-EFF	0.0	< 50.0	< 0.500	1.16													
11/14/06	System running on arrival and departure.																										
	4,135	26,469	56	110	1	--	149.7	2,500	114	A-INF	53.0																
										A-INT1	1.0																
										A-INT2	0.0																
										A-EFF	0.0																
11/20/06	System running on arrival and departure.																										
	4,321	26,655	186	110	1	--	149.7	2,500	114	A-INF	63.0																
										A-INT1	0.0																
										A-INT2	0.0																
										A-EFF	0.0																
11/27/06	System running on arrival and departure.																										
	4,487	26,821	166	110	1	--	136.1	2,500	114	A-INF	63.0																
										A-INT1	0.0																
										A-INT2	0.0																
										A-EFF	0.0																
12/05/06	System running on arrival and departure.																										
	4,677	27,011	190	100	1	10	136.1	2,600	120	A-INF	10.0	< 50.0	< 0.500	< 0.500	< 25.17	< 1,207.6	< 0.42	< 3.88	< 0.44	< 17.04	< 0.0054						
										A-INT1	0.0	< 50.0	< 0.500	< 0.500													
										A-INT2	0.0	< 50.0	< 0.500	< 0.500													
										A-EFF	0.0	< 50.0	< 0.500	< 0.500													

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Date	FIELD MEASUREMENTS										Laboratory Analytical Results				TPHg Removal		MTBE Removal		Benzene Removal		Benzene Emission Rate
	Hour Meter	Total Hours	Hours of Operation	Temp (deg F)	EFF Pressure (in H ₂ O)	Vacuum (in Hg)	Vacuum (in H ₂ O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/m ³)	MTBE (mg/m ³)	Benzene (mg/m ³)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	(lbs/day)
04/03/07	System locked out/tagged out on arrival, restarted, and running on departure.										6,033	28,367	0	110	0	9	122.45	2,600	118	A-INF	2.0
																			A-INT1	0.0	
																			A-INT2	0.0	
																			A-EFF	0.0	
04/12/07	System running on arrival and departure.										6,240	28,574	207	90	0	9	122.45	2,600	123	A-INF	2.0
																			A-INT1	0.0	
																			A-INT2	0.0	
																			A-EFF	0.0	
04/20/07	System running on arrival and departure.										6,430	28,764	190	110	0	8	108.84	2,600	118	A-INF	3.0
																			A-INT1	0.0	
																			A-INT2	0.0	
																			A-EFF	0.0	
04/25/07	System down on arrival and running on departure.										6,475	28,809	45	110	0	8	108.84	2,600	118	A-INF	4.0
																			A-INT1	0.0	
																			A-INT2	0.0	
																			A-EFF	0.0	
05/04/07	System down on arrival and running on departure.										6,491	28,825	16	110	0	8	108.84	2,600	118	A-INF	2.0
																			A-INT1	0.0	
																			A-INT2	0.0	
																			A-EFF	0.0	
05/11/07	System down on arrival and running on departure.										6,647	28,981	156	120	0	8	108.84	2,600	116	A-INF	4.0
																			A-INT1	0.0	
																			A-INT2	0.0	
																			A-EFF	0.0	
05/17/07	System down on arrival and running on departure.										6,760	29,094	113	100	0	6	81.63	2,600	121	A-INF	3.0
																			A-INT1	0.0	
																			A-INT2	0.0	
																			A-EFF	0.0	
05/25/07	System running on arrival and departure.										6,930	29,264	170	100	0	6	81.63	2,600	121	A-INF	2.0
																			A-INT1	0.0	
																			A-INT2	0.0	
																			A-EFF	0.0	
06/08/07	System running on arrival and shut down on departure.										7,284	29,618	354	100	0	6	81.63	2,600	121	A-INF	4.0
																			A-INT1	0.0	
																			A-INT2	0.0	
																			A-EFF	0.0	
06/21/07	System down on arrival and running on departure.										7,428	29,762	144	100	0	8	108.84	2,600	121	A-INF	1.0
																			b	b	
																			A-INT1	< 50.0	
																			A-INT2	< 50.0	
																			A-EFF	< 50.0	
06/29/07	System down on arrival and running on departure.										7,615	29,949	187	150	0	8	108.84	2,600	111	A-INF	1.0
																			A-INT1	< 50.0	
																			A-INT2	< 50.0	
																			A-EFF	< 50.0	

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	Hour Meter	Total Hours	Hours of Operation	Temp (deg F)	EFF (in H ₂ O)	Pressure (in Hg)	Vacuum (in H ₂ O)	Flow (fpm)	Vacuum (scfm)	Sample ID	PID (ppmv)	TPHg (mg/m ³)	MTBE (mg/m ³)	Benzene (mg/m ³)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	(lbs/day)
07/06/07	System down on arrival and running on departure.										7,660	29,867	232	150	0	7	95.24	2,400	102	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0
07/11/07	System down on arrival and running on departure.										7,703	30,037	88	110	0	8	108.84	2,600	118	A-INF A-INT1 A-INT2 A-EFF	1.0 0.0 0.0 0.0
07/18/07	System down on arrival and running on departure.										7,819	30,153	116	80	0	6	81.63	3,000	144	A-INF A-INT1 A-INT2 A-EFF	1.0 0.0 0.0 0.0
07/20/07	System down on arrival and running on departure.										7,858	30,192	39	--	--	--	--	--	--	A-INF A-INT1 A-INT2 A-EFF	--- --- --- ---
07/24/07	System running on arrival and running on departure.										7,952	30,286	94	70	0	6	81.63	3,200	157	A-INF A-INT1 A-INT2 A-EFF	1.0 0.0 0.0 0.0
07/31/07	System running on arrival and running on departure.										8,120	30,454	168	70	0	6	81.63	3,400	167	A-INF A-INT1 A-INT2 A-EFF	1.0 0.0 0.0 0.0
08/09/07	System running on arrival and running on departure.										8,337	30,671	217	80	0	6	81.63	3,400	164	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0
08/15/07	System running on arrival and running on departure.										8,458	30,792	121	80	0	6	81.63	3,400	164	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0
08/23/07	System running on arrival and running on departure.										8,674	31,008	216	85	0	6	81.63	3,000	143	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0
08/28/07	System restarted on arrival and running on departure.										8,780	31,114	106	85	0	6	81.63	3,000	143	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0

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Date	FIELD MEASUREMENTS										Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Benzene Emission Rate					
	Hour Meter	Total Hours	Hours of Operation	Temp (deg F)	EFF Pressure (in H ₂ O)	Vacuum (in Hg)	Vacuum (in H ₂ O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/m ³)	MTBE (mg/m ³)	Benzene (mg/m ³)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (lbs/day)				
09/07/07	System running on arrival and running on departure.										6	81.63	3,600	167	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0									
09/14/07	System running on arrival and running on departure.										6	81.63	3,000	139	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0	< 11d < 11d < 11d < 11d	0.097d 0.26d 0.25d 0.0072d	0.0046d 0.0099d 0.0055d 0.0029d	< 261.88 < 1,622.4	6.51	< 13.02	7.00	< 26.83	< 0.0008
09/21/07	System running on arrival and running on departure.										6	81.63	3,000	139	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0									
09/28/07	System running on arrival and running on departure.										6	81.63	3,000	139	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0									
10/02/07	System running on arrival and shut down on departure.										6	81.63	3,000	139	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0									
10/05/07	System restarted on arrival and running on departure.										6	81.63	3,000	139	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0									
10/12/07	System running on arrival and running on departure.										6	81.63	3,200	148	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0	< 11 b < 11 < 11	0.40d/0.69c b 0.14/0.36c 0.014	0.013 b 0.0092 0.0074	< 3.55 < 1,626.0	0.27	< 13.29	0.00	< 26.83	0.0021
10/16/07	System running on arrival and running on departure.										6	81.63	3,200	148	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0									
10/22/07	System running on arrival and running on departure.										6	81.63	3,200	148	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0									
11/02/07	System running on arrival and running on departure.										6	81.63	3,200	148	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0									
11/09/07	System running on arrival and running on departure.										6	81.63	3,200	148	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0	< 11 < 11 < 11 < 11	0.36 0.20 0.42 < 0.0072	< 0.0016 0.018 < 0.0016 < 0.0016	< 4.11 < 1,630.1	0.20	< 13.49	< 0.00	< 26.83	< 0.0005

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Date	FIELD MEASUREMENTS										Laboratory Analytical Results	TPHg Removal		MTBE Removal		Benzene Removal		Benzene			
	Hour Meter	Total Hours	Hours of Operation	Temp (deg F)	EFF Pressure (in H ₂ O)	Vacuum (in Hg)	Vacuum (in H ₂ O)	Flow (fpm)	Sample ID	PID (ppmv)		TPHg (mg/m ³)	MTBE (mg/m ³)	Benzene (mg/m ³)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Emission Rate (lbs/day)
11/16/07	System running on arrival and running on departure.										10,610	32,944	166	100	0	6	81.63	3,000	139	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0
11/21/07	System running on arrival and running on departure.										10,728	33,062	118	100	0	6	81.63	3,000	139	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0
11/26/07	System running on arrival and running on departure.										10,848	33,182	120	100	0	6	81.63	3,000	139	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0
12/07/07	System running on arrival and running on departure.										11,112	33,446	264	90	0	6	81.63	3,000	142	A-INF A-INT1 A-INT2 A-EFF	0.0 < 11 0.12 0.0021 < 3.99 < 1,634.1 0.09 < 13.58 < 0.00 < 26.83 0.0 < 11 0.042 0.0029 < 11 0.12 < 0.0016 0.0 < 11 < 0.0072 < 0.0016 0.0 < 11 < 0.0072 < 0.0016

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 T0-3(M); on and prior to 08/09/07, analyzed using EPA Method 18M.

MTBE Methyl tertiary butyl ether analyzed using EPA Method T0-15M; on and prior to 08/09/07, analyzed using EPA Method 18M.

Benzene Benzene analyzed using EPA Method T0-15M; on and prior to 08/09/07, analyzed using EPA Method 18M.

Temp EFF Temperature effluent.

deg F Degrees Fahrenheit.

In H²O Inches of water column.

In Hg Inches of mercury vacuum.

scfm Standard cubic feet per minute.

fpm Feet per minute.

lbs/day Pounds per day.

ppmv Parts per million by volume.

mg/M³ 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.

c Concentration exceeds the calibration range.

d Dilution analysis was performed outside the recommended holding time.

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

TABLE 4
OPERATION AND PERFORMANCE DATA FOR
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Former Exxon Service Station 70104
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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)
10/10/94	1,331,420	---	W-INF W-EFF	< 50 < 50	< 0.5 < 0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	---	---	---	---	---	---	
12/02/94	1,392,010	0.8	W-INF W-EFF	65 < 50	1.9 < 0.5	0.9 <0.5	<0.5 <0.5	2.4 <0.5	---	< 0.03	< 0.03	< 0.0006	< 0.001	---	---
01/13/95	1,415,980	0.4	W-INF W-INT W-EFF	1,000 < 50 < 50	< 0.5 < 0.5 < 0.5	<0.5 <0.5 <0.5	<0.5 <0.5 <0.5	<0.5 <0.5 <0.5	---	0.11	< 0.1	< 0.0002	< 0.001	---	---
02/23/95	1,494,030	1.3	W-INF W-INT W-EFF	57 < 50 < 50	< 0.5 < 0.5 < 0.5	<0.5 <0.5 <0.5	<0.5 <0.5 <0.5	2.7 <0.5 <0.5	---	0.34	< 0.5	< 0.0003	< 0.001	---	---
03/14/95	---	---	W-INF W-INT W-EFF	< 50 < 50 < 50	< 0.5 < 0.5 < 0.5	<0.5 <0.5 <0.5	<0.5 <0.5 <0.5	<0.5 <0.5 <0.5	---	---	---	---	---	---	
04/14/95	1,513,240	0.3	W-INF W-INT W-EFF	< 50 < 50 < 50	< 0.5 < 0.5 < 0.5	<0.5 <0.5 <0.5	<0.5 <0.5 <0.5	<0.5 <0.5 <0.5	---	< 0.01	< 0.5	< 0.0001	< 0.001	---	---
05/18/95	1,714,850	4.1	W-INF	---	---	---	---	---	---	---	---	---	---	---	---
06/30/95	1,847,330	2.1	W-INF W-INT W-EFF	1,700 < 50 < 50	480 < 0.5 < 0.5	23 <0.5 <0.5	66 <0.5 <0.5	180 <0.5 <0.5	---	< 2.44	< 2.9	0.6685	< 0.670	---	---
07/12/95	1,908,730	3.6	W-INF W-INT W-EFF	290 < 50 < 50	68 < 0.5 < 0.5	<2.0 <0.5 <0.5	2.4 <0.5 <0.5	5.6 <0.5 <0.5	---	0.51	< 3.4	0.1128	< 0.783	---	---
08/09/95	2,027,830	3.0	W-INF W-INT W-EFF	6,600 < 50 < 50	1,700 < 0.5 < 0.5	260 <0.5 <0.5	370 <0.5 <0.5	550 <0.5 <0.5	---	3.42	< 6.9	0.8768	< 1.659	---	---
09/06/95	2,158,260	3.2	W-INF W-INT W-EFF	120 < 50 < 50	17 < 0.5 < 0.5	0.84 <0.5 <0.5	1.0 <0.5 <0.5	3.0 <0.5 <0.5	---	3.65	< 10.5	0.9325	< 2.592	---	---
10/11/95	2,215,310	1.1	W-INF W-INT W-EFF	160 < 50 < 50	22 < 0.5 < 0.5	0.97 <0.5 <0.5	1.2 <0.5 <0.5	4.0 <0.5 <0.5	---	0.07	< 10.6	0.0093	< 2.601	---	---

TABLE 4
OPERATION AND PERFORMANCE DATA FOR
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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)
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	---						
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	---						

TABLE 4
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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)
10/02/96	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	--						
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	--						

TABLE 4
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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)
10/21/97	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	---					---	---
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	---					---	---

TABLE 4
OPERATION AND PERFORMANCE DATA FOR
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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)
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	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---

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OPERATION AND PERFORMANCE DATA FOR
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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)	
09/10/03	GRS down on arrival, running on departure.													
09/10/03	854,800	0.0	W-INF	89	< 5.0	<5.0	<5.0	<5.0	140	0.052	< 31.6	< 0.002	< 4,794	
			W-INT 1	< 50	< 0.50	<0.50	<0.50	<0.50	0.81					
			W-INT 2	< 50	< 0.50	<0.50	<0.50	<0.50	< 0.50					
			W-PSP#1	< 50	< 0.50	<0.50	<0.50	<0.50	< 0.50					
09/24/03	GRS running on arrival and departure.													
09/24/03	879,920	1.2												
10/08/03	GRS running on arrival and departure.													
10/08/03	903,850	1.2	W-INF	330	< 10	<10	<10	<10	540	0.086	< 31.7	< 0.003	< 4,797	
			W-INT 1	< 50	< 0.50	<0.50	<0.50	<0.50	1.5					
			W-INT 2	< 50	< 0.50	<0.50	<0.50	<0.50	< 0.50					
			W-PSP#1	< 50	< 0.50	<0.50	<0.50	<0.50	< 0.50					
10/22/03	GRS running on arrival and departure.													
10/22/03	927,460	1.2												
11/03/03	GRS running on arrival and departure.													
11/03/03	947,710	1.2	W-INF	530	< 10	<10	<10	<10	810	0.157	< 31.9	< 0.004	< 4,800	
			W-INT 1	< 50	< 0.50	<0.50	<0.50	<0.50	4.4					
			W-INT 2	< 50	< 0.50	<0.50	<0.50	<0.50	< 0.50					
			W-PSP#1	< 50	< 0.50	<0.50	<0.50	<0.50	< 0.50					
11/17/03	GRS down on arrival. Restarted. Running on departure.													
11/17/03	964,770	0.8												
12/01/03	GRS running on arrival and departure.													
12/01/03	992,510	1.4	W-INF	410	< 250	<250	<250	<250	820	0.176	< 32.0	< 0.049	< 4,849	
			W-INT 1	< 50	< 0.50	<0.50	<0.50	<0.50	4.2					
			W-INT 2	< 50	< 0.50	<0.50	<0.50	<0.50	< 0.50					
			W-PSP#1	< 50	< 0.50	<0.50	<0.50	<0.50	< 0.50					
12/15/03	GRS running on arrival and departure.													
12/15/03	1,021,420	1.4												
12/29/03	GRS running on arrival and departure.													
12/29/03	1,051,220	1.5												
01/12/04	System down on arrival High/High ([H/H] holding tank), transfer pump failure.													
01/12/04	1,062,140	0.5												
01/26/04	System shut down on arrival, replaced transfer pump restarted system. Collected monthly samples.													
01/26/04	1,062,440	0.0	W-INF	300	< 5.0	<5.0	<5.0	<5.0	770	0.207	< 32.2	< 0.074	< 4,923	
			W-INT 1	< 50	< 0.50	<0.50	<0.50	<0.50	5.7					
			W-INT 2	< 50	< 0.50	<0.50	<0.50	<0.50	< 0.50					
			W-PSP#1	< 50	< 0.50	<0.50	<0.50	<0.50	< 0.50					
02/09/04	System down on arrival (H/H holding tank, transfer pump appears to have failed). System shut down on departure.													
02/09/04	1,062,450	0.0												
04/08/05	Started GRS and ran water through system into holding tank (did not 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	
			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					

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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)
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	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	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						

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OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER EXTRACTION AND TREATMENT SYSTEM

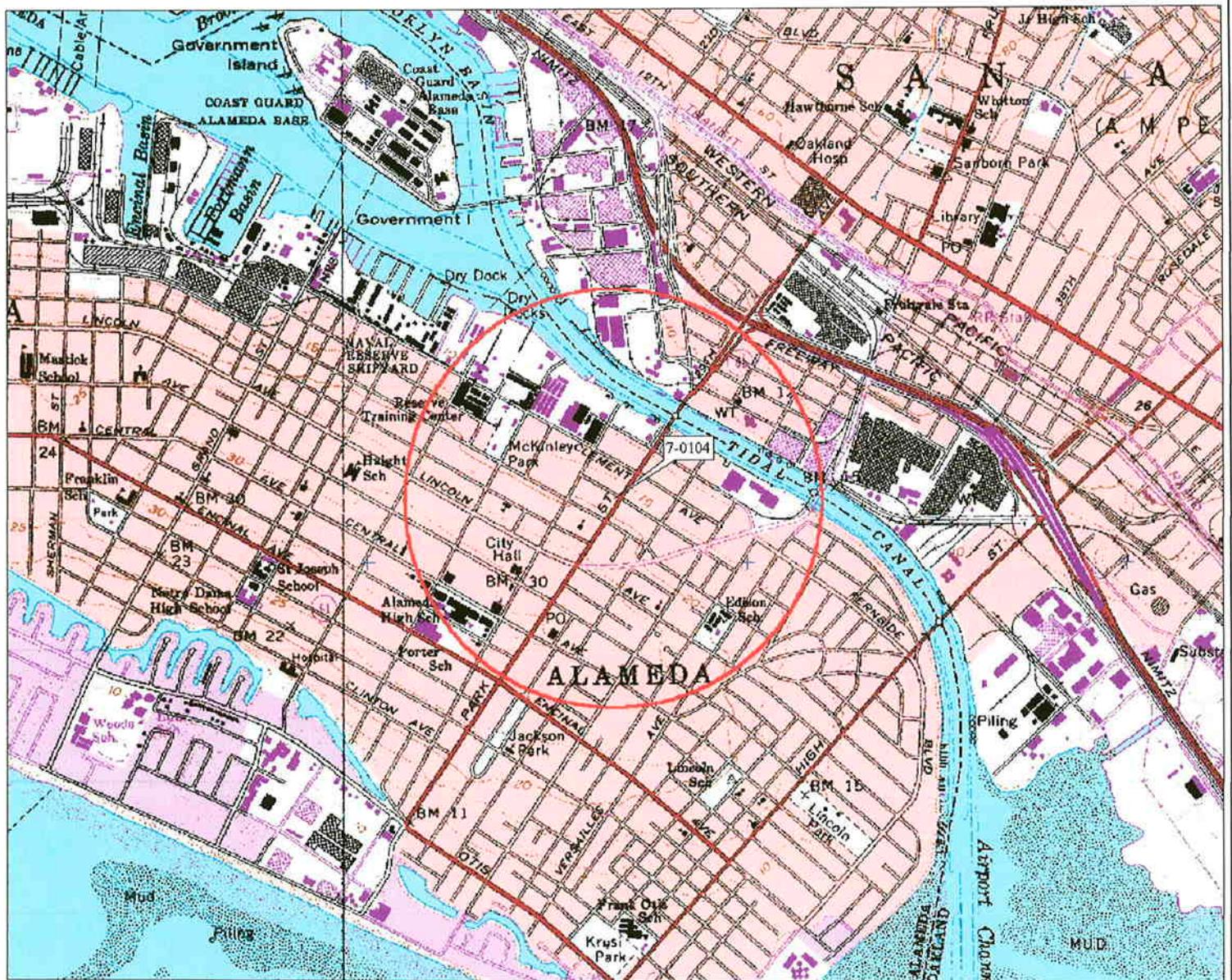
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OPERATION AND PERFORMANCE DATA FOR
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Date	Total Flow (gal)	Average Flowrate (gpm)	Sample ID	TPHg ($\mu\text{g/L}$)	Laboratory Analytical Results				TPHg Removal		Benzene Removal		MTBE Removal		
	B ($\mu\text{g/L}$)	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)							
09/14/07	System running on arrival and running on departure. 3,485,690	0.7	W-INF	120	< 0.50	<0.50	<0.50	<1.0	330	0.494	< 65.3	< 0.0002	< 5.155	0.387	39.215
			W-INT 1	< 50	< 0.50	<0.50	<0.50	<1.0	< 5.0						
			W-INT 2	< 50	< 0.50	<0.50	<0.50	<1.0	< 5.0						
			W-PSP#1	79	< 0.50	<0.50	<0.50	<1.0	< 5.0						
09/21/07	System running on arrival and running on departure. 3,492,210	0.6													
09/28/07	System running on arrival and running on departure. 3,498,950	0.7													
10/02/07	System running on arrival and shut down on departure. 3,502,850	0.7													
10/05/07	System shut down on arrival and running on departure. 3,502,920	0.0													
10/12/07	System running on arrival and running on departure. 3,522,910	2.0	W-INF	1,200	< 5.0	<5.0	<5.0	<10	1,900	0.205	< 65.5	< 0.0009	< 5.156	0.346	39.561
			W-INT 1	< 50	< 0.50	<0.50	<0.50	<1.0	< 5.0						
			W-INT 2	< 50	< 0.50	<0.50	<0.50	<1.0	< 5.0						
			W-PSP#1	< 50	< 0.50	<0.50	<0.50	<1.0	< 5.0						
10/16/07	System running on arrival and running on departure. 3,524,550	0.3													
10/22/07	System running on arrival and running on departure. 3,546,660	2.6													
11/02/07	System running on arrival and running on departure. 3,556,830	0.6													
11/09/07	System running on arrival and running on departure. 3,576,540	2.0	W-INF	550	< 2.5	<2.5	<2.5	<5.0	1,700	0.392	< 65.9	< 0.0017	< 5.158	0.805	40.366
			W-INT 1	< 50	< 0.50	<0.50	<0.50	<1.0	< 5.0						
			W-INT 2	< 50	< 0.50	<0.50	<0.50	<1.0	< 5.0						
			W-PSP#1	< 50	< 0.50	<0.50	<0.50	<1.0	< 5.0						
11/16/07	System running on arrival and running on departure. 3,585,210	0.9													
11/21/07	System running on arrival and running on departure. 3,590,160	0.7													
11/26/07	System down on arrival and running on departure. 3,595,010	0.7													
12/07/07	System running on arrival and running on departure. 3,605,900	0.7	W-INF	250	< 2.5	<2.5	<2.5	<5.0	380	0.098	< 66.0	< 0.0006	< 5.158	0.255	40.621
			W-INT 1	< 50	< 0.50	<0.50	<0.50	<1.0	< 5.0						
			W-INT 2	< 50	< 0.50	<0.50	<0.50	<1.0	< 5.0						
			W-PSP#1	< 50	< 0.50	<0.50	<0.50	<1.0	< 5.0						

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OPERATION AND PERFORMANCE DATA FOR
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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, 8015B, or Method LUFT GCMS.
BTEX	= Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B or 8260B.
MTBE	= Methyl tertiary butyl ether analyzed using EPA Method 8021B or 8260B.
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.
e	= Samples exceeded the EPA recommended temperature for analyses.
f	= Sample analyzed past EPA recommended hold time.



3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME #4096 Source Data: USGS

550 ft Scale: 1 : 19,200 Detail: 13-0 Datum: WGS84

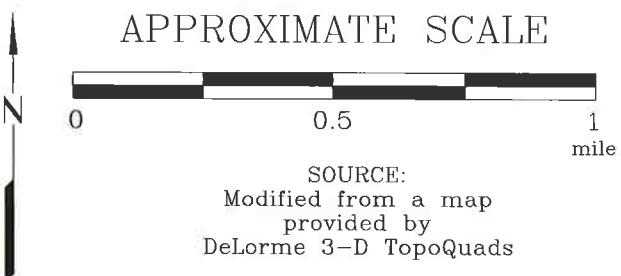
J:\2506\2506lopo.dwg, mkjones

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 70104
1725 Park Street
Alameda, California

PROJECT NO.

2506

PLATE

1

Analyte Concentrations in ug/L
Sampled November 29, 2007

16,000 Total Petroleum Hydrocarbons as gasoline

550 Benzene

28 Methyl Tertiary Butyl Ether (EPA Method 8260B)

110 Tertiary Butyl Alcohol

< Less Than the Stated Laboratory Reporting Limit

ug/L Micrograms per Liter

NS Not sampled

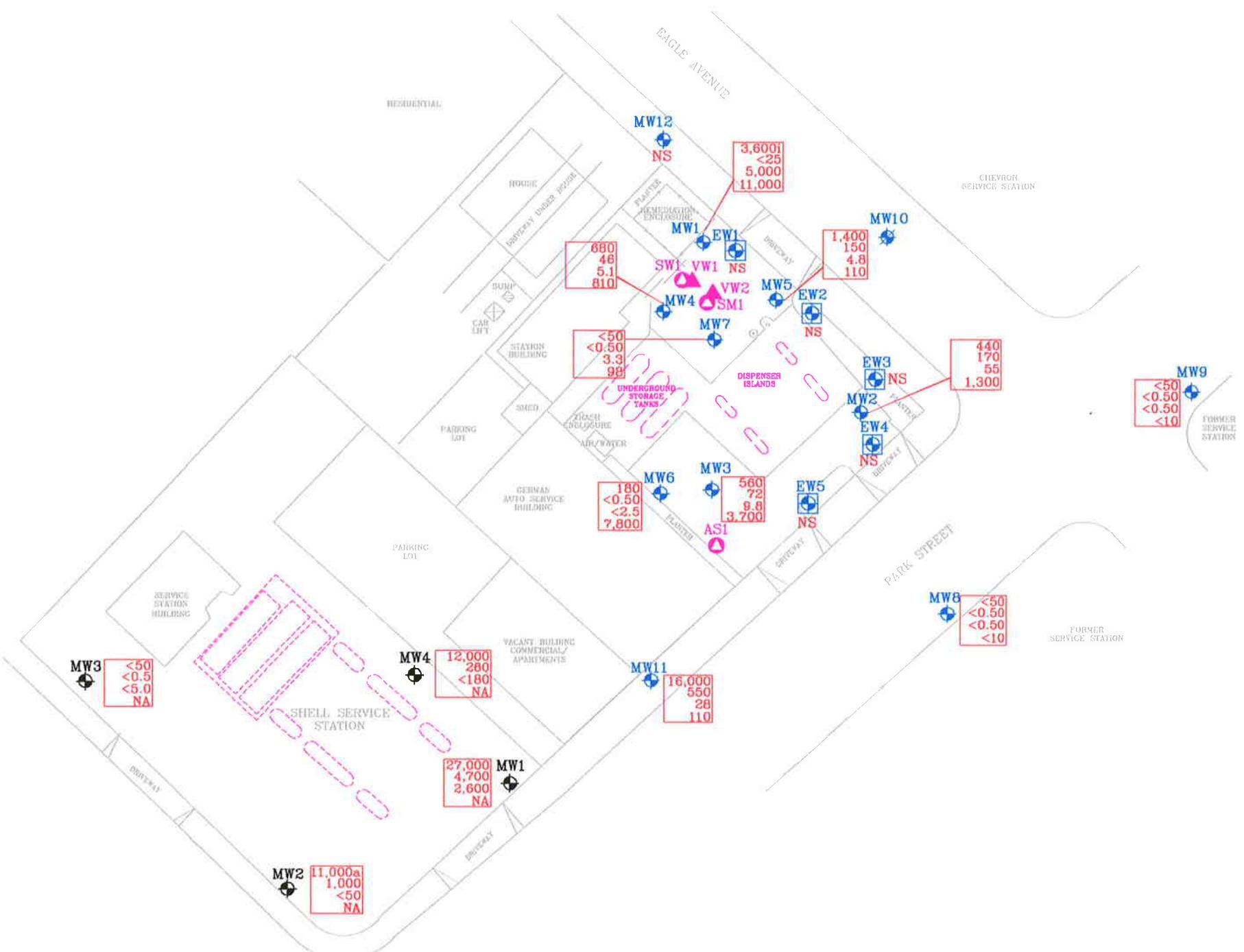
NA Not analyzed

a Lighter than water immiscible sheen/product is present.

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



J:\2506\QM\2007\07 4QTR QM.dwg, mkjones

FN 25060002_QM



SELECT ANALYTICAL RESULTS
November 29, 2007
FORMER
EXXON SERVICE STATION 70104
1725 Park Street
Alameda, California

EXPLANATION

MW11 Groundwater Monitoring Well

EW4 Recovery Well

MW10 Destroyed Groundwater Monitoring Well

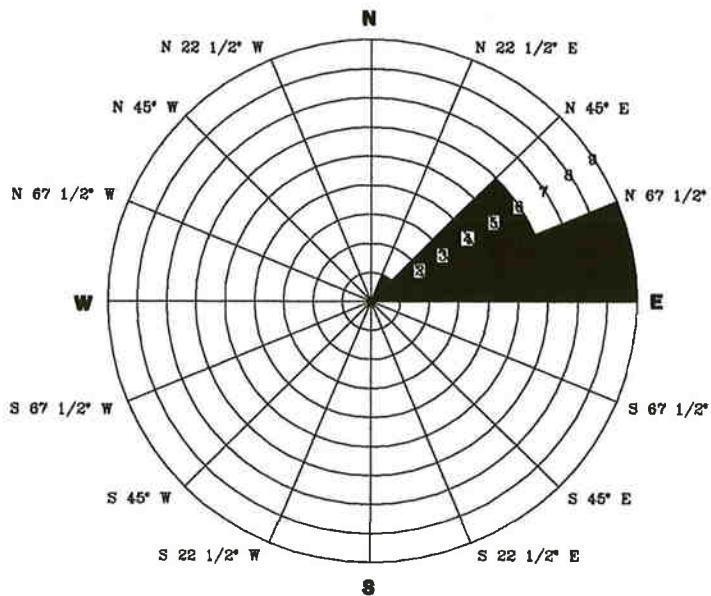
MW4 Groundwater Monitoring Well By Others

VW2 Vapor Extraction Well

AS1 Air Sparge/Soil Vapor Well

PROJECT NO.
2506

PLATE
2

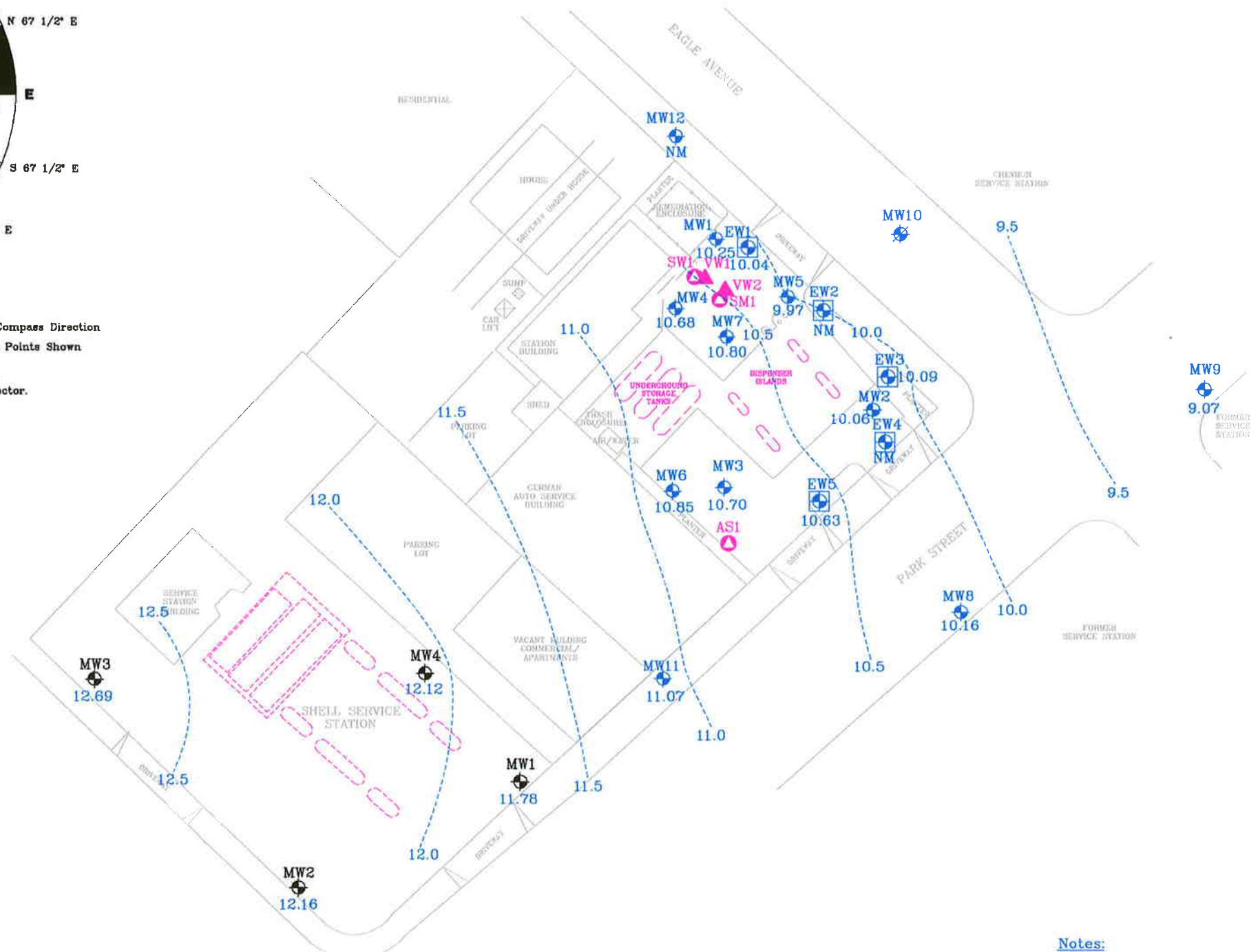


March 1, 2004, through November 29, 2007

N Compass Direction
15 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



J:\2506\QM\2007\07 4QTR QM.dwg, mkjones

FN 25060002_QM

Notes:

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

NM Not Measured

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



GROUNDWATER ELEVATION MAP November 29, 2007

FORMER
EXXON SERVICE STATION 70104
1725 Park Street
Alameda, California

EXPLANATION

- MW11 • Groundwater Monitoring Well
- 11.0 Groundwater elevation in feet; datum is mean sea level
- 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	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
π	=	ratio of the circumference of a circle to its diameter

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

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

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

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
1701 PARK STREET
(P&D ENVIRONMENTAL, NOVEMBER 29, 2007)**

Xtra Oil Company Site
 1701 Park Street
 Alameda, CA

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	11/29/2007	19.60	7.82	11.78
	8/29/2007		8.29	11.31
	5/29/2007		7.44	12.16
	3/12/2007		6.34	13.26
	11/6/2006		7.99	11.61
MW2	11/29/2007	20.31	8.15	12.16
	8/29/2007		8.55	11.76
	5/29/2007		7.79	12.52
	3/12/2007		6.82	13.49
	11/6/2006		8.25	12.06
MW3	11/29/2007	20.57	7.88	12.69
	8/29/2007		8.31	12.26
	5/29/2007		7.26	13.31
	3/12/2007		6.03	14.54
	11/6/2006		8.09	12.48
MW4	11/29/2007	19.69	7.57	12.12
	8/29/2007		8.07	11.62
	5/29/2007		7.38	12.31
	3/12/2007		5.30	14.39
	11/6/2006		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	11/29/2007	ND<250	3,100, b, c	27,000	2,600	4,700	930	770	2,600
	8/29/2007	470	3,900, b, c	26,000	3,200	5,400	1,400	810	3,000
	5/30/2007	ND<250	3300, c	22,000	ND<750	400	380	1,100	3,600
	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	44,000,a	3,900	5,600	2,300	920	3,000
MW2	11/29/2007	11,000	32,000, a,c,d	11,000, a	ND<50	1,000	28	120	31
	8/29/2007	2,600	6,300, a, b, c	8,600, a	ND<100	1,300	36	48	48
	5/30/2007	5,800	22,000, a,c,d	14,000, a	ND<210	2,200	51	100	99
	3/12/2007	21,000	74,000, a, c,d	8,500, a	ND< 80	1,200	34	140	69
	11/6/2006	11,000	45,000, a,c	14,000,a	ND<120	1,400	27	200	37
MW3	11/29/2007	ND<250	ND<50	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	8/29/2007	ND<250	ND<50	ND<50	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	5/30/2007	ND< 250	ND<50	ND<50	ND< 5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	3/12/2007	ND< 250	ND< 50	ND< 50	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	11/29/2007	ND<250	2,800, c	12,000	ND<180	260	230	580	2,500
	8/29/2007	ND<250	560, c	12,000, a	660	910	200	750	2,200
	5/30/2007	610	4,500, c	43,000	3,600	5,800	3,700	1,400	5,400
	3/12/2007	ND< 250	3,100, c	19,000	370	560	450	1,100	4,400
	11/6/2006	850	4,300,c	23,000	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 = Not Detected.

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: unmodified or weakly modified diesel range compounds are significant

ATTACHMENT C

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

14 December, 2007

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

RE: Exxon 7-0104
Work Order: MQL0022

Enclosed are the results of analyses for samples received by the laboratory on 11/30/07 17:25. The samples arrived at a temperature of 4° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tim Rhiney
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

MQL0022
Reported:
12/14/07 15:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
QCBB	MQL0022-01	Water	11/29/07 11:50	11/30/07 17:25
MW1	MQL0022-02	Water	11/29/07 11:02	11/30/07 17:25
MW2	MQL0022-03	Water	11/29/07 12:10	11/30/07 17:25
MW3	MQL0022-04	Water	11/29/07 12:00	11/30/07 17:25
MW4	MQL0022-05	Water	11/29/07 10:45	11/30/07 17:25
MW5	MQL0022-06	Water	11/29/07 11:30	11/30/07 17:25
MW6	MQL0022-07	Water	11/29/07 11:10	11/30/07 17:25
MW7	MQL0022-08	Water	11/29/07 11:45	11/30/07 17:25
MW8	MQL0022-09	Water	11/29/07 08:00	11/30/07 17:25
MW9	MQL0022-10	Water	11/29/07 08:43	11/30/07 17:25
MW11	MQL0022-11	Water	11/29/07 09:25	11/30/07 17:25

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

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

MQL0022
Reported:
 12/14/07 15:03

MW1 (MQL0022-02) Water Sampled: 11/29/07 11:02 Received: 11/30/07 17:25

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	3600	2500	ug/l	50	7L05002	12/05/07	12/05/07	EPA 8015B/8021B	QP
Benzene	ND	25	"	"	"	"	"	"	"
Toluene	ND	25	"	"	"	"	"	"	"
Ethylbenzene	ND	25	"	"	"	"	"	"	"
Xylenes (total)	ND	25	"	"	"	"	"	"	"
Surrogate: <i>a,a,a</i> -Trifluorotoluene	106 %	85-120		"	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	75-125		"	"	"	"	"	"

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	58	47	ug/l	1	7L05003	12/05/07	12/05/07	EPA 8015B-SVOA	Q1
Surrogate: <i>n</i> -Octacosane	80 %	40-120		"	"	"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	50	ug/l	100	7L04012	12/04/07	12/04/07	EPA 8260B	"
tert-Butyl alcohol	11000	1000	"	"	"	"	"	"	"
Di-isopropyl ether	ND	50	"	"	"	"	"	"	"
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	"
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	"
Methyl tert-butyl ether	5000	50	"	"	"	"	"	"	"
Surrogate: Dibromofluoromethane	104 %	75-130		"	"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	110 %	60-150		"	"	"	"	"	"
Surrogate: Toluene-d8	97 %	75-120		"	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	98 %	55-130		"	"	"	"	"	"

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

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

MQL0022
Reported:
 12/14/07 15:03

MW2 (MQL0022-03) Water Sampled: 11/29/07 12:10 Received: 11/30/07 17:25

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	440	250	ug/l	5	7L10005	12/10/07	12/10/07	EPA 8015B/8021B	
Benzene	170	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	2.5	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	103 %		85-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	105 %		75-125		"	"	"	"	

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	89	47	ug/l	1	7L05003	12/05/07	12/05/07	EPA 8015B-SVOA	Q1
Surrogate: <i>n</i> -Octacosane	95 %		40-120		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	7L04012	12/04/07	12/05/07	EPA 8260B	
tert-Butyl alcohol	1300	10	"	"	"	"	"	"	
Di-isopropyl ether	0.66	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	55	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	99 %		75-130		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	106 %		60-150		"	"	"	"	
Surrogate: Toluene-d8	101 %		75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	107 %		55-130		"	"	"	"	

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

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

MLQ0022
 Reported:
 12/14/07 15:03

MW3 (MLQ0022-04) Water Sampled: 11/29/07 12:00 Received: 11/30/07 17:25

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	560	250	ug/l	5	7L10005	12/10/07	12/11/07	EPA 8015B/8021B	
Benzene	72	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	2.5	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		104 %		85-120		"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %		75-125		"	"	"	

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	100	47	ug/l	1	7L05003	12/05/07	12/05/07	EPA 8015B-SVOA	Q1
Surrogate: <i>n</i> -Octacosane		87 %		40-120		"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	1.0	ug/l	2	7L04012	12/04/07	12/05/07	EPA 8260B	
tert-Butyl alcohol	3700	20	"	"	"	"	"	"	
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	9.8	1.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		102 %		75-130		"	"	"	
Surrogate: 1,2-Dichloroethane-d4		108 %		60-150		"	"	"	
Surrogate: Toluene-d8		102 %		75-120		"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %		55-130		"	"	"	

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

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

MLQ0022
Reported:
 12/14/07 15:03

MW4 (MLQ0022-05) Water Sampled: 11/29/07 10:45 Received: 11/30/07 17:25

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	680	250	ug/l	5	7L10005	12/10/07	12/11/07	EPA 8015B/8021B	
Benzene	46	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	6.8	2.5	"	"	"	"	"	"	
Xylenes (total)	4.2	2.5	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	107 %		85-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	116 %		75-125		"	"	"	"	

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	320	47	ug/l	1	7L05003	12/05/07	12/05/07	EPA 8015B-SVOA	Q1
Surrogate: <i>n</i> -Octacosane	85 %		40-120		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	7L04012	12/04/07	12/05/07	EPA 8260B	
tert-Butyl alcohol	810	10	"	"	"	"	"	"	
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	5.1	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	100 %		75-130		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	105 %		60-150		"	"	"	"	
Surrogate: Toluene-d8	102 %		75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	106 %		55-130		"	"	"	"	

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

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

MLQ0022
Reported:
 12/14/07 15:03

MW5 (MLQ0022-06) Water Sampled: 11/29/07 11:30 Received: 11/30/07 17:25

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	1400	500	ug/l	10	7L05002	12/05/07	12/05/07	EPA 8015B/8021B	
Benzene	150	5.0	"	"	"	"	"	"	
Toluene	7.2	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	6.9	5.0	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		100 %		85-120		"	"	"	
Surrogate: 4-Bromofluorobenzene		95 %		75-125		"	"	"	

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	480	47	ug/l	1	7L05003	12/05/07	12/05/07	EPA 8015B-SVOA	Q1
Surrogate: <i>n</i> -Octacosane		91 %		40-120		"	"	"	

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	7L04012	12/04/07	12/05/07	EPA 8260B	
tert-Butyl alcohol	110	10	"	"	"	"	"	"	
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	4.8	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		110 %		75-130		"	"	"	
Surrogate: 1,2-Dichloroethane-d4		103 %		60-150		"	"	"	
Surrogate: Toluene-d8		102 %		75-120		"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %		55-130		"	"	"	

TestAmerica Morgan Hill

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

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

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

MLQ0022
Reported:
 12/14/07 15:03

MW6 (MLQ0022-07) Water Sampled: 11/29/07 11:10 Received: 11/30/07 17:25

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	180	50	ug/l	1	7L05002	12/05/07	12/05/07	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		105 %	85-120						
Surrogate: 4-Bromofluorobenzene		95 %	75-125						

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	ND	47	ug/l	1	7L05003	12/05/07	12/05/07	EPA 8015B-SVOA	
Surrogate: <i>n</i> -Octacosane		83 %	40-120	"	"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	2.5	ug/l	5	7L04012	12/04/07	12/05/07	EPA 8260B	
tert-Butyl alcohol	7800	50	"	"	"	"	"	"	
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	ND	2.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		100 %	75-130	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		102 %	60-150	"	"	"	"	"	
Surrogate: Toluene-d8		99 %	75-120	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97 %	55-130	"	"	"	"	"	

TestAmerica Morgan Hill

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

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

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

MLQ0022
Reported:
 12/14/07 15:03

MW7 (MLQ0022-08) Water Sampled: 11/29/07 11:45 Received: 11/30/07 17:25

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7L05002	12/05/07	12/05/07	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		107 %		85-120		"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %		75-125		"	"	"	

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	ND	47	ug/l	1	7L05003	12/05/07	12/05/07	EPA 8015B-SVOA	
Surrogate: <i>n</i> -Octacosane		85 %		40-120		"	"	"	

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	7L04012	12/04/07	12/05/07	EPA 8260B	
tert-Butyl alcohol	98	10	"	"	"	"	"	"	
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	3.3	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		102 %		75-130		"	"	"	
Surrogate: 1,2-Dichloroethane-d4		99 %		60-150		"	"	"	
Surrogate: Toluene-d8		97 %		75-120		"	"	"	
Surrogate: 4-Bromofluorobenzene		96 %		55-130		"	"	"	

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

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

MQL0022
Reported:
 12/14/07 15:03

MW8 (MQL0022-09) Water Sampled: 11/29/07 08:00 Received: 11/30/07 17:25

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7L05002	12/05/07	12/05/07	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		109 %		85-120		"	"	"	"
Surrogate: 4-Bromofluorobenzene		95 %		75-125		"	"	"	"

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	ND	47	ug/l	1	7L05003	12/05/07	12/05/07	EPA 8015B-SVOA	
Surrogate: <i>n</i> -Octacosane		66 %		40-120		"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	7L04012	12/04/07	12/04/07	EPA 8260B	
tert-Butyl alcohol	ND	10	"	"	"	"	"	"	"
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		101 %		75-130		"	"	"	"
Surrogate: 1,2-Dichloroethane-d4		106 %		60-150		"	"	"	"
Surrogate: Toluene-d8		98 %		75-120		"	"	"	"
Surrogate: 4-Bromofluorobenzene		92 %		55-130		"	"	"	"

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

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

MQL0022
Reported:
 12/14/07 15:03

MW9 (MQL0022-10) Water Sampled: 11/29/07 08:43 Received: 11/30/07 17:25

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7L05002	12/05/07	12/05/07	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-Trifluorotoluene</i>		112 %	85-120		"	"	"	"	"
Surrogate: 4-Bromofluorobenzene		92 %	75-125		"	"	"	"	"

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	ND	47	ug/l	1	7L05003	12/05/07	12/05/07	EPA 8015B-SVOA	
Surrogate: <i>n</i> -Octacosane		63 %	40-120		"	"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	7L04012	12/04/07	12/05/07	EPA 8260B	
tert-Butyl alcohol	ND	10	"	"	"	"	"	"	"
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		98 %	75-130		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4		102 %	60-150		"	"	"	"	"
Surrogate: Toluene-d8		98 %	75-120		"	"	"	"	"
Surrogate: 4-Bromofluorobenzene		94 %	55-130		"	"	"	"	"

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

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

MQL0022
Reported:
 12/14/07 15:03

MW11 (MQL0022-11) Water Sampled: 11/29/07 09:25 Received: 11/30/07 17:25

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	16000	5000	ug/l	100	7L05002	12/05/07	12/05/07	EPA 8015B/8021B	
Benzene	550	50	"	"	"	"	"	"	
Toluene	160	50	"	"	"	"	"	"	
Ethylbenzene	750	50	"	"	"	"	"	"	
Xylenes (total)	2600	50	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	102 %		85-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	95 %		75-125		"	"	"	"	

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	1400	47	ug/l	1	7L05003	12/05/07	12/05/07	EPA 8015B-SVOA	Q1
Surrogate: <i>n</i> -Octacosane	72 %		40-120		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	7L04012	12/04/07	12/05/07	EPA 8260B	
tert-Butyl alcohol	110	10	"	"	"	"	"	"	
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	28	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	99 %		75-130		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	104 %		60-150		"	"	"	"	
Surrogate: Toluene-d8	102 %		75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	105 %		55-130		"	"	"	"	

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

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

MQL0022
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 12/14/07 15:03

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

TestAmerica Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD RPD	Limit	Notes
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Batch 7L05002 - EPA 5030B [P/T]

Blank (7L05002-BLK1)

Prepared & Analyzed: 12/05/07

Gasoline Range Organics (C4-C12)	ND	25	ug/l							
Benzene	ND	0.28	"							
Toluene	ND	0.25	"							
Ethylbenzene	ND	0.25	"							
Xylenes (total)	ND	0.37	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	84.8		"	80.0		106	85-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	75.5		"	80.0		94	75-125			

LCS (7L05002-BS1)

Prepared & Analyzed: 12/05/07

Benzene	9.99	0.50	ug/l	10.0		100	70-130			
Toluene	10.2	0.50	"	10.0		102	70-130			
Ethylbenzene	9.91	0.50	"	10.0		99	70-130			
Xylenes (total)	30.7	0.50	"	30.0		102	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	84.1		"	80.0		105	85-120			

LCS (7L05002-BS2)

Prepared & Analyzed: 12/05/07

Gasoline Range Organics (C4-C12)	219	50	ug/l	275		80	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	76.9		"	80.0		96	75-125			

LCS Dup (7L05002-BSD2)

Prepared & Analyzed: 12/05/07

Gasoline Range Organics (C4-C12)	214	50	ug/l	275		78	70-130	2	25	
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<i>Surrogate: 4-Bromofluorobenzene</i>	77.2		"	80.0		97	75-125			
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Matrix Spike (7L05002-MS1)

Source: MQL0022-09 Prepared & Analyzed: 12/05/07

Gasoline Range Organics (C4-C12)	98.2	50	ug/l	91.0	ND	108	70-130			
Benzene	10.5	0.50	"	10.0	ND	105	70-130			
Toluene	10.5	0.50	"	10.0	ND	105	70-130			
Ethylbenzene	10.3	0.50	"	10.0	ND	103	70-130			
Xylenes (total)	31.8	0.50	"	30.0	ND	106	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	86.0		"	80.0		107	85-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	81.3		"	80.0		102	75-125			

TestAmerica Morgan Hill

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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

MQL0022
Reported:
 12/14/07 15:03

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

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L05002 - EPA 5030B [P/T]

Matrix Spike Dup (7L05002-MSD1)	Source: MQL0022-09			Prepared & Analyzed: 12/05/07						
Gasoline Range Organics (C4-C12)	89.2	50	ug/l	91.0	ND	98	70-130	10	25	
Benzene	10.1	0.50	"	10.0	ND	101	70-130	5	25	
Toluene	10.1	0.50	"	10.0	ND	101	70-130	5	25	
Ethylbenzene	9.86	0.50	"	10.0	ND	99	70-130	4	25	
Xylenes (total)	30.7	0.50	"	30.0	ND	102	70-130	3	25	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	85.8		"	80.0		107	85-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	78.3		"	80.0		98	75-125			

Batch 7L10005 - EPA 5030B [P/T]

Blank (7L10005-BLK1)	Prepared & Analyzed: 12/10/07					
Gasoline Range Organics (C4-C12)	ND	25	ug/l			
Benzene	ND	0.28	"			
Toluene	ND	0.25	"			
Ethylbenzene	ND	0.25	"			
Xylenes (total)	ND	0.37	"			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	44.5		"	40.0	111	85-120
<i>Surrogate: 4-Bromofluorobenzene</i>	38.5		"	40.0	96	75-125

LCS (7L10005-BS1)

LCS (7L10005-BS1)	Prepared & Analyzed: 12/10/07					
Benzene	10.6	0.50	ug/l	10.0	106	70-130
Toluene	10.8	0.50	"	10.0	108	70-130
Ethylbenzene	10.9	0.50	"	10.0	109	70-130
Xylenes (total)	31.3	0.50	"	30.0	104	70-130
<i>Surrogate: a,a,a-Trifluorotoluene</i>	43.6		"	40.0	109	85-120

LCS (7L10005-BS2)

LCS (7L10005-BS2)	Prepared & Analyzed: 12/10/07					
Gasoline Range Organics (C4-C12)	251	50	ug/l	275	91	70-130
<i>Surrogate: 4-Bromofluorobenzene</i>	41.2		"	40.0	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

MQL0022
Reported:
12/14/07 15:03

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

TestAmerica Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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Batch 7L10005 - EPA 5030B [P/T]

LCS Dup (7L10005-BSD2)

Prepared & Analyzed: 12/10/07

Gasoline Range Organics (C4-C12)	248	50	ug/l	275	90	70-130	1	25
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Surrogate: 4-Bromo fluoro benzene

Source: MQL0023-12 Prepared & Analyzed: 12/10/07

Gasoline Range Organics (C4-C12)	41.2	"	"	40.0	103	75-125		
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Matrix Spike (7L10005-MS1)

Source: MQL0023-12 Prepared & Analyzed: 12/10/07

Gasoline Range Organics (C4-C12)	99.0	50	ug/l	91.0	ND	109	70-130		
Benzene	10.7	0.50	"	10.0	ND	107	70-130		
Toluene	10.8	0.50	"	10.0	ND	108	70-130		
Ethylbenzene	11.0	0.50	"	10.0	ND	110	70-130		
Xylenes (total)	32.8	0.50	"	30.0	ND	109	70-130		

Surrogate: a,a,a-Trifluorotoluene

Source: MQL0023-12 Prepared & Analyzed: 12/10/07

Surrogate: 4-Bromo fluoro benzene	44.0	"	"	40.0	110	85-120		
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Matrix Spike Dup (7L10005-MSD1)

Source: MQL0023-12 Prepared & Analyzed: 12/10/07

Gasoline Range Organics (C4-C12)	94.8	50	ug/l	91.0	ND	104	70-130	4	25
Benzene	10.2	0.50	"	10.0	ND	102	70-130	5	25
Toluene	10.4	0.50	"	10.0	ND	104	70-130	4	25
Ethylbenzene	10.6	0.50	"	10.0	ND	106	70-130	4	25
Xylenes (total)	31.3	0.50	"	30.0	ND	104	70-130	5	25

Surrogate: a,a,a-Trifluorotoluene

Source: MQL0023-12 Prepared & Analyzed: 12/10/07

Surrogate: 4-Bromo fluoro benzene	39.0	"	"	40.0	97	75-125		
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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

MLQ0022
Reported:
12/14/07 15:03

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

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
Batch 7L05003 - EPA 3510C										
Blank (7L05003-BLK1) Prepared: 12/05/07 Analyzed: 12/06/07										
Diesel Range Organics (C10-C28)	ND	25	ug/l							
Surrogate: n-Octacosane	36.5	"		50.0		73	40-120			C8
LCS (7L05003-BS1) Prepared: 12/05/07 Analyzed: 12/06/07										
Diesel Range Organics (C10-C28)	344	50	ug/l	500		69	20-120			
Surrogate: n-Octacosane	34.0	"		50.0		68	40-120			C8
LCS Dup (7L05003-BSD1) Prepared: 12/05/07 Analyzed: 12/06/07										
Diesel Range Organics (C10-C28)	329	50	ug/l	500		66	20-120	4	25	
Surrogate: n-Octacosane	32.5	"		50.0		65	40-120			C8

Environmental Resolutions (Exxon)
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Project: Exxon 7-0104
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MLQ0022
Reported:
 12/14/07 15:03

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

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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Batch 7L04012 - EPA 5030B P/T

Blank (7L04012-BLK1) Prepared & Analyzed: 12/04/07

tert-Amyl methyl ether	ND	0.25	ug/l							
tert-Amyl methyl ether	ND	0.25	"							
tert-Butyl alcohol	ND	5	"							
tert-Butyl alcohol	ND	5	"							
Di-isopropyl ether	ND	0.25	"							
Di-isopropyl ether	ND	0.25	"							
1,2-Dibromoethane (EDB)	ND	0.25	"							
1,2-Dibromoethane (EDB)	ND	0.25	"							
1,2-Dichloroethane	ND	0.25	"							
1,2-Dichloroethane	ND	0.25	"							
Ethanol	ND	50	"							
Ethyl tert-butyl ether	ND	0.40	"							
Ethyl tert-butyl ether	ND	0.40	"							
Methyl tert-butyl ether	ND	0.25	"							
Methyl tert-butyl ether	ND	0.25	"							
<i>Surrogate: Dibromofluoromethane</i>	2.55	"	2.50		102	75-130				
<i>Surrogate: Dibromofluoromethane</i>	2.55	"	2.50		102	75-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.72	"	2.50		109	60-150				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.72	"	2.50		109	60-150				
<i>Surrogate: Toluene-d8</i>	2.53	"	2.50		101	75-120				
<i>Surrogate: Toluene-d8</i>	2.53	"	2.50		101	75-120				
<i>Surrogate: 4-Bromofluorobenzene</i>	2.38	"	2.50		95	55-130				
<i>Surrogate: 4-Bromofluorobenzene</i>	2.38	"	2.50		95	55-130				

LCS (7L04012-BS1) Prepared & Analyzed: 12/04/07

tert-Amyl methyl ether	11.2	0.50	ug/l	10.0	112	70-130
tert-Amyl methyl ether	11.2	0.50	"	10.0	112	70-130
tert-Butyl alcohol	216	10	"	200	108	70-130
tert-Butyl alcohol	216	10	"	200	108	70-130
Di-isopropyl ether	9.95	0.50	"	10.0	100	70-130
Di-isopropyl ether	9.95	0.50	"	10.0	100	70-130

TestAmerica Morgan Hill

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

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

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

MLQ0022
Reported:
 12/14/07 15:03

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Notes
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Batch 7L04012 - EPA 5030B P/T

LCS (7L04012-BS1)							Prepared & Analyzed: 12/04/07			
1,2-Dibromoethane (EDB)	11.2	0.50	ug/l	10.0		112	70-130			
1,2-Dibromoethane (EDB)	11.2	0.50	"	10.0		112	70-130			
1,2-Dichloroethane	10.7	0.50	"	10.0		107	70-130			
1,2-Dichloroethane	10.7	0.50	"	10.0		107	70-130			
Ethanol	218	100	"	200		109	70-130			
Ethyl tert-butyl ether	10.9	0.50	"	10.0		109	70-130			
Ethyl tert-butyl ether	10.9	0.50	"	10.0		109	70-130			
Methyl tert-butyl ether	11.1	0.50	"	10.0		111	70-130			
Methyl tert-butyl ether	11.1	0.50	"	10.0		111	70-130			
<i>Surrogate: Dibromofluoromethane</i>	2.58		"	2.50		103	75-130			
<i>Surrogate: Dibromofluoromethane</i>	2.58		"	2.50		103	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.64		"	2.50		106	60-150			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.64		"	2.50		106	60-150			
<i>Surrogate: Toluene-d8</i>	2.53		"	2.50		101	75-120			
<i>Surrogate: Toluene-d8</i>	2.53		"	2.50		101	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.59		"	2.50		104	55-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.59		"	2.50		104	55-130			

Matrix Spike (7L04012-MS1)							Source: MQL0022-09 Prepared & Analyzed: 12/04/07			
tert-Amyl methyl ether	10.4	0.50	ug/l	10.0	ND	104	70-130			
tert-Amyl methyl ether	10.4	0.50	"	10.0	ND	104	70-130			
tert-Butyl alcohol	211	10	"	200	ND	106	70-130			
tert-Butyl alcohol	211	10	"	200	ND	106	70-130			
Di-isopropyl ether	9.53	0.50	"	10.0	ND	95	70-130			
Di-isopropyl ether	9.53	0.50	"	10.0	ND	95	70-130			
1,2-Dibromoethane (EDB)	10.2	0.50	"	10.0	ND	102	70-130			
1,2-Dibromoethane (EDB)	10.2	0.50	"	10.0	ND	102	70-130			
1,2-Dichloroethane	10.4	0.50	"	10.0	ND	104	70-130			
1,2-Dichloroethane	10.4	0.50	"	10.0	ND	104	70-130			
Ethanol	249	100	"	200	ND	124	70-130			
Ethyl tert-butyl ether	10.4	0.50	"	10.0	ND	104	70-130			

TestAmerica Morgan Hill

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THE LEADER IN ENVIRONMENTAL TESTING

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

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

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

MLQ0022
Reported:
 12/14/07 15:03

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

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L04012 - EPA 5030B P/T

Matrix Spike (7L04012-MS1)	Source: MQL0022-09		Prepared & Analyzed: 12/04/07							
Ethyl tert-butyl ether	10.4	0.50	ug/l	10.0	ND	104	70-130			
Methyl tert-butyl ether	10.2	0.50	"	10.0	ND	102	70-130			
Methyl tert-butyl ether	10.2	0.50	"	10.0	ND	102	70-130			
<i>Surrogate: Dibromoformmethane</i>	2.60		"	2.50		104	75-130			
<i>Surrogate: Dibromoformmethane</i>	2.60		"	2.50		104	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.60		"	2.50		104	60-150			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.60		"	2.50		104	60-150			
<i>Surrogate: Toluene-d8</i>	2.51		"	2.50		100	75-120			
<i>Surrogate: Toluene-d8</i>	2.51		"	2.50		100	75-120			
<i>Surrogate: 4-Bromoformbenzene</i>	2.59		"	2.50		104	55-130			
<i>Surrogate: 4-Bromoformbenzene</i>	2.59		"	2.50		104	55-130			
Matrix Spike Dup (7L04012-MSD1)	Source: MQL0022-09		Prepared & Analyzed: 12/04/07							
tert-Amyl methyl ether	10.8	0.50	ug/l	10.0	ND	108	70-130	5	25	
tert-Amyl methyl ether	10.8	0.50	"	10.0	ND	108	70-130	5	25	
tert-Butyl alcohol	216	10	"	200	ND	108	70-130	2	25	
tert-Butyl alcohol	216	10	"	200	ND	108	70-130	2	25	
Di-isopropyl ether	10.0	0.50	"	10.0	ND	100	70-130	5	25	
Di-isopropyl ether	10.0	0.50	"	10.0	ND	100	70-130	5	25	
1,2-Dibromoethane (EDB)	10.6	0.50	"	10.0	ND	106	70-130	4	25	
1,2-Dibromoethane (EDB)	10.6	0.50	"	10.0	ND	106	70-130	4	25	
1,2-Dichloroethane	10.7	0.50	"	10.0	ND	107	70-130	2	25	
1,2-Dichloroethane	10.7	0.50	"	10.0	ND	107	70-130	2	25	
Ethanol	265	100	"	200	ND	132	70-130	6	25	M7
Ethyl tert-butyl ether	10.8	0.50	"	10.0	ND	108	70-130	4	25	
Ethyl tert-butyl ether	10.8	0.50	"	10.0	ND	108	70-130	4	25	
Methyl tert-butyl ether	10.6	0.50	"	10.0	ND	106	70-130	5	25	
Methyl tert-butyl ether	10.6	0.50	"	10.0	ND	106	70-130	5	25	
<i>Surrogate: Dibromoformmethane</i>	2.64		"	2.50		106	75-130			
<i>Surrogate: Dibromoformmethane</i>	2.64		"	2.50		106	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.66		"	2.50		106	60-150			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.66		"	2.50		106	60-150			

TestAmerica Morgan Hill

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

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

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

MQL0022
Reported:
12/14/07 15:03

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

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L04012 - EPA 5030B P/T

Matrix Spike Dup (7L04012-MSD1)	Source: MQL0022-09	Prepared & Analyzed: 12/04/07								
Surrogate: Toluene-d8	2.54		ug/l	2.50		102	75-120			
Surrogate: Toluene-d8	2.54		"	2.50		102	75-120			
Surrogate: 4-Bromofluorobenzene	2.58		"	2.50		103	55-130			
Surrogate: 4-Bromofluorobenzene	2.58		"	2.50		103	55-130			

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

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

MQL0022
Reported:
12/14/07 15:03

Notes and Definitions

QP	Hydrocarbon result partly due to individual peak(s) in quantitation range.
Q1	Does not match typical pattern
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
C8	Calibration Verification recovery was above the method control limit for this analyte. A high bias may be indicated.
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



408-776-9600

Morgan Hill Division

885 Jarvis Drive

Morgan Hill, CA 95037

ExxonMobilShipping Method: Lab Courier Hand Deliver Commercial Express Other:

CHAIN OF CUSTODY RECORD

Page 1 of 1

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 ADAMAHSampler Signature: Lynx Adamah

ExxonMobil Engineer Jennifer Sedlachek

Telephone Number (510) 547-8196

Account #: 10228

PO #: 4508210371

Facility ID # 7-0104

Global ID# T0600100555

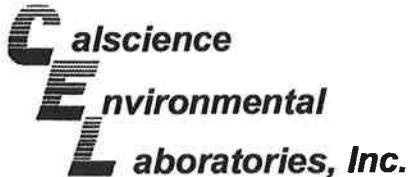
Site Address 1725 Park Street

City, State Zip Alameda, California

TAT		PROVIDE: EDF Report	Special Instructions:				Matrix	Analyze For:								
			<input type="checkbox"/> 24 hour	<input type="checkbox"/> 72 hour	<input type="checkbox"/> 48 hour	<input type="checkbox"/> 96 hour		<input checked="" type="checkbox"/> 8 day	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"				<input type="checkbox"/> Water	<input type="checkbox"/> Soil	<input type="checkbox"/> Vapor	<input type="checkbox"/> TPHd 8015B	☐ TPHg 8015B	☐ BTEX 8021B	☐ 7 CA Oxys 8260B	☐ Ethanol 8260B
01	QCBB		11/29/07	1450				HCL	2	X		H	O	L	D	
02	MW1			1102				HCL/none	6/2	X		X	X	X	X	
03	MW2				1210			HCL/none	6/2	X		X	X	X	X	
04	MW3				1200			HCL/none	6/2	X		X	X	X	X	
05	MW4				1045			HCL/none	6/2	X		X	X	X	X	
06	MW5				1130			HCL/none	6/2	X		X	X	X	X	
07	MW6				1140			HCL/none	6/2	X		X	X	X	X	
08	MW7				1145			HCL/none	6/2	X		X	X	X	X	
09	MW8				800			HCL/none	6/2	X		X	X	X	X	
10	MW9				843			HCL/none	6/2	X		X	X	X	X	
11	MW11				925			HCL/none	6/2	X		X	X	X	X	
12	J.N. 11/30/07															
	Relinquished by: <u>Lynx Adamah</u>	Date 11/29/07	Time 1430	Received by: <u>J.D.M. (JAMM)</u>	Time 1145											Laboratory Comments:
	Relinquished by: <u>Mark M</u>	Date 11-30-07	Time 1725	Received by TestAmerica: <u>Y</u>	Time 1725											Temperature Upon Receipt: 21.4° Sample Containers Intact? Y VOAs Free of Headspace? Y

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME:	E.P.I.		DATE REC'D AT LAB:	11/30/07		For Regulatory Purposes?		
REC. BY (PRINT)	D.J.		TIME REC'D AT LAB:	1725		<input type="checkbox"/> DRINKING WATER		
WORKORDER:	MQL002Z		DATE LOGGED IN:	12/03/07		<input checked="" type="checkbox"/> WASTE WATER		
<input checked="" type="checkbox"/> OTHER								
CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / <input checked="" type="radio"/> Absent Intact / Broken*								
2. Chain-of-Custody <input checked="" type="radio"/> Present / Absent*								
3. Traffic Reports or Packing List: Present / <input checked="" type="radio"/> Absent								
4. Airbill: Airbill / Sticker Present / <input checked="" type="radio"/> Absent								
5. Airbill #:								
6. Sample Labels: <input checked="" type="radio"/> Present / Absent								
7. Sample IDs: <input checked="" type="radio"/> Listed / 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 / No*								
10. Sample received within hold time? <input checked="" type="radio"/> Yes / No*								
11. Adequate sample volume received? <input checked="" type="radio"/> Yes / No*								
12. Proper preservatives used? <input checked="" type="radio"/> Yes / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) <input checked="" type="radio"/> Yes / No*								
14. Read Temp: Correction Factor: Corrected Temp: Is corrected temp. 0-6°C? **Exception (if any): Metals / Perchlorate DFF on Ice or Problem COC	5.4°							
<i>See 11/30/07 D</i> <i>*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.</i>								



October 23, 2007

Paula Sime
Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Subject: **Calscience Work Order No.: 07-10-1052**
Client Reference: **ExxonMobil 7-0104**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/13/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

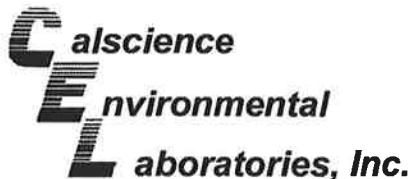
Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink that reads "Cecile L deGuia".

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager



Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 10/13/07
Work Order No: 07-10-1052
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ExxonMobil 7-0104

Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
W-PSP-1	07-10-1052-1	10/12/07	Aqueous	GC 1	10/15/07	10/15/07	071015B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	106	38-134			

W-INT 2	07-10-1052-2	10/12/07	Aqueous	GC 1	10/15/07	10/15/07	071015B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	106	38-134			

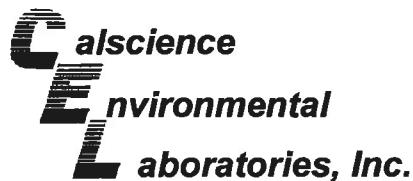
W-INT 1	07-10-1052-3	10/12/07	Aqueous	GC 1	10/15/07	10/15/07	071015B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	106	38-134			

W-INF	07-10-1052-4	10/12/07	Aqueous	GC 1	10/15/07	10/15/07	071015B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	1200	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	106	38-134			

 RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 10/13/07
Work Order No: 07-10-1052
Preparation: EPA 5030B
Method: EPA 8015B (M)

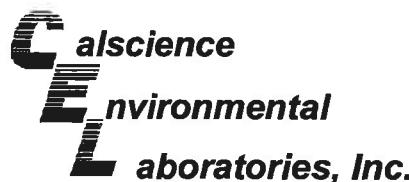
Project: ExxonMobil 7-0104

Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-436-1,024	N/A	Aqueous	GC 1	10/15/07	10/15/07	071015B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	103	38-134			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 10/13/07
Work Order No: 07-10-1052
Preparation: EPA 5030B
Method: EPA 8021B
Units: ug/L

Project: ExxonMobil 7-0104

Page 1 of 2

Client Sample Number	Lab Sample Number			Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
W-PSP-1		07-10-1052-1		10/12/07	Aqueous	GC 8	10/16/07	10/16/07	071016B01
Parameter	Result	RL	DF	Qual	Parameter		Result	RL	DF
Benzene	ND	0.50	1		Xylenes (total)		ND	1.0	1
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)		ND	5.0	1
Ethylbenzene	ND	0.50	1						
Surrogates:	REC (%)	Control		Qual					
1,4-Bromofluorobenzene	95	70-130							
W-INT 2		07-10-1052-2		10/12/07	Aqueous	GC 8	10/16/07	10/16/07	071016B01
Parameter	Result	RL	DF	Qual	Parameter		Result	RL	DF
Benzene	ND	0.50	1		Xylenes (total)		ND	1.0	1
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)		ND	5.0	1
Ethylbenzene	ND	0.50	1						
Surrogates:	REC (%)	Control		Qual					
1,4-Bromofluorobenzene	96	70-130							
W-INT 1		07-10-1052-3		10/12/07	Aqueous	GC 8	10/16/07	10/16/07	071016B01
Parameter	Result	RL	DF	Qual	Parameter		Result	RL	DF
Benzene	ND	0.50	1		Xylenes (total)		ND	1.0	1
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)		ND	5.0	1
Ethylbenzene	ND	0.50	1						
Surrogates:	REC (%)	Control		Qual					
1,4-Bromofluorobenzene	99	70-130							
W-INF		07-10-1052-4		10/12/07	Aqueous	GC 8	10/18/07	10/18/07	071018B01
Parameter	Result	RL	DF	Qual	Parameter		Result	RL	DF
Benzene	ND	5.0	10		Xylenes (total)		ND	10	10
Toluene	ND	5.0	10		Methyl-t-Butyl Ether (MTBE)		1900	50	10
Ethylbenzene	ND	5.0	10						
Surrogates:	REC (%)	Control		Qual					
1,4-Bromofluorobenzene	95	70-130							
Method Blank		099-12-283-250		N/A	Aqueous	GC 8	10/16/07	10/16/07	071016B01
Parameter	Result	RL	DF	Qual	Parameter		Result	RL	DF
Benzene	ND	0.50	1		Xylenes (total)		ND	1.0	1
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)		ND	5.0	1
Ethylbenzene	ND	0.50	1						
Surrogates:	REC (%)	Control		Qual					
1,4-Bromofluorobenzene	102	70-130							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

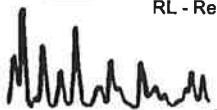
Date Received: 10/13/07
Work Order No: 07-10-1052
Preparation: EPA 5030B
Method: EPA 8021B
Units: ug/L

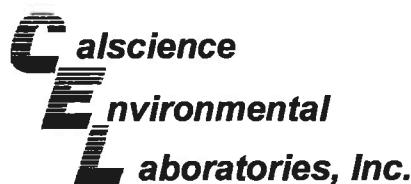
Project: ExxonMobil 7-0104

Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID		
Method Blank	099-12-283-253	N/A	Aqueous	GC 8	10/18/07	10/18/07	071018B01		
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1						
Surrogates:	REC (%)	Control		Qual					
1,4-Bromofluorobenzene	101	70-130							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Quality Control - Spike/Spike Duplicate

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 10/13/07
Work Order No: 07-10-1052
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project ExxonMobil 7-0104

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-10-1051-2	Aqueous	GC 1	10/15/07	10/15/07	071015S01

<u>Parameter</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
TPH as Gasoline	99	95	68-122	4	0-18	

RPD - Relative Percent Difference , CL - Control Limit



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Quality Control - Spike/Spike Duplicate

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Petaluma, CA 94954-2312

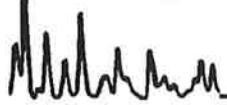
Date Received: 10/13/07
Work Order No: 07-10-1052
Preparation: EPA 5030B
Method: EPA 8021B

Project ExxonMobil 7-0104

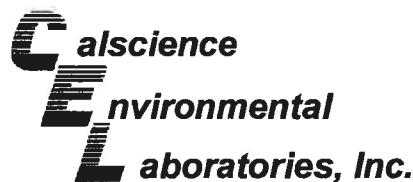
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-10-1051-1	Aqueous	GC 8	10/16/07	10/16/07	071016S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	86	89	57-129	3	0-23	
Toluene	78	81	50-134	4	0-26	
Ethylbenzene	77	80	58-130	3	0-26	
p/m-Xylene	78	81	58-130	4	0-28	
o-Xylene	76	79	57-123	4	0-26	
Methyl-t-Butyl Ether (MTBE)	91	92	44-134	1	0-27	

RPD - Relative Percent Difference , CL - Control Limit



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Quality Control - Spike/Spike Duplicate

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Date Received: 10/13/07
Work Order No: 07-10-1052
Preparation: EPA 5030B
Method: EPA 8021B

Project ExxonMobil 7-0104

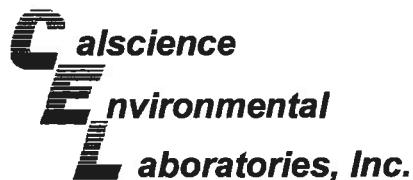
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-10-1049-3	Aqueous	GC 8	10/18/07	10/18/07	071018S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	103	57-129	9	0-23	
Toluene	93	92	50-134	1	0-26	
Ethylbenzene	92	92	58-130	0	0-26	
p/m-Xylene	92	90	58-130	2	0-28	
o-Xylene	90	88	57-123	2	0-26	
Methyl-t-Butyl Ether (MTBE)	90	106	44-134	17	0-27	

RPD - Relative Percent Difference , CL - Control Limit



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Quality Control - LCS/LCS Duplicate

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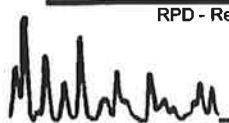
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Work Order No: 07-10-1052
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ExxonMobil 7-0104

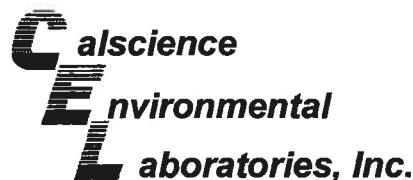
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-1,024	Aqueous	GC 1	10/15/07	10/15/07	071015B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	100	97	78-120	3	0-10	

RPD - Relative Percent Difference , CL - Control Limit



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Quality Control - LCS/LCS Duplicate

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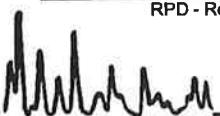
Date Received: N/A
Work Order No: 07-10-1052
Preparation: EPA 5030B
Method: EPA 8021B

Project: ExxonMobil 7-0104

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-283-250	Aqueous	GC 8	10/16/07	10/16/07	071016B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	89	84	70-118	6	0-9	
Toluene	81	76	66-114	6	0-9	
Ethylbenzene	79	75	72-114	5	0-9	
p/m-Xylene	81	76	74-116	5	0-9	
o-Xylene	78	74	72-114	6	0-9	
Methyl-t-Butyl Ether (MTBE)	93	87	41-137	7	0-13	

RPD - Relative Percent Difference , CL - Control Limit

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Calscience**E nvironmental
L aboratories, Inc.****Quality Control - LCS/LCS Duplicate**

Environmental Resolutions, Inc.
 601 North McDowell Blvd.
 Petaluma, CA 94954-2312

Date Received: N/A
 Work Order No: 07-10-1052
 Preparation: EPA 5030B
 Method: EPA 8021B

Project: ExxonMobil 7-0104

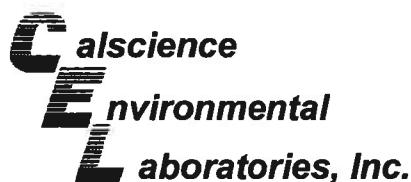
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-283-253	Aqueous	GC 8	10/18/07	10/18/07	071018B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	105	70-118	6	0-9	
Toluene	98	93	66-114	5	0-9	
Ethylbenzene	100	94	72-114	7	0-9	
p/m-Xylene	99	93	74-116	6	0-9	
o-Xylene	99	91	72-114	9	0-9	
Methyl-t-Butyl Ether (MTBE)	95	108	41-137	13	0-13	

RPD - Relative Percent Difference , CL - Control Limit



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Glossary of Terms and Qualifiers

Work Order Number: 07-10-1052

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
I	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



WORK ORDER #: 07 - 1 0 - 1 0 5 2

Cooler 1 of 1

SAMPLE RECEIPT FORMCLIENT: ERIDATE: 10/13/07**TEMPERATURE – SAMPLES RECEIVED BY:****CALSCIENCE COURIER:**

- Chilled, cooler with temperature blank provided.
- Chilled, cooler without temperature blank.
- Chilled and placed in cooler with wet ice.
- Ambient and placed in cooler with wet ice.
- Ambient temperature.
- °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- °C Temperature blank.
- 3.2 °C IR thermometer.
- Ambient temperature.

Initial: HJ**CUSTODY SEAL INTACT:**

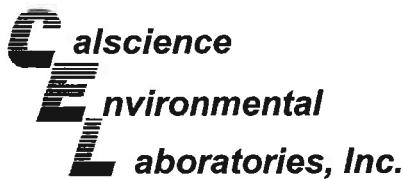
Sample(s): _____ Cooler: _____

No (Not Intact): _____

Not Present: 1Initial: HJ**SAMPLE CONDITION:**

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples.....	<u>1</u>	.....	.....
Sampler's name indicated on COC.....	<u>1</u>	.....	.....
Sample container label(s) consistent with custody papers.....	<u>1</u>	.....	.....
Sample container(s) intact and good condition.....	<u>1</u>	.....	.....
Correct containers and volume for analyses requested.....	<u>1</u>	.....	.....
Proper preservation noted on sample label(s).....	<u>1</u>	.....	.....
VOA vial(s) free of headspace.....	<u>1</u>	.....	.....
Tedlar bag(s) free of condensation.....	.....	.....	<u>1</u>

Initial: HJ**COMMENTS:**



November 19, 2007

Paula Sime
Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312



Subject: **Calscience Work Order No.: 07-11-0807**
Client Reference: **ExxonMobil 7-0104**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 11/10/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Cecile L deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

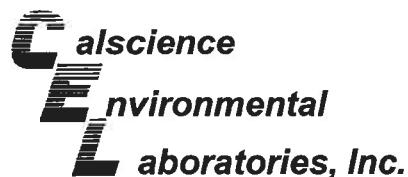
CA-ELAP ID: 1230

• NELAP ID: 03220CA

• CSDLAC ID: 10109

• SCAQMD ID: 93LA0830

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Analytical Report



Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 11/10/07
Work Order No: 07-11-0807
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ExxonMobil 7-0104

Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
W-PSP-1	07-11-0807-1	11/09/07	Aqueous	GC 24	11/10/07	11/10/07	071110B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	84	38-134			

W-INT 2	07-11-0807-2	11/09/07	Aqueous	GC 24	11/10/07	11/10/07	071110B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	84	38-134			

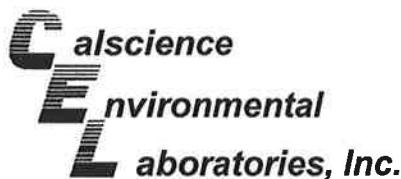
W-INT 1	07-11-0807-3	11/09/07	Aqueous	GC 24	11/10/07	11/10/07	071110B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	84	38-134			

W-INF	07-11-0807-4	11/09/07	Aqueous	GC 24	11/10/07	11/11/07	071110B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	550	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	75	38-134			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 11/10/07
Work Order No: 07-11-0807
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ExxonMobil 7-0104

Page 2 of 2

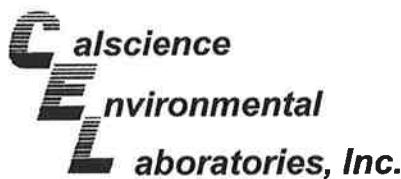
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Method Blank	099-12-436-1,118	N/A	Aqueous	GC 24	11/10/07	11/10/07	071110B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>				Qual	
1,4-Bromofluorobenzene	83	38-134			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



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Analytical Report

Environmental Resolutions, Inc.
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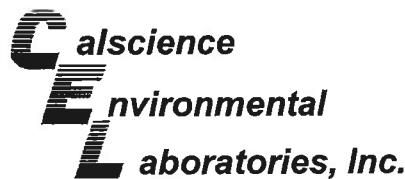
Date Received: 11/10/07
Work Order No: 07-11-0807
Preparation: EPA 5030B
Method: EPA 8021B
Units: ug/L

Project: ExxonMobil 7-0104

Page 1 of 1

Client Sample Number	Lab Sample Number			Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
W-PSP-1		07-11-0807-1		11/09/07	Aqueous	GC 8	11/13/07	11/13/07	071113B01
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>		<u>Result</u>	<u>RL</u>	<u>DF</u>
Benzene	ND	0.50	1		Xylenes (total)		ND	1.0	1
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)		ND	5.0	1
Ethylbenzene	ND	0.50	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>		<u>Qual</u>					
1,4-Bromofluorobenzene	117	70-130							
W-INT 2		07-11-0807-2		11/09/07	Aqueous	GC 8	11/13/07	11/13/07	071113B01
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>		<u>Result</u>	<u>RL</u>	<u>DF</u>
Benzene	ND	0.50	1		Xylenes (total)		ND	1.0	1
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)		ND	5.0	1
Ethylbenzene	ND	0.50	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>		<u>Qual</u>					
1,4-Bromofluorobenzene	116	70-130							
W-INT 1		07-11-0807-3		11/09/07	Aqueous	GC 8	11/13/07	11/13/07	071113B01
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>		<u>Result</u>	<u>RL</u>	<u>DF</u>
Benzene	ND	0.50	1		Xylenes (total)		ND	1.0	1
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)		ND	5.0	1
Ethylbenzene	ND	0.50	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>		<u>Qual</u>					
1,4-Bromofluorobenzene	120	70-130							
W-INF		07-11-0807-4		11/09/07	Aqueous	GC 8	11/13/07	11/13/07	071113B01
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>		<u>Result</u>	<u>RL</u>	<u>DF</u>
Benzene	ND	2.5	5		Xylenes (total)		ND	5.0	5
Toluene	ND	2.5	5		Methyl-t-Butyl Ether (MTBE)		1700	25	5
Ethylbenzene	ND	2.5	5						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>		<u>Qual</u>					
1,4-Bromofluorobenzene	119	70-130							
Method Blank		099-12-283-274		N/A	Aqueous	GC 8	11/13/07	11/13/07	071113B01
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>		<u>Result</u>	<u>RL</u>	<u>DF</u>
Benzene	ND	0.50	1		Xylenes (total)		ND	1.0	1
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)		ND	5.0	1
Ethylbenzene	ND	0.50	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>		<u>Qual</u>					
1,4-Bromofluorobenzene	103	70-130							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

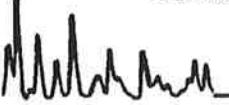
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Work Order No: 07-11-0807
Preparation: EPA 5030B
Method: EPA 8015B (M)

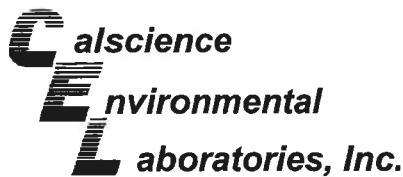
Project ExxonMobil 7-0104

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-11-0805-1	Aqueous	GC 24	11/10/07	11/10/07	071110S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	100	98	68-122	3	0-18	

RPD - Relative Percent Difference , CL - Control Limit

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Quality Control - Spike/Spike Duplicate

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 11/10/07
Work Order No: 07-11-0807
Preparation: EPA 5030B
Method: EPA 8021B

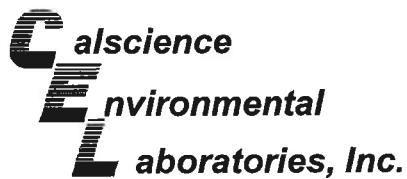
Project ExxonMobil 7-0104

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-11-0474-11	Aqueous	GC 8	11/13/07	11/13/07	071113S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	91	57-129	14	0-23	
Toluene	63	96	50-134	41	0-26	4
Ethylbenzene	95	91	58-130	4	0-26	
p/m-Xylene	142	138	58-130	4	0-28	3
o-Xylene	93	88	57-123	5	0-26	
Methyl-t-Butyl Ether (MTBE)	112	92	44-134	15	0-27	

RPD - Relative Percent Difference , CL - Control Limit

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Quality Control - LCS/LCS Duplicate



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Petaluma, CA 94954-2312

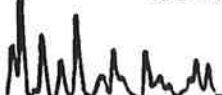
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Work Order No: 07-11-0807
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ExxonMobil 7-0104

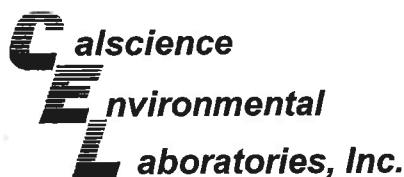
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-1,118	Aqueous	GC 24	11/10/07	11/10/07	071110B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	106	106	78-120	0	0-10	

RPD - Relative Percent Difference , CL - Control Limit



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Quality Control - LCS/LCS Duplicate



Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: N/A
Work Order No: 07-11-0807
Preparation: EPA 5030B
Method: EPA 8021B

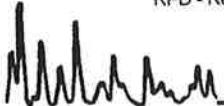
Project: ExxonMobil 7-0104

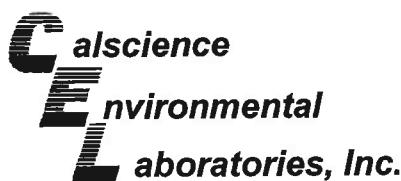
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-283-274	Aqueous	GC 8	11/13/07	11/13/07	071113B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	97	70-118	1	0-9	
Toluene	102	103	66-114	1	0-9	
Ethylbenzene	101	103	72-114	1	0-9	
p/m-Xylene	101	102	74-116	1	0-9	
o-Xylene	98	100	72-114	1	0-9	
Methyl-t-Butyl Ether (MTBE)	100	99	41-137	1	0-13	

RPD - Relative Percent Difference , CL - Control Limit

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Glossary of Terms and Qualifiers

Work Order Number: 07-11-0807

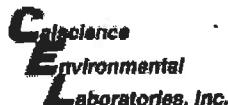
<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
I	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



CHAIN OF CUSTODY RECORD

07-11-0807

Page _____ of _____



7440 LINCOLN WAY

GARDEN GROVE, CA 92841

TEL: (714) 895-5494

FAX: (714) 894-7501



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 (November)
Sampler Name: (Print) J. Herman
Sampler Signature: J. Herman

ExxonMobil Engineer Jennifer Sedlachek

Telephone Number 510-547-8196

Account #: 10228

PO #: 4508883534

Facility ID # 7-0104

Global ID#

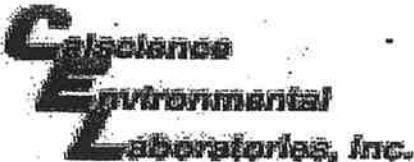
Site Address 1725 Park Street

City, State Zip Alameda, California

GSO

11/10/07 @ 1030

Polymerized (cor)



WORK ORDER #: 07 - 11 - 0807

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: ERI

DATE: 11/10/01

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
- Chilled, cooler without temperature blank.
- Chilled and placed in cooler with wet ice.
- Ambient and placed in cooler with wet ice.
- Ambient temperature.
- °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- °C Temperature blank.
- 4.5 °C IR thermometer.
- Ambient temperature.

Initial: PW

CUSTODY SEAL INTACT:

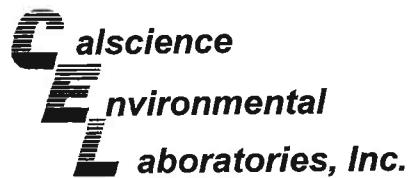
Sample(s): _____	Cooler: _____	No (Not Intact): _____	Not Present: <input checked="" type="checkbox"/>
		Initial: PW	

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples.....	✓
Sampler's name indicated on COC.....	✓
Sample container label(s) consistent with custody papers.....	✓
Sample container(s) intact and good condition.....	✓
Correct containers and volume for analyses requested.....	✓
Proper preservation noted on sample label(s).....	✓
VOA vial(s) free of headspace.....	✓
Tedlar bag(s) free of condensation.....	✓

Initial: PW

COMMENTS:



December 17, 2007



Paula Sime
Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Subject: **Calscience Work Order No.: 07-12-0738**
Client Reference: **ExxonMobil 7-0104**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/8/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "Cecile deGuia".

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

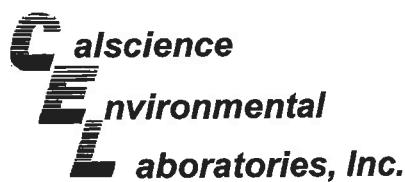
CA-ELAP ID: 1230

• NELAP ID: 03220CA

• CSDLAC ID: 10109

• SCAQMD ID: 93LA0830

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Analytical Report



Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 12/08/07
Work Order No: 07-12-0738
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ExxonMobil 7-0104

Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
W-PSP-1	07-12-0738-1-C	12/07/07	Aqueous	GC 30	12/10/07	12/10/07	071210B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>					
1,4-Bromofluorobenzene	92	38-134			

W-INT 2	07-12-0738-2-C	12/07/07	Aqueous	GC 30	12/10/07	12/10/07	071210B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>					
1,4-Bromofluorobenzene	95	38-134			

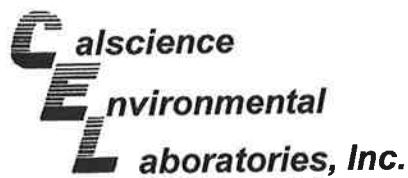
W-INT 1	07-12-0738-3-C	12/07/07	Aqueous	GC 30	12/10/07	12/10/07	071210B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>					
1,4-Bromofluorobenzene	91	38-134			

W-INF	07-12-0738-4-C	12/07/07	Aqueous	GC 30	12/10/07	12/10/07	071210B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	250	50	1		ug/L
<u>Surrogates:</u>					
1,4-Bromofluorobenzene	81	38-134			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 12/08/07
Work Order No: 07-12-0738
Preparation: EPA 5030B
Method: EPA 8015B (M)

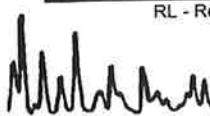
Project: ExxonMobil 7-0104

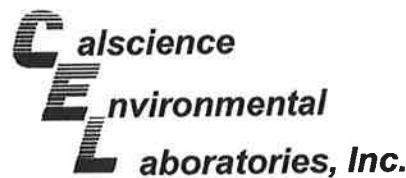
Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-436-1,237	N/A	Aqueous	GC 30	12/10/07	12/10/07	071210B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>				Qual	
1,4-Bromofluorobenzene	98	38-134			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

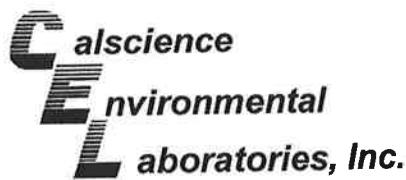
Date Received: 12/08/07
Work Order No: 07-12-0738
Preparation: EPA 5030B
Method: EPA 8021B
Units: ug/L

Project: ExxonMobil 7-0104

Page 1 of 1

Client Sample Number	Lab Sample Number				Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
W-PSP-1	07-12-0738-1-D		12/07/07	Aqueous	GC 8	12/10/07	12/10/07	071210B01		
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>			<u>Result</u>	<u>RL</u>	<u>DF</u>
Benzene	ND	0.50	1		Xylenes (total)			ND	1.0	1
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)			ND	5.0	1
Ethylbenzene	ND	0.50	1							
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>	<u>Limits</u>	<u>Qual</u>						
1,4-Bromofluorobenzene	93	70-130								
W-INT 2	07-12-0738-2-D		12/07/07	Aqueous	GC 8	12/10/07	12/10/07	071210B01		
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>			<u>Result</u>	<u>RL</u>	<u>DF</u>
Benzene	ND	0.50	1		Xylenes (total)			ND	1.0	1
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)			ND	5.0	1
Ethylbenzene	ND	0.50	1							
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>	<u>Limits</u>	<u>Qual</u>						
1,4-Bromofluorobenzene	91	70-130								
W-INT 1	07-12-0738-3-D		12/07/07	Aqueous	GC 8	12/10/07	12/10/07	071210B01		
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>			<u>Result</u>	<u>RL</u>	<u>DF</u>
Benzene	ND	0.50	1		Xylenes (total)			ND	1.0	1
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)			ND	5.0	1
Ethylbenzene	ND	0.50	1							
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>	<u>Limits</u>	<u>Qual</u>						
1,4-Bromofluorobenzene	92	70-130								
W-INF	07-12-0738-4-D		12/07/07	Aqueous	GC 8	12/10/07	12/10/07	071210B01		
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>			<u>Result</u>	<u>RL</u>	<u>DF</u>
Benzene	ND	2.5	5		Xylenes (total)			ND	5.0	5
Toluene	ND	2.5	5		Methyl-t-Butyl Ether (MTBE)			380	25	5
Ethylbenzene	ND	2.5	5							
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>	<u>Limits</u>	<u>Qual</u>	<u>Surrogates:</u>			<u>REC (%)</u>	<u>Control</u>	<u>Qual</u>
1,4-Bromofluorobenzene	90	70-130								
Method Blank	099-12-667-4		N/A	Aqueous	GC 8	12/10/07	12/10/07	071210B01		
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>			<u>Result</u>	<u>RL</u>	<u>DF</u>
Benzene	ND	0.50	1		Xylenes (total)			ND	1.0	1
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)			ND	5.0	1
Ethylbenzene	ND	0.50	1							
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>	<u>Limits</u>	<u>Qual</u>	<u>Surrogates:</u>			<u>REC (%)</u>	<u>Control</u>	<u>Qual</u>
1,4-Bromofluorobenzene	94	70-130								

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

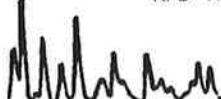
Date Received: 12/08/07
Work Order No: 07-12-0738
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project ExxonMobil 7-0104

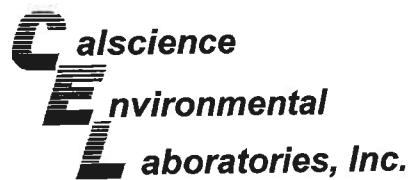
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
W-PSP-1	Aqueous	GC 30	12/10/07	12/10/07	071210S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	105	96	68-122	8	0-18	

RPD - Relative Percent Difference , CL - Control Limit



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Quality Control - Spike/Spike Duplicate



Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

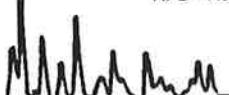
Date Received: 12/08/07
Work Order No: 07-12-0738
Preparation: EPA 5030B
Method: EPA 8021B

Project ExxonMobil 7-0104

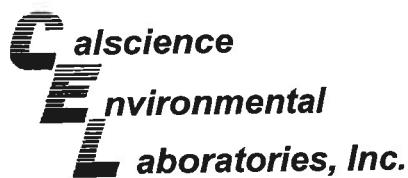
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-12-0736-3	Aqueous	GC 8	12/10/07	12/10/07	071210S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	108	57-129	11	0-23	
Toluene	102	103	50-134	1	0-26	
Ethylbenzene	102	103	58-130	1	0-26	
p/m-Xylene	100	102	58-130	1	0-28	
o-Xylene	98	99	57-123	0	0-26	
Methyl-t-Butyl Ether (MTBE)	101	108	44-134	7	0-27	

RPD - Relative Percent Difference , CL - Control Limit



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Quality Control - LCS/LCS Duplicate



Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

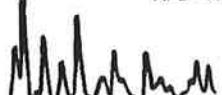
Date Received: N/A
Work Order No: 07-12-0738
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ExxonMobil 7-0104

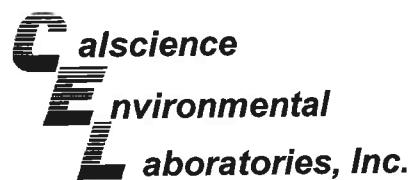
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-1,237	Aqueous	GC 30	12/10/07	12/10/07	071210B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	103	105	78-120	2	0-10	

RPD - Relative Percent Difference , CL - Control Limit



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Quality Control - LCS/LCS Duplicate



Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: N/A
Work Order No: 07-12-0738
Preparation: EPA 5030B
Method: EPA 8021B

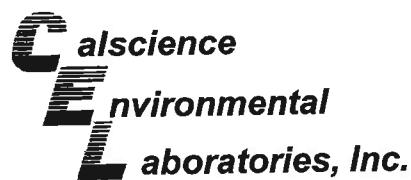
Project: ExxonMobil 7-0104

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-667-4	Aqueous	GC 8	12/10/07	12/10/07	071210B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	96	70-118	5	0-9	
Toluene	97	103	66-114	6	0-9	
Ethylbenzene	100	103	72-114	3	0-9	
p/m-Xylene	99	101	74-116	2	0-9	
o-Xylene	97	99	72-114	3	0-9	
Methyl-t-Butyl Ether (MTBE)	101	96	41-137	5	0-13	

RPD - Relative Percent Difference , CL - Control Limit

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Glossary of Terms and Qualifiers

Work Order Number: 07-12-0738

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
I	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CHAIN OF CUSTODY RECORD

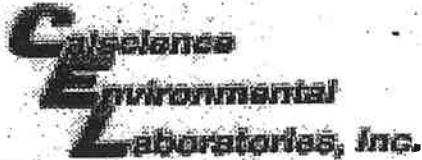
0738

Page _____ of _____

**Calscience
Environmental
Laboratories, Inc.**

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) J. Herring
Sampler Signature: 

ExxonMobil Engineer Jennifer Sedlachek
Telephone Number 510-547-8196
Account #: 10228
PO #: 4508883534
Facility ID # 7-0104
Global ID#
Site Address 1725 Park Street
City, State Zip Alameda, California



WORK ORDER #: 07-12-0738

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: ERI

DATE: 12/8/07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
- Chilled, cooler without temperature blank.
- Chilled and placed in cooler with wet ice.
- Ambient and placed in cooler with wet ice.
- Ambient temperature.
- °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- °C Temperature blank.
- 3.6 °C IR thermometer.
- Ambient temperature.

Initial: HT

CUSTODY SEAL INTACT:

Sample(s): _____

Cooler: _____

No (Not Intact): _____

Not Present: _____

Initial: HT

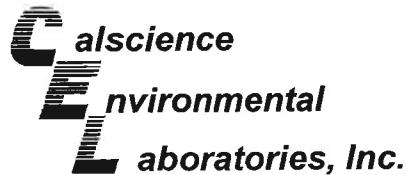
SAMPLE CONDITION:

	Yes	No	N/A
--	-----	----	-----

- Chain-Of-Custody document(s) received with samples..... / /
- Sampler's name indicated on COC..... / /
- Sample container label(s) consistent with custody papers..... / /
- Sample container(s) intact and good condition..... / /
- Correct containers and volume for analyses requested..... / /
- Proper preservation noted on sample label(s)..... / /
- VOA vial(s) free of headspace..... / /
- Tedlar bag(s) free of condensation..... / /

Initial: HT

COMMENTS:



October 25, 2007

Paula Sime
Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

RECEIVED
OCT 25 2007
Petaluma Lab

Subject: **Calscience Work Order No.: 07-10-1044**
Client Reference: **ExxonMobil 7-0104**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/13/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Cecile L deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager



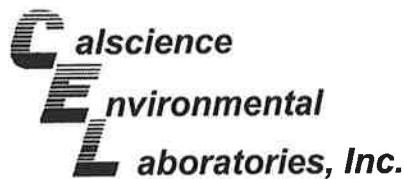
CASE NARRATIVE

Calscience Work Order No.: 07-10-1044
Client Reference: ExxonMobil 7-0104

Four (4) air samples were received for this project on October 13, 2007. Testing was performed in accordance with the chain-of-custody instructions for TPH as gasoline by TO-3M and for BTEX + Oxygenates by TO-15M.

The tedlar bag labeled as A-INT1 sample collected on 10/12/07 @ 12:30 was received flat; therefore, analyses for this sample were cancelled.





Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

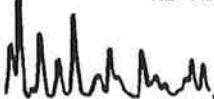
Date Received: 10/13/07
Work Order No: 07-10-1044
Preparation: N/A
Method: EPA TO-3 (M)

Project: ExxonMobil 7-0104

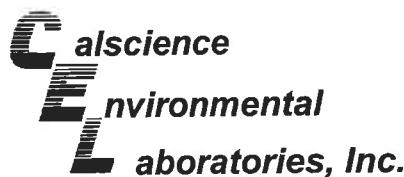
Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
A-EFF	07-10-1044-1	10/12/07	Air	GC 13	N/A	10/13/07	071013L01
Parameter	Result	RL	DF	Qual	Units		
TPH as Gasoline	ND	3.0	1		ppm (v/v)		
A-INT2	07-10-1044-2	10/12/07	Air	GC 13	N/A	10/13/07	071013L01
Parameter	Result	RL	DF	Qual	Units		
TPH as Gasoline	ND	3.0	1		ppm (v/v)		
A-INF	07-10-1044-4	10/12/07	Air	GC 13	N/A	10/13/07	071013L01
Parameter	Result	RL	DF	Qual	Units		
TPH as Gasoline	ND	3.0	1		ppm (v/v)		
Method Blank	098-01-005-1,046	N/A	Air	GC 13	N/A	10/13/07	071013L01
Parameter	Result	RL	DF	Qual	Units		
TPH as Gasoline	ND	3.0	1		ppm (v/v)		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



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Analytical Report

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Petaluma, CA 94954-2312

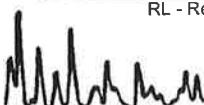
Date Received: 10/13/07
Work Order No: 07-10-1044
Preparation: N/A
Method: EPA TO-15M
Units: ppm (v/v)

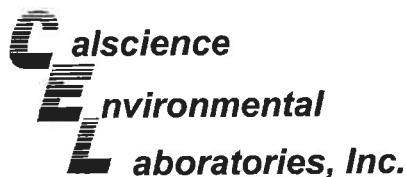
Project: ExxonMobil 7-0104

Page 1 of 2

Client Sample Number	Lab Sample Number				Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
A-EFF	07-10-1044-1		10/12/07	Air	GC/MS V	N/A	10/15/07	071015L01		
Parameter	Result	RL	DF	Qual	Parameter		Result	RL	DF	Qual
Benzene	0.0023	0.00050	1		Xylenes (total)		0.0058	0.0010	1	
Toluene	0.012	0.00050	1		Methyl-t-Butyl Ether (MTBE)		0.0038	0.0020	1	
Ethylbenzene	0.0011	0.00050	1		Surrogates:		REC (%)	Control Limits		Qual
Surrogates:	REC (%)	Control Limits		Qual			REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	104	57-129			1,2-Dichloroethane-d4		118	47-137		
Toluene-d8	100	78-156								
A-INT2	07-10-1044-2		10/12/07	Air	GC/MS V	N/A	10/15/07	071015L01		
Parameter	Result	RL	DF	Qual	Parameter		Result	RL	DF	Qual
Benzene	0.0029	0.00050	1		Xylenes (total)		0.011	0.0010	1	
Toluene	0.021	0.00050	1		Methyl-t-Butyl Ether (MTBE)		0.10	0.0020	1	E
Ethylbenzene	0.0020	0.00050	1		Surrogates:		REC (%)	Control Limits		Qual
Surrogates:	REC (%)	Control Limits		Qual			REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	107	57-129			1,2-Dichloroethane-d4		120	47-137		
Toluene-d8	104	78-156								
A-INT2	07-10-1044-2		10/12/07	Air	GC/MS V	N/A	10/15/07	071015L01		
Parameter	Result	RL	DF	Qual						
Methyl-t-Butyl Ether (MTBE)	0.039	0.020	10							
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:		REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	103	57-129			1,2-Dichloroethane-d4		118	47-137		
Toluene-d8	101	78-156								
A-INF	07-10-1044-4		10/12/07	Air	GC/MS V	N/A	10/15/07	071015L01		
Parameter	Result	RL	DF	Qual	Parameter		Result	RL	DF	Qual
Benzene	0.0040	0.00050	1		Xylenes (total)		0.013	0.0010	1	
Toluene	0.026	0.00050	1		Methyl-t-Butyl Ether (MTBE)		0.19	0.0020	1	E
Ethylbenzene	0.0028	0.00050	1		Surrogates:		REC (%)	Control Limits		Qual
Surrogates:	REC (%)	Control Limits		Qual			REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	104	57-129			1,2-Dichloroethane-d4		124	47-137		
Toluene-d8	116	78-156								

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 10/13/07
Work Order No: 07-10-1044
Preparation: N/A
Method: EPA TO-15M
Units: ppm (v/v)

Project: ExxonMobil 7-0104

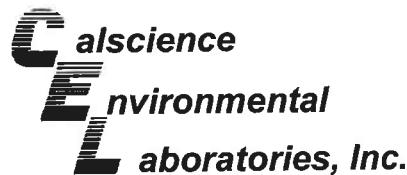
Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
A-INF	07-10-1044-4	10/12/07	Air	GC/MS V	N/A	10/16/07	071015L01

Comment(s): -Dilution analysis was performed outside the recommended holding time.

Parameter	Result	RL	DF	Qual	Surrogates:	REC (%)	Control Limits	Qual	
Methyl-t-Butyl Ether (MTBE)	0.11	0.020	10						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits	Qual	
1,4-Bromofluorobenzene	102	57-129			1,2-Dichloroethane-d4	124	47-137		
Toluene-d8	109	78-156							
Method Blank					097-09-002-6,423	N/A	Air	GC/MS V	
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)	ND	0.0010	1	
Toluene	ND	0.00050	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0020	1	
Ethylbenzene	ND	0.00050	1		Surrogates:	REC (%)	Control Limits	Qual	
Surrogates:	REC (%)	Control Limits		Qual	1,2-Dichloroethane-d4	118	47-137		
1,4-Bromofluorobenzene	98	57-129							
Toluene-d8	102	78-156							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Environmental Resolutions, Inc.
 601 North McDowell Blvd.
 Petaluma, CA 94954-2312

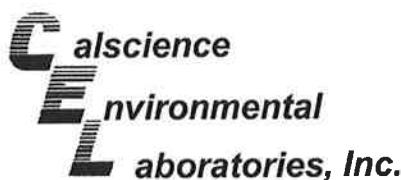
Date Received: 10/13/07
 Work Order No: 07-10-1044
 Preparation: N/A
 Method: EPA TO-3 (M)

Project: ExxonMobil 7-0104

Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
A-EFF	07-10-1044-1	10/12/07	Air	GC 13	N/A	10/13/07	071013L01
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	11	1		mg/m3		
A-INT2	07-10-1044-2	10/12/07	Air	GC 13	N/A	10/13/07	071013L01
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	11	1		mg/m3		
A-INF	07-10-1044-4	10/12/07	Air	GC 13	N/A	10/13/07	071013L01
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	11	1		mg/m3		
Method Blank	098-01-005-1,046	N/A	Air	GC 13	N/A	10/13/07	071013L01
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	11	1		mg/m3		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 10/13/07
Work Order No: 07-10-1044
Preparation: N/A
Method: EPA TO-15M
Units: mg/m3

Project: ExxonMobil 7-0104

Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
A-EFF	07-10-1044-1	10/12/07	Air	GC/MS V	N/A	10/15/07	071015L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	0.0074	0.0016	1		Xylenes (total)	0.025	0.0043	1	
Toluene	0.043	0.0019	1		Methyl-t-Butyl Ether (MTBE)	0.014	0.0072	1	
Ethylbenzene	0.0048	0.0022	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	104	57-129			1,2-Dichloroethane-d4	118	47-137		
Toluene-d8	100	78-156							

A-INT2	07-10-1044-2	10/12/07	Air	GC/MS V	N/A	10/15/07	071015L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	0.0092	0.0016	1		Xylenes (total)	0.049	0.0043	1	
Toluene	0.077	0.0019	1		Methyl-t-Butyl Ether (MTBE)	0.36	0.0072	1	E
Ethylbenzene	0.0089	0.0022	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	107	57-129			1,2-Dichloroethane-d4	120	47-137		
Toluene-d8	104	78-156							

A-INT2	07-10-1044-2	10/12/07	Air	GC/MS V	N/A	10/15/07	071015L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	0.14	0.072	10		Xylenes (total)	0.049	0.0043	1	
Surrogates:	REC (%)	Control Limits		Qual	Methyl-t-Butyl Ether (MTBE)	0.36	0.0072	1	E
1,4-Bromofluorobenzene	103	57-129							
Toluene-d8	101	78-156			1,2-Dichloroethane-d4	118	47-137		

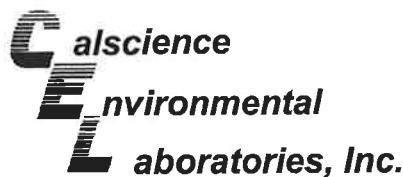
A-INF	07-10-1044-4	10/12/07	Air	GC/MS V	N/A	10/15/07	071015L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	0.013	0.0016	1		Xylenes (total)	0.057	0.0043	1	
Toluene	0.096	0.0019	1		Methyl-t-Butyl Ether (MTBE)	0.69	0.0072	1	E
Ethylbenzene	0.012	0.0022	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	104	57-129			1,2-Dichloroethane-d4	124	47-137		
Toluene-d8	116	78-156							

RL - Reporting Limit

DF - Dilution Factor

Qual - Qualifiers



Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 10/13/07
Work Order No: 07-10-1044
Preparation: N/A
Method: EPA TO-15M
Units: mg/m3

Project: ExxonMobil 7-0104

Page 2 of 2

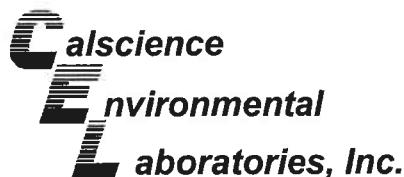
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
A-INF	07-10-1044-4	10/12/07	Air	GC/MS V	N/A	10/16/07	071015L01

Comment(s): -Dilution analysis was performed outside the recommended holding time.

Parameter	Result	RL	DF	Qual	Surrogates:	REC (%)	Control Limits	Qual	
Methyl-t-Butyl Ether (MTBE)	0.40	0.072	10						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits	Qual	
1,4-Bromofluorobenzene	102	57-129			1,2-Dichloroethane-d4	124	47-137		
Toluene-d8	109	78-156							
Method Blank					097-09-002-6,423	N/A	Air	GC/MS V	
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		Xylenes (total)	ND	0.0043	1	
Toluene	ND	0.0019	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Ethylbenzene	ND	0.0022	1		Surrogates:	REC (%)	Control Limits	Qual	
Surrogates:	REC (%)	Control Limits		Qual	1,2-Dichloroethane-d4	118	47-137		
1,4-Bromofluorobenzene	98	57-129							
Toluene-d8	102	78-156							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Quality Control - Duplicate

Environmental Resolutions, Inc.
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Petaluma, CA 94954-2312

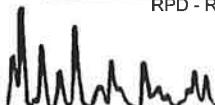
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Work Order No: 07-10-1044
Preparation: N/A
Method: EPA TO-3 (M)

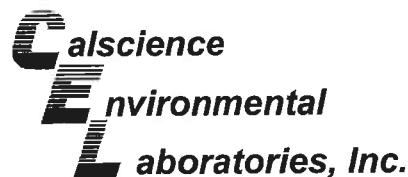
Project: ExxonMobil 7-0104

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
07-10-1046-2	Air	GC 13	N/A	10/13/07	071013D01

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
TPH as Gasoline	12	12	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Duplicate

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

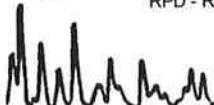
Date Received: 10/13/07
Work Order No: 07-10-1044
Preparation: N/A
Method: EPA TO-3 (M)

Project: ExxonMobil 7-0104

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
07-10-1046-2	Air	GC 13	N/A	10/13/07	071013D01

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
TPH as Gasoline	47	47	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit



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Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: N/A
Work Order No: 07-10-1044
Preparation: N/A
Method: EPA TO-15M

Project: ExxonMobil 7-0104

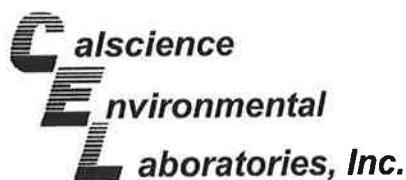
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-09-002-6,423	Air	GC/MS V	N/A	10/15/07	071015L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	116	115	60-156	1	0-40	
Toluene	116	116	56-146	0	0-43	
Ethylbenzene	128	128	52-154	0	0-38	
p/m-Xylene	131	130	42-156	1	0-41	
o-Xylene	138	139	52-148	0	0-38	

RPD - Relative Percent Difference , CL - Control Limit



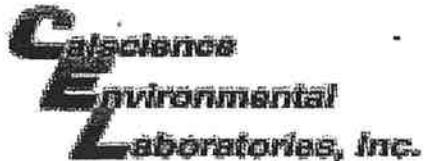
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Glossary of Terms and Qualifiers

Work Order Number: 07-10-1044

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
I	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



WORK ORDER #: 07 - 10-1044

Cooler 0 of 0**SAMPLE RECEIPT FORM**CLIENT: ERIDATE: 10/13/07**TEMPERATURE – SAMPLES RECEIVED BY:****CALSCIENCE COURIER:**

- Chilled, cooler with temperature blank provided.
- Chilled, cooler without temperature blank.
- Chilled and placed in cooler with wet ice.
- Ambient and placed in cooler with wet ice.
- Ambient temperature.
- °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- °C Temperature blank.
- °C IR thermometer.
- Ambient temperature.

Initial: MM**CUSTODY SEAL INTACT:**

Sample(s): _____ Cooler: _____ No (Not Intact): _____ Not Present: ✓
 Initial: MM

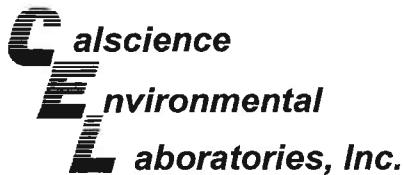
SAMPLE CONDITION:

Yes	No	N/A
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- Chain-Of-Custody document(s) received with samples..... ✓
- Sampler's name indicated on COC..... ✓
- Sample container label(s) consistent with custody papers..... ✓
- Sample container(s) intact and good condition..... ✓
- Correct containers and volume for analyses requested..... ✓
- Proper preservation noted on sample label(s)..... ✓
- VOA vial(s) free of headspace..... ✓
- Tedlar bag(s) free of condensation..... ✓

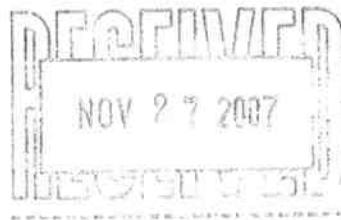
Initial: MM**COMMENTS:**

Sample - 3 (A-INT1) : received flat.
10/13/07 MM



November 20, 2007

Paula Sime
Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312



Subject: **Calscience Work Order No.: 07-11-0804**
Client Reference: **ExxonMobil 7-0104**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 11/10/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

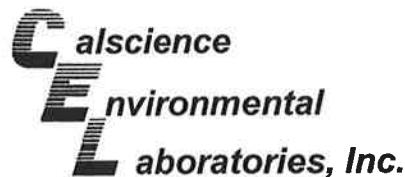
Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink that reads "Cecile L deGuia".

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager



Analytical Report



Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

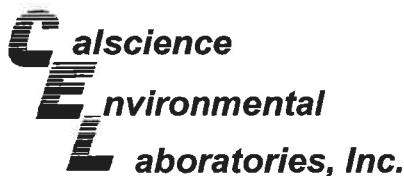
Date Received: 11/10/07
Work Order No: 07-11-0804
Preparation: N/A
Method: EPA TO-3 (M)

Project: ExxonMobil 7-0104

Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
A-EFF	07-11-0804-1	11/09/07	Air	GC 13	N/A	11/10/07	071110L01
<hr/>							
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	3.0	1		ppm (v/v)		
<hr/>							
A-INT2	07-11-0804-2	11/09/07	Air	GC 13	N/A	11/10/07	071110L01
<hr/>							
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	3.0	1		ppm (v/v)		
<hr/>							
A-INT1	07-11-0804-3	11/09/07	Air	GC 13	N/A	11/10/07	071110L01
<hr/>							
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	3.0	1		ppm (v/v)		
<hr/>							
A-INF	07-11-0804-4	11/09/07	Air	GC 13	N/A	11/10/07	071110L01
<hr/>							
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	3.0	1		ppm (v/v)		
<hr/>							
Method Blank	098-01-005-1,075	N/A	Air	GC 13	N/A	11/10/07	071110L01
<hr/>							
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	3.0	1		ppm (v/v)		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
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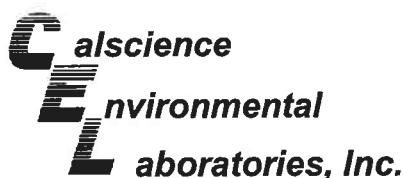
Date Received: 11/10/07
Work Order No: 07-11-0804
Preparation: N/A
Method: EPA TO-15M
Units: ppm (v/v)

Project: ExxonMobil 7-0104

Page 1 of 2

Client Sample Number	Lab Sample Number			Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID	
A-EFF	07-11-0804-1			11/09/07	Air	GC/MS K	N/A	11/10/07	071110L01	
Parameter	Result	RL	DF	Qual	Parameter		Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)		ND	0.0010	1	
Toluene	0.0042	0.00050	1		Methyl-t-Butyl Ether (MTBE)		ND	0.0020	1	
Ethylbenzene	ND	0.00050	1							
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:		REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	99	57-129			1,2-Dichloroethane-d4		99	47-137		
Toluene-d8	90	78-156								
A-INT2	07-11-0804-2				11/09/07	Air	GC/MS K	N/A	11/11/07	071110L01
Parameter	Result	RL	DF	Qual	Parameter		Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)		ND	0.0010	1	
Toluene	0.0038	0.00050	1		Methyl-t-Butyl Ether (MTBE)		0.12	0.020	10	
Ethylbenzene	ND	0.00050	1							
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:		REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	99	57-129			1,2-Dichloroethane-d4		99	47-137		
Toluene-d8	92	78-156								
A-INT1	07-11-0804-3				11/09/07	Air	GC/MS K	N/A	11/11/07	071110L01
Parameter	Result	RL	DF	Qual	Parameter		Result	RL	DF	Qual
Benzene	0.0056	0.00050	1		Xylenes (total)		ND	0.0010	1	
Toluene	0.0041	0.00050	1		Methyl-t-Butyl Ether (MTBE)		0.057	0.0080	4	
Ethylbenzene	ND	0.00050	1							
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:		REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	100	57-129			1,2-Dichloroethane-d4		102	47-137		
Toluene-d8	97	78-156								
A-INF	07-11-0804-4				11/09/07	Air	GC/MS K	N/A	11/11/07	071110L01
Parameter	Result	RL	DF	Qual	Parameter		Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)		0.0015	0.0010	1	
Toluene	0.0053	0.00050	1		Methyl-t-Butyl Ether (MTBE)		0.10	0.0080	4	
Ethylbenzene	ND	0.00050	1							
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:		REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	102	57-129			1,2-Dichloroethane-d4		103	47-137		
Toluene-d8	96	78-156								

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 11/10/07
Work Order No: 07-11-0804
Preparation: N/A
Method: EPA TO-15M
Units: ppm (v/v)

Project: ExxonMobil 7-0104

Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	097-09-002-6,494	N/A	Air	GC/MS K	N/A	11/10/07	071110L01

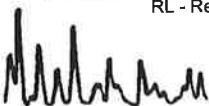
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)	ND	0.0010	1	
Toluene	ND	0.00050	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0020	1	
Ethylbenzene	ND	0.00050	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
1,4-Bromofluorobenzene	100	57-129			1,2-Dichloroethane-d4	104	47-137		
Toluene-d8	93	78-156							

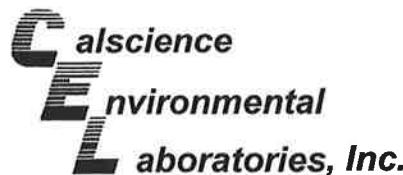
Method Blank	097-09-002-6,505	N/A	Air	GC/MS K	N/A	11/11/07	071111L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)	ND	0.0010	1	
Toluene	ND	0.00050	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0020	1	
Ethylbenzene	ND	0.00050	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
1,4-Bromofluorobenzene	99	57-129			1,2-Dichloroethane-d4	106	47-137		
Toluene-d8	90	78-156							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 11/10/07
Work Order No: 07-11-0804
Preparation: N/A
Method: EPA TO-3 (M)

Project: ExxonMobil 7-0104

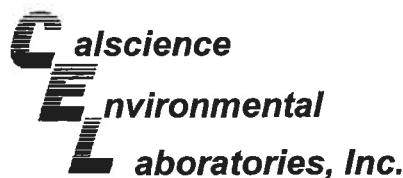
Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
A-EFF	07-11-0804-1	11/09/07	Air	GC 13	N/A	11/10/07	071110L01
<u>Parameter</u> <u>Result</u> <u>RL</u> <u>DF</u> <u>Qual</u> <u>Units</u>							
TPH as Gasoline	ND	11		1		mg/m3	
A-INT2 07-11-0804-2 11/09/07 Air GC 13 N/A 11/10/07 071110L01							
<u>Parameter</u> <u>Result</u> <u>RL</u> <u>DF</u> <u>Qual</u> <u>Units</u>							
TPH as Gasoline	ND	11		1		mg/m3	
A-INT1 07-11-0804-3 11/09/07 Air GC 13 N/A 11/10/07 071110L01							
<u>Parameter</u> <u>Result</u> <u>RL</u> <u>DF</u> <u>Qual</u> <u>Units</u>							
TPH as Gasoline	ND	11		1		mg/m3	
A-INF 07-11-0804-4 11/09/07 Air GC 13 N/A 11/10/07 071110L01							
<u>Parameter</u> <u>Result</u> <u>RL</u> <u>DF</u> <u>Qual</u> <u>Units</u>							
TPH as Gasoline	ND	11		1		mg/m3	
Method Blank 098-01-005-1,075 N/A Air GC 13 N/A 11/10/07 071110L01							
<u>Parameter</u> <u>Result</u> <u>RL</u> <u>DF</u> <u>Qual</u> <u>Units</u>							
TPH as Gasoline	ND	11		1		mg/m3	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



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Analytical Report

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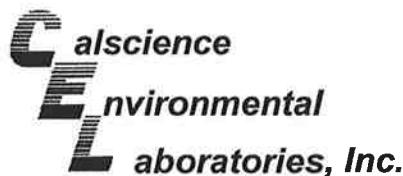
Date Received: 11/10/07
Work Order No: 07-11-0804
Preparation: N/A
Method: EPA TO-15M
Units: mg/m3

Project: ExxonMobil 7-0104

Page 1 of 2

Client Sample Number	Lab Sample Number			Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
A-EFF	07-11-0804-1	11/09/07	Air	GC/MS K	N/A	11/10/07	071110L01		
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>		<u>Result</u>	<u>RL</u>	<u>DF</u>
Benzene	ND	0.0016	1		Xylenes (total)		ND	0.0043	1
Toluene	0.016	0.0019	1		Methyl-t-Butyl Ether (MTBE)		ND	0.0072	1
Ethylbenzene	ND	0.0022	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>		<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>
1,4-Bromofluorobenzene	99	57-129			1,2-Dichloroethane-d4		99	47-137	
Toluene-d8	90	78-156							
A-INT2	07-11-0804-2	11/09/07	Air	GC/MS K	N/A	11/11/07	071110L01		
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>		<u>Result</u>	<u>RL</u>	<u>DF</u>
Benzene	ND	0.0016	1		Xylenes (total)		ND	0.0043	1
Toluene	0.014	0.0019	1		Methyl-t-Butyl Ether (MTBE)		0.42	0.072	10
Ethylbenzene	ND	0.0022	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>		<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>
1,4-Bromofluorobenzene	99	57-129			1,2-Dichloroethane-d4		99	47-137	
Toluene-d8	92	78-156							
A-INT1	07-11-0804-3	11/09/07	Air	GC/MS K	N/A	11/11/07	071110L01		
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>		<u>Result</u>	<u>RL</u>	<u>DF</u>
Benzene	0.018	0.0016	1		Xylenes (total)		ND	0.0043	1
Toluene	0.015	0.0019	1		Methyl-t-Butyl Ether (MTBE)		0.20	0.029	4
Ethylbenzene	ND	0.0022	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>		<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>
1,4-Bromofluorobenzene	100	57-129			1,2-Dichloroethane-d4		102	47-137	
Toluene-d8	97	78-156							
A-INF	07-11-0804-4	11/09/07	Air	GC/MS K	N/A	11/11/07	071110L01		
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>		<u>Result</u>	<u>RL</u>	<u>DF</u>
Benzene	ND	0.0016	1		Xylenes (total)		0.0066	0.0043	1
Toluene	0.020	0.0019	1		Methyl-t-Butyl Ether (MTBE)		0.36	0.029	4
Ethylbenzene	ND	0.0022	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>		<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>
1,4-Bromofluorobenzene	102	57-129			1,2-Dichloroethane-d4		103	47-137	
Toluene-d8	96	78-156							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 11/10/07
Work Order No: 07-11-0804
Preparation: N/A
Method: EPA TO-15M
Units: mg/m3

Project: ExxonMobil 7-0104

Page 2 of 2

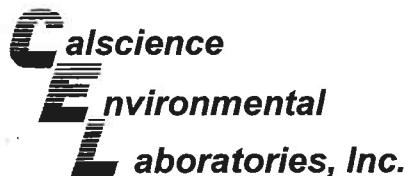
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	097-09-002-6,494	N/A	Air	GC/MS K	N/A	11/10/07	071110L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		Xylenes (total)	ND	0.0043	1	
Toluene	ND	0.0019	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Ethylbenzene	ND	0.0022	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
1,4-Bromofluorobenzene	100	57-129			1,2-Dichloroethane-d4	104	47-137		
Toluene-d8	93	78-156							

Method Blank	097-09-002-6,505	N/A	Air	GC/MS K	N/A	11/11/07	071111L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		Xylenes (total)	ND	0.0043	1	
Toluene	ND	0.0019	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Ethylbenzene	ND	0.0022	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
1,4-Bromofluorobenzene	99	57-129			1,2-Dichloroethane-d4	106	47-137		
Toluene-d8	90	78-156							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Duplicate

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

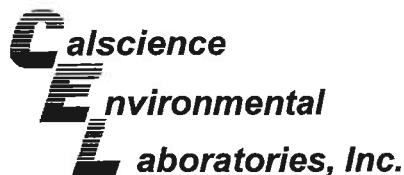
Date Received: 11/10/07
Work Order No: 07-11-0804
Preparation: N/A
Method: EPA TO-3 (M)

Project: ExxonMobil 7-0104

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
07-11-0797-2	Air	GC 13	N/A	11/10/07	071110D01

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
TPH as Gasoline	510	510	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Duplicate

Environmental Resolutions, Inc.
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Petaluma, CA 94954-2312

Date Received: 11/10/07
Work Order No: 07-11-0804
Preparation: N/A
Method: EPA TO-3 (M)

Project: ExxonMobil 7-0104

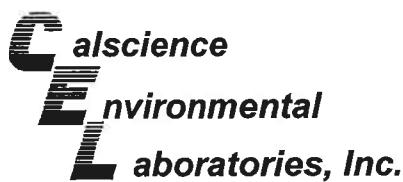
Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
07-11-0797-2	Air	GC 13	N/A	11/10/07	071110D01

Parameter	Sample Conc.	DUP Conc	RPD	RPD CL	Qualifiers
TPH as Gasoline	2000	1900	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit



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Quality Control - LCS/LCS Duplicate



Environmental Resolutions, Inc.
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Petaluma, CA 94954-2312

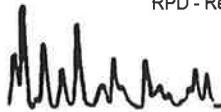
Date Received: N/A
Work Order No: 07-11-0804
Preparation: N/A
Method: EPA TO-15M

Project: ExxonMobil 7-0104

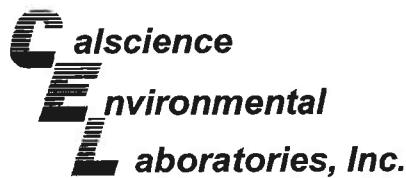
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-09-002-6,494	Air	GC/MS K	N/A	11/10/07	071110L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	104	103	60-156	1	0-40	
Toluene	103	100	56-146	3	0-43	
Ethylbenzene	108	105	52-154	3	0-38	
p/m-Xylene	103	101	42-156	2	0-41	
o-Xylene	101	98	52-148	3	0-38	

RPD - Relative Percent Difference , CL - Control Limit



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Quality Control - LCS/LCS Duplicate



Environmental Resolutions, Inc.
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Petaluma, CA 94954-2312

Date Received:	N/A
Work Order No:	07-11-0804
Preparation:	N/A
Method:	EPA TO-15M

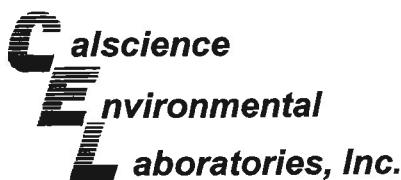
Project: ExxonMobil 7-0104

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-09-002-6,505	Air	GC/MS K	N/A	11/11/07	071111L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	101	60-156	1	0-40	
Toluene	104	103	56-146	0	0-43	
Ethylbenzene	113	112	52-154	0	0-38	
p/m-Xylene	107	107	42-156	0	0-41	
o-Xylene	104	103	52-148	1	0-38	

RPD - Relative Percent Difference , CL - Control Limit





Glossary of Terms and Qualifiers



Work Order Number: 07-11-0804

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
I	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



WORK ORDER #: 07 - 11 - 0804

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: ENI

DATE: 11/10/01

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
- Chilled, cooler without temperature blank.
- Chilled and placed in cooler with wet ice.
- Ambient and placed in cooler with wet ice.
- Ambient temperature.
- °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- °C Temperature blank.
- °C IR thermometer.
- Ambient temperature.

Tedlar[®]

Initial: RW

CUSTODY SEAL INTACT:

Sample(s): _____

Cooler: _____

No (Not Intact): _____

Not Present:

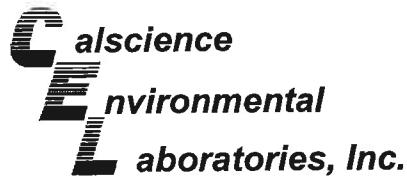
Initial: RW

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples.....	✓
Sampler's name indicated on COC.....	✓
Sample container label(s) consistent with custody papers.....	✓
Sample container(s) intact and good condition.....	✓
Correct containers and volume for analyses requested.....	✓
Proper preservation noted on sample label(s).....	✓
VOA vial(s) free of headspace.....	✓
Tedlar bag(s) free of condensation.....	✓

Initial: RW

COMMENTS:



December 18, 2007

Paula Sime
Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Subject: **Calscience Work Order No.: 07-12-0733**
Client Reference: **ExxonMobil 7-0104**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/8/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

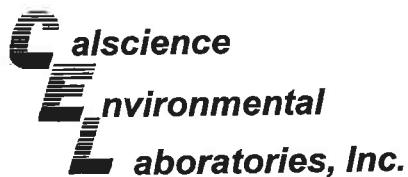
Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "Cecile deGuia".

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager



Analytical Report



Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

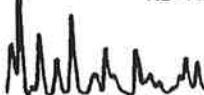
Date Received: 12/08/07
Work Order No: 07-12-0733
Preparation: N/A
Method: EPA TO-3 (M)

Project: ExxonMobil 7-0104

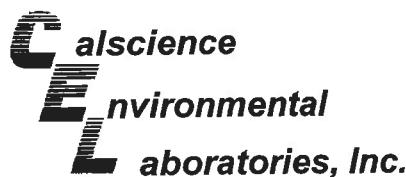
Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
A-EFF	07-12-0733-1-A	12/07/07	Air	GC 13	N/A	12/08/07	071208L01
<hr/>							
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	3.0	1		ppm (v/v)		
<hr/>							
A-INT2	07-12-0733-2-A	12/07/07	Air	GC 13	N/A	12/08/07	071208L01
<hr/>							
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	3.0	1		ppm (v/v)		
<hr/>							
A-INT1	07-12-0733-3-A	12/07/07	Air	GC 13	N/A	12/08/07	071208L01
<hr/>							
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	3.0	1		ppm (v/v)		
<hr/>							
A-INF	07-12-0733-4-A	12/07/07	Air	GC 13	N/A	12/08/07	071208L01
<hr/>							
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	3.0	1		ppm (v/v)		
<hr/>							
Method Blank	098-01-005-1,106	N/A	Air	GC 13	N/A	12/08/07	071208L01
<hr/>							
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	3.0	1		ppm (v/v)		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



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Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

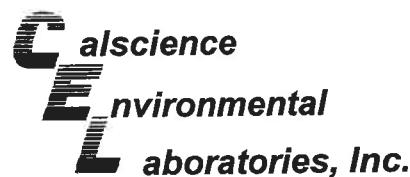
Date Received: 12/08/07
Work Order No: 07-12-0733
Preparation: N/A
Method: EPA TO-15M
Units: ppm (v/v)

Project: ExxonMobil 7-0104

Page 1 of 2

Client Sample Number	Lab Sample Number				Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
A-EFF	07-12-0733-1-A		12/07/07	Air	GC/MS V	N/A	12/09/07	071209L01		
Parameter	Result	RL	DF	Qual	Parameter		Result	RL	DF	Qual
Benzene	ND	0.00050	1		p/m-Xylene		ND	0.0010	1	
Toluene	0.00087	0.00050	1		o-Xylene		ND	0.00050	1	
Ethylbenzene	ND	0.00050	1		Methyl-t-Butyl Ether (MTBE)		ND	0.0020	1	
Surrogates:	REC (%)	Control		Qual	Surrogates:		REC (%)	Control		Qual
		Limits						Limits		
1,4-Bromofluorobenzene	96	57-129			1,2-Dichloroethane-d4		101	47-137		
Toluene-d8	99	78-156								
A-INT2	07-12-0733-2-A		12/07/07	Air	GC/MS V	N/A	12/09/07	071209L01		
Parameter	Result	RL	DF	Qual	Parameter		Result	RL	DF	Qual
Benzene	ND	0.00050	1		p/m-Xylene		ND	0.0010	1	
Toluene	0.00069	0.00050	1		o-Xylene		ND	0.00050	1	
Ethylbenzene	ND	0.00050	1		Methyl-t-Butyl Ether (MTBE)		0.034	0.0020	1	
Surrogates:	REC (%)	Control		Qual	Surrogates:		REC (%)	Control		Qual
		Limits						Limits		
1,4-Bromofluorobenzene	94	57-129			1,2-Dichloroethane-d4		101	47-137		
Toluene-d8	96	78-156								
A-INT1	07-12-0733-3-A		12/07/07	Air	GC/MS V	N/A	12/10/07	071210L01		
Parameter	Result	RL	DF	Qual	Parameter		Result	RL	DF	Qual
Benzene	0.00091	0.00050	1		p/m-Xylene		ND	0.0010	1	
Toluene	0.0067	0.00050	1		o-Xylene		ND	0.00050	1	
Ethylbenzene	ND	0.00050	1		Methyl-t-Butyl Ether (MTBE)		0.012	0.0020	1	
Surrogates:	REC (%)	Control		Qual	Surrogates:		REC (%)	Control		Qual
		Limits						Limits		
1,4-Bromofluorobenzene	98	57-129			1,2-Dichloroethane-d4		108	47-137		
Toluene-d8	108	78-156								
A-INF	07-12-0733-4-A		12/07/07	Air	GC/MS V	N/A	12/09/07	071209L01		
Parameter	Result	RL	DF	Qual	Parameter		Result	RL	DF	Qual
Benzene	0.00065	0.00050	1		p/m-Xylene		ND	0.0010	1	
Toluene	0.0029	0.00050	1		o-Xylene		ND	0.00050	1	
Ethylbenzene	ND	0.00050	1		Methyl-t-Butyl Ether (MTBE)		0.032	0.0020	1	
Surrogates:	REC (%)	Control		Qual	Surrogates:		REC (%)	Control		Qual
		Limits						Limits		
1,4-Bromofluorobenzene	97	57-129			1,2-Dichloroethane-d4		105	47-137		
Toluene-d8	104	78-156								

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 12/08/07
Work Order No: 07-12-0733
Preparation: N/A
Method: EPA TO-15M
Units: ppm (v/v)

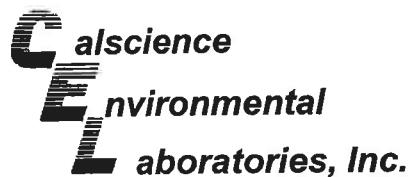
Project: ExxonMobil 7-0104

Page 2 of 2

Client Sample Number	Lab Sample Number			Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	097-09-002-6,581			N/A	Air	GC/MS V	N/A	12/10/07	071210L01
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>		<u>Result</u>	<u>RL</u>	<u>DF</u>
Benzene	ND	0.00050	1		p/m-Xylene		ND	0.0010	1
Toluene	ND	0.00050	1		o-Xylene		ND	0.00050	1
Ethylbenzene	ND	0.00050	1		Methyl-t-Butyl Ether (MTBE)		ND	0.0020	1
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>		<u>Qual</u>	<u>Surrogates:</u>		<u>REC (%)</u>	<u>Control</u>	<u>Qual</u>
		<u>Limits</u>						<u>Limits</u>	
1,4-Bromofluorobenzene	99	57-129			1,2-Dichloroethane-d4		100	47-137	
Toluene-d8	96	78-156							
Method Blank	097-09-002-6,582			N/A	Air	GC/MS V	N/A	12/09/07	071209L01
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>		<u>Result</u>	<u>RL</u>	<u>DF</u>
Benzene	ND	0.00050	1		p/m-Xylene		ND	0.0010	1
Toluene	ND	0.00050	1		o-Xylene		ND	0.00050	1
Ethylbenzene	ND	0.00050	1		Methyl-t-Butyl Ether (MTBE)		ND	0.0020	1
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>		<u>Qual</u>	<u>Surrogates:</u>		<u>REC (%)</u>	<u>Control</u>	<u>Qual</u>
		<u>Limits</u>						<u>Limits</u>	
1,4-Bromofluorobenzene	96	57-129			1,2-Dichloroethane-d4		105	47-137	
Toluene-d8	101	78-156							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 12/08/07
Work Order No: 07-12-0733
Preparation: N/A
Method: EPA TO-3 (M)

Project: ExxonMobil 7-0104

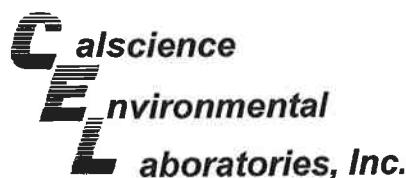
Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
A-EFF	07-12-0733-1-A	12/07/07	Air	GC 13	N/A	12/08/07	071208L01
<hr/>							
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	11	1		mg/m3		
<hr/>							
A-INT2	07-12-0733-2-A	12/07/07	Air	GC 13	N/A	12/08/07	071208L01
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	11	1		mg/m3		
<hr/>							
A-INT1	07-12-0733-3-A	12/07/07	Air	GC 13	N/A	12/08/07	071208L01
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	11	1		mg/m3		
<hr/>							
A-INF	07-12-0733-4-A	12/07/07	Air	GC 13	N/A	12/08/07	071208L01
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	11	1		mg/m3		
<hr/>							
Method Blank	098-01-005-1,106	N/A	Air	GC 13	N/A	12/08/07	071208L01
Parameter	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>		
TPH as Gasoline	ND	11	1		mg/m3		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



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Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

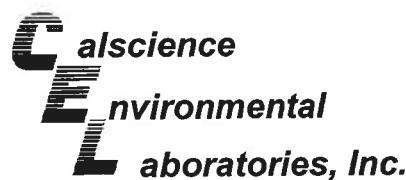
Date Received: 12/08/07
Work Order No: 07-12-0733
Preparation: N/A
Method: EPA TO-15M
Units: mg/m3

Project: ExxonMobil 7-0104

Page 1 of 2

Client Sample Number	Lab Sample Number			Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
A-EFF	07-12-0733-1-A	12/07/07	Air	GC/MS V	N/A	12/09/07	071209L01		
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		p/m-Xylene	ND	0.0087	1	
Toluene	0.0033	0.0019	1		o-Xylene	ND	0.0022	1	
Ethylbenzene	ND	0.0022	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	96	57-129			1,2-Dichloroethane-d4	101	47-137		
Toluene-d8	99	78-156							
A-INT2	07-12-0733-2-A	12/07/07	Air	GC/MS V	N/A	12/09/07	071209L01		
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		p/m-Xylene	ND	0.0087	1	
Toluene	0.0026	0.0019	1		o-Xylene	ND	0.0022	1	
Ethylbenzene	ND	0.0022	1		Methyl-t-Butyl Ether (MTBE)	0.12	0.0072	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	94	57-129			1,2-Dichloroethane-d4	101	47-137		
Toluene-d8	96	78-156							
A-INT1	07-12-0733-3-A	12/07/07	Air	GC/MS V	N/A	12/10/07	071210L01		
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	0.0029	0.0016	1		p/m-Xylene	ND	0.0087	1	
Toluene	0.025	0.0019	1		o-Xylene	ND	0.0022	1	
Ethylbenzene	ND	0.0022	1		Methyl-t-Butyl Ether (MTBE)	0.042	0.0072	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	98	57-129			1,2-Dichloroethane-d4	108	47-137		
Toluene-d8	108	78-156							
A-INF	07-12-0733-4-A	12/07/07	Air	GC/MS V	N/A	12/09/07	071209L01		
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	0.0021	0.0016	1		p/m-Xylene	ND	0.0087	1	
Toluene	0.011	0.0019	1		o-Xylene	ND	0.0022	1	
Ethylbenzene	ND	0.0022	1		Methyl-t-Butyl Ether (MTBE)	0.12	0.0072	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	97	57-129			1,2-Dichloroethane-d4	105	47-137		
Toluene-d8	104	78-156							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 12/08/07
Work Order No: 07-12-0733
Preparation: N/A
Method: EPA TO-15M
Units: mg/m³

Project: ExxonMobil 7-0104

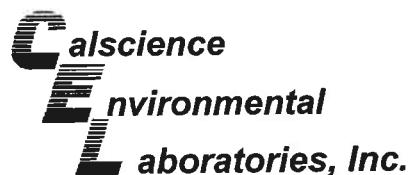
Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	097-09-002-6,581	N/A	Air	GC/MS V	N/A	12/10/07	071210L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		p/m-Xylene	ND	0.0087	1	
Toluene	ND	0.0019	1		o-Xylene	ND	0.0022	1	
Ethylbenzene	ND	0.0022	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	99	57-129			1,2-Dichloroethane-d4	100	47-137		
Toluene-d8	96	78-156							

Method Blank	097-09-002-6,582	N/A	Air	GC/MS V	N/A	12/09/07	071209L01		
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		p/m-Xylene	ND	0.0087	1	
Toluene	ND	0.0019	1		o-Xylene	ND	0.0022	1	
Ethylbenzene	ND	0.0022	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	96	57-129			1,2-Dichloroethane-d4	105	47-137		
Toluene-d8	101	78-156							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Duplicate



Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

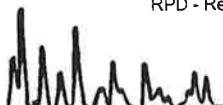
Date Received: 12/08/07
Work Order No: 07-12-0733
Preparation: N/A
Method: EPA TO-3 (M)

Project: ExxonMobil 7-0104

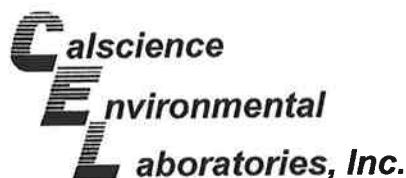
Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
07-12-0520-1	Air	GC 13	N/A	12/08/07	071208D01

Parameter	Sample Conc.	DUP Conc	RPD	RPD CL	Qualifiers
TPH as Gasoline	1600	1600	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit



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Quality Control - Duplicate



Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

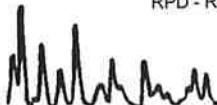
Date Received: 12/08/07
Work Order No: 07-12-0733
Preparation: N/A
Method: EPA TO-3 (M)

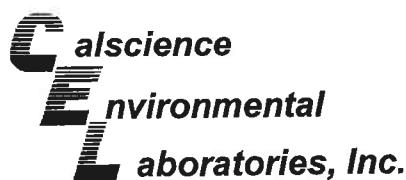
Project: ExxonMobil 7-0104

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
07-12-0520-1	Air	GC 13	N/A	12/08/07	071208D01

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
TPH as Gasoline	6100	6200	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: N/A
Work Order No: 07-12-0733
Preparation: N/A
Method: EPA TO-15M

Project: ExxonMobil 7-0104

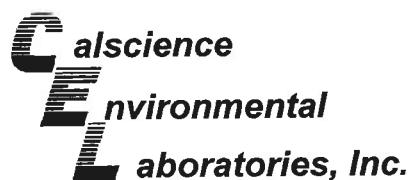
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-09-002-6,582	Air	GC/MS V	N/A	12/09/07	071209L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	126	124	60-156	2	0-40	
Toluene	130	127	56-146	2	0-43	
Ethylbenzene	137	135	52-154	2	0-38	
p/m-Xylene	129	127	42-156	1	0-41	
o-Xylene	126	125	52-148	1	0-38	

RPD - Relative Percent Difference , CL - Control Limit



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Quality Control - LCS/LCS Duplicate



Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: N/A
Work Order No: 07-12-0733
Preparation: N/A
Method: EPA TO-15M

Project: ExxonMobil 7-0104

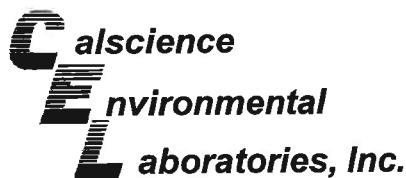
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-09-002-6,581	Air	GC/MS V	N/A	12/10/07	071210L01

<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Benzene	107	124	60-156	15	0-40	
Toluene	110	126	56-146	13	0-43	
Ethylbenzene	118	133	52-154	12	0-38	
p/m-Xylene	113	127	42-156	12	0-41	
o-Xylene	112	125	52-148	11	0-38	

RPD - Relative Percent Difference , CL - Control Limit



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Glossary of Terms and Qualifiers



Work Order Number: 07-12-0733

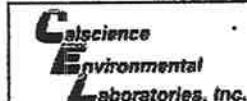
<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
I	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



CHAIN OF CUSTODY RECORD

0733

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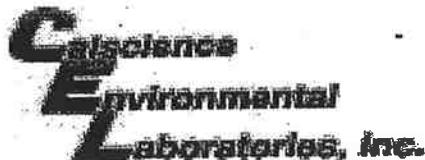


**7440 LINCOLN WAY
GARDEN GROVE, CA 92841
TEL: (714) 895-5494
FAX: (714) 894-7501**

ExxonMobil

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) *Jay Hennar*
Sampler Signature: *Jay Hennar*

ExxonMobil Engineer Jennifer Sediachek
Telephone Number 510-547-8196
Account #: 10228
PO #: 4508883534
Facility ID # 7-0104
Global ID# _____
Site Address 1725 Park Street
City, State Zip Alameda, California



WORK ORDER #: 07-12-0733

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: ERI

DATE: 12/8/07

TEMPERATURE – SAMPLES RECEIVED BY:**CALSCIENCE COURIER:**

- Chilled, cooler with temperature blank provided.
- Chilled, cooler without temperature blank.
- Chilled and placed in cooler with wet ice.
- Ambient and placed in cooler with wet ice.
- Ambient temperature.
- °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- °C Temperature blank.
- °C IR thermometer.
- Ambient temperature.

Initial: HT

CUSTODY SEAL INTACT:

Sample(s): _____

Cooler: _____

No (Not Intact) : _____

Not Present: _____

Initial: HT

SAMPLE CONDITION:

Yes	No	N/A
-----	----	-----

- Chain-Of-Custody document(s) received with samples.....
- Sampler's name indicated on COC.....
- Sample container label(s) consistent with custody papers.....
- Sample container(s) intact and good condition.....
- Correct containers and volume for analyses requested.....
- Proper preservation noted on sample label(s).....
- VOA vial(s) free of headspace.....
- Tedlar bag(s) free of condensation.....

Initial: HT

COMMENTS:
